Naples Public Health Evaluation

Volume I: Phase II Environmental Testing Support Assessment

Naval Support Activity Naples
Naples, Italy



Naval Facilities Engineering Command Atlantic
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NAPLES PUBLIC HEALTH EVALUATION

VOLUME I: PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT

NAVAL SUPPORT ACTIVITY NAPLES
NAPLES, ITALY

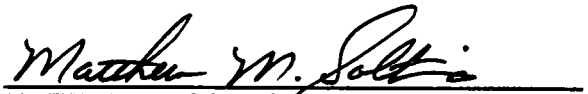
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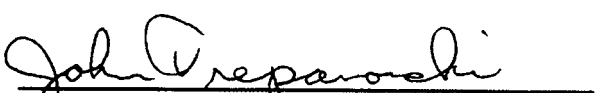
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PREFACE

The Final Report for the Public Health Evaluation (PHE) is comprised of three (3) volumes, each with a specific purpose:

Naples Public Health Evaluation: Phase II Environmental Testing Support Assessment, Public Health Evaluation, Volume I, Naval Support Activity Naples, Italy (Tetra Tech, 2010) – this report presents the results of the soil, soil gas, water, and ambient air samples collected for the Phase 2 investigation of the Naples PHE. This report also presents sample results associated with supplemental investigations (e.g., aqueduct source water sampling) that were concurrently performed in Phase 2. Comparisons of data to appropriate risk-based screening levels and regulatory criteria are also presented.

Naples Public Health Evaluation: Naples Italy - Public Health Evaluation Volume II: Phase I & II Screening Risk Evaluation (Pioneer, 2010) – this report presents a screening risk assessment based on the sampling results contained in Volume I and evaluates the potential for impacts to human health from exposure to chemicals in contaminated media (e.g., soil, soil gas, water and ambient air). It also presents the risk drivers associated with residences and study areas under investigation. Uncertainties and limitations involved with this investigation are also presented. In this context, this screening risk assessment is a management decision tool and does not provide absolute statements about health and environmental impacts.

Naples Public Health Evaluation: Naples Public Health Evaluation Public Health Summary: Volume III (Navy and Marine Corps Public Health Center, 2010) – this report integrates the results of Volumes I and II with other information (e.g., Epidemiological Studies) to provide a broader holistic assessment of the potential public health risks. It also identifies key data gaps and provides recommendations to reduce or eliminate public health risks, where possible.

The PHE was a complex investigation and unique in that the objective was to assess health impacts to USN military and civilian personnel, and their families at an overseas location. This investigation covered a wide geographic area, involved both transient and ill-defined contaminant types and sources, and spanned a period of more than 2 years. Because of this duration and complexity, different planning documents (e.g., Quality Assurance Project Plans and Work Plans) were prepared and followed during the different phases and aspects of this investigation. These are identified via text and references in the different volumes of this report. Also, because of the duration of the project and in view of the phased approach that was followed, analytical results and the evaluation of these results are provided in different reports and deliverables. The two key deliverables in terms of the results and evaluations of data collected during Phase I of the investigation are: "*Final Phase I Environmental Testing Support Assessment Report, Volume I, Naval Support Activity Naples, Italy*" and "*Naples, Italy–Public Health Evaluation, Volume II: Phase I Screening Risk Evaluation*") and the three volumes summarized above.

The approach used in this evaluation was tailored to the unique circumstances found in Naples, Italy and would not necessarily be appropriate for use in other geographic areas.

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ACRONYMS AND ABBREVIATIONS

ΔT	Delta Temperature
F	Degrees Fahrenheit
AA	Ambient Air
AAQMSR	Ambient Air Quality and Meteorological Summary Report
AGS	Above Ground Surface
ARIN	*Azienda risorse idriche Napoli* (Agency for Water Resources, Naples)
AL	Action Level
ASG	Active Soil Gas
ATSDR	Agency for Toxic Substances and Disease Registry
BaPEq	benzo[a]pyrene equivalents
CAM	Continuous Air Monitoring
CDC	Child Development Center
CEF	Cancer Exceedance Factor
CNREURAFSWA	Commander Navy Region Europe, Africa, Southwest Asia
CO	Carbon Monoxide
COC	Chain of Custody
cPAH	Carcinogenic Polycyclic Aromatic Hydrocarbons
CSM	Conceptual Site Model
DBCP	1,2-dibromo-3-chloropropane
DQI	Data Quality Indicators
DQO	Data Quality Objectives
EPA	Environmental Protection Agency
ERA	Environmental Resource Associates
ETSA	Environmental Testing Support Assessment
EURSWA	Europe and Southwest Asia
FOD	Frequency of Detection
FOL	Field Operations Leader
FTMR	Field Task Modification Request
GEL	General Engineering Laboratories
GPS	Global Position System
IAQ	Indoor Air Quality
ICP	Inductively Coupled Plasma
JFC	Joint Forces Command
LANT	Atlantic
LCS	Laboratory Control Sample

MCL	Maximum Contaminant Level
MREM	Millirem
MS	Matrix Spike
MSD	Matrix Spike Duplicate
M/Sec	Meters per Second
NA	Not Applicable
NAAQ	National Ambient Air Quality Standards
NATA	National Air Toxics Assessment
NATO	North Atlantic Treaty Organization
NAVFAC	Naval Facilities Engineering Command
NAVSEA RASO	Naval Sea System Command Radiological Affairs Support Office
NCEF	Noncancer Exceedance Factor
NMCPHC	Navy Marine Corp Public Health Center
NO	Nitrogen Monoxide
NO_2	Nitrogen Dioxide
NOx	Nitrogen oxides
NSA	Naval Support Activity
O_3	Ozone
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated biphenyls
PCE	Tetrachloroethene
PHE	Public Health Evaluation
PM_{10}	Particulate Matter Less 10 microns in aerodynamic diameter
PPB	Parts Per Billion
PQLG	Project Quantitation Limit Goals
PSG	Passive Soil Gas
PT	Proficiency Test
PUF	Polyurethane Foam
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
RPD	Relative Percent Difference
RSL	Regional Screening Level
SDWA	Safe Drinking Water Act
SO_2	Sulfur Dioxide
SVOC	Semivolatile Organic Compounds

TCE	Trichloroethene
TEQ	Toxic Equivalent Concentration
Tetra Tech	Tetra Tech NUS, Inc.
U.S	United States
VI	Vapor Intrusion
VOC	Volatile Organic Compounds
Watts/m^2	Watts Per Square Meter

EXECUTIVE SUMMARY

This Phase II Environmental Testing Support Assessment (ETSA) presents the results of soil gas, water, soil, and ambient air sampling in nine project study areas surrounding Naples, Italy (**Figure ES-1**). Tetra Tech, Inc. (Tetra Tech) prepared this report under Naval Facilities Engineering Command Atlantic contract number N62470-08-D-1001, Contract Task Order 002. This ETSA is one component of a broader Public Health Evaluation (PHE) for Navy personnel and their dependents living in the Campania Region. Tetra Tech conducted this Phase II ETSA based on conclusions and recommendations derived from the Phase I ETSA. This Phase II investigation involved a broader regional screening evaluation to assess the potential health impact of improper waste disposal activities across the Campania. The results were used to determine whether exposure to indoor air (via soil gas), tap water, soil, and ambient air potentially pose unacceptable risks based on United States Environmental Protection Agency (EPA) criteria and guidelines and whether additional sampling is needed to evaluate overall risk to residents. This information is presented in **Volume II** of this PHE. A compilation of this information is provided in a Public Health Summary, which is **Volume III** of this PHE.

This Phase II investigation was preceded by an initial Pilot Phase study and a Phase I investigation. Several components of this second phase were extensions of some aspects of the previous Phase I investigation. On a regional scale, activities included extending the Phase I 30-day ambient air (AA) quality study to a year-long regional AA study. For individual residences, the results from the Phase I investigation indicated the need to collect active soil gas (ASG), tap water, soil, and AA samples from residences across the region to help identify clusters of contamination and provide spatial coverage across nine defined study areas. This investigation was conducted in accordance with the Quality Assurance Project Plans (QAPP) developed for this PHE (**Tetra Tech, 2008b**; **Tetra Tech, 2009b**; **Tetra Tech, 2009c**).

Phase I properties with concentrations of volatile organic compounds (VOCs) in soil gas (collected using a passive sampling technique) that correspond to unacceptable risks triggered the collection of additional soil gas samples in Phase II using an active soil gas sampling technique to attain more quantitative results. Additionally, the presence of contamination in groundwater prompted the inclusion in the Phase II investigation for sampling source water of the aqueducts that supply this geographical region. Finally, the presence of VOCs in groundwater collected from irrigation wells at Capodichino and the Gricignano Support Site prompted investigating the potential for vapor intrusion into buildings at these two installations.

While sampling occurred through the nine study areas, most of the sampling performed in the Phase I investigation was primarily focused on one specific area (Casal di Principe, Study Area 8), because it was suspected that this area was the most significantly contaminated from illegal and illicit waste disposal activities. The Phase II investigation, however, was designed and performed with the objective of collecting environmental information to allow a regional screening assessment for the presence and potential effects of the improper waste disposal practices across the entire Campania region. The results from the Phase I activity influenced the technical approach for Phase II. For example, the presence of tetrachloroethene (PCE) in tap water collected from Phase I residential properties located in Study Area 8 (primarily from private groundwater sources) resulted in the performance of additional sampling in a "step-out" approach to determine if additional residences in the area also were impacted by PCE in groundwater. The presence of PCE in tap water collected from homes in Villa Literno, where the principal residential source of water is also groundwater, resulted in a more extensive investigation in that town.

Regional Ambient Air Study

The results of the regional AA quality investigation indicated that concentrations of air contaminants detected across the region are typical of what is commonly detected in U.S. urban environments. The investigation began on July 9, 2008, and ended on July 8, 2009. This investigation involved the construction and operation of a meteorological tower and nine air sampling stations located across the nine study areas, An average of 439 samples were each analyzed for VOCs, semivolatile organic compounds (SVOCs), dioxins and furans, pesticides, polychlorinated biphenyls (PCBs), particulate matter 10 microns or less (PM_{10}), PM_{10} metals, mercury vapor, and aldehydes. While some exceedances of

EPA air quality criteria were found, the general AA quality from this task indicated that these exceedences were largely attributable to diesel engine exhaust and industrial emissions. Details of this regional AA investigation are presented in the Ambient Air Quality and Meteorological Summary Report (AAQMSR), which is part of the PHE.

Phase II Residential Sampling

The principal components of the Phase II residential regional screening assessment included sampling at 212 residential properties across Campania to achieve spatial coverage in each of the nine study areas, collecting a statistically representative number of samples to determine whether risks exceeded the criteria developed for this project to be protective of human health, and using the data to delineate clusters of properties with exceedances of the risk criteria. To achieve these objectives, Tetra Tech environmental technicians collected ASG, tap water, soil, and residential AA samples. Soil sampling was discontinued on March 6, 2009 during this phase of the investigation because contaminant concentrations were typically less than screening levels. ASG samples were collected to estimate indoor air concentrations associated with vapor intrusion through cracks or preferential pathways in building foundations. For this investigation, it was assumed that 10 percent of the ASG concentrations measured beneath the slab (or immediately adjacent to the slab) could enter the residential structure by passing through these cracks or preferential pathways into the indoor air. These predicted indoor air concentrations were also compared to regional AA concentrations derived from the year-long AA quality evaluation. If predicted indoor air concentrations were greater than 95th percentile regional AA concentrations, the data suggested that there is a potential for soil gas concentrations to significantly impact indoor air. Conversely, if the predicted indoor air concentrations were less than the regional AA concentrations, then vapor intrusion would not be considered significant because air quality inside of a typical residential structure would not be any better than the outside air quality.

Sub-slab or near-slab ASG sampling was performed at 177 residences across all nine study areas. VOCs were detected in all of these ASG samples and concentrations of VOCs exceeded the criteria established for this project in ASG samples collected from all nine study areas. Of the 177 residences sampled, 64 had at least one contaminant with a predicted indoor air concentration greater than its regional AA concentration. PCE was the most prevalent contaminant detected in soil gas and was detected at concentrations greater than its soil gas criterion in at least 40 percent of the samples within each study area. Overall, 14 percent of all ASG samples would result in predicted indoor air concentrations of PCE greater than its regional AA concentration. Study Areas 6 and 8 had the greatest percentage of samples (30 percent) where PCE was detected in soil gas at concentrations greater than its criterion, with the predicted indoor air concentrations in approximately one third of the samples in these study areas greater than its regional AA concentration.

In tap water samples, PCE, arsenic, and nitrate were detected at concentrations greater than EPA Safe Water Drinking Act (SDWA) Maximum Contaminant Levels (MCLs). PCE concentrations exceeded its MCL in Study Areas 5 and 8, arsenic concentrations exceeded its MCL in Study Areas 1 and 5, and nitrate concentrations exceeded its MCL in Study Areas 6, 7, and 8. The higher concentrations of arsenic are primarily attributable to regional volcanic activity (ATSDR, 2007). Lead was detected at concentrations greater than its action level in Study Areas 1, 2, 3, 6, 8, and 9. Copper was detected at concentrations greater than its action level in Study Areas 6 and 8. Trihalomethanes and dioxins were ubiquitous in water samples but were not detected at concentrations greater than MCLs in any sample. Pesticides and PCBs were not detected in any water sample.

Overall, arsenic and carcinogenic polycyclic aromatic hydrocarbons (cPAHs) were the only contaminants detected at concentrations greater than EPA residential soil criteria across the study areas; however, detected concentrations of arsenic and cPAHs are consistent with concentrations in other urban or volcanic environments (ATSDR, 1996; ATSDR 2007). Dioxins/furans, VOCs, SVOCs, and metals were frequently detected in soil but always at concentrations less than EPA residential soil criteria. Pesticides were infrequently detected and their concentrations were always less than EPA residential soil criteria. PCBs were not detected in any soil samples.

ASG Sampling of Phase I Residences Exceeding Risk Criteria Using Passive Soil Gas Results
During the Phase I investigation, soil gas sampling was conducted using passive collection techniques. These semi-quantitative soil gas results, in combination with results from other sampled media, resulted in exceedances of the risk criteria established for this project at seven Phase I pilot homes. To confirm these risk criteria exceedances, ASG samples were collected from these seven properties. PCE was detected in all seven ASG samples at concentrations greater than its ASG criterion. However, no direct relationship was evident between the presence of contaminants in passive soil gas (PSG) and ASG samples. PCE was not always detected at concentrations greater than its criterion in PSG samples.

Aqueduct Source Water Sampling
Tetra Tech sampled 14 upgradient aqueduct locations in the Campania region that supply municipal water to the nine study areas where U.S. Navy civilian and military personnel reside to obtain information on the quality of the source water. The samples collected by Tetra Tech represent untreated and unfiltered water. Arsenic concentrations were greater than its MCL in 9 of the 14 samples. Fecal coliform was detected in two samples, and total coliform was detected in four samples. In accordance with Italian regulations, this water would undergo treatment by local water authorities prior to use. The aqueduct sampling was performed with the cooperation of the Environmental Department Water Section of the Campania Region (*Asserato all'Ambiente*), which is the appropriate host-nation regional regulatory authority. Also, the Protezione Civile performed concurrent sampling with Tetra Tech at the aqueduct locations.

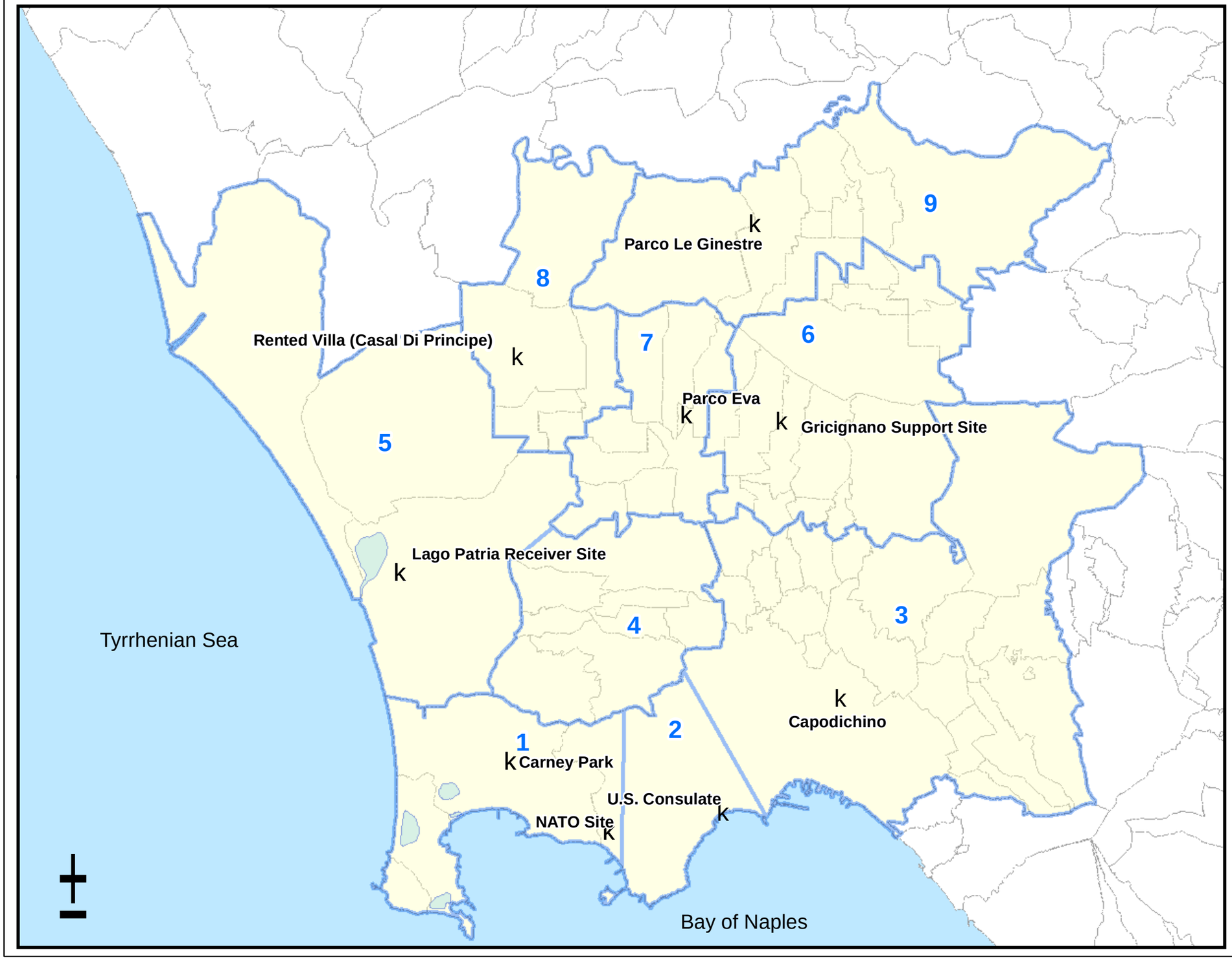
Vapor Intrusion Investigation at Capodichino and the Gricignano Support Site
The presence of VOCs in water samples collected from irrigation wells at Capodichino and the Gricignano Support Site suggested that vapor intrusion could be a potential contaminant transport pathway at these sites. Specifically, PCE was frequently detected in irrigation well water at concentrations greater than its tap water regional screening level (RSL). Investigations at the two installations triggered extensive vapor intrusion investigations at the Capodichino Child Development Center (CDC) and the Support Site High School. The results of the vapor intrusion investigation indicated that the CDC was the only location where PCE in indoor air was potentially present because of vapor intrusion, but the risks associated with these concentrations were within acceptable levels as defined for this project (**Volume II** of this PHE). However, because of children's sensitivity to chemical exposure and the uncertainty associated with the nature and extent of PCE concentrations in groundwater at Capodichino, the Navy authorized the design and installation of a vapor intrusion mitigation system for the CDC. No PCE was detected in the indoor air samples collected at the Support Site High School.

Step-Out Sampling in Casal di Principe in Study Area 8
As a separate component of the Phase II study, Tetra Tech conducted step-out sampling in Casal di Principe (located in Study Area 8) to investigate a groundwater contamination concern. The investigation involved identifying residential locations where U.S. personnel reside or may reside that are located within 1,500 feet of Phase I properties where "unacceptable" PCE concentrations were detected in tap water samples (**Volume II** of this PHE). To determine whether groundwater contamination was present at other homes in the vicinity of these Phase I residential properties, Tetra Tech collected tap water and ASG samples. PCE exceedances were prevalent at concentrations greater than screening criteria in both tap water and soil gas. However, only 13 of the twenty-five 1500-foot step-out residential properties had predicted indoor air concentrations that indicated any concern.

Villa Literno ASG and Tap Water Sampling
Villa Literno is a *comune* located in Study Area 5. Two properties sampled in this *comune* in Phase I had PCE concentrations in water samples that resulted in estimated risks greater than the investigation's acceptable risk criteria. Because a majority of the properties in Villa Literno were recognized as obtaining drinking water from private wells, Tetra Tech collected ASG and tap water samples during the Phase II investigation at four properties within Villa Literno where it could be reasonably determined that the tap water supply for each property was from a private well. PCE was detected in water samples at all four properties and greater than its EPA MCL at 3 of the 4 properties. PCE was also detected in soil gas at all four properties. At the three properties where PCE was detected in water at concentrations greater than its MCL, PCE was detected in soil gas at concentrations greater than its soil gas criterion.

Overall, PCE is the principal contaminant of concern identified during this Phase II investigation. It was detected in soil gas and tap water samples across all nine study areas. However, PCE exceedances were detected in soil gas more frequently in Study Areas 6 and 8 than in the other study areas, and PCE exceedances were also detected in tap water in Study Areas 5 and 8. Typically, the detection of PCE in tap water was co-located with the detection of PCE in soil gas at a residential property sampled in Phase II. There were also locations in Study Areas 5 and 8 where exceedances of PCE in tap water corresponded with predicted indoor air concentrations being greater than regional AA concentrations; however, the direct correlation between these comparisons is weak.

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NAVFAC

TETRA TECH

Figure ES-1

Study Areas 1-9
Phase II ETSA Investigation of the Naples Public Health Evaluation
Naples, Italy

Legend

k Air Sampling Locations

Comune Borders (Campania)

Study Area Boundary (1-9)

1 Blue number on map indicates Study Area.

"For internal Navy use only"

0 1,250 2,500 5,000 7,500 10,000 Meters

Drawn By: MP 2/16/10
Checked By:TJ
Approved By: TJ

Contract Number: N62470-08-D-1001
CTO 0002

Map Document: (K:\GProject\Naples\ArcMap\PHASE II\QAPP FINAL\Air Monitoring Stations All Study Areas_figure 10-4.mxd)
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1.0 INTRODUCTION

Tetra Tech NUS, Inc. (Tetra Tech) was engaged by the United States (U.S.) Navy to perform an Environmental Testing Support Assessment (ETSA) as part of a broader Public Health Evaluation (PHE). This was performed under U.S. Navy Atlantic CLEAN Contract Number N62470-08-D-1001.

The ETSA and PHE were structured and performed in several phases. These included the following:

- An initial records search investigation was conducted to assemble and evaluate documentation that may be pertinent to past illegal or illicit waste disposal practices in the Naples area of Campania.

- A limited "Pilot Study" activity was planned and performed to determine what sampling and data collection approach and methods would be effective and efficient.

- A Phase I investigation was conducted which involved planning and performing an environmental and residential sampling evaluation with the objective of characterizing specific geographical areas that existing public information indicated were likely to be the most impacted by past waste disposal practices.

- A Phase II investigation was conducted which involved a broader regional screening evaluation to assess the impact of the improper waste disposal activities across Campania.

This report presents the results of the Phase II regional screening evaluation.

The principal objective of the PHE was to identify and characterize potential health impacts to U.S. military and civilian personnel and their families residing in the Naples area of Campania. The results of the investigation were intended to be used in a screening evaluation to determine whether exposure to ambient air, soil, tap water, and indoor air potentially pose unacceptable risks, based on U.S. Environmental Protection Agency (EPA) guidelines and if additional sampling is needed to evaluate overall risk to residents. The objective of the Phase II ETSA was to present the data collected during the Phase II investigation and other associated sampling events during this period in a manner that supports the screening risk evaluation (**Volume II** of this PHE) and the Public Health Summary (**Volume III** of this PHE).

Several organizations were principally involved in the planning and performance of this project. These organizations comprised the overall "Project Team," consisting of:

- Commander Navy Region Europe, Africa, Southwest Asia (CNREURAFSWA)
- Naval Support Activity, Naples (NSA Naples)
- Naval Facilities Engineering Command Europe and Southwest Asia (NAVFAC EURSWA)
- Naval Facilities Engineering Command Atlantic (NAVFAC LANT)
- Navy Marine Corp Public Health Center (NMCPHC)
- Naval Sea System Command Radiological Affairs Support Office (NAVSEA RASO)
- Tetra Tech and Tetra Tech subcontractors, including:
- Pioneer Technologies Corporation
  - Sistemi Industriali
  - SGS Laboratories
  - GEL Laboratories
  - Studio Melchior

Results of the Phase I investigation (**Tetra Tech 2009a**) triggered several investigations. On a regional scale, activities included extending the regional 30-day ambient air study to a year-long ambient air study. For individual residences, the results from the Phase I investigation indicated the need to collect active soil gas (ASG), tap water, soil, and ambient air (AA) samples from residences across the region to help identify clusters of contamination and provide spatial coverage across nine defined "study areas" (**Figure 1-1**). Soil sampling was terminated on March 6, 2009 because contaminant concentrations in soil were typically less than soil RSLs or were consistent with naturally occurring concentrations.

Properties where Phase I sample results indicated concentrations of volatile organic compounds (VOCs) in soil gas collected using a passive sampling technique that indicated unacceptable risks (under the Navy's risk management criteria) triggered the collection of additional soil gas samples in Phase II using an active technique to attain more quantitative results. The presence of contamination in well water prompted the sampling of the source water that supplies the regional aqueducts. Finally, the presence of VOCs in groundwater collected from irrigation wells at Capodichino and the Gricignano Support Site prompted investigating the potential for vapor intrusion at buildings on these two installations.

Results of the Phase I investigation (**Tetra Tech 2009a**) also triggered more localized investigations. The presence of tetrachloroethene (PCE) in tap water collected from residential properties located in Study Area 8, which includes Casal di Principe, primarily from private well water sources, resulted in a step-out investigation to try to determine if water at additional residences were impacted by PCE. The presence of PCE in tap water collected from homes in Villa Literno, where the principal residential source of water is also well water, resulted in a more extensive investigation in that town.

1.1 PHASE I ENVIRONMENTAL TESTING SUPPORT ASSESSMENT AND PILOT STUDY

For more than a decade, the Naples area of Campania has experienced numerous challenges associated with trash collection, open burning of uncollected trash, and alleged illegal dumping of urban and industrial waste. Historically, poor waste disposal practices have been tolerated in this region for decades. The illicit burning of trash has been a cyclic activity that generally peaks in late spring and summer. Responding to concerns of the U.S. Navy and civilian population based in the Naples area, CNREURAFSWA contacted the NMCPHC to request that a health assessment be performed for Navy personnel and their dependents living in the Naples area of Campania (PHE Study Area). Because it was anticipated that the investigation would take up to 24 months to complete, the Navy decided to first undertake a preliminary study, referred to as the Phase I ETSA.

The principal objective of the Phase I investigation was to identify and characterize potential health impacts to United States military and civilian personnel and their families residing in an approximately 400 square mile area within Campania comprised of Study Areas 1 through 9 with boundaries following those of *comuni* (townships) within the larger study area (**Figure 1-1**). The results of the investigation were intended to be used in a screening evaluation to determine whether exposure to ambient air, soil, tap water, and indoor air potentially posed unacceptable risks, based on United States EPA guidelines. A secondary objective of the Phase I activity, through the Pilot Study, was to identify technical, logistical, and procedural issues that should be included, excluded, or revised in progressing to the Phase II ETSA.

The Phase I ETSA included two components: (1) regional ambient air sampling and (2) residential surface soil, tap water, and passive soil gas sampling. Air sampling was conducted to assess potential exposures related to the inhalation of ambient air. Air pollutants are generally associated with major metropolitan areas but may also be attributable to the random burning of trash throughout Campania. Soil sampling was conducted to assess potential exposure to soil contaminants through incidental ingestion, inhalation of particulates, and dermal contact. The presence of soil contaminants may also be attributable to the deposition of contaminants from the open burning of trash or could result from illegal dumping activities. Chemicals can travel from soil into groundwater wells or other drinking water reservoirs. Therefore, tap water sampling was conducted to assess potential exposures through drinking and bathing. Passive soil gas sampling was conducted to assess whether volatile contaminants in groundwater or soil could potentially be migrating into indoor air through cracks in the house foundations or basement floors.

As an initial part of the Phase I ETSA, a Pilot Study was conducted of seven residential homes during the week of April 28, 2008 to evaluate sampling procedures and logistical details to improve the efficiency of the larger Phase I ETSA sampling effort outlined in the **Field Sampling Plan (Tetra Tech, 2008a)**. The

Pilot Study included collection of soil and tap water samples at seven residences, collection of soil gas samples using a passive collection method at five residences, and collection of ambient air samples at two of the residences. Conclusions and lessons learned from the Pilot Study were incorporated into a revised sampling approach and schedule as appropriate.

An ambient air sampling station was set up in each of the nine study areas to provide regional coverage across the Naples metropolitan area. Eight stations were set up on government-based properties, and one station was set up at a walled, rented villa. These locations provided for easier supervision and protection of the sampling equipment. The nine locations are listed below and shown on **Figure 1-1**.

- Study Area 1 – North Atlantic Treaty Organization (NATO) Allied Joint Forces Command (JFC) South
- Study Area 2 – U.S. Consulate
- Study Area 3 – Capodichino (NSA Naples)
- Study Area 4 – Carney Park Recreation Area (NSA Naples)
- Study Area 5 – SATCOM Receiver Site (NATO)
- Study Area 6 – Gricignano Support Site (NSA Naples)
- Study Area 7 – Parco Eva (Navy-leased parco)
- Study Area 8 – Rented Villa (Tetra Tech)
- Study Area 9 – Parco Le Ginestre (Navy-leased parco)

In addition to the ambient air sampling stations strategically located across the region, a meteorological monitoring tower was also constructed and a continuous air monitoring (CAM) system was located at the Gricignano Support Site.

Ambient air sampling for the Phase I ETSA was conducted over a 30-day period, beginning on July 7, 2008 and ending on August 8, 2008. Typically, when collecting ambient air samples associated with burning activities, the development of the sampling plan includes identifying the locations of the emission sources, burning schedules, and quantities and content of what is being burned. For this investigation, some areas were known as primary burning areas; however, because the open burning activities were illicit or illegal, many of the burning locations were randomly distributed across Campania. Moreover, the frequency of the burning was random, the quantities of trash being burned were unknown, and the contents of the trash being burned were unknown. The random nature of the frequency of burning and the random nature of the contents of the trash being burned dictated that the days that sampling occurred and the compound groups sampled for on any given day should also be random. Ultimately, five samples for each contaminant group were collected over the 30-day period from each of the nine sampling stations resulting in a total of 45 sampling events for each ambient air sampling

parameter over this 30-day period. Ambient air samples were analyzed for particulate matter of 10 microns in diameter or less (PM_{10}), the metals portion of PM_{10} (PM_{10} metals), mercury vapor, volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), aldehydes, pesticides, polychlorinated biphenyls (PCBs), and dioxins/furans. In addition, continuous ambient air monitoring of criteria pollutants (ozone, sulfur dioxide, carbon monoxide, and oxides of nitrogen) was conducted at the Gricignano Support Site, through the installation and use of Continuous Air Monitoring (CAM) devices that were integrated with the meteorological monitoring system. Meteorological data were collected to obtain information on regional air conditions, wind directions, and other parameters to better understand and interpret the potential impacts associated with the analytical data. Details regarding Phase I air sampling activities are provided in the ETSA Work Plan and Field Sampling Plan (**Tetra Tech, 2008a**) and the Ambient Air Quality and Meteorological Summary Report (AAQMSR) (**Tetra Tech 2010a**).

During the Phase I investigation, 130 leased residences (including the seven pilot homes) on the economy (i.e., private homes not on government property) leased by U.S. military or civilian personnel through the NSA Housing Department were sampled. Soil samples were collected from 104 of the 130 residences. At 26 of the residences, soil was not available for sample collection, primarily because no yard was at the residence. Selection of residences to be sampled was focused on identifying clusters of homes near known or suspected waste sites, i.e., biased "dirty." The total number of properties leased through NSA Housing in each of the nine study areas was factored into determining the number of properties to be sampled in each study area, i.e., sample numbers was higher in the study areas where more U.S. personnel lived. Additionally, 30 soil samples were collected from government-leased parcos, six samples were collected from NAVFAC-leased homes, and 40 soil samples were collected from government-based properties. The soil samples were analyzed for VOCs, SVOCs, dioxins/furans, pesticides, PCBs, and metals.

Phase I tap water samples were collected concurrently with soil samples from the 130 tenant-leased residences on the economy. Additionally, 30 tap water samples were collected from residences within the government-leased parcos, six samples were collected from NAVFAC-leased homes, and 33 samples were collected from government-based properties. The tap water samples were analyzed for VOCs, SVOCs, dioxins/furans, pesticides, PCBs, and metals, consistent with soil sample analytes. Tap water samples were also analyzed for radiological parameters (gross alpha, gross beta, and total uranium), anions, cyanide, and bacteriological parameters (total coliform, fecal coliform, fecal streptococcus, and agar colony count).

Phase I near-slab passive soil gas (PSG) samples were collected from 99 of 130 tenant-leased residences located on the economy using a GORE^{TM} Module. The GORE^{TM} Module is a passive sorbent-based sampler with an adsorbent structure engineered to collect a wide variety of VOCs and SVOCs.

Some locations were not suitable for PSG sampling (e.g., apartments above the ground floor and homes without yards). In addition, 29 near-slab PSG samples were collected from the government-leased parcos and the six NAVFAC-leased homes.

A total of 13 irrigation wells were sampled during the Phase I investigation at the Gricignano Support Site, Carney Park, Capodichino, and Parco Le Ginestre because of the potential direct exposure residents may have with the irrigation well water. The samples collected from these irrigation wells were analyzed for VOCs, SVOCs, dioxins/furans, pesticides, PCBs, and metals. Irrigation well samples were also analyzed for radiological parameters (gross alpha, gross beta, and total uranium), anions, cyanide, and bacteriological parameters (total coliform, fecal coliform, fecal streptococcus, and agar colony count).

Volume I of the Phase I ETSA report (**Tetra Tech, 2009a**) presented the analytical results for samples collected during the Pilot Study and Phase I of the Naples PHE, and compared the data to applicable current EPA regional screening levels (RSL) (**EPA, 2008**), regulatory criteria, and background concentrations, where available.

The remainder of this section summarizes the findings that are presented in Volume I of the Phase I ETSA.

Ambient Air Sampling

The results of the Phase I ambient air sampling indicated that some constituents were detected at concentrations greater than EPA's residential air RSLs; however, the concentrations were comparable to concentrations detected in the air in urban environments in the U.S. (**EPA, 1988; EPA 2007).** Many of the chemicals that were detected in air at concentrations greater than project screening levels could be attributable to automobile engine exhaust and industrial emissions that can reasonably be expected in any populated, industrial or agricultural areas. Moreover, no significant correlation could be drawn between air contaminant concentrations and noted observations of burning. However, these conclusions were based on only 30 days of air sampling.

Soil Sampling

In surface soil samples, arsenic was detected at concentrations greater than its residential soil RSL in all samples. However, the levels that were detected across the region are most likely naturally occurring and can be attributed to the volcanic soil which exists in the Naples area because of proximity to Mt. Vesuvius and other volcanoes (**Cicchella, et al, 2005**). Carcinogenic polycyclic aromatic hydrocarbons (PAHs) and dioxins/furans were the only other constituents detected in soil at concentrations greater than residential soil RSLs. However, at most sampling locations, these concentrations are consistent with

anthropogenic background levels typically found in urban environments (**ATSDR, 1996**; **ATSDR, 1998**) and would not require mitigation under U.S. EPA guidance.

Tap Water

Contamination detected in tap water samples collected during the Pilot Study indicated the potential for contamination elsewhere across Campania. Therefore, tap water data were analyzed in terms of its source: municipal water supply or private well/unknown source, including blended water consisting of municipal water and well water. In the tap water evaluation, it was recognized that unlike municipal drinking water systems in the U.S., the municipal water systems in Campania generally do not contain backflow prevention. This is a proven, recognized control mechanism when in place would be a means to prevent cross-contamination from illegal well connections. When sampling was conducted, samplers searched for water meters, well heads, and holding tanks or used the results of real-time chlorine tests to better identify the source of the tap water at each sampled residence. For those locations identified as having municipal supplies, the identification at best was what the landlord portrayed as the municipal water supply.

Results of the water sampling from the Phase I investigation are summarized below:

- For tap water samples collected from municipal water supplies, arsenic exceeded its tap water RSL in all samples and exceeded its United States EPA Maximum Contaminant Level (MCL) in one sample in Study Area 8. For tap water samples collected from a private well or unknown source, arsenic also exceeded its tap water RSL in all samples and exceeded its MCL in two samples collected from Study Area 5.

- As expected in samples collected from residences connected to a municipal water supply, trihalomethanes (chemicals that are byproducts of using chlorine to disinfect a water supply) were widely detected at levels greater than their RSLs, but were always less than the MCL- for trihalomethanes.

- Tetrachloroethene (PCE) was detected across the nine study areas in tap water samples at levels greater than its tap water RSL. Some tap water samples believed to be collected from municipal water supplies contained trace levels of PCE, but PCE concentrations only exceeded its MCL in tap water samples collected from private wells in Study Areas 7 and 8.

- Nitrate was detected at concentrations greater than its MCL in tap water samples in Study Areas 6, 7, and 8 in samples believed to be collected from municipal water supplies and from private wells. In

Study Area 5, nitrate was detected at concentrations greater than its MCL only in tap water samples from a private well.

- Radiological activity (gross alpha and gross beta) was detected at levels greater than MCLs in Study Areas 6, 7, and 8 for tap water samples from municipal water supplies and in Study Areas 7 and 8 for tap water samples from a private well or unknown source.

- Total and fecal coliform bacteria were present in municipal source tap water samples collected from Study Areas 6, 7, and 8 and private well tap water samples collected from Study Areas 5, 7, and 8. Any detection of total or fecal coliform is an exceedance of an MCL. In those cases where total and fecal coliform were detected, landlords were requested to clean and treat their storage tanks and plumbing systems. In samples collected after these treatments, total and fecal coliform were no longer detected at most of these residences.

- SVOCs (phthalates) were infrequently detected in tap water samples and always at concentrations less than RSLs for the Phase I ETSA.

- Pesticides and PCBs were never detected in any tap water sample from any source.

Tap water samples were also collected from NAVFAC-leased homes and parcos, and the government-based sites across the region. All of the samples collected from these sites were connected to a municipal water supply, and the results were similar to those for the tenant-leased homes. PCE was detected less frequently than houses on the economy; however, it was detected at concentrations greater than its RSL, but less than its MCL, at Parco Le Ginestre, NAVFAC-leased homes, Carney Park, and the U.S. Consulate. SVOCs, pesticides and PCBs were either not detected or were detected at levels less than their RSLs at these sites. Nitrate and radiological activity were not detected at levels greater than MCLs in any sample, and total and fecal coliform were not detected in any tap water samples from these sites.

Passive Soil Gas Sampling

PSG sampling was performed as part of the Pilot Study and Phase I ETSA sampling evaluations to characterize soil gas for VOCs and SVOCs. This PSG sampling at residences involved digging a hole in the soil to approximately 18 inches below ground surface and inserting a GORE™ module, which was left in place for approximately 7 days.

The GORE™ modules used for the PSG sampling adsorb volatile and semi-volatile compounds present in air, soil gas or water. Because the volume of sample is unknown, results are typically reported as a mass

of analyte in micrograms per sample. Thus, PSG results are qualitative and best used as an indicator of the presence or absence of contaminants. However, concentrations of VOCs can be estimated through modeling using default parameters associated with soil type (e.g., porosity and moisture content). These estimated concentrations were only used for screening evaluation purposes. PCE was the prevalent constituent detected at estimated concentrations greater than its risk-based screening level in seven study areas. Its presence suggested that PCE may be in the groundwater beneath the residences and volatilizing upward through the soil column to pose a potential vapor intrusion problem.

PSG results for this study were converted to estimated concentrations by GORE. The resulting concentrations were less than the screening levels in near-slab PSG samples collected from Study Area 4, Parco Artemide, and the NAVFAC-leased homes. VOCs were detected in PSG samples collected at all of the study areas except for Study Area 3.

Soil gas data were collected because it is a better indicator for determining the likelihood for vapor intrusion than groundwater data. The soil gas samples that were collected using passive methods indicated that VOCs were present in the sampled study areas and suggested that there is some potential for vapor intrusion from subsurface soil gas.

Irrigation Well Sampling

Water samples were collected from irrigation wells at Parco Le Ginestre, Gricignano Support Site, Capodichino, and Carney Park because of the potential for incidental contact residents or personnel could have with the water when released during sprinkling of the grounds. Irrigation well data provides an indication of the potential contamination that may be present in groundwater.

Contaminant concentrations in irrigation well water were compared to tap water RSLs. Arsenic was detected at concentrations greater than its RSL, but less than its MCL, in all irrigation well samples. PCE was detected at concentrations greater than its RSL but less than its MCL at all locations except for Parco Le Ginestre. SVOCs (phthalates) were detected at concentrations greater than RSLs in the sample collected from Parco Le Ginestre. Nitrate was detected at concentrations greater than MCLs in samples collected from all areas. Radioactivity levels (gross alpha and gross beta) exceeded MCLs at Parco Le Ginestre and the Gricignano Support Site. Total and fecal coliform were detected in samples collected from all locations except for Capodichino. Pesticides and PCBs were not detected in any irrigation well samples.

No additional irrigation well sampling was recommended; the data provided sufficient information regarding the nature of contamination that may exist in irrigation well water.

Pre-Lease Sampling

Between September 2008 and January 2009, pre-lease sampling of homes was conducted. The Phase I Screening Risk Evaluation (**Pioneer, 2009**) indicated that VOCs and bacteria in tap water (primarily from private wells) were of concern to human health. Based on the results of the Phase I SRE, the Navy required sampling of tap water at residences located on the Economy prior to occupancy by U.S. personnel. If risks were considered acceptable according to risk management criteria set by the Navy, then personnel were allowed to sign a lease and move into the residence. If risks were unacceptable, the personnel were not allowed to move in and the house was removed from the Navy's Naples Housing List. The Navy sampled 240 homes as part of this Pre-lease sampling effort and 58 of these residences were sampled for additional media to be included in the Phase II investigation. Results of the risk evaluation were documented in letters to landlords and for the Navy's Naples Housing Office file.

1.2 SAMPLING OBJECTIVES

1.2.1 Phase II Ambient Air Sampling

The objective of the Phase II regional ambient air quality sampling and monitoring study was to measure concentrations of contaminants in air, some of which may be attributable to random burning of trash throughout Campania. Tetra Tech conducted extensive meteorological data gathering to support evaluation of ambient air quality in the investigated areas. This investigation spanned a one-year time period (between July 2008 and July 2009) to account for influence of changing weather conditions and patterns.

The essence of the "problem definition" in the Quality Assurance Project Plan (QAPP) developed for the ETSA (**Tetra Tech, 2008b**) is presented here with respect to the air pathway:

> *"The Conceptual Site Model (CSM) identifies multiple potential sources of contamination associated with trash dumping and burning in the Campania Region. Based on this model,……..[and the ambient air data evaluated between July 9, 2008 and July 8, 2009, were there unacceptable}….. human health risks to US DoD and Consulate personnel living in the Campania Region as evaluated by exposure to [ambient] air as a result of trash, trash burning, and dumping of waste?"*

To accomplish the established project goals, Tetra Tech sited and constructed a network of nine ambient air sampling stations strategically placed throughout the Campania Region. Ambient air samples were collected at each of the sampling stations and analyzed for volatile organic compounds (VOCs),

semivolatile organic compounds (SVOCs), dioxins/furans, pesticides, polychlorinated biphenyls (PCBs), PM_{10}, PM_{10} metals, mercury vapor, and aldehydes.

A meteorological tower at the Support Site (located in Gricignano, Italy) and a CAM system to measure criteria pollutants that have U.S. National Ambient Air Quality Standards (NAAQSs), also located at the Support Site, were constructed and operated as part of this year-long air quality study (**Figure 1-2**). The locations of the U.S. Navy Support Site meteorological tower, CAM system, the nine air sampling stations, and several Italian regional meteorological monitoring stations used to supplement the Navy's meteorological tower data are all shown in **Figure 1-3**.

The Phase I ETSA air investigation only spanned a period of 30 days. Because of this limited time period, the Project Team decided to extend the air investigation throughout the region for an additional 11 months. Samples were collected at the nine air sampling stations every 9 days for approximately the first 7 months, and then every 6 days (beginning March 6, 2009) for the remainder of the study. Both sampling cycles ensured that ambient air sample collection did not correlate with regularly scheduled weekly regional events, so that an unintended correlation between sample collection and potential weekly air emissions was averted.

1.2.2 Residential Sampling

1.2.2.1 Selection of Phase II Residences

The objective of the Phase II residential sampling was to characterize risks to Navy military and civilian personnel living in the Campania Region as evaluated by exposure to soil, soil gas, and tap water. The strategy for determining how many samples would be needed to support the project objective was based on filling spatial data gaps. This strategy supported the delineation of property clusters while also adding to the body of data from each study area to improve the confidence with which decisions could be made about the presence or absence of risk criteria exceedances.

The methodology for calculating risks is presented in **Volume II** of this report. Tap water and soil screening risk criteria for individual constituents were based on EPA residential RSLs, calculated based on a carcinogenic risk of 1×10^{-6} and/or a hazard quotient of 1.0, assuming a 30-year residential exposure duration. Soil gas screening criteria were based on the respective EPA RSLs for residential air, but a default vapor attenuation factor of 0.1 was used to predict indoor air concentrations based on soil gas concentrations. For purposes of this report, data are compared to the most stringent RSL. These RSLs are provided for context only and not for deriving conclusions about cumulative risk at a given residence.

During the Phase I investigation, Study Areas 1, 2, 5, 6, 7, and 8 were identified as areas where there were risk criteria exceedances. The minimum number of properties to be sampled in Phase II was set at 25, based on the number of samples that could reasonably be used to delineate clusters of properties that exceeded the risk criteria and that could significantly increase the confidence with which criteria exceedances could be identified. Sampling was unevenly distributed throughout the study areas because samples could only be collected from areas where U.S. Navy personnel lived and where the tenant and landlord agreed to allow sampling. The additional samples filled spatial gaps in the distribution of sampled properties and balanced the biased sampling that occurred in Phase I.

Study Areas 3, 4, and 9 were identified as having no risk criteria exceedances. The minimum number of properties to be sampled in Phase II was set at 20 based on the number of samples that could reasonably be used to delineate clusters of properties with risk criteria exceedances and that would increase the confidence with which an exceedance could be identified. In some of these areas, the number of properties available for sampling was less than the minimum number of samples recommended for collection for the reasons discussed above.

Table 1-1 summarizes the minimum number of Phase II residences to be collected in each study area as stipulated in the QAPP (**Tetra Tech, 2009b**) and the number of samples actually collected.

Table 1-1
Phase II Residential Sampling
NSA Naples, Naples, Italy

Study Area	Minimum Number of Samples for Phase II	Number of Samples Collected for Phase II
1	25	30
2	25	22
3	20	14
4	20	14
5	25	33
6	25	23
7	25	28
8	25	33
9	20	10
Outside Study Area[1]	0	2
Total	210	209

[1] When sampled, it was originally thought the homes were within the study areas. However, geographical coordinates indicated that they were just outside the boundaries.

Residences selected for Phase II sampling were in areas adjacent to properties sampled during the Pilot Study or Phase I investigation with exceedances of RSLs (**EPA, 2009b**) or tap water samples with exceedances of Maximum Contaminant Levels (MCLs). Homes initially selected for sampling were distributed through each study area to delineate the boundary between areas that exceed or do not exceed the risk criteria and MCLs. Guidance for selecting the properties was presented in the QAPP

(**Tetra Tech, 2008b**). However, availability, accessibility, and suitability of residences for sampling primarily dictated where samples were eventually collected, thus inserting some unintentional bias into the process.

1.2.2.2 Sampling of Phase II Residences

Because of conclusions drawn from the Phase I investigation, the analytical and sampling strategy for the Phase II investigation was modified from the Phase I investigation.

The soil gas results that were collected using passive methods during the Phase I investigation indicated that VOCs were present in the sampled study areas and suggested that there is some potential for vapor intrusion from subsurface soil gas. However, PSG results are qualitative in nature, and at best can be semi-quantitative. These semi-quantitative results were presented in the Phase I ETSA. To obtain more reliable quantitative soil gas data, active sub-slab soil gas sampling was conducted during the Phase II investigation.

Because of the uncertainty associated with knowing whether a residence is solely connected to a municipal water supply, the Phase I ETSA recommended continued sampling of tap water from homes presumed to be connected to a municipal water supply. Tap water was analyzed for VOCs, dioxins/furans, metals, bacteriological parameters, radiological parameters, anions, and field parameters. The Phase I ETSA data for tap water indicated that SVOCs and pesticides were not detected at concentrations greater than RSLs, MCLs, or background concentrations. Therefore, these analytes were excluded from further analysis of water samples during the Phase II investigation. Phase I ETSA data also indicated that gross beta activity concentrations exceeded risk-based criterion. Therefore, exceedances of risk-based criterion for gross alpha and gross beta radioactivity triggered radionuclide speciation of Phase II tap water samples to discern whether the source of radiological activity is naturally occurring or contamination.

During the Phase I investigation and based on results during the Phase II investigation, soil concentrations of arsenic, PAHs, and dioxins/furans were consistent with concentrations in urban environments. Therefore, the Project Team decided to terminate the collection of soil samples midway through the Phase II investigation. Soil samples that were collected prior to the termination of sampling were analyzed for VOCs, SVOCs, dioxins/furans, pesticides, PCBs, metals, and cyanide.

1.2.2.3 Step-Out Sampling

As a separate component of the Phase II study, Tetra Tech performed a step-out sampling investigation which involved identifying residential locations within 1,500 feet of Phase I properties sampled in Casal di

Principe (Study Area 8) where results indicated a potential groundwater contamination concern. The groundwater investigation was initiated because tap water samples (primarily well water) collected from homes in this area had concentrations of PCE at concentrations greater than EPA RSLs. The Navy's purpose was to identify other homes occupied by Navy personnel potentially impacted by the groundwater contamination.

It is common practice to use step-out sampling in environmental investigations to determine the extent of contamination in a geographic area. This method selects sampling locations at a specific distance (potentially in all directions) from the initial location where there is contamination with the goal of determining the extent of contamination. If there is contamination in the step-out samples attributable to the same chemical that was responsible for "triggering" the step-out investigation, field personnel would collect subsequent step-out samples until results were acceptable.

During the Public Health Evaluation, more contamination was detected in Study Area 8 in excess of health-based screening criteria, including bacteria in tap water and PCE in tap water and soil gas, than in any of the other study areas. To determine whether homes were impacted by the presumed groundwater contamination, the Navy began collecting tap water and soil gas samples, initially at a 500-foot radius, and then at a 1,500-foot radius, from the cluster of homes where PCE was detected. This "step-out" approach of 500 feet and 1,500 feet allowed the Navy to try to determine if properties near these locations also had similar levels of contamination.

Five homes in Study Area 8 that were sampled during the Phase I investigation triggered the 500-foot step-out sampling (**Figure 1-4** and **Figure 1-5**) conducted as part of Phase II. The step-out investigation also occurred in other study areas. One home in Study Area 3 (**Figure 1-6**) and one home in Study Area 5 (**Figure 1-8**) were also identified as homes that had unacceptable risks and triggered 500-foot step-out sampling. Only tap water samples were collected from these homes. The tap water samples were analyzed for VOCs, SVOCs, dioxins/furans, pesticides, PCBs, metals, bacteriological parameters, radiological parameters, anions, and field parameters. The tap water samples from these seven homes had concentrations of PCE greater than the inhalation-only tap water RSL, i.e., a risk-based screening level based on inhaling the contaminant as a result of volatilization from water. **Table 1-2** identifies those homes that triggered the step-out sampling and the corresponding homes located within 500 feet of the trigger homes. Because the results of step-out sampling indicated that all sampled residential properties had unacceptable risks, additional step-out sampling at radii of 1,500-feet from these initial step-out properties was recommended and performed (**Figure 1-7**). ASG and tap water samples were collected from the 1,500-foot step-out homes. The ASG samples were analyzed for VOCs and the tap water samples were analyzed for VOCs and field parameters. Beginning in June 2009, field personnel begin

collecting ambient air (AA) samples concurrent with ASG samples at 1,500-foot step-out properties to provide an additional line of evidence for evaluating data. The AA samples were only analyzed for VOCs.

1.2.2.4 Villa Literno Sampling

Villa Literno is a *comune* located in Study Area 5. One property (GPS ID #1767) located in Villa Literno was sampled during the Pilot Study and a second property (GPS ID #2016) was sampled as part of the Phase II investigation (**Figure 1-8**). The sampling results at both of these homes indicated an inhalation CEF in tap water associated with PCE that exceeded the risk criterion, i.e., the CEF is greater than 10, and that would trigger step-out sampling. However, at the time of sampling, no homes occupied by Navy personnel or on the Navy Public Housing inventory were located within 500 feet of these two residences. Because available information indicated that a majority of the homes in Villa Literno obtain their drinking water from private wells, the Navy decided to collect tap water (from the private well) and ASG samples from homes within Villa Literno to evaluate potential contamination. ASG and tap water samples were collected from these homes. The ASG samples were analyzed for VOCs and the tap water samples were analyzed for VOCs, dioxins/furans, metals, bacteriological parameters, radiological parameters, anions, and field parameters. Beginning in June 2009, field personnel begin collecting ambient air (AA) samples concurrent with ASG samples to provide an additional line of evidence for evaluating data. The AA samples were only analyzed for VOCs.

Table 1-2
Trigger Homes and Corresponding 500-Foot Step-Out Residences
NSA Naples, Naples, Italy

Trigger Residence	500-Foot Step-Out Residence
0309 (Study Area 8)	0244
	0246
	0250
	0366
	0368
	0409
0333 (Study Area 8)	No homes within 500 feet
0395 (Study Area 8)	0332
	0388
	0454
0434 (Study Area 8)	0270
	0411
1380 (Study Area 3)	No homes within 500 feet
1735 (Study Area 8)	1744
1767 (Study Area 5)	No homes within 500 feet

1.2.2.5 Active Soil Gas Sampling of Homes with Passive Soil Gas Results Exceeding Risk Criteria

As previously noted, soil gas was collected using passive collection techniques during the Phase I investigation. PSG results are qualitative in nature, but as stated above, soil gas concentrations can be estimated based on assumptions associated with soil conditions yielding results which be regarded as semi-quantitative. These semi-quantitative PSG results, in combination with results from other sampled media, indicated exceedances of the risk criteria in seven Phase I homes (**Table 1-3**). To confirm these exceedances, ASG samples were collected from these sampling locations.

Table 1-3
Passive Soil Gas Residences Exceeding Risk Criteria
NSA Naples, Naples, Italy

Residence	Study Area	Likely Water Source	Health Risk	Passive Soil Gas Contaminants	Water Contaminants
0199	6	Municipal	Unacceptable cumulative risk from all sampled media	Chloroform (did not exceed inhalation RSL)	Dioxin
0238	8	Well	Unacceptable VOCs	PCE	PCE
0548	6	Well	Unacceptable cumulative inhalation risk from water	None	Carbon Tetrachloride, Chloroform
0831	6	Municipal	PSG inhalation risk	PCE, TCE	Low Concentrations
0949	6	Municipal	PSG inhalation risk	PCE, TCE	Low Concentrations
1151	5	Municipal	PSG inhalation risk	Chloroform	NA
1157	5	Municipal	Unacceptable cumulative risk from all sampled media	PCE, Chloroform	Low Concentrations

NA Not Applicable
TCE Trichloroethene

1.2.2.6 Co-Located Active Soil Gas and Ambient Air Sampling

Beginning in June 2009, the Project Team decided to begin collecting residential ambient air samples concurrently with ASG samples (specific to a residence and not included with regional ambient air sampling data). The objective for collecting this additional information was to provide an additional line of evidence for interpreting the ASG results at a specific residence. A total of 27 ASG samples were co-located and co-collected with AA samples: 16 samples for the Phase II investigation and 11 samples for the 1,500-foot step-out locations.

1.2.2.7 Radionuclide Speciation

As part of the Phase I ETSA, the laboratory analyzed tap water samples for gross alpha and gross beta radioactivity. Radioactivity results were compared to EPA Safe Drinking Water Act (SDWA) Maximum Contaminant Levels (MCL). The gross alpha and the gross beta MCLs are 15 pCi/L and 4 millirem per year (mrem/y), respectively. However, because the gross beta MCL is expressed as a dose exposure over time rather than a level of radiological activity, an equivalent activity of 8 pCi/L, based on strontium-90, was instead used as the MCL for gross beta. Exceedances of these criteria indicated that further investigation of the water samples were appropriate to determine if the activity levels were naturally occurring or related to contamination. The tap water samples underwent radionuclide speciation to determine whether the radioactivity was from naturally occurring sources or could be potentially attributed to contamination (**Tetra Tech, 2009c**).

1.2.3 Aqueduct Source Water Sampling

As another part of the Phase II investigation, Tetra Tech sampled 14 upgradient aqueduct locations that supply drinking water to the nine study areas in the Campania region. **Figure 1-10** shows the 14 sampling locations. Tetra Tech coordinated this aqueduct sampling activity with the Environmental Department Water Section of the Campania Region (*Assessorato all'Ambiente*), which is the host-nation regional regulatory agency charged with drinking water quality for the Campania Region.

Tetra Tech collected water samples from the aqueduct sources on five separate dates: September 28 and October 1, 7, 8 and 14, 2009. The sampling included collection of aqueduct samples for fixed-based laboratory analyses, collection of field water quality parameter data, and measurement and recording of geographical coordinates. Tetra Tech performed these activities in accordance with the project standard operating procedures, quality assurance and quality control (QC) requirements, and methodologies described in the Field Task Modification Request (FTMR) (**Tetra Tech, 2009b**) and final NSA Naples QAPP (**Tetra Tech, 2009c**).

The Environmental Department Water Section of the Campania Region (*Assessorato all'Ambiente*) selected the aqueduct sampling locations and defined the sampling schedule. In addition to personnel from the Campania Region Water Authority, representatives from the U.S. Navy Capodichino Public Works Environmental Department accompanied Tetra Tech samplers. Personnel from Azienda risorse idriche Napoli *(ARIN)* Laboratories, under contract to the regional aqueducts, were also present and collected samples concurrently at five locations.

1.2.4 Vapor Intrusion Investigation at Capodichino and the Gricignano Support Site

The presence of VOCs in water samples collected from irrigation wells at Capodichino and the Gricignano Support Site suggested that vapor intrusion could be a potential contaminant transport pathways at these installations. PCE was the prevalent contaminant detected in irrigation well water. Therefore, the Navy initiated a vapor intrusion investigation by collecting ASG samples, indoor air quality samples, and ambient air samples.

1.3 QUALITY CONTROL

QC samples including field duplicates and trip blanks (excluding ambient air) were collected or generated during all environmental sampling activities. Field duplicates were used to assess the overall precision of the sampling and analysis program. Duplicate samples were collected at 5 percent of the sampling locations for each medium.

Sufficient volumes of soil and water were collected to provide samples for matrix spike (MS) and matrix spike duplicate (MSD) analyses. The MS is an investigative sample analyzed to provide information about the effect of the sample matrix on the digestion and measurement methodology. MS/MSD pairs were collected at a rate of 5 percent of samples (1 per 20 samples).

Trip blanks were used to assess the potential for contamination of VOC samples resulting from migration into sample containers during sample shipment and storage. Except for ambient air, trip blanks are prepared by the laboratory prior to the sampling event, shipped to the site with the sample containers, and kept with the investigative samples throughout the sample event. They are then packaged for shipment with other VOC samples and sent for analysis. One trip blank was included in each sample shipping container that contained VOCs.

Approximately 20 percent of all laboratory samples collected for the Phase II investigation were validated in accordance with EPA guidelines and analytical method requirements. The remaining 80 percent of the samples were not fully validated, but underwent a verification review step that checked for agreement between hardcopy results and the electronic data provided by the laboratory. Data validation is an objective systematic process in which analytical data are reviewed to ascertain the validity of the reported results and to alert the data user to the possible limitation of these results. The process of data validation is designed to ensure compliance with analytical methodologies and procedures and to provide data that are technically defensible to the end user.

Data validation procedures were conducted in accordance with one or more of the following:

- EPA Contract Laboratory Program National Functional Guidelines for Organic and Inorganic Data Review (EPA-540/R-99-008, & EPA-540/R-04-004).

- Analytical method procedures (Test Methods for Evaluating Solid Waste Physical/Chemical Methods SW-846, Third Edition).

- Department of Defense Quality Systems Manual (QSM) for Environmental Laboratories, Final Version 3, January 2006.

SGS Laboratories was selected to provide analytical support because it was the only laboratory identified within Europe that could provide analytical results using EPA methodologies and produce a comprehensive Level IV data validation deliverable. The Level IV data validation deliverable includes all the raw data and QC parameters, such as calibration information, blank summaries, surrogate recoveries, and internal standards information. Additionally, it was a project requirement that analytical results be provided without local or regional influences. Therefore, only SGS Laboratories, with laboratory facilities outside of Italy, could meet this requirement. The following SGS laboratories were used:

- SGS in Herten, Germany, was used for all routine chemical analyses of water, soil, and air.
- SGS in Rouen, France, was initially used for all radiological analyses of water.
- SGS in Antwerpen, Belgium was used for dioxin analyses of water, soil, and air.
- SGS techicians, from Germany worked at the U.S. Naval Hospital Naples to perform bacteriological analyses because the less than 8-hour holding time requirement prior to analysis prevented shipment of samples out of Italy without exceeding the holding time requirement.

For radiological analyses of water, samples were shipped to SGS in Rouen, France, and GEL Laboratories in Charleston, South Carolina. GEL Laboratories was only tasked to analyze the water samples if results from the initial radiological analysis indicated that radionuclide speciation was warranted (**Section 9.0**). Beginning in February 2009 of the Phase II investigation, the Project Team decided to begin sending all radiological analyses to GEL Laboratories.

The data were validated and indicated that the quality of the data meets the objective of supporting a screening risk evaluation. For statistical comparisons and mathematical manipulations, non-detected values (U-qualified data) were represented by a concentration equal to one-half the sample-specific reporting limit. Duplicate results (original and duplicate) were not averaged to represent the range of

reporting limits; however, the average of the original and duplicate samples was used to represent the concentration at a specific sampling location. Analytes qualified as estimated (J-qualified data), indicate that the analyte is detected, but its concentration is reported at a concentration less than the quantitation limit. These values were used as reported in the screening risk evaluation, statistical comparisons, and mathematical manipulations. Data regarded as unreliable (R-qualified) were not used in the screening risk evaluation.

1.4 SAMPLE TRACKING, CHAIN-OF-CUSTODY PROCEDURES, AND RECORD KEEPING

All samples collected were recorded by the Field Operations Leader (FOL) on chain-of-custody (COC) forms. Each COC form included the identification numbers of the samples collected on a given day, time(s) of collection, and names of the samplers and others who subsequently had custody of the samples. The COC form also included the chemical analyses requested. Stringent COC procedures were followed to document sample possession.

In addition to COC forms, certain standard forms were completed for each sample. These included sample log sheets and daily records of investigation reports. Field data were collected and managed on tablet field computers (i.e. Panasonic ToughBooks) through the eData electronic data collection software application. This method of data collection allowed for single point data entry by the field team. As samples were collected, the field team used wireless internet connections to upload field data to a secure website. The FOL and project team could review and discuss field data in real-time or near real-time as needed to guide sampling and analysis decisions. The Field Operations Leader (FOL) generated all COC forms from the system, with email notifications being sent to the appropriate analytical laboratories and project team members. Project sampling progress, pre-loading of planned sample logs and locations, and details for all samples collected were available to field and project team personnel on the project website. A compilation of sample log sheets is provided in **Appendix A**.

1.5 REPORT ORGANIZATION

Volume I of this report summarizes the results of samples collected for Phase II of this investigation, including Phase I of the ambient air study, in addition to other relevant investigations that overlapped into Phase II. These additional investigations included the step-out sampling, sampling of homes in Villa Literno, sampling of Phase I homes that had PSG concentrations that exceeded risk criteria, aqueduct sampling, and the vapor intrusion investigation at Capodichino and the Gricignano Support Site. Volume I provides comparisons of the data to relevant risk-based criteria, regulatory criteria, and background concentrations, where available. **Volume II** of this report uses the data presented in Volume I to conduct a screening risk evaluation. The screening risk evaluation was conducted in accordance with EPA Risk Assessment Guidance for Superfund and the NSA Naples, Italy, and the

QAPP (**Tetra Tech, 2009c**). **Volume III** of the PHE uses the data in Volume I, the screening evaluation in **Volume II**, and additional public health studies to provide a Public Health Summary.

This document comprises Volume I of the Phase II ETSA and it is segregated into the following sections:

- **Section 1.0** is this introduction.
- **Section 2.0** provides a summary of the year-long ambient air study results from the nine air sampling locations, a comparison of the data to relevant risk-based and regulatory criteria, a summary of continuously-monitored criteria pollutants, and a summary of the meteorological data.
- **Section 3.0** provides a summary of the sampling results from the Phase II residences in the various study areas and a comparison of the data to relevant risk-based criteria.
- **Section 4.0** provides a summary of the sampling results from the residences in the 1500-foot step-out sampling area, including those initially sampled as part of the 500-foot Post Phase I investigation, and a comparison of the data to relevant risk-based criteria.
- **Section 5.0** provides a summary of the sampling results from the residences in Villa Literno and a comparison of the data to relevant risk-based criteria.
- **Section 6.0** provides a summary of the ASG sampling results from those residences with PSG results that exceeded risk criteria and a comparison of the data to relevant risk-based criteria and background concentrations.
- **Section 7.0** presents a summary of the source water aqueduct sampling results.
- **Section 8.0** presents a summary of the vapor intrusion investigations conducted at Capodichino and the Gricignano Support Site.
- **Section 9.0** presents a summary of the radionuclide speciation of the tap water results with gross alpha or gross beta radioactivity exceeding MCLs.
- **Section 10.0** provides a data quality review. Finally,
- **Section 11.0** presents the conclusions of the report and recommendations for any further investigation.

Also, **Table 1-4** provides an inventory of the samples collected during the Phase II investigation. A summary of the analyses for the Phase II sampling events is provided is **Table 1-5**. Data collected during the Phase I investigation can be obtained from Volume I of the Phase I ETSA (**Tetra Tech, 2009a**).

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
0009	01		PHASE I					SG	TW	SO	
0010	01						PHASE II	SG	TW		
0021	01						PHASE II	SG	TW		
0024	01						PHASE II	SG	TW		
0030	01				PRE-LEASE HOME				TW		
0043	01				PRE-LEASE HOME				TW		
0045	01		PHASE I					SG	TW	SO	
0049	01		PHASE I					SG	TW	SO	
0055	01				PRE-LEASE HOME				TW		
0058	01		PHASE I					SG	TW	SO	
0061	01				PRE-LEASE HOME				TW		
0063	01				PRE-LEASE HOME				TW		
0071	01				PRE-LEASE HOME				TW		
0073	01		PHASE I					SG	TW	SO	
0074	01				PRE-LEASE HOME				TW		
0076	01				PRE-LEASE HOME				TW		
0077	01		PHASE I					SG	TW	SO	
0079	01				PRE-LEASE HOME				TW		
0082	01						PHASE II	SG	TW	SO	
0085	01						PHASE II	SG	TW	SO	
0104	07						PHASE II	SG	TW	SO	
0111	07	PILOT STUDY	PHASE I					SG	TW	SO	
0114	04						PHASE II	SG	TW		
0117	01		PHASE I					SG	TW	SO	
0120	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	
0138	01	PILOT STUDY	PHASE I						TW	SO	
0139	01				PRE-LEASE HOME				TW		
0143	01				PRE-LEASE HOME				TW		
0146	01				PRE-LEASE HOME				TW		
0147	01				PRE-LEASE HOME				TW		
0151	01				PRE-LEASE HOME				TW		
0154	01				PRE-LEASE HOME				TW		
0156	01				PRE-LEASE HOME				TW		

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
0157	01				PRE-LEASE HOME				TW		
0163	01				PRE-LEASE HOME				TW		
0167	01						PHASE II	SG	TW		
0170	01		PHASE I					SG	TW	SO	
0171	01				PRE-LEASE HOME		PHASE II	SG	TW		AS
0180	01						PHASE II	SG	TW		
0185	01						PHASE II	SG			AS
0193	08		PHASE I						TW		
0197	06		PHASE I						TW		
0198	06						PHASE II	SG	TW	SO	
0199	06		PHASE I				PHASE II	SG	TW	SO	
0200	09						PHASE II		TW		
0214	08		PHASE I					SG	TW	SO	
0217	08		PHASE I					SG	TW	SO	
0225	08					1500 FT STEP OUT		SG	IW		AS
0227	08				PRE-LEASE HOME		PHASE II	SG	TW		
0231	08					1500 FT STEP OUT		SG	IW		
0234	08					1500 FT STEP OUT		SG	TW		AS
0238	08		PHASE I					SG	TW	SO	
0244	08			POST-PHASE I 500 FT RADIUS					TW		
0246	08			POST-PHASE I 500 FT RADIUS			PHASE II		TW	SO	
0250	08			POST-PHASE I 500 FT RADIUS					TW		
0263	08		PHASE I					SG	TW	SO	
0266	08						PHASE II	SG	TW		
0269	08					1500 FT STEP OUT		SG	TW		
0270	08			POST-PHASE I 500 FT RADIUS					TW		
0271	08		PHASE I					SG	TW	SO	
0275	08					1500 FT STEP OUT		SG			
0276	08					1500 FT STEP OUT		SG	IW		AS
0279	08					1500 FT STEP OUT		SG			AS
0283	08		PHASE I					SG	TW	SO	
0288	08					1500 FT STEP OUT		SG	IW		
0290	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
0302	08						PHASE II	SG	TW		
0309	08		PHASE I					SG	TW	SO	
0326	08					1500 FT STEP OUT		SG	TW		AS
0329	08					1500 FT STEP OUT		SG			AS
0332	08			POST-PHASE I 500 FT RADIUS					TW		
0333	08		PHASE I				PHASE II	SG	TW	SO	
0339	08					1500 FT STEP OUT		SG	TW		AS
0341	08					1500 FT STEP OUT		SG			
0343	08					1500 FT STEP OUT		SG	TW		AS
0345	08					1500 FT STEP OUT		SG			
0346	08		PHASE I					SG	TW	SO	
0354	08					1500 FT STEP OUT		SG	TW		
0362	08				PRE-LEASE HOME				TW		
0366	08			POST-PHASE I 500 FT RADIUS					TW		
0368	08			POST-PHASE I 500 FT RADIUS					TW		
0371	08					1500 FT STEP OUT		SG			
0374	08					1500 FT STEP OUT		SG			AS
0376	08						PHASE II	SG	TW		
0380	08		PHASE I					SG	TW	SO	
0383	08		PHASE I					SG	TW	SO	
0388	08			POST-PHASE I 500 FT RADIUS					TW		
0393	08				PRE-LEASE HOME		PHASE II	SG	TW		
0395	08		PHASE I					SG	TW	SO	
0397	08				PRE-LEASE HOME				TW		
0402	08		PHASE I						TW		
0409	08			POST-PHASE I 500 FT RADIUS					TW		
0410	08					1500 FT STEP OUT		SG			
0411	08			POST-PHASE I 500 FT RADIUS					TW		
0416	08					1500 FT STEP OUT		SG	IW		
0419	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	
0427	08					1500 FT STEP OUT		SG	TW		
0434	08		PHASE I					SG	TW	SO	
0436	08					1500 FT STEP OUT		SG	IW		

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
0438	08				PRE-LEASE HOME				TW		
0440	08		PHASE I					SG	TW	SO	
0454	08			POST-PHASE I 500 FT RADIUS					TW		
0457	08		PHASE I					SG	TW	SO	
0459	07						PHASE II	SG	TW	SO	
0460	08						PHASE II	SG	TW		
0462	08					1500 FT STEP OUT		SG	IW		
0476	08				PRE-LEASE HOME				TW		
0479	03						PHASE II	SG	TW	SO	
0488	08						PHASE II	SG	TW		AS
0491	08		PHASE I					SG	TW	SO	
0497	08		PHASE I				PHASE II	SG	TW	SO	
0499	08		PHASE I					SG	TW	SO	
0501	08		PHASE I					SG	TW	SO	
0502	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	
0504	08		PHASE I					SG	TW	SO	
0512	08						PHASE II	SG	TW		AS
0516	08		PHASE I					SG	TW	SO	
0517	08		PHASE I					SG	TW	SO	
0525	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	
0529	08		PHASE I					SG	TW	SO	
0539	08		PHASE I					SG	TW	SO	
0547	08		PHASE I					SG	TW	SO	
0548	06		PHASE I				PHASE II	SG	TW	SO	AS
0549	09		PHASE I						TW		
0551	09						PHASE II	SG	TW	SO	
0552	09						PHASE II	SG	TW	SO	
0564	05						PHASE II	SG	TW		
0567	05				PRE-LEASE HOME				TW		
0574	05						PHASE II	SG	TW		
0588	01						PHASE II	SG	TW	SO	
0589	01						PHASE II	SG	TW	SO	
0598	01						PHASE II	SG	TW		

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

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RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
0659	07		PHASE I						TW		
0764	05				PRE-LEASE HOME				TW		
0771	04						PHASE II	SG	TW	SO	
0774	04		PHASE I					SG	TW	SO	
0775	05				PRE-LEASE HOME				TW		
0777	04		PHASE I					SG	TW	SO	
0789	06				PRE-LEASE HOME		PHASE II	SG	TW		
0801	06						PHASE II	SG	TW		
0805	06				PRE-LEASE HOME		PHASE II	SG	TW		AS
0806	06		PHASE I						TW		
0813	06						PHASE II	SG	TW		
0814	06						PHASE II	SG	TW		
0815	06						PHASE II	SG			AS
0822	06						PHASE II	SG			
0823	06				PRE-LEASE HOME				TW		
0827	06						PHASE II	SG	TW		AS
0831	06		PHASE I				PHASE II	SG	TW	SO	
0834	06				PRE-LEASE HOME				TW		
0837	06						PHASE II	SG	TW		
0838	06						PHASE II	SG	TW	SO	
0844	06	PILOT STUDY	PHASE I					SG	TW	SO	
0848	06						PHASE II	SG	TW		
0850	06				PRE-LEASE HOME				TW		
0851	06		PHASE I				PHASE II	SG	TW		AS
0854	06				PRE-LEASE HOME				TW		
0882	05						PHASE II	SG	IW		
0894	05						PHASE II	SG	TW	SO	
0897	05		PHASE I					SG	TW	SO	
0901	05		PHASE I					SG	TW	SO	
0907	05		PHASE I					SG	TW	SO	
0917	05						PHASE II	SG	TW		
0921	05		PHASE I					SG	TW	SO	
0923	05						PHASE II	SG	TW		

SG Soil Gas
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SO Soil
AS Residential Ambient Air

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RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
0945	05				PRE-LEASE HOME				TW		
0947	05		PHASE I					SG	TW	SO	
0949	05		PHASE I					SG	TW	SO	
0950	05		PHASE I					SG	TW	SO	
0953	05				PRE-LEASE HOME				TW		
0961	05				PRE-LEASE HOME		PHASE II		TW		
0964	05		PHASE I					SG	TW	SO	
0967	05		PHASE I					SG	TW	SO	
0973	05		PHASE I					SG	TW	SO	
0974	05		PHASE I					SG	TW	SO	
0975	05				PRE-LEASE HOME		PHASE II	SG	TW	SO	
0984	05		PHASE I					SG	TW	SO	
0989	05		PHASE I					SG	TW	SO	
0998	05				PRE-LEASE HOME				TW		
1008	05		PHASE I					SG	TW	SO	
1010	05		PHASE I					SG	TW	SO	
1013	05		PHASE I					SG	TW	SO	
1016	05		PHASE I					SG	TW	SO	
1020	05						PHASE II	SG	TW		
1023	05		PHASE I					SG	TW	SO	
1050	05		PHASE I					SG	TW	SO	
1053	05		PHASE I					SG	TW	SO	
1059	05		PHASE I					SG	TW	SO	
1074	05		PHASE I					SG	TW	SO	
1082	05				PRE-LEASE HOME				TW		
1098	05				PRE-LEASE HOME				TW		
1100	05				PRE-LEASE HOME				TW		
1115	05		PHASE I					SG	TW	SO	
1116	05				PRE-LEASE HOME				TW		
1119	05				PRE-LEASE HOME		PHASE II	SG	TW		
1120	05						PHASE II	SG	TW	SO	
1130	05		PHASE I					SG	TW	SO	
1132	05				PRE-LEASE HOME		PHASE II	SG	TW	SO	

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RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
1135	05				PRE-LEASE HOME				TW		
1137	05				PRE-LEASE HOME				TW		
1139	01				PRE-LEASE HOME				TW		
1148	05						PHASE II	SG	TW		
1151	05		PHASE I				PHASE II	SG	TW	SO	
1157	05		PHASE I				PHASE II	SG	TW	SO	
1159	01				PRE-LEASE HOME				TW		
1168	05		PHASE I					SG	TW	SO	
1169	05				PRE-LEASE HOME				TW		
1179	05				PRE-LEASE HOME				TW		
1182	05				PRE-LEASE HOME		PHASE II	SG	TW		
1184	05				PRE-LEASE HOME				TW		
1187	01						PHASE II		TW		
1190	01				PRE-LEASE HOME				TW		
1191	01				PRE-LEASE HOME				TW		
1194	00				PRE-LEASE HOME		PHASE II	SG	TW		AS
1201	06						PHASE II	SG	TW		
1202	06		PHASE I					SG	TW	SO	
1204	03		PHASE I					SG	TW	SO	
1211	01		PHASE I					SG	TW	SO	
1227	01						PHASE II	SG	TW		
1237	01				PRE-LEASE HOME				TW		
1239	01				PRE-LEASE HOME				TW		
1264	01				PRE-LEASE HOME				TW		
1269	01				PRE-LEASE HOME				TW		
1273	01		PHASE I						TW	SO	
1284	01				PRE-LEASE HOME				TW		
1304	01				PRE-LEASE HOME				TW		
1312	01						PHASE II	SG	TW	SO	
1315	05						PHASE II	SG	TW		
1320	01		PHASE I					SG	TW	SO	
1327	02		PHASE I						TW		
1332	02						PHASE II		TW		

SG Soil Gas
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SO Soil
AS Residential Ambient Air

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RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
1333	02		PHASE I						TW		
1334	02						PHASE II	SG	TW		
1337	02		PHASE I						TW		
1341	03		PHASE I						TW		
1344	02				PRE-LEASE HOME		PHASE II		TW		
1345	02						PHASE II		TW		
1346	02						PHASE II		TW		
1351	02						PHASE II		TW		
1355	02						PHASE II		TW		
1356	02						PHASE II		TW		
1361	06	PILOT STUDY	PHASE I					SG	TW	SO	AS
1362	06				PRE-LEASE HOME				TW		
1363	06				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1364	06						PHASE II	SG	TW	SO	
1365	06		PHASE I						TW		
1369	07		PHASE I					SG	TW	SO	
1370	07				PRE-LEASE HOME		PHASE II	SG	TW		
1380	03		PHASE I					SG	TW	SO	
1384	02						PHASE II	SG	TW		
1385	02						PHASE II		TW		
1389	02		PHASE I				PHASE II	SG	TW		
1391	02		PHASE I						TW		
1395	02		PHASE I						TW		
1402	02						PHASE II		TW		
1409	01		PHASE I					SG	TW	SO	
1433	01				PRE-LEASE HOME				TW		
1443	01						PHASE II	SG	TW	SO	
1449	01				PRE-LEASE HOME				TW		
1450	01						PHASE II	SG	TW		
1454	01		PHASE I					SG	TW	SO	
1456	01						PHASE II	SG	TW		
1459	01				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1463	01		PHASE I					SG	TW	SO	

SG Soil Gas
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SO Soil
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RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
1473	01				PRE-LEASE HOME				TW		
1485	04				PRE-LEASE HOME				TW		
1486	01				PRE-LEASE HOME				TW		
1501	01				PRE-LEASE HOME				TW		
1511	01		PHASE I					SG	TW	SO	
1516	01		PHASE I					SG	TW	SO	
1517	01				PRE-LEASE HOME		PHASE II		TW		
1520	01				PRE-LEASE HOME				TW		
1522	01		PHASE I					SG	TW	SO	
1529	01						PHASE II	SG	TW		
1545	01		PHASE I					SG	TW	SO	
1547	01		PHASE I					SG	TW	SO	
1548	01				PRE-LEASE HOME				TW		
1559	04		PHASE I					SG	TW	SO	
1562	04						PHASE II	SG	TW	SO	
1566	04						PHASE II		TW		
1567	01		PHASE I					SG	TW	SO	
1569	04						PHASE II	SG	TW	SO	
1570	04						PHASE II	SG	TW		
1589	09		PHASE I					SG	TW	SO	
1591	08		PHASE I					SG	TW	SO	
1602	08		PHASE I					SG	TW	SO	
1606	08		PHASE I					SG	TW	SO	
1607	08		PHASE I					SG	TW	SO	
1608	08		PHASE I					SG	TW	SO	
1613	08						PHASE II		TW		
1614	08		PHASE I					SG	TW	SO	
1621	08					1500 FT STEP OUT		SG	TW		AS
1628	08		PHASE I						TW	SO	
1633	07						PHASE II	SG	TW	SO	
1634	08		PHASE I					SG	TW	SO	
1635	07						PHASE II	SG	TW		
1637	07		PHASE I					SG	TW	SO	

SG Soil Gas
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RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
1638	08						PHASE II		TW	SO	
1641	03		PHASE I					SG	TW	SO	
1659	06						PHASE II	SG	TW		
1661	06		PHASE I					SG	TW	SO	
1665	06		PHASE I						TW		
1675	07		PHASE I					SG	TW	SO	
1688	05		PHASE I					SG	TW	SO	
1692	05		PHASE I					SG	TW	SO	
1694	05				PRE-LEASE HOME		PHASE II	SG	TW		
1699	05						PHASE II	SG	TW		
1704	06				PRE-LEASE HOME		PHASE II	SG	TW		
1713	05	PILOT STUDY	PHASE I					SG	TW	SO	AS
1715	05				PRE-LEASE HOME				TW		
1719	04				PRE-LEASE HOME				TW		
1731	08				PRE-LEASE HOME				TW		
1732	07	PILOT STUDY	PHASE I						TW	SO	
1735	08		PHASE I					SG	TW	SO	
1737	08				PRE-LEASE HOME				TW		
1738	08		PHASE I					SG	TW	SO	
1742	08						PHASE II	SG	TW		
1744	07		PHASE I					SG	TW	SO	
1747	08				PRE-LEASE HOME				TW		
1749	07						PHASE II	SG	TW	SO	
1751	05						PHASE II	SG	TW		AS
1756	05						PHASE II	SG	TW		AS
1766	05						PHASE II	SG	IW		
1767	05	PILOT STUDY	PHASE I					SG	TW	SO	
1771	05						PHASE II	SG	TW		AS
1783	02				PRE-LEASE HOME		PHASE II		TW		
1785	02		PHASE I				PHASE II	SG	TW		
1787	02						PHASE II		TW		
1788	02						PHASE II	SG	TW	SO	
1790	02						PHASE II		TW		

SG Soil Gas
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RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
1794	02						PHASE II	SG	TW		
1795	02		PHASE I						TW		
1797	06		PHASE I					SG	TW	SO	
1798	08		PHASE I					SG	TW	SO	
1799	03		PHASE I						TW		
1800	05		PHASE I					SG	TW	SO	
1804	05				PRE-LEASE HOME				TW		
1805	07				PRE-LEASE HOME		PHASE II		TW		
1806	05				PRE-LEASE HOME				TW		
1807	01				PRE-LEASE HOME				TW		
1808	06				PRE-LEASE HOME				TW		
1809	04				PRE-LEASE HOME		PHASE II		TW		
1810	07				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1811	01				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1812	01				PRE-LEASE HOME		PHASE II		TW	SO	
1813	05				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1814	01				PRE-LEASE HOME				TW		
1815	08				PRE-LEASE HOME				TW		
1816	06				PRE-LEASE HOME				TW		
1817	02				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1818	06				PRE-LEASE HOME				TW		
1819	05				PRE-LEASE HOME				TW		
1821	01				PRE-LEASE HOME				TW		
1822	01				PRE-LEASE HOME				TW		
1823	01				PRE-LEASE HOME				TW		
1824	08				PRE-LEASE HOME				TW		
1825	05				PRE-LEASE HOME				TW		
1826	01				PRE-LEASE HOME				TW		
1827	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1828	05				PRE-LEASE HOME				TW		
1829	01				PRE-LEASE HOME				TW		
1830	01				PRE-LEASE HOME				TW		
1831	08				PRE-LEASE HOME				TW		

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RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
1832	01				PRE-LEASE HOME				TW		
1833	08				PRE-LEASE HOME				TW		
1834	01				PRE-LEASE HOME				TW		
1835	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1836	06				PRE-LEASE HOME				TW		
1837	08				PRE-LEASE HOME				TW		
1838	02				PRE-LEASE HOME		PHASE II		TW		
1839	01				PRE-LEASE HOME		PHASE II	SG	TW		
1840	08				PRE-LEASE HOME				TW		
1841	05				PRE-LEASE HOME				TW		
1842	05				PRE-LEASE HOME		PHASE II	SG	TW		
1843	05				PRE-LEASE HOME		PHASE II	SG	TW		
1844	05				PRE-LEASE HOME				TW		
1845	05				PRE-LEASE HOME				TW		
1846	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1847	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1848	08				PRE-LEASE HOME				TW		
1849	05				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1850	08				PRE-LEASE HOME	1500 FT STEP OUT		SG	TW		AS
1851	07				PRE-LEASE HOME		PHASE II		TW		
1852	01				PRE-LEASE HOME				TW		
1853	01				PRE-LEASE HOME				TW		
1854	01				PRE-LEASE HOME				TW		
1855	05				PRE-LEASE HOME				TW		
1856	00				PRE-LEASE HOME				TW		
1857	08				PRE-LEASE HOME		PHASE II	SG	TW		
1858	08				PRE-LEASE HOME				TW		
1859	08				PRE-LEASE HOME		PHASE II	SG	TW		
1860	01				PRE-LEASE HOME				TW		
1861	01				PRE-LEASE HOME				TW		
1863	01				PRE-LEASE HOME				TW		
1864	06				PRE-LEASE HOME				TW		
1865	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
1866	06				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1867	01				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1868	05				PRE-LEASE HOME				TW		
1869	01				PRE-LEASE HOME				TW		
1870	01				PRE-LEASE HOME				TW		
1872	04				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1873	05				PRE-LEASE HOME				TW		
1874	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1875	01				PRE-LEASE HOME				TW		
1876	05				PRE-LEASE HOME				TW		
1877	06				PRE-LEASE HOME				TW		
1878	08				PRE-LEASE HOME		PHASE II		TW	SO	
1879	07				PRE-LEASE HOME				TW		
1880	05				PRE-LEASE HOME				TW		
1881	05				PRE-LEASE HOME				TW		
1882	01				PRE-LEASE HOME				TW		
1883	05				PRE-LEASE HOME				TW		
1884	00				PRE-LEASE HOME				TW		
1885	08				PRE-LEASE HOME				TW		
1886	01				PRE-LEASE HOME				TW		
1887	05				PRE-LEASE HOME				TW		
1888	05				PRE-LEASE HOME				TW		
1889	05				PRE-LEASE HOME				TW		
1890	01				PRE-LEASE HOME				TW		
1891	05				PRE-LEASE HOME				TW		
1892	01				PRE-LEASE HOME				TW		
1893	01				PRE-LEASE HOME				TW		
1894	05				PRE-LEASE HOME				TW		
1895	01				PRE-LEASE HOME				TW		
1896	01				PRE-LEASE HOME				TW		
1897	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	
1898	05				PRE-LEASE HOME				TW		
1899	08				PRE-LEASE HOME		PHASE II	SG	TW	SO	

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
1900	07				PRE-LEASE HOME				TW		
1901	01				PRE-LEASE HOME				TW		
1902	05				PRE-LEASE HOME				TW		
1903	01				PRE-LEASE HOME				TW		
1904	08				PRE-LEASE HOME				TW		
1905	05				PRE-LEASE HOME				TW		
1906	00				PRE-LEASE HOME				TW		
1907	01				PRE-LEASE HOME				TW		
1908	01				PRE-LEASE HOME				TW		
1909	05				PRE-LEASE HOME				TW		
1910	06				PRE-LEASE HOME				TW		
1911	07				PRE-LEASE HOME		PHASE II	SG	TW		
1912	05				PRE-LEASE HOME				TW		
1914	02				PRE-LEASE HOME				TW		
1916	01				PRE-LEASE HOME				TW		
1917	01				PRE-LEASE HOME				TW		
1918	05				PRE-LEASE HOME				TW		
1919	01				PRE-LEASE HOME				TW		
1920	01				PRE-LEASE HOME				TW		
1921	06				PRE-LEASE HOME				TW		
1922	05				PRE-LEASE HOME				TW		
1923	07				PRE-LEASE HOME		PHASE II	SG	TW		
1924	05				PRE-LEASE HOME				TW		
1925	01				PRE-LEASE HOME				TW		
1926	07				PRE-LEASE HOME		PHASE II	SG	TW		AS
1927	06				PRE-LEASE HOME				TW		
1928	01				PRE-LEASE HOME		PHASE II	SG	TW		
1929	06				PRE-LEASE HOME				TW		
1930	05				PRE-LEASE HOME				TW		
1931	05				PRE-LEASE HOME				TW		
1933	05				PRE-LEASE HOME				TW		
1935	07				PRE-LEASE HOME				TW		
1936	07				PRE-LEASE HOME				TW		

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
1937	05				PRE-LEASE HOME				TW		
1940	07				PRE-LEASE HOME				TW		
1941	01				PRE-LEASE HOME				TW		
1942	06				PRE-LEASE HOME		PHASE II	SG	TW		
1943	01				PRE-LEASE HOME				TW		
1944	07				PRE-LEASE HOME				TW		
1945	05				PRE-LEASE HOME		PHASE II	SG	TW		AS
1946	07				PRE-LEASE HOME				TW		
1947	01				PRE-LEASE HOME				TW		
1960	07				PRE-LEASE HOME				TW		
1961	05				PRE-LEASE HOME				TW		
1962	06				PRE-LEASE HOME				TW		
1963	07				PRE-LEASE HOME				TW		
1964	01				PRE-LEASE HOME		PHASE II		TW		
1965	06				PRE-LEASE HOME				TW		
1966	05				PRE-LEASE HOME				TW		
1967	05				PRE-LEASE HOME				TW		
1968	06				PRE-LEASE HOME				TW		
1969	05				PRE-LEASE HOME		PHASE II	SG	TW		AS
1970	07				PRE-LEASE HOME				TW		
1971	06				PRE-LEASE HOME				TW		
1980	01				PRE-LEASE HOME				TW		
1989	03						PHASE II	SG	TW	SO	
1995	08					1500 FT STEP OUT		SG			
2002	09						PHASE II		TW		
2003	09						PHASE II	SG	TW	SO	
2006	03						PHASE II		TW		
2016	05						PHASE II	SG	TW	SO	
2017	06						PHASE II	SG	TW		
2018	08						PHASE II	SG	TW	SO	
2021	05						PHASE II	SG	TW		
2023	07						PHASE II	SG	TW	SO	
2027	06				PRE-LEASE HOME				TW		

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
2030	03						PHASE II		TW		
2032	08						PHASE II	SG	TW		
2035	03						PHASE II		TW		
2040	09						PHASE II	SG	TW		
2044	03						PHASE II	SG	TW	SO	
2045	03						PHASE II	SG	TW	SO	
2049	05						PHASE II	SG	TW	SO	
2051	05						PHASE II	SG	TW	SO	
2055	06						PHASE II	SG	TW		
2060	04						PHASE II	SG	TW	SO	
2065	03						PHASE II		TW		
2071	04						PHASE II	SG	TW		
2073	04						PHASE II	SG	TW	SO	
2074	08						PHASE II	SG	TW	SO	
2075	08						PHASE II	SG	TW		
2077	07						PHASE II	SG	TW	SO	
2078	09						PHASE II	SG	TW	SO	
2079	03						PHASE II	SG	TW		
2080	06						PHASE II	SG	TW	SO	
2081	06						PHASE II	SG	TW	SO	
2082	06						PHASE II	SG	TW	SO	
2090	01						PHASE II	SG	TW		
2093	04						PHASE II	SG	TW	SO	
2102	09						PHASE II	SG	TW	SO	
2103	01						PHASE II	SG	TW	SO	
2105	00						PHASE II	SG	TW		
2106	03						PHASE II	SG	TW	SO	
2108	03						PHASE II	SG	TW	SO	
2110	02						PHASE II	SG	TW		
2111	03						PHASE II	SG	TW		
2112	03						PHASE II	SG	TW		
2113	07						PHASE II	SG	TW		
2114	07						PHASE II	SG	TW		

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
2115	07						PHASE II	SG	TW		
2116	07						PHASE II	SG	TW		
2117	07						PHASE II	SG	TW		
2118	07						PHASE II	SG	TW		
2130	07						PHASE II	SG	TW		
2139	01						PHASE II	SG	TW		
2140	03						PHASE II	SG	TW		
2150	07						PHASE II	SG	TW		
2151	02						PHASE II		TW		
2152	04						PHASE II	SG	TW		
2153	04						PHASE II		TW		
2154	07						PHASE II	SG	TW		
2156	07						PHASE II	SG	TW		
0882-PBL	05						PHASE II		TW		
1614-PBL	08				PRE-LEASE HOME				TW		
1766-PBL	05						PHASE II		TW		
AR03	05		PHASE I					SG	TW	SO	
AR05	05		PHASE I					SG	TW	SO	
AR08	05		PHASE I					SG	TW	SO	
AR09	05		PHASE I					SG	TW	SO	
AR10	05		PHASE I					SG	TW	SO	
AR11	05		PHASE I					SG	TW	SO	
AR13	05		PHASE I					SG	TW	SO	
AR16	05		PHASE I					SG	TW	SO	
AR21	05		PHASE I					SG	TW	SO	
AR24	05		PHASE I					SG	TW	SO	
CA50	03						PHASE II	SG			
CA51	03						PHASE II	SG			
CA52	03						PHASE II	SG			
CA53	03						PHASE II	SG			
CA54	03						PHASE II	SG			
CA55	03						PHASE II	SG			
CA56	03						PHASE II	SG			AS

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
CA57	03						PHASE II	SG			
CA58	03						PHASE II	SG			
CA59	03						PHASE II	SG			
CA60	03						PHASE II	SG			
CA61	03						PHASE II	SG			
CA62	03						PHASE II	SG			AS
CA63	03						PHASE II				AS
CA64	03						PHASE II	SG			AS
CA65	03						PHASE II	SG			AS
CAIW01	03		PHASE I								
CASS01	03		PHASE I							SO	
CASS02	03		PHASE I							SO	
CASS03	03		PHASE I							SO	
CASS04	03		PHASE I							SO	
CASS05	03		PHASE I							SO	
CASS06	03		PHASE I							SO	
CASS07	03		PHASE I							SO	
CASS08	03		PHASE I							SO	
CASS09	03		PHASE I							SO	
CASS10	03		PHASE I							SO	
CATW01	03		PHASE I						TW		
CATW02	03		PHASE I						TW		
CATW03	03		PHASE I						TW		
CATW04	03		PHASE I						TW		
CATW05	03		PHASE I						TW		
CATW06	03		PHASE I						TW		
CATW07	03		PHASE I						TW		
CATW08	03		PHASE I						TW		
CATW09	03		PHASE I						TW		
CATW10	03		PHASE I						TW		
CPIW01	01		PHASE I								
CPIW04	01		PHASE I								
CPSS01	01		PHASE I							SO	

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
CPSS02	01		PHASE I							SO	
CPSS03	01		PHASE I							SO	
CPSS04	01		PHASE I							SO	
CPSS05	01		PHASE I							SO	
CPSS06	01		PHASE I							SO	
CPSS07	01		PHASE I							SO	
CPSS08	01		PHASE I							SO	
CPSS09	01		PHASE I							SO	
CPSS10	01		PHASE I							SO	
CPTW01	01		PHASE I						TW		
CPTW02	01		PHASE I						TW		
CPTW03	01		PHASE I						TW		
CSSS01	02		PHASE I							SO	
CSTW01	02		PHASE I						TW		
CSTW02	02		PHASE I						TW		
CSTW03	02		PHASE I						TW		
CSTW04	02		PHASE I						TW		
EV01	07		PHASE I							SO	
EV02	07		PHASE I							SO	
EV03	07		PHASE I					SG	TW	SO	
EV04	07		PHASE I					SG	TW	SO	
EV05	07		PHASE I					SG	TW	SO	
EV06	07		PHASE I					SG	TW	SO	
EV07	07		PHASE I					SG	TW	SO	
EV08	07		PHASE I					SG	TW	SO	
EV09	07		PHASE I					SG	TW	SO	
EV10	07		PHASE I					SG	TW	SO	
EV11	07		PHASE I					SG	TW	SO	
EV12	07		PHASE I					SG	TW	SO	
EV50	07						PHASE II	SG			
EV51	07						PHASE II	SG			
EV52	07						PHASE II	SG			
FQ01	01		PHASE I					SG	TW	SO	

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
FQ02	01		PHASE I					SG	TW	SO	
FQ03	01		PHASE I					SG	TW	SO	
FQ04	01		PHASE I					SG	TW	SO	
FQ05	01		PHASE I					SG	TW	SO	
FQ06	01		PHASE I					SG	TW	SO	
FQ07	02				PRE-LEASE HOME				TW		
LE01	09		PHASE I					SG	TW	SO	
LE03	09		PHASE I					SG	TW		
LE07	09		PHASE I					SG	TW	SO	
LE08	09		PHASE I					SG	TW	SO	
LE10	09		PHASE I					SG	TW		
LE11	09		PHASE I					SG	TW	SO	
LE12	09		PHASE I						TW	SO	
LE15	09		PHASE I					SG	TW	SO	
LE19	09		PHASE I					SG	TW	SO	
LE20	09		PHASE I					SG	TW	SO	
LE21	09		PHASE I							SO	
LE22	09		PHASE I							SO	
LE23	09		PHASE I							SO	
LE50	09						PHASE II	SG			
LE51	09						PHASE II	SG			AS
LEIW01	09		PHASE I								
NA01	01		PHASE I						TW	SO	
NA02	01		PHASE I						TW	SO	
NA03	01		PHASE I						TW	SO	
NA04	01		PHASE I							SO	
NA05	01		PHASE I							SO	
NA06	01		PHASE I							SO	
NA07	01		PHASE I							SO	
NA08	01		PHASE I							SO	
NA09	01		PHASE I							SO	
RS01	05		PHASE I						TW		
RS02	05		PHASE I						TW		

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
RS03	05		PHASE I						TW		
SU50	06						PHASE II	SG			
SU51	06						PHASE II	SG			
SU52	06						PHASE II	SG			
SU53	06						PHASE II	SG			
SU54	06						PHASE II	SG			
SU55	06						PHASE II	SG			
SU56	06						PHASE II	SG			
SU57	06						PHASE II	SG			
SU58	06						PHASE II	SG			
SU59	06						PHASE II	SG			
SU60	06						PHASE II	SG			
SU61	06						PHASE II	SG			
SU62	06						PHASE II	SG			
SU63	06						PHASE II	SG			AS
SU64	06						PHASE II	SG			
SU65	06						PHASE II	SG			
SU66	06						PHASE II	SG			
SU67	06						PHASE II	SG			
SU68	06						PHASE II	SG			
SUIW01	06		PHASE I								
SUIW02	06		PHASE I								
SUIW03	06		PHASE I								
SUIW04	06		PHASE I								
SUIW05	06		PHASE I								
SUIW06	06		PHASE I								
SUIW07	06		PHASE I								
SUIW08	06		PHASE I								
SUIW11	06		PHASE I								
SUSS01	06		PHASE I							SO	
SUSS02	06		PHASE I							SO	
SUSS03	06		PHASE I							SO	
SUSS04	06		PHASE I							SO	

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-4

RESIDENTIAL SAMPLING INVENTORY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS_ID	STUDY	SAMPLING EVENT OF RESIDENCE						SAMPLED MEDIA			
	AREA	PILOT STUDY	PHASE I	POST-PHASE I 500 FT RADIUS	PRE-LEASE HOME	1500 FT STEP OUT	PHASE II	SG	TW	SO	AS
SUSS05	06		PHASE I							SO	
SUSS06	06		PHASE I							SO	
SUSS07	06		PHASE I							SO	
SUSS08	06		PHASE I							SO	
SUSS09	06		PHASE I							SO	
SUSS10	06		PHASE I							SO	
SUTW01	06		PHASE I						TW		
SUTW02	06		PHASE I						TW		
SUTW03	06		PHASE I						TW		
SUTW04	06		PHASE I						TW		
SUTW05	06		PHASE I						TW		
SUTW06	06		PHASE I						TW		
SUTW07	06		PHASE I						TW		
SUTW08	06		PHASE I						TW		
SUTW09	06		PHASE I						TW		
SUTW10	06		PHASE I						TW		
VILLA	08		PHASE I					SG	TW	SO	
		7	254	11	240	25	251	374	603	263	36

SG Soil Gas
TW Tap Water
SO Soil
AS Residential Ambient Air

TABLE 1-5

SAMPLING EVENT SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Sampling Event	Number of Samples Collected	Sampled Media			
		Soil Gas	Water	Soil	Co-Located Ambient Air
Phase II	209 [1]	VOCs	VOCs Dioxins/Furans Metals Radiological Bacteriological Anions Field Parameters	VOCs SVOCs Dioxins/Furans Metals Pesticides PCBs Radiological Bacteriological Anions Field Parameters	VOCs [2]
500-Foot Step-Out	11	NA [3]	VOCs SVOCs Dioxins/Furans Metals Pesticides PCBs Radiological Bacteriological Anions Field Parameters	NA	NA
1,500-Foot Step-Out	25	VOCs	VOCs Field Parameters	NA	VOCs [4]
Villa Literno	4	VOCs	VOCs Dioxins/Furans Metals Radiological Bacteriological Anions Field Parameters	NA	VOCs [5]
Passive Soil Gas Resampling	7	VOCs	NA [6]	NA [6]	NA
Pre-Lease Sampling [7]	240	NA	VOCs SVOCs Dioxins/Furans Metals Pesticides PCBs Radiological Bacteriological Anions Field Parameters	NA	NA

[1] 58 of the Pre-Lease Homes were sampled for additional media as Phase II samples. Two of these homes were located outside of the nine study areas.

[2] Co-located ambient air samples were collected from 16 Phase II homes.

[3] Passive Soil Gas samples were collected from these residences during the Phase I investigation.

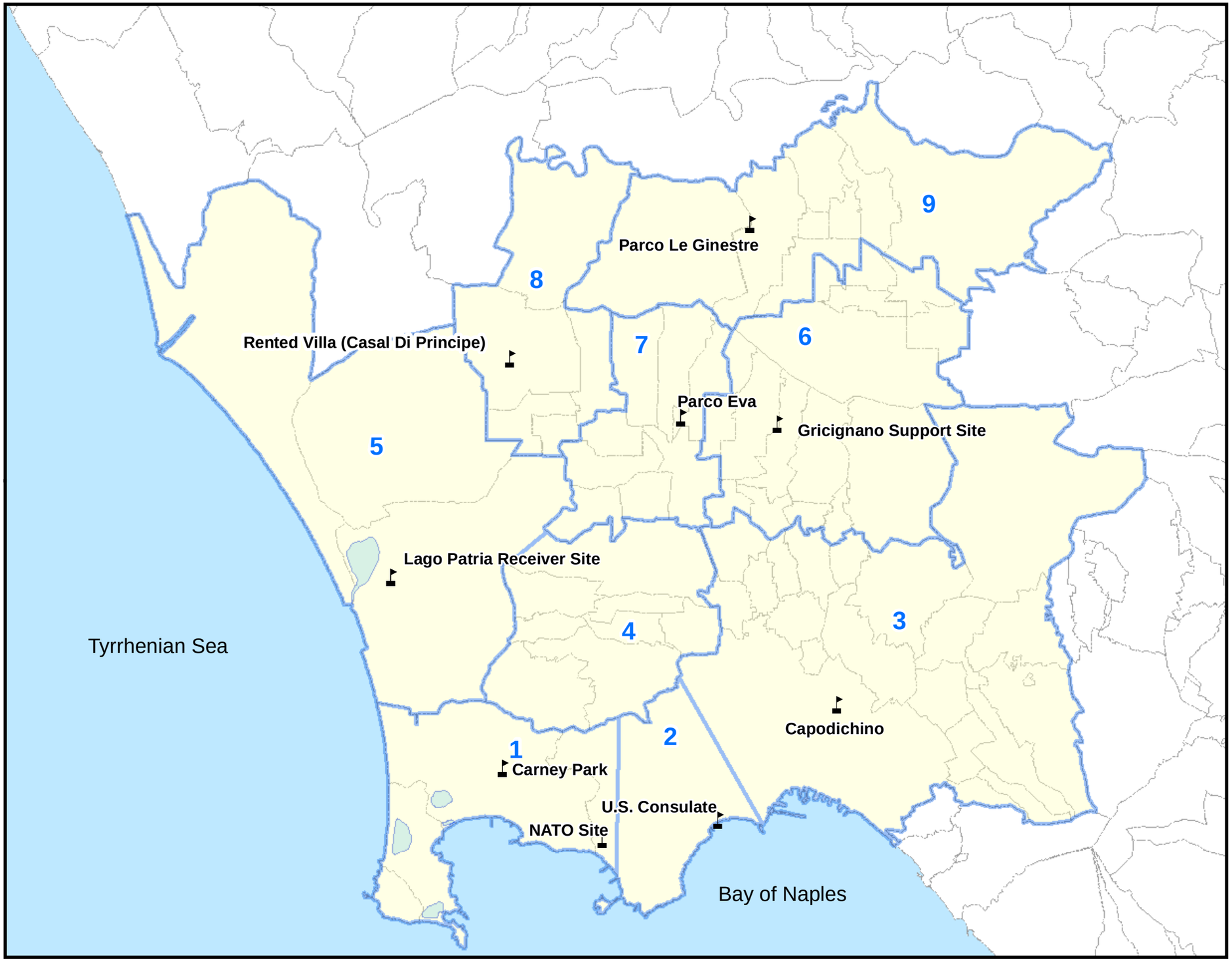
[4] Co-located ambient air samples were collected from 11 1,500-foot step-out homes.

[5] Co-located ambient air samples were collected from 3 Villa Literno homes.

[6] Water and soil samples were collected from these residences.

[7] All Pre-Lease water samples were analyzed for VOCs and bacteriological parameters. Most Pre-Lease homes were sampled for other listed parameters.

NA Medium was not analyzed.



NAVFAC

TETRA TECH

Figure 1-1

Study Areas 1-9
Phase II ETSA Investigation of the
Naples Public Health Evaluation
Naples, Italy

Legend

- Air Sampling Locations
- Comune Borders (Campania)
- Study Area Boundary (1-9)

1 Blue number on map indicates Study Area.

N

0 1,250 2,500 5,000 7,500 10,000
Meters

Drawn By: MP 2/16/10
Checked By:TJ
Approved By: TJ

Contract Number: N62470-08-D-1001
CTO 0002

Map Document: (K:\GProject\Naples\ArcMap\PHASE II\QAPP FINAL\Air Monitoring Stations All Study Areas_figure 10-4.mxd)
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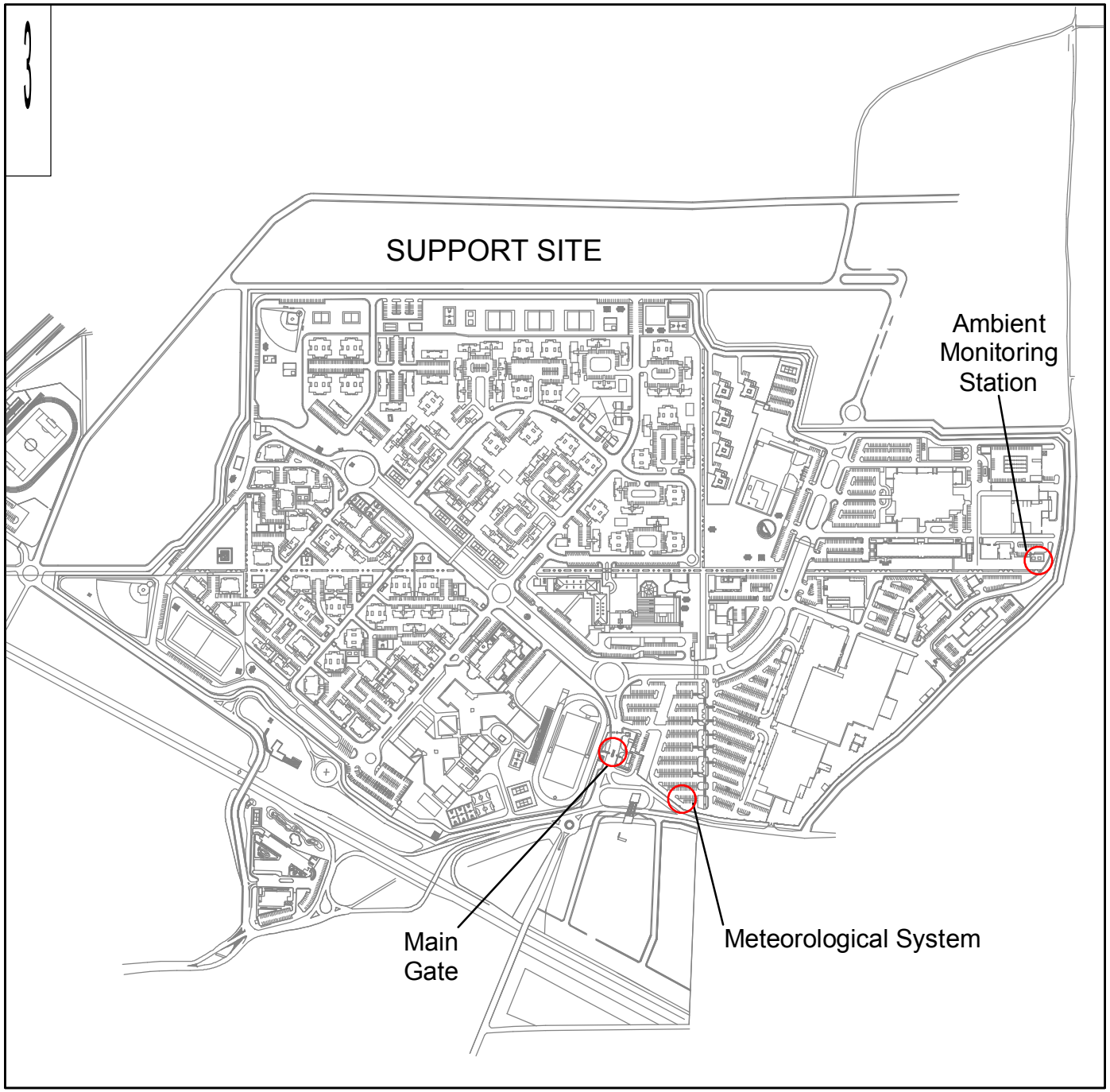
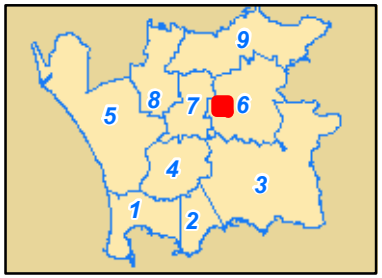


Figure 1-2
Location of the Meteorological Monitoring System and Ambient Air Sampling Station at Gricignano
Naples Public Health Evaluation
Naples, Italy

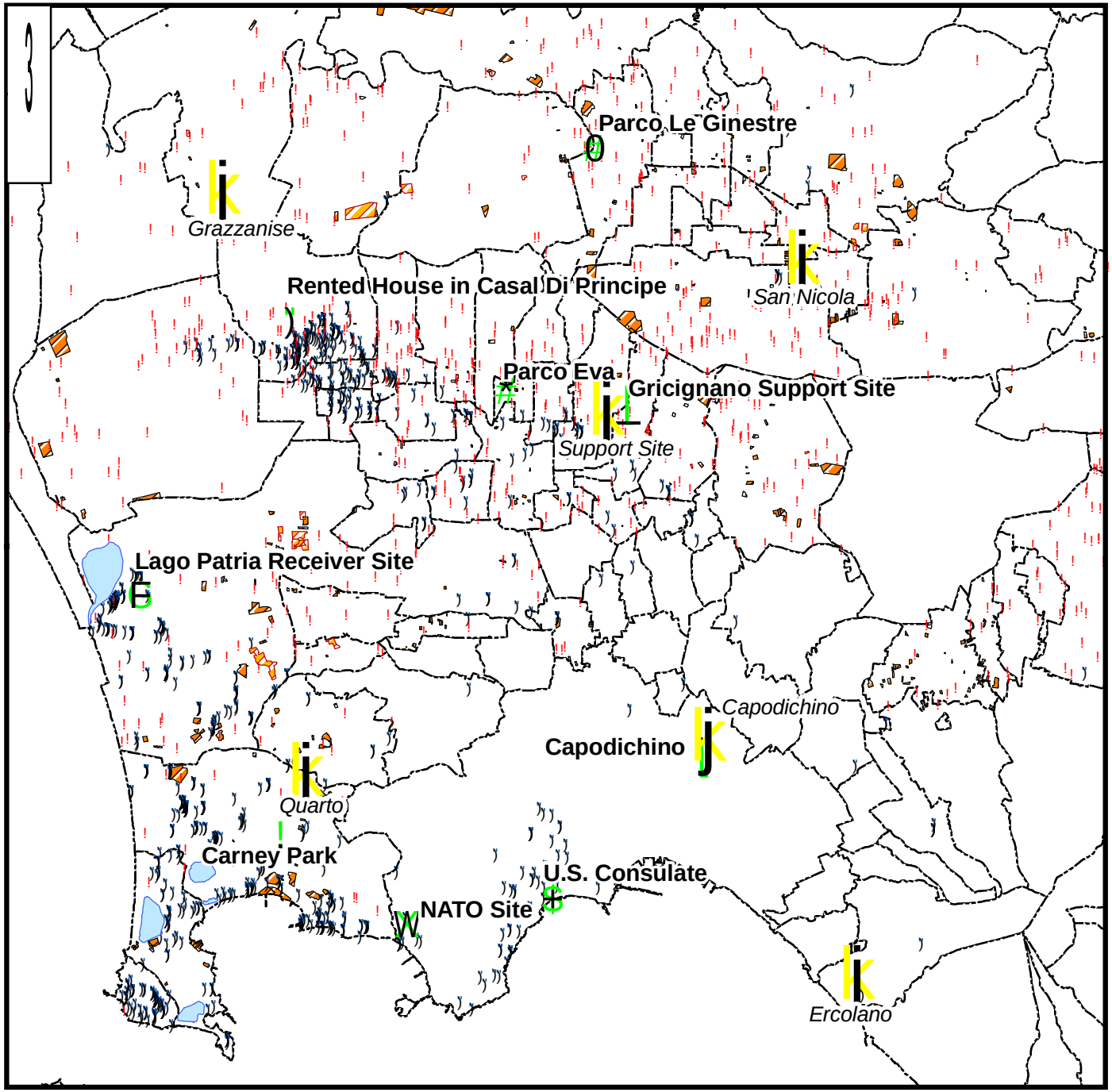


200 100 0 200
Meters

Drawn By: MP 4/08/10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\Support Site_4 8 10.mxd)
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Figure 1-3
Meteorological Stations in Campania
Naples Public Health Evaluation
Naples, Italy

Legend

- Meteorological Station Locations

Air Sampling Locations

- Capodichino
- Gricignano Support Site
- Carney Park
- Lago Patria Receiver Site
- Consulate
- NATO
- Parco Eva
- Parco Le Ginestre
- Villa
- Landfill
- Open Trash
- Houses (Google Earth)

0 1,150 2,300 4,600 6,900 9,200
Meters

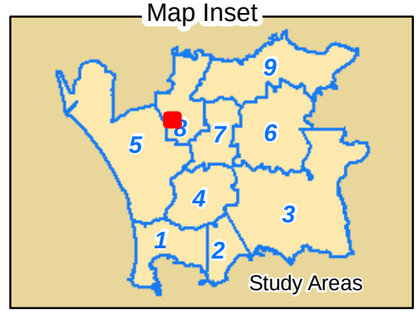
Drawn By: LR 5/22/08
Checked By:RK 5/22/08
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\MET_Stations.mxd) 5/22/2008



Figure 1-4
Locations with Concentrations of VOCs in Tap Water Exceeding Risk Criteria and 500 Foot Step Out Sampling Locations (Study Area 8)
Naples Public Health Evaluation
Naples, Italy



Legend

- 500 Foot Step Out
- Original Resident Move Locations
- F1 Locations
- F2 Locations
- House Locations
- New Lease Suspension Zones
- Major Roads

F1 Home – Also referred to as a trigger home, these are the first residences in an area that the PHE Working Group has identified as having an unacceptable risk

F2 Home – Homes within an approximately 0 to 500-foot radius of the F1 Home

0 37.5 75 150 225 300
Meters

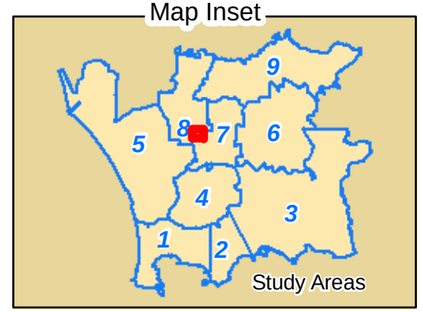
Drawn By: MP 04 09 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\Locations with VOCs_0333_0395_0434_0309_Study Area 8.mxd)
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Figure 1-5
Location with Concentrations of VOCs in Tap Water Exceeding Risk Criteria and 500 Foot Step Out Sampling Locations (Study Area 8)
Naples Public Health Evaluation
Naples, Italy



Legend

- Original Resident Move Locations
- F1 Locations
- F2 Locations
- House Locations
- 500 Foot Step Out
- New Lease Suspension Zones
- Major Roads

F1 Home – Also referred to as a trigger home, these are the first residences in an area that the PHE Working Group has identified as having an unacceptable risk

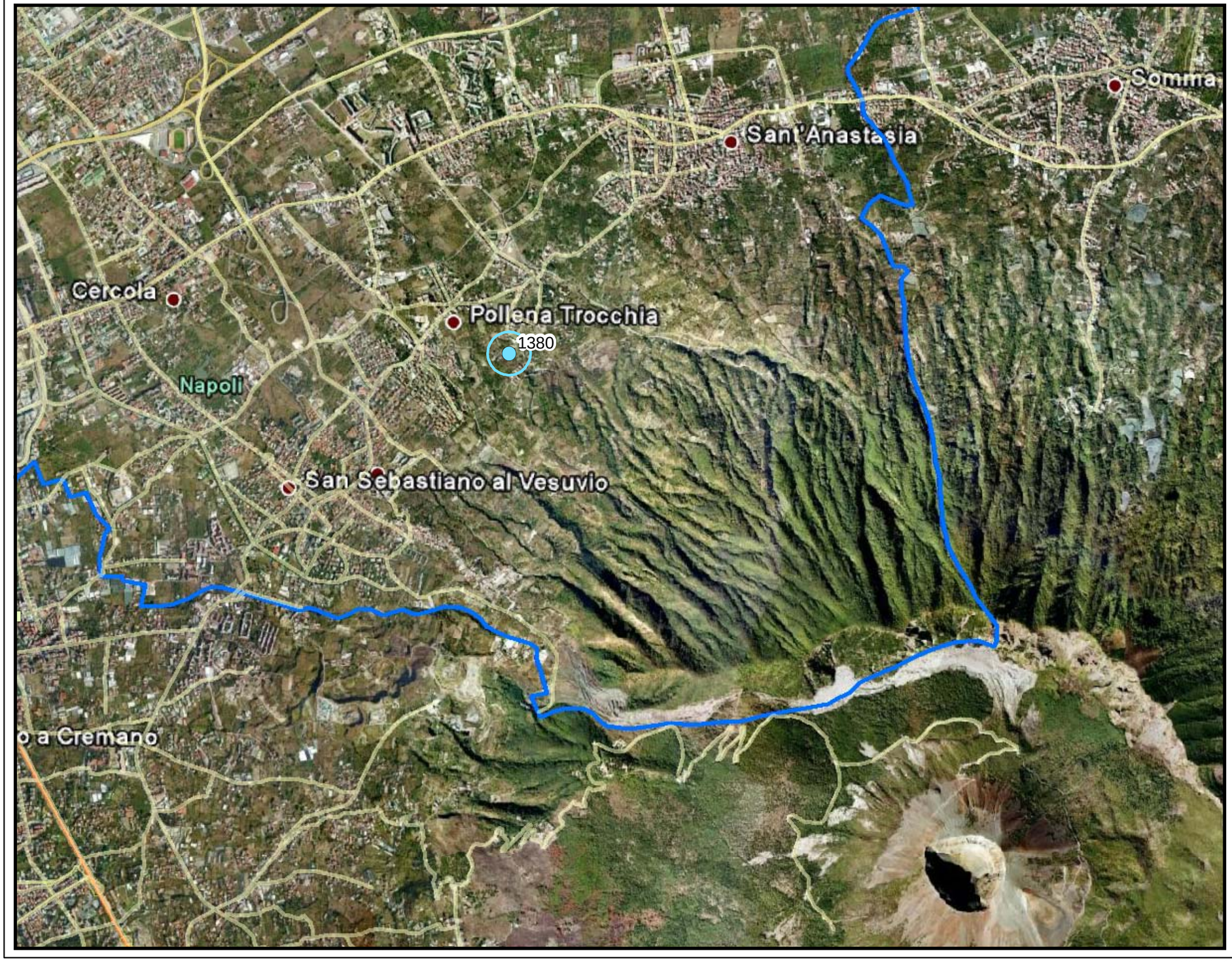
F2 Home – Homes within an approximately 0 to 500-foot radius of the F1 Home

0 37.5 75 150 225 300
Meters

Drawn By: MP 04 09 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
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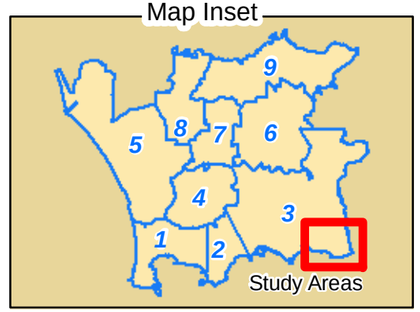
Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\Locations with VOCs_1735_Study Area 8.mxd)
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Figure 1-6
Location with Concentrations of VOCs in Tap Water Exceeding Risk Criteria and 500 Foot Step Out Sampling Locations (Study Area 3)
Naples Public Health Evaluation
Naples, Italy



Legend

- Original Resident Move Locations
- F1 Locations
- F2 Locations
- House Locations
- 500 Foot Step Out
- Study Area Boundary (1-9)
- Major Roads

F1 Home – Also referred to as a trigger home, these are the first residences in an area that the PHE Working Group has identified as having an unacceptable risk

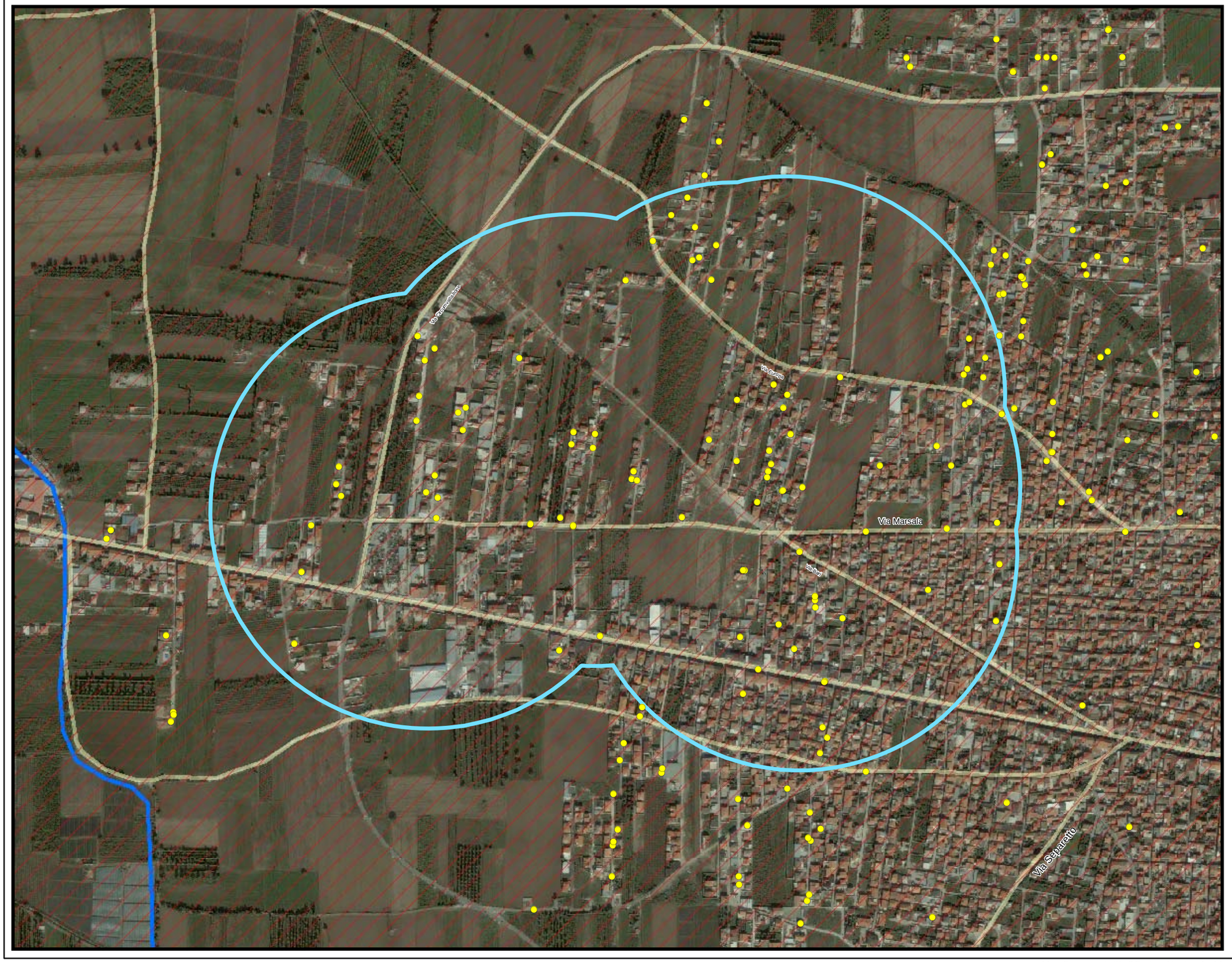
F2 Home – Homes within an approximately 0 to 500-foot radius of the F1 Home

0 200 400 800 1,200 1,600
Meters

Drawn By: MP 04 09 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

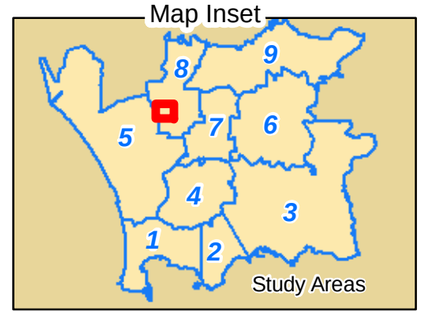
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Figure 1-7
1500 Foot Step Out Zone
Naples Public Health Evaluation
Naples, Italy



Legend

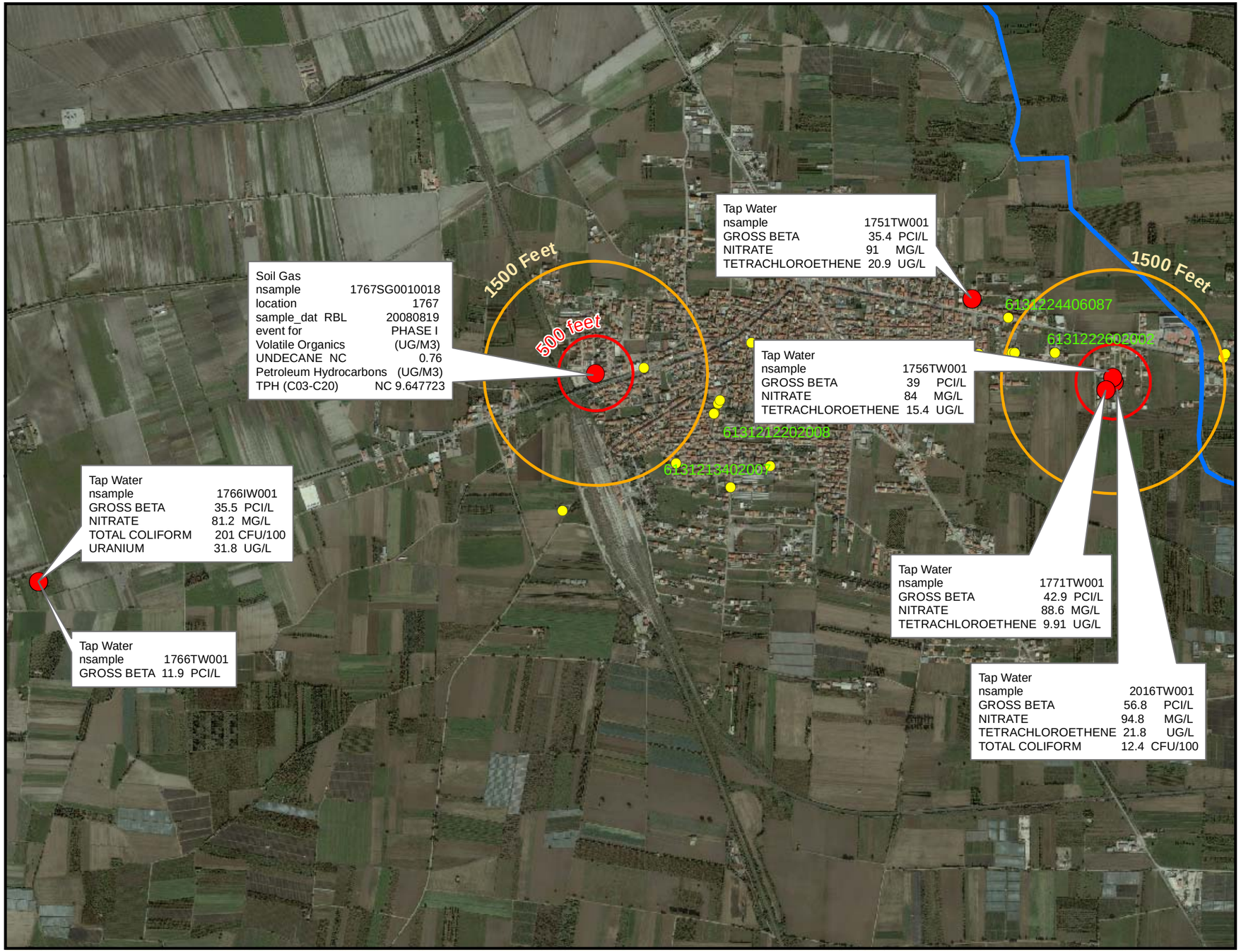
- Home Locations
- Study Area Boundary (1-9)
- 1500 Foot Step Out Buffer
- New Lease Suspension Zones
- Major Roads

0 75 150 300 450 600
Meters

Drawn By: MP 4 08 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\1500Ft Step Outs\1500 Foot Step Out Zone.mxd)
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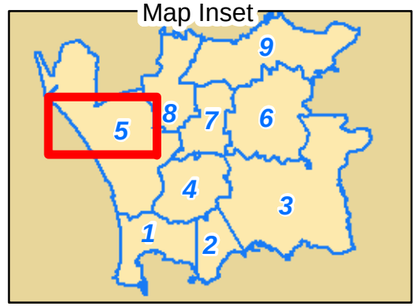


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Figure 1-8
Villa Literno Residences
Locations with Concentrations
of VOCs in Tap Water
Exceeding Risk Criteria
Naples Public Health Evaluation
Naples, Italy

Map Inset



Legend

- **Previous Sample Locations**
- **Villa Literno Homes 06 02 09**
- **Study Area Boundary (1-9)**

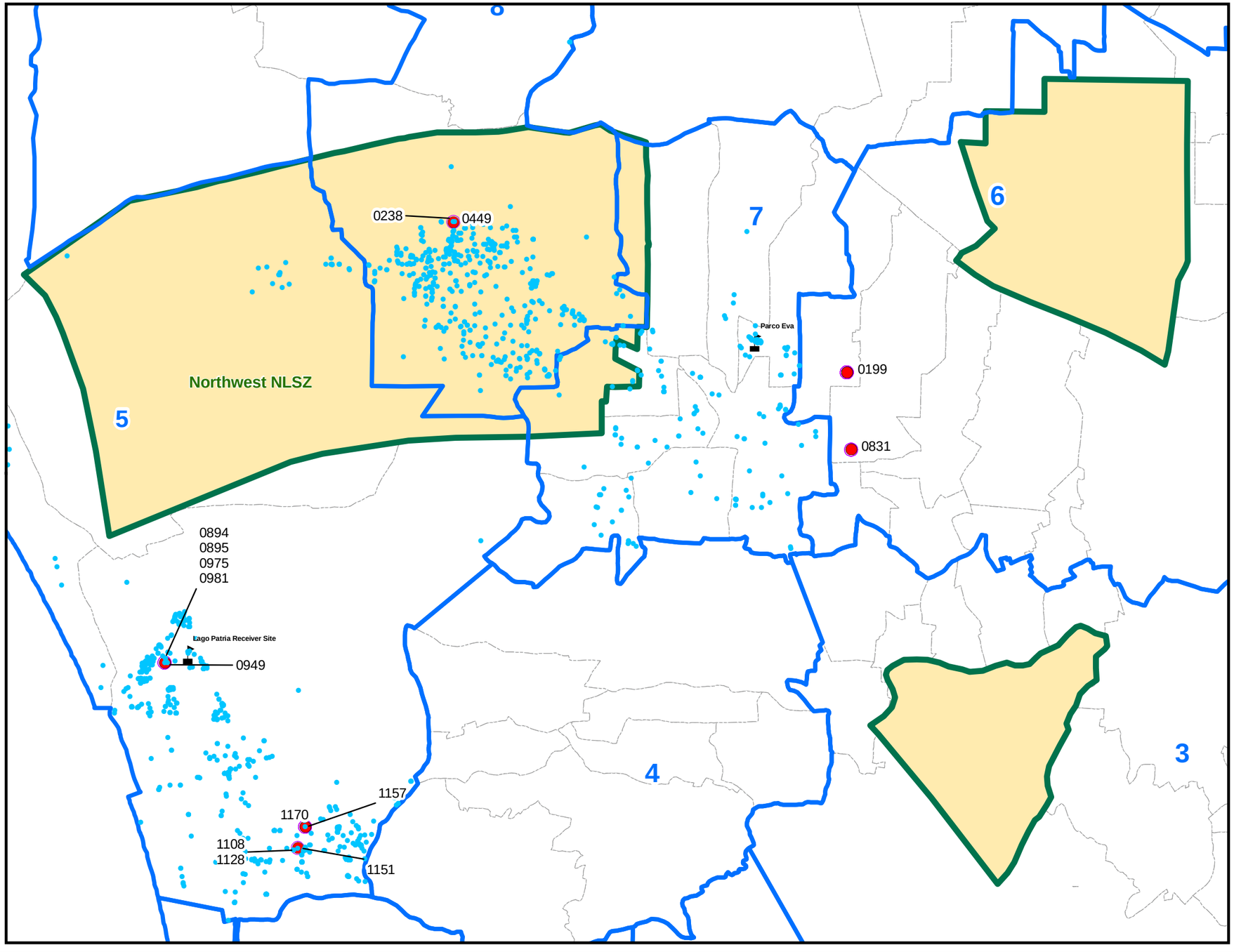
Homes without location ids are listed with premise ids.

0 125 250 500 750 1,000
Meters

Drawn By: LR 6/02/09
Checked By: RK
Approved By: RK

Contract Number: 112G01349 - CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II Villa Literno homes 04 12 2010 Fig 1-8.mxd)
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TETRA TECH

Figure 1-9
Passive Soil Gas (PSG)
to Active Soil Gas (ASG) Homes
Naples Public Health Evaluation
Naples, Italy

Legend

- 500ft buffer PSG to ASG Samples
- Home Locations
- PSG to ASG Sample Locations
- New Lease Suspension Zones
- Study Area Boundary (1-9)
- Comune Borders (Campania)

0 700 1,400 2,800 4,200 5,600
Meters

Drawn By: MP 6/12/09
Checked By:
Approved By:

Contract Number: 112G01349 - CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II NLSZ Stepouts ASG Risk_NEand S 04 12 2010 Fig 1-9.mxd)
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TETRA TECH

Figure 1-10
Aqueduct Sampling Locations
In or Near Campania Region of Italy
Naples Area Public Health Evaluation
Naples, Italy

Legend

- Aqueduct Sampling Oct. 2009
- Government Sites
- Campania/Lazio Border
- Study Area Boundary (1-9)
- Water

Elevation in Feet

High : 2648

Low : 0

1 Blue number on map indicates Study Area.

0 2,500 5,000 10,000 15,000 20,000 Meters

0 2.5 5 10 Miles

Drawn By: MP 01/12/10
Checked By: RK
Approved By: RK

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II Aqueduct Map 01 12 2010 Fig 1-10.mxd)
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2.0 PHASE I AND II AMBIENT AIR QUALITY AND METEOROLOGICAL INVESTIGATIONS IN THE CAMPANIA REGION

2.1 AMBIENT AIR QUALITY AND METEOROLOGICAL BACKGROUND

As an element of the Phase I and Phase II regional screening evaluation, Tetra Tech conducted a year-long ambient air quality and meteorological investigation encompassing the Campania Region of Naples, Italy. This required the planning and performance of a broad air sampling activity conducted over a 1-year study period, using a network of nine ambient air sampling stations that Tetra Tech sited, strategically placed throughout the defined nine study areas, constructed and operated. Ambient air quality assessments also required construction and operation of a meteorological monitoring tower at the Navy Support Site (located in Gricignano, Italy) and a continuous air monitoring (CAM) system for U.S. National Ambient Air Quality Standards (NAAQSs) criteria pollutants, also located at the Support Site. **Figure 2-1** presents the locations of the U.S. Navy Support Site meteorological monitoring tower, CAM system, ambient air sampling stations, and several Italian regional meteorological monitoring stations used to supplement data from the Navy's meteorological monitoring tower.

This section presents the results of Phase I and II ambient air sampling and meteorological monitoring activities, and the results of the CAM system operation conducted from July 9, 2008, through July 8, 2009 (encompassing 365 consecutive calendar days) in the nine established study areas. Because data acquisition began and ended at different intervals for the various types of equipment used, Tetra Tech generated meteorological and CAM information for a period longer than 1 year (approximately 15 months). Tetra Tech selected one data-gathering date range (July 9, 2008, through July 8, 2009) for the ambient air quality and meteorological data presentation to ensure 100-percent overlap of data acquisition on dates during which all three types of equipment were simultaneously in operation. Specific operational date ranges for each type of equipment used in the study follow:

- Meteorological monitoring began at the Support Site on June 28, 2008, and ended on September 29, 2009 (456 consecutive calendar days)

- The CAM system began operating on July 1, 2008, and ended on July 10, 2009 (375 consecutive calendar days).

- Ambient air sampling began on July 9, 2008, and ended July 8, 2009 (365 consecutive calendar days).

The Ambient Air Quality and Meteorological Summary Report (AAQMSR) (**Tetra Tech, 2010a**) presents all of these data in greater detail, including supporting tables, figures, and appendices for the data-gathering date range described above.

2.1.1 Ambient Air Definition

As depicted below, the term "ambient air" has different meanings in various sections of this report. The ambient air quality and meteorological data presented in this section are only from the following 10 locations:

- Ambient Air Sampling Stations (nine) located in the nine study areas including NATO, the U.S. Consulate, Capodichino, Carney Park, Receiver Site, Gricignano (also known as the Support Site), Parco Eva, Villa, and Parco Le Ginestre.

- Continuous Air Monitoring (CAM) System (one) data for gas-phase criteria and non-criteria pollutants measured only at the Support Site environmental shelter.

Phase II of the regional screening evaluation generated air sampling data from hundreds of other locations as part of the overall investigative approach, including measurement of VOCs in soil gas, indoor air, and adjacent to (outside of) buildings evaluated for vapor intrusion or indoor air quality (IAQ). The samples collected adjacent to (outside of) buildings evaluated for IAQ purposes have also been referred to as "ambient air" samples. These "ambient air" samples were 12-hour grab samples collected on a single day for VOC assessment purposes only at individual residential locations. Because of numerous EPA air sampling station siting requirements including, but not limited to multiple sampling events required on non-repeating weekdays over a one-year period of time, spatial representativeness within a given study area, topography, building interference issues and others, these 12-hour resident-specific grab samples are not suitable for regional ambient air assessment purposes. Direct-reading hand-held air monitoring instrumentation data also exist. This information was used for assistance in selecting the best sampling locations. This section of the Phase II Report presents no data for direct-reading hand-held instrumentation, soil gas, indoor air, or "12-hour ambient air grab samples" associated with VI or IAQ evaluations as described above because none of these data are associated with the year-long ambient air quality and meteorological investigation or the use of the nine regional ambient air sampling stations or the CAM systems. Other sections of this report provide these data, as appropriate.

2.1.2 Air Sampling and Air Monitoring Definitions

Throughout this ambient air quality discussion, Tetra Tech uses the terms air "sampling" and air "monitoring" as follows:

- Sampling - collection of air samples using a variety of collection devices, also known as "media." Tetra Tech used combinations of various media including filters, polyurethane foam (PUF), sorbent tubes, and evacuated canisters, devices which physically removed and captured air contaminants from the ambient air sample gas stream and concentrated constituents on the media or, as in the case of the evacuated canister, stored them intact inside a metal container (canister). These media/air contaminant combinations are called "samples." Because of shipping time to a fixed-based laboratory, sample handling and analysis at the laboratory, data reporting and validation, and other steps involved, receipt of results for "samples" takes a much longer period of time than the real time acquisition of monitoring data discussed below.

- Monitoring - continuous measurement of air contaminants or meteorological information in the field (in real time, not requiring any laboratory analysis). The instruments used for this ambient air quality and meteorological investigation transmitted output to data loggers (computers) providing results in real time which Tetra Tech meteorologists accessed via computer modem and satellite communication links to retrieve the desired data. This equipment design and arrangement enabled remote access to air monitoring data so that Tetra Tech meteorologists could download data from remote (i.e., Continental United States) locations.

2.2 AMBIENT AIR QUALITY SAMPLING AND METEOROLOGICAL MONITORING PROGRAM DESIGN, IMPLEMENTATION, AND DATA REQUIREMENTS

To determine whether there were unacceptable ambient air human health risks to the target population, various planning activities and on-site trips to Naples were conducted along with preparation of corresponding documentation establishing project data requirements suitable for accomplishing the project objective with respect to ambient air quality and meteorological data.

Ambient air quality data categories and specific data elements required and ultimately obtained over a period of more than 1 year included the following:

1. Ambient air sample collection at each of the nine ambient air sampling stations for VOCs, SVOCs, dioxins/furans, pesticides, PCBs, PM_{10}, PM_{10} metals (the metals portion of PM_{10}), mercury vapor, and aldehydes.

2. Continuous monitoring at the Support Site for ambient air concentrations of gas-phase criteria pollutants including sulfur dioxide (SO_2), nitrogen dioxide (NO_2), carbon monoxide (CO), and ozone

3. (O_3). CAM monitoring was also conducted for non-criteria gas-phase pollutants including nitrogen monoxide (NO) and nitrogen oxides (NOx).

4. Meteorological monitoring at the Support Site for wind speed, wind direction, standard deviation of wind direction, ambient temperature at 2 meters and 10 meters above ground surface (ags), delta temperature (ΔT) between 10 meters and 2 meters ags, solar radiation at 2 meters ags, barometric pressure at 2 meters ags, and rainfall at ground level next to the tower.

Discussions in subsequent sections provide summaries of the data collected during the ambient air pathway investigation in these three categories.

2.3 AMBIENT AIR SAMPLING FREQUENCIES OF DETECTIONS AND RSL COMPARISONS

For the Campania Region as a whole and each of the nine study areas (presented in **subsections 2.3.1** through **2.3.10**), the data summary tables provide the 211 parameters measured in each study area, plus other statistical information for each parameter, including the ambient air RSL and the number of detections greater than the RSL, minimum detection, maximum detection, minimum non-detect, maximum non-detect, average of all detected concentrations, average of all results (using one-half of the detection limit for non-detects), median value, standard deviation, and 95th percentile concentration. The AAQMSR **(Tetra Tech, 2010a)** provides all of the individual air sample concentration data for each specific study area.

2.3.1 Campania Region Frequencies of Detections and RSL Exceedances

Table 2-1 presents a summary of air sampling data and detailed statistical information by parameter for the 1-year ambient air quality investigation conducted in the Campania Region as a whole (all nine study areas combined). As shown in **Table 2-1**, 60 parameters exceeded the corresponding ambient air RSL (EPA 2009b) for that parameter in at least one sample. However, only concentrations of 5 parameters exceeded residential ambient air RSLs across the Campania Region at concentrations greater than the acceptable risk management criteria specifically set by the Navy for this investigation (**Tetra Tech, 2009c)**. (A more detailed discussion of the project-specific risk management criteria is presented in **Volume II** of this PHE.) Those parameters included acrolein, 1,2-dibromo-3-chloropropane (DBCP), formaldehyde, 1,2-dichloropropane, and chromium.

Table 2-2 presents summary statistics for all 211 chemical parameters sampled in ambient air across the Campania Region in rank order as described in the following discussions. Of these 211 parameters, 130 had published ambient air RSLs as of December 31, 2009, when the completed validated ambient air quality and meteorological database was made available. Parameter names shown in shaded cells exceed various risk criteria defined in the AAQMSR **(Tetra Tech, 2010a)** and at the bottom of the last page of the table. Black-shaded cells with white font indicate the percent frequency of detection (FOD) in excess of the ambient air RSL. The following are observations based on the data presented in **Table 2-2**.

Concentrations of the following 14 chemical parameters, including four of the five chemicals identified in the AAQMSR (shown in bold font) as exceeding project-specific risk management criteria (**Tetra Tech, 2009c)**, exceeded corresponding RSLs every time they were detected (100 percent in column 7 of the table) in an ambient air sample:

1. 1,1,2,2-Tetrachloroethane
2. **DBCP**
3. 1,2-Dibromoethane
4. 1,3-Butadiene
5. **Acrolein**
6. Acrylonitrile
7. Bromodichloromethane
8. Chlorodibromomethane
9. **Chromium**
10. Dieldrin
11. Hexachlorobutadiene
12. Tetrachloroethene
13. Carbon tetrachloride
14. **Formaldehyde**

Concentrations of 46 chemical parameters exceeded corresponding RSLs from 99 percent to 0.2 percent of the time, as shown in descending order in column 7 in the rows after formaldehyde.

There were 42 chemical parameters detected in at least one ambient air sample but at concentrations that did not exceed corresponding published ambient air RSLs. Column 4 lists these parameters in descending order by the percent frequency detected in the rows after acetone.

Twenty-eight (28) chemical parameters had published ambient air RSLs but no detections in any ambient air sample. Column 1 lists these parameters in alphabetical order, with column 5 listed as 100 percent in the rows after o-toluidine.

The last 81 rows of **Table 2-2** list chemical parameters in alphabetical order that have no published ambient air RSL as of December 31, 2009 (indicated by "NC" in column 7) in the rows after trans-1,4-dichloro-2-butene.

The only criteria pollutant sampled in every study area was PM_{10} (**Section 2.4** discusses all of the other criteria pollutants). The PM_{10} 24-hour NAAQS is 150 µg/m^3 and requires that a location must not exceed the standard more than once on average over a 3-year period. Based on the information presented in **Sections 2.3.2** through **2.3.10** for the nine ambient air sampling stations, the following summarizes PM_{10} air quality in the Campania region:

- There were 13 exceedances of the PM_{10} 24-hour NAAQS at eight of nine study area ambient air sampling stations, with the singular exclusion being the samples collected at the air sampling station located at Carney Park.

- **Figure 2-2** shows a summary of maximum and average PM_{10} 24-hour concentrations measured at the nine study area ambient air sampling stations during the 1-year sampling period. Based on data presented in **Figure 2-2**, the overall maximum and maximum average PM_{10} 24-hour concentrations occurred in Study Area 2 at the Consulate ambient air sampling station. The Carney Park location had the lowest PM_{10} concentrations.

- The most exceedances (four) of the PM_{10} 24-hour NAAQS occurred in Study Area 2 at the Consulate ambient air sampling station.

From a seasonal perspective, all exceedances of the PM_{10} 24-hour NAAQS were from samples collected in either the spring or fall.

2.3.2 Study Area 1 – NATO Frequencies of Detections and RSL Exceedances

Table 2-3 presents a summary of air sampling data and detailed statistical information by parameter for the 1-year ambient air quality investigation conducted in Study Area 1 – NATO. As shown in the table, 29 parameters exceeded the corresponding ambient air RSL in at least one sample. However, only concentrations of 4 parameters exceeded concentrations greater than project-specific risk management criteria. Those parameters included acrolein, DBCP, formaldehyde and 1,2-dichloropropane.

There was one exceedance of the PM_{10} 24-hour NAAQS measured at 160 µg/m^3 on November 10, 2008.

2.3.3 Study Area 2 – U.S. Consulate Frequencies of Detections and RSL Exceedances

Table 2-4 presents a summary of air sampling data and detailed statistical information by parameter for the 1-year ambient air quality investigation conducted in Study Area 2 - U.S. Consulate. As shown in the table, 35 parameters exceeded the corresponding ambient air RSL in at least one sample. However, only concentrations of 5 parameters exceeded concentrations greater than project-specific risk management criteria. Those parameters included acrolein, DBCP, formaldehyde, 1,2-dichloropropane, and chromium.

There were four exceedances of the PM_{10} 24-hour NAAQS, with the maximum measured at 266 µg/m^3 on November 12, 2008.

2.3.4 Study Area 3 – Capodichino Frequencies of Detection and RSL Exceedances

Table 2-5 presents a summary of air sampling data and detailed statistical information by parameter for the 1-year ambient air quality study in Study Area 3 – Capodichino. As shown in the table, 41 parameters exceeded the corresponding ambient air RSL in at least one sample. However, only concentrations of 5 parameters exceeded concentrations greater than project-specific risk management criteria. Those parameters included acrolein, DBCP, formaldehyde, 1,2-dichloropropane, chromium and arsenic.

There was one exceedance of the PM_{10} 24-hour NAAQS, which measured at 162 µg/m^3 on September 30, 2008.

2.3.5 Study Area 4 – Carney Park Frequencies of Detections and RSL Exceedances

Table 2-6 presents a summary of air sampling data and detailed statistical information by parameter for the 1-year ambient air quality investigation conducted in Study Area 4 - Carney Park. As shown in the table, 29 parameters exceeded the corresponding ambient air RSL in at least one sample. However, only concentrations of 3 parameters exceeded concentrations greater than project-specific risk management criteria. Those parameters included acrolein, DBCP, and formaldehyde.

There were no exceedances of the PM_{10} 24-hour NAAQS measured in Study Area 4.

2.3.6 Study Area 5 – Receiver Site Frequencies of Detections and RSL Exceedances

Table 2-7 presents a summary of air sampling data and detailed statistical information by parameter for the 1-year ambient air quality investigation conducted in Study Area 5 - Receiver Site. As shown in the

table, 38 parameters exceeded the corresponding ambient air RSL in at least one sample. However, only concentrations of 3 parameters exceeded concentrations greater than project-specific risk management criteria. Those parameters included acrolein, DBCP, and formaldehyde.

There were two exceedances of the PM_{10} 24-hour NAAQS, with the maximum measured at 213 µg/m^3 on November 12, 2008.

2.3.7 Study Area 6 – Gricignano Support Site Frequencies of Detections and RSL Exceedances

Table 2-8 presents a summary of air sampling data and detailed statistical information by parameter for the 1-year ambient air quality investigation conducted in Study Area 6 - Support Site. As shown in the table, 45 parameters exceeded the corresponding ambient air RSL in at least one sample. However, only concentrations of 5 parameters exceeded concentrations greater than project-specific risk management criteria. Those parameters included acrolein, DBCP, formaldehyde, chromium, and dioxin (TEQ).

There were two exceedances of the PM_{10} 24-hour NAAQS, with the maximum measured at 197 µg/m^3 on November 13, 2008.

2.3.8 Study Area 7 – Parco Eva Frequencies of Detections and RSL Exceedances

Table 2-9 presents a summary of air sampling data and detailed statistical information by parameter for the 1-year ambient air quality investigation conducted in Study Area 7 - Parco Eva. As shown in the table, 42 parameters exceeded the corresponding ambient air RSL in at least one sample. However, only concentrations of 5 parameters exceeded concentrations greater than project-specific risk management criteria. Those parameters included acrolein, DBCP, formaldehyde, 1,2-dichloropropane, and chromium.

There was one exceedance of the PM_{10} 24-hour NAAQS, which measured at 226 µg/m^3 on October 23, 2008.

2.3.9 Study Area 8 – Villa Frequencies of Detections and RSL Exceedances

Table 2-10 presents a summary of air sampling data and detailed statistical information by parameter for the 1-year ambient air quality investigation conducted in Study Area 8 – Villa. As shown in the table, 47 parameters exceeded the corresponding ambient air RSL in at least one sample. However, only concentrations of 5 parameters exceeded concentrations greater than project-specific risk management criteria. Those parameters included acrolein, DBCP, formaldehyde, 1,2-dichloropropane, and benzene.

There was one exceedance of the PM_{10} 24-hour NAAQS, which measured at 207 µg/m^3 on March 3, 2009.

2.3.10 Study Area 9 – Parco Le Ginestre Frequencies of Detections and RSL Exceedances

Table 2-11 presents a summary of air sampling data and detailed statistical information by parameter for the 1-year ambient air quality investigation conducted in Study Area 9 - Parco Le Ginestre. As shown in the table, 45 parameters exceeded the corresponding ambient air RSL in at least one sample. However, only concentrations of 4 parameters exceeded concentrations greater than project-specific risk management criteria. Those parameters included acrolein, DBCP, formaldehyde, and chromium.

There was one exceedance of the PM_{10} 24-hour NAAQS, which measured at 161 µg/m^3 on 10/9/2008. A duplicate sample also exceeded the RSL and it was also the PM_{10} maximum value shown in **Table 2-11**.

2.4 CRITERIA POLLUTANT AND CONTINUOUS AIR MONITORING DATA

The ambient air quality monitoring and sampling program for criteria pollutants included SO_2, NO_2, CO, O_3, and PM_{10} (particulate matter less than 10 microns in aerodynamic diameter). A CAM system operated at the Support Site in Gricignano, Italy, to measure concentrations of these parameters during the period July 1, 2008, through July 8, 2009. The CAM system continuously monitored and reported ambient concentrations of these pollutants for 1-hour, 3-hour, 8-hour, 24-hour, and annual averaging periods depending on the NAAQS for each pollutant. High-volume sampling equipment measured 24-hour PM_{10} concentrations at all nine study areas identified in **Figure 2-1,** for the period July 10, 2008, through July 8, 2009.

The air quality monitoring program results addressed in **Sections 2.4.1** through **2.4.4** are for SO_2, NO_2, CO, and O_3, respectively. **Section 2.4.5** discusses the CAM non-criteria pollutants, NO, and NO_x. There are no NAAQSs for nitrogen monoxide and nitrogen oxides, but **Section 2.4.5** includes their monitoring results for informational purposes because the gas analyzer equipment that measures nitrogen dioxide simultaneously measures nitrogen monoxide and nitrogen oxides. **Sections 2.3.1 through 2.3.10** present the results of ambient air sampling for PM_{10} in the Campania Region and the nine individual study areas. Appendix F of the AAQMSR **(Tetra Tech, 2010a)** contains the CAM data for the entire monitoring period.

The presentation of monitoring results in the full report includes comparisons of reported period-average concentrations to NAAQSs. In addition, Tetra Tech generated pollution roses using Support Site 1-hour average concentrations for SO_2, NO_2, CO, O_3, NO, NO_x, and hourly meteorological data. The pollution "roses", which graphically present average pollutant concentrations as a function of 16 equal wind

direction sectors over a period of time, summarize concentrations for annual and seasonal periods (winter, spring, summer, and fall). Each wind sector in the pollution rose represents a 22.5-degree range of wind direction. A pollution rose shows the distribution of air pollutant concentrations as a function of wind direction sector at a given location and can identify the prevailing wind sector associated with the highest pollutant concentrations and potentially the upwind location of an emission source.

2.4.1 Sulfur Dioxide

As shown in the table below, there were no exceedances of the 3-hour or annual NAAQSs for sulfur dioxide during the monitoring period.

Support Site Annual Average	Annual NAAQS	Support Site Maximum 3-Hour Concentration	3-Hour NAAQS
2.1 µg/m^3	80 µg/m^3	37 µg/m^3	1,300 µg/m^3

Figures 13 through 17 of the AAQMSR (**Tetra Tech, 2010a**) present the SO_2 annual, winter, spring, summer, and fall pollution roses, respectively.

Over the annual period (Figure 13 of the AAQMSR), the highest sector-average 1-hour SO_2 concentration was 2.4 µg/m^3 and occurred when the wind was blowing from the east-southeastern sector. A comparable concentration of 2.3 µg/m^3 occurred when the wind was blowing from the northeastern sector.

In the winter season (Figure 14 of the AAQMSR), the highest sector-average 1-hour SO_2 concentration was 2.7 µg/m3 and occurred when the wind was blowing from the northeastern sector. In the spring (Figure 15 of the AAQMSR), the highest sector-average 1-hour SO_2 concentration was 2.7 µg/m3 and occurred when the wind was blowing from the east-southeastern sector. In the summer (Figure 16 of the AAQMSR), the highest sector-average 1-hour SO_2 concentration was 1.9 µg/m3 and occurred when the wind was blowing from the south-southwestern sector. In the fall (Figure 17 of the AAQMSR), the highest sector-average 1-hour SO_2 sulfur dioxide concentration was 3.8 µg/m^3 and occurred when the wind was blowing from the north-northeastern sector.

In summary, there were no exceedances of SO_2 annual and 3-hour NAAQSs. The highest sector-average SO_2 1-hour concentrations occurred in the fall when the wind was blowing from the north-northeastern sector.

2.4.2 Nitrogen Dioxide

As shown in the table below, there was no exceedance of the annual NAAQS for NO_2 during the monitoring period.

Support Site Annual Average	Annual NAAQS
23 µg/m^3	100 µg/m^3

Figures 18 through 22 of the AAQMSR (**Tetra Tech, 2010a**) show the NO_2 annual, winter, spring, summer, and fall pollution roses, respectively. For the annual period (Figure 18 of the AAQMSR), the highest sector-average 1-hour NO_2 concentration was 27.2 µg/m^3 and occurred when the wind was blowing from the northeastern sector.

In the winter season (Figure 19 of the AAQMSR), the highest sector-average 1-hour NO2 concentration was 35.0 µg/m^3 and occurred when the wind was blowing from the northeastern sector. In the spring (Figure 20 of the AAQMSR), the highest sector-average 1-hour NO_2 concentration was 29.0 µg/m^3 and occurred when the wind was blowing from the southeastern and southern sectors. In the summer (Figure 21 of the AAQMSR), the highest sector-average 1-hour NO_2 concentration was 24.0 µg/m^3 and occurred when the wind was blowing from the southeastern sector. In the fall (Figure 22 of the AAQMSR), the highest sector-average 1-hour NO_2 concentration was 21.8 µg/m^3 and occurred when the wind was blowing from the southwestern sector.

In summary, there was no exceedance of the NO_2 annual NAAQS. The highest sector-average 1-hour NO_2 concentrations occurred in the winter when the wind was blowing from the northeastern sector.

2.4.3 Carbon Monoxide

The table presented below indicates there were no exceedances of the 1-hour or 8-hour NAAQSs for CO during the monitoring period.

Support Site Maximum 1-Hour Concentration	1-Hour NAAQS	Support Site Maximum 8-Hour Concentration	8-Hour NAAQS
4 mg/m^3	40 mg/m^3	3 mg/m^3	10 mg/m^3

Figures 23 through 27 of the AAQMSR **(Tetra Tech, 2010a)** show the CO annual, winter, spring, summer, and fall pollution roses, respectively. For the annual period (Figure 23 of the AAQMSR), the highest sector-average 1-hour carbon monoxide concentration was 0.6 mg/m^3 and occurred when the wind was blowing from the northeastern sector.

In the winter season (Figure 24 of the AAQMSR), the highest sector-average 1-hour CO concentration was 0.7 mg/m^3 and occurred when the wind was blowing from the northeastern sector. In the spring (Figure 25 of the AAQMSR), the highest sector-average 1-hour CO concentration was 0.4 mg/m^3 and occurred when the wind was blowing from the north-northeastern and east-northeastern sectors. In the summer (Figure 26 of the AAQMSR), the highest sector-average 1-hour CO concentration was 0.2 mg/m^3 and occurred from all wind sector directions with the exception of north. In the fall (Figure 27 of the AAQMSR), the highest sector-average 1-hour CO concentration was 0.5 mg/m^3 and occurred when the wind was blowing from the east-northeastern sector.

In summary, there were no exceedances of CO 1-hour and 8-hour NAAQSs and the highest sector-average 1-hour CO concentrations occurred in the winter when the wind was blowing from the northeastern sector.

2.4.4 Ozone

The table below presents a comparison of O_3 ozone concentrations to the 1-hour or 8-hour NAAQSs for O_3 ozone during the monitoring period.

Support Site Maximum 1-Hour Concentration	1-Hour NAAQS	Support Site Maximum 8-Hour Concentration	8-Hour NAAQS*
215 µg/m^3	236 µg/m^3	158 µg/m^3	147 µg/m^3

To attain the 8-hour O_3 NAAQS, the 3-year average of the fourth-highest daily maximum 8-hour O_3 ozone concentration must not exceed 147 µg/m^3. Therefore, attainment of the 8-hour O_3 standard cannot be determined because there is only 1 year of O_3 data from the Support Site location.

Figures 28 through 32 of the AAQMSR **(Tetra Tech, 2010a)** show the O_3 annual, winter, spring, summer, and fall pollution roses, respectively. For the annual period (Figure 28 of the AAQMSR), the highest sector-average 1-hour O_3 concentration was 67 µg/m_3 and occurred when the wind was blowing from the west-southwest sector.

In the winter season (Figure 29 of the AAQMSR), the highest sector-average 1-hour O_3 concentration was 40.2 µg/m^3 and occurred when the wind was blowing from the southern sector. In the spring (Figure 30 of the AAQMSR), the highest sector-average 1-hour O_3 concentration was 66.1 µg/m^3 and occurred when the wind was blowing from the northern sector. In the summer (Figure 31 of the AAQMSR), the highest sector-average 1-hour O_3 concentration was 95.0 µg/m^3 and occurred when the wind was blowing from the west-southwestern sector. In the fall (Figure 32 of the AAQMSR), the highest

sector-average 1-hour O_3 concentration was 54.9 µg/m^3 and occurred when the wind was blowing from the east-northeastern sector.

In summary, there was no exceedance of the O_3 1-hour NAAQS. Compliance with the O_3 8-hour NAAQS could not be determined because this requires the collection of sampling data over a 3 year period and this study involved the collection of O_3 data for only one year. The highest sector-average 1-hour O_3 concentrations occurred in the summer when the wind was blowing from the west-southwestern sector.

2.4.5 CAM Non-Criteria Pollutants

As indicated previously, the CAM program included collection of 1-hour ambient concentrations of NO and NO_x because of the analysis method used by the gas analyzer to measure nitrogen dioxide. There are currently no NAAQSs for NO or NO_x. The presentation of monitoring results for these parameters in this report includes maximum 1-hour and annual sector average concentrations and pollution roses for annual and seasonal periods (winter, spring, summer, and fall).

2.4.5.1 Nitrogen Monoxide

The table below indicates the maximum 1-hour and annual average NO concentrations measured at the Support Site over the 12-month monitoring period.

Support Site Annual Average	Support Site Maximum 1-Hour Concentration
13 µg/m^3	341 µg/m^3

Figures 33 through 37 of the AAQMSR **(Tetra Tech, 2010a)** show the NO annual, winter, spring, summer, and fall pollution roses, respectively. For the annual period (Figure 33 of the AAQMSR), the highest sector-average 1-hour NO concentration was 18.5 µg/m^3 and occurred when the wind was blowing from the northeastern sector.

In the winter season (Figure 34 of the AAQMSR), the highest sector-average 1-hour NO concentration was 26.8 µg/m^3 and occurred when the wind was blowing from the east-northeastern sector. In the spring (Figure 35 of the AAQMSR), the highest sector-average 1-hour NO concentration was 21.4 µg/m^3 and occurred when the wind was blowing from the southern sector. In the summer (Figure 36 of the AAQMSR), the highest sector-average 1-hour NO concentration was 11.5 µg/m^3 and occurred when the wind was blowing from the north-northwestern sector. In the fall (Figure 37 of the AAQMSR), the highest sector-average 1-hour NO concentration was 25.0 µg/m^3 and occurred when the wind was blowing from the west-southwestern sector.

In summary, the highest sector-average NO concentrations occurred in the winter when the wind was blowing from the east-northeastern sector.

2.4.5.2 Nitrogen Oxides

The table below indicates the maximum 1-hour and annual average NO_x concentrations measured at the Support Site over the 12-month monitoring period.

Support Site Annual Average	Support Site Maximum 1-Hour Concentration
21 ppb	337 ppb

Figures 38 through 42 of the AAQMSR **(Tetra Tech, 2010a)** show the NO_x annual, winter, spring, summer, and fall pollution roses, respectively. For the annual period (Figure 38 of the AAQMSR), the highest sector-average 1-hour NOx concentration was 27.7 parts per billion (ppb) and occurred when the wind was blowing from the northeast sector.

In the winter season (Figure 39 of the AAQMSR), the highest sector-average 1-hour NOx concentration was 38.6 ppb and occurred when the wind was blowing from the east-northeastern sector. In the spring (Figure 40 of the AAQMSR), the highest sector-average 1-hour NOx concentration was 28.7 ppb and occurred when the wind was blowing from the southeastern sector. In the summer (Figure 41 of the AAQMSR), the highest sector-average 1-hour NOx concentration was 21.7 ppb and occurred when the wind was blowing from the north-northwestern sector. In the fall (Figure 42 of the AAQMSR), the highest sector-average 1-hour NOx concentration was 29.0 ppb and occurred when the wind was blowing from the west-southwestern sector.

In summary, the highest sector-average NO_x concentrations occurred in the winter when the wind was blowing from the east-northeastern sector.

2.4.6 PM_{10}

PM_{10} is the only criteria pollutant that was sampled (i.e., not "monitored" at the CAM instrument shelter) in every study area. **Sections 2.3.1 through 2.3.10** present the results of ambient air sampling for PM_{10} in the Campania Region and the nine individual study areas.

2.5 METEOROLOGICAL MONITORING DATA

2.5.1 Support Site Data (Study Area 6)

At the Support Site meteorological tower (see **Figure 2-1**), the meteorological parameters measured and reported as 1-hour average values during the period July 1, 2008, through July 7, 2009, included wind speed, wind direction, temperature at 2 meters and 10 meters ags, solar radiation, barometric pressure, and rainfall. Other parameters measured during the period include standard deviation of wind direction and ΔT between 2 meters and 10 meters, which are measures of atmospheric stability for use in dispersion modeling. A summary of observations for wind direction standard deviation and ΔT are not included in this report; however, all reported data are presented in Appendix D of the AAQMSR **(Tetra Tech, 2010a)**.

Table 2-12 presents a summary of annual and seasonal statistics for each reported parameter. A complete summer season at the Support Site constitutes data for the two periods July 1, 2008, to August 31, 2008 and June 1, 2009, to July 7, 2009 because of the start and end dates of the meteorological monitoring program. **Table 2-12** shows the 1-hour maximum, minimum, and average measured values for each parameter and total rainfall for each period. **Sections 2.5.1.1** to **2.5.1.5** present an overview of the results shown in **Table 2-12**.

2.5.1.1 Wind Speed/Wind Direction

The average hourly wind speed in meters per second (m/sec) at the Support Site was greatest in the winter (2.80 m/sec) and lowest in the fall (2.05 m/sec). The maximum reported 1-hour average wind speed was 10.73 m/sec, which occurred in the spring. The annual average 1-hour wind speed was 2.37 m/sec. Calm winds occurred most frequently in the fall (5.3 percent) and averaged about 2.9 percent on an annual basis.

Figures 53 through 57 in the AAQMSR **(Tetra Tech, 2010a)** are wind roses that show the frequency distribution of measured wind directions and prevailing wind directions for annual and seasonal periods. In general, prevailing wind directions varied mainly between easterly and westerly components over the annual period. The prevailing wind direction at the Support Site over the annual period was from the east (Figure 53 of the AAQMSR). The prevailing wind direction was from the east-northeast in the fall (Figure 55 of the AAQMSR) and winter (Figure 56 of the AAQMSR) but shifted to the west-southwest in the summer (Figure 54 of the AAQMSR) and west in the spring (Figure 57 of the AAQMSR).

2.5.1.2 Temperature

Table 2-12 indicates that the hourly average temperature for the annual period ranged from a low of 27 degrees Fahrenheit (°F) in winter to a high of 95°F in early fall. By comparison, the maximum reported temperature in summer was 94°F. The annual average temperature for the Support Site was 61°F. Average 1-hour seasonal temperatures ranged from 46°F in winter to 76°F in summer.

2.5.1.3 Barometric Pressure

Table 2-12 shows that barometric pressure measurements in at the Support Site were lowest in the spring (975 millibars) and greatest in the winter (1,030 millibars). The large difference in maximum and minimum barometric pressure measurements in winter and spring are responsible for greater maximum and average wind speeds during these seasons. Conversely, the smaller range of pressure in the two summer seasons in the period of record results in lower average wind speeds. This range of barometric pressure is comparable to pressure measurements at other regional locations. The annual average barometric pressure was 1,012 millibars.

2.5.1.4 Solar Radiation

Table 2-12 indicates that maximum 1-hour solar radiation measurements at the Support Site ranged from 633 watts per square meter (watts/m^2) in winter to 930 watt/m^2 in summer. On average, 1-hour solar radiation ranged between 75 watts/m^2 in winter to 268 watts/m^2 in summer. Conditions that can influence the amount of solar radiation received at a location include clouds, water vapor, air pollution, time of day, and season.

2.5.1.5 Rainfall

Table 2-12 shows that the total annual rainfall at the Support Site over the period of record was 36.2 inches, which is comparable to annual rainfall amounts in the Naples region. At least 75 percent of the annual total occurred in fall (9 inches) and winter (18.1 inches). This trend in precipitation is representative of rainfall patterns in the Naples region. The driest season of the year was summer with only 1.4 inches of rain. Total rainfall in the spring was 7.8 inches. The maximum amount of rainfall in a 1-hour period was 1.1 inches and occurred in the summer.

2.5.2 Other Regional Meteorological Data

In addition to the Support Site meteorological data, this report summaries wind speed and wind direction data collected at various other locations for the purpose of characterizing and comparing wind flow

patterns across the nine study areas. The additional stations presented in this report are located in Capodichino, Grazzanise, San Nicola/Caserta Nord, and Ercolano, Italy and are shown on **Figure 2-1**.

The additional Italian reporting stations consist of airports and cooperative observers. The meteorological data observations for these additional locations are courtesy of Weather Underground, Inc. In most cases, these stations are not located close to ambient air quality sampling locations, unless noted otherwise. As a result, wind conditions reported at these locations may not necessarily be representative of meteorological conditions at the closest ambient air quality sampling station because of the differences in local topography, instrument exposure, or other localized conditions. **Sections 2.5.2.1** to **2.5.2.5** present an overview of annual and seasonal prevailing wind conditions for the additional locations. A complete summer season at these stations includes data for the two periods July 1, 2008, to August 31, 2008, and June 1, 2009, to July 7, 2009, because of the start and end dates of the meteorological monitoring program. Appendix E of the AAQMSR **(Tetra Tech, 2010a)** contains the meteorological data for these other regional stations.

2.5.2.1 Capodichino

The Capodichino reporting station is in the southern portion of Study Area 3 (**Figure 2-1**) and is in close proximity to the Capodichino air quality monitoring station. Annual prevailing wind direction in Capodichino was from the south and wind speed averaged about 1.80 m/sec. The percentage of calm winds at Capodichino was high at 44.8 percent because the station reports all wind speeds less than 1.34 m/sec as calm.

Prevailing wind direction in the summer at Capodichino was from the south and wind speed averaged 2.08 m/sec. The prevailing wind direction in the fall was also from the south and the average wind speed was 1.43 m/sec. Winter prevailing wind directions changed to the north-northeast and averaged 1.98 m/sec, while prevailing wind direction in spring was south and the speed averaged 1.71 m/sec.

2.5.2.2 Ercolano

The Ercolano reporting station is located south of Study Area 3 and a short distance from the Bay of Naples (**Figure 2-1**). Annual prevailing wind direction was from the south and wind speed averaged 1.38 m/sec. The annual percentage of calm/light and varible winds was high at 35.3 percent because the station reports all wind speeds less than 1.34 m/sec as calm.

Prevailing wind direction in the summer at Ercolano was from the south and wind speed averaged 1.14 m/sec, with the prevailing wind direction in the fall also from the northeast and the average wind

speed was 1.23 m/sec. Winter prevailing wind direction was from the south and averaged 1.26 m/sec, and prevailing wind direction in spring was also south and averaged 1.75 m/sec.

2.5.2.3 San Nicola/Caserta Nord

The San Nicola/Caserta Nord observations are a combined database from two locations. The San Nicola station is located in the northeastern corner of Study Area 6 (**Figure 2-1**). The Caserta Nord station is located approximately 3 miles northwest of San Nicola just within the southern boundary of Study Area 9 (**Figure 2-1**). The San Nicola station terminated operation in May 2009 and was replaced by Caserta Nord to compile a full year of meteorological data in the northeastern portion of the nine study area region.

Annual prevailing wind direction was from the southwest and wind speed averaged 2.02 m/sec. The annual percentage of calm winds was high (30.3 percent) because the station reports all wind speeds less than 1.34 m/sec as calm.

Prevailing wind direction in summer at San Nicola/Caserta Nord was from the southwest and average wind speed was 1.70 m/sec. Two prevailing wind directions with identical frequencies occurred in the fall from the southwest and east-northeast. The average wind speed in the fall was 1.04 m/sec. Winter prevailing wind direction was from the northeast and averaged 2.79 m/sec, while wind direction in spring was from the southwest and averaged 2.43 m/sec.

2.5.2.4 Grazzanise

The Grazzanise airport reporting station is located just northwest of Study Area 8 (**Figure 2-1**) and the Villa ambient air sampling station location. Annual prevailing wind direction is from the northeast and the wind speed averaged 2.89 m/sec. The annual percentage of calm winds was 7.8 percent.

Prevailing wind direction in summer at Grazzanise was from the west and average wind speed was 2.49 m/sec. Prevailing wind direction in the fall was from the north-northeast and average wind speed was 2.68 m/sec. Winter the prevailing wind direction was from the east-northeast and averaged 3.50 m/sec, while prevailing wind direction in spring was from the west-southwest and averaged 2.64 m/sec.

2.5.2.5 Comparison Summary

Table 2-13 summarizes annual and seasonal average wind speeds and prevailing wind directions for the regional meteorological stations described in **Section 2.5.2**. **Table 2-13** indicates that the average

annual and seasonal wind speeds at Grazzanise and San Nicola/Caserta Nord were most similar but slightly greater than those at the Support Site. In general, average wind speeds were greatest during all periods at Grazzanise followed by the Support Site. The lowest wind speeds generally occurred at Ercolano.

Table 2-13 further indicates that the only locations that reported the same prevailing wind direction as the Support Site were Grazzanise in the winter (east-northeast) and San Nicola/Caserta Nord in the fall (east-northeast). The Capodichino and Ercolano stations, which are located in the southern portion of the nine study area region, exhibited the most similarity in terms of wind direction with prevailing southerly winds in the annual, spring, and summer periods and separate directions in the fall and winter. The remaining meteorological stations, located in the northern portion of the nine study area region, exhibited more easterly or westerly components to prevailing wind directions.

In general, prevailing wind direction at the Support Site is not indicative of similar conditions at the other eight of nine study areas.

2.6 SUMMARY

Based on conditions in the field and data collected across the Campania Region between July 9, 2008 and July 8, 2009, the following summarizes regional ambient air quality and meteorological conditions for the 1-year period of assessment activities:

1. Sixty (60) parameters exceeded corresponding ambient air RSLs in at least one sample across the Campania Region. However, only concentrations of 5 parameters exceeded concentrations greater than project-specific risk management criteria. Those parameters included acrolein, DBCP, formaldehyde, 1,2-dichloropropane, and chromium. **Table 2-14** summarizes average regional ambient air concentration data for these Campania Region risk driver parameters and also compares them to U.S. ambient air concentration data available in the scientific literature.

TABLE 2-14
U.S. URBAN AMBIENT AIR CONCENTRATION COMPARISON VALUES

Risk Driver	Average Ambient Air 1-Year Concentration[1]	ATSDR Background[2]	EPA 2007[3]	National Urban Average NATA 2009[4]
1,2-Dibromo-3-chloropropane	0.07	0.0018	NV	NV
Acrolein	1.78	1.14 – 12.8	95	0.13
Chromium	0.003	0.005 – 0.525	NV	0.0003
Formaldehyde	2.57	13 – 20	NV	1.81
1,2-Dichloropropane	2.58	0.1 – 0.5	3	NV

1 All concentrations are in $\mu g/M^3$.
2 Agency for Toxic Substances and Disease Registry (ATSDR) Toxicological Profiles for individual chemicals with minimum values used for comparison. Yellow-shaded cells indicate that the concentration measured in the Campania Region exceeded the applicable U.S. comparison value provided.
3 Maximum Background Concentration in 2007 EPA Air Toxics Database.
4 EPA, 2009, 1999 National Air Toxics Assessment (NATA).
NV = No value.

2. There were 13 exceedances of the particulate matter (PM_{10}) criteria pollutant standard out of 436 samples reported.

3. Regional ambient air sampling data presented in this report include more than 92,000 individual chemical analysis results reported for 211 chemical substances (parameters) measured at the nine ambient air sampling stations in an average of 439 samples during this 1-year period. Each of these 439 samples was collected over a 24-hour period.

4. Chemical classes of compounds or elements measured in these ambient air samples from the nine ambient air sampling stations include VOCs, SVOCs, dioxins and furans, pesticides, PCBs, PM_{10}, PM_{10} metals (the metals portion of PM_{10}), mercury vapor, and aldehydes.

5. For the period July 9, 2008, through July 8, 2009, there were no exceedances of NAAQSs for gas-phase criteria and non-criteria pollutants, which include SO_2, NO, NO_2, NO_x, CO, and O_3.

6. Based on data from the Navy's Support Site meteorological monitoring tower between July 1, 2008, and July 8, 2009, the prevailing wind direction is east, average wind speed is 2.4 meters per sec (5.3 miles per hour), and percent of calm/light and variable winds is 2.9.

TABLE 2-1

CAMPANIA REGION AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Location of Maximum Detection	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Volatile Organics (ug/m3)													
1,1,1,2-TETRACHLOROETHANE	21/438	2	0.33	0.189 J	5.55	SUAQ	0.180	1.80	0.481	0.118	0.090	0.273	0.198
1,1,1-TRICHLOROETHANE	100/438		5200	0.120 J	1.23	VIAQ	0.150	1.50	0.226	0.117	0.075	0.100	0.256
1,1,2,2-TETRACHLOROETHANE	84/438	84	0.042	0.098 J	1.10	CSAQ	0.040	0.400	0.293	0.074	0.020	0.128	0.390
1,1,2-TRICHLOROETHANE	8/438	6	0.15	0.070 J	0.367	LEAQ	0.080	0.800	0.207	0.047	0.040	0.043	0.040
1,1,2-TRICHLOROTRIFLUOROETHANE	382/438		31000	0.163 J	3.08	CPAQ	0.080	0.836	0.704	0.625	0.659	0.288	0.926
1,1-DICHLOROETHANE	15/438		1.5	0.072 J	0.245	EVAQ	0.050	0.500	0.134	0.031	0.025	0.030	0.027
1,1-DICHLOROETHENE	23/438		210	0.104 J	0.263 J	RSAQ	0.100	1.00	0.160	0.061	0.050	0.050	0.135
1,2,3-TRICHLOROBENZENE	48/407		NC	0.424 J	19.8 J	CSAQ	0.400	4.00	2.14	0.445	0.200	1.16	1.751
1,2,3-TRICHLOROPROPANE	5/438		NC	0.182 J	0.658	VIAQ	0.070	0.700	0.346	0.042	0.035	0.048	0.035
1,2,4-TRICHLOROBENZENE	116/420	27	2.1	0.255 J	19.2 J	CSAQ	0.190	3.42	1.89	0.661	0.095	1.50	2.312
1,2,4-TRIMETHYLBENZENE	404/438	2	7.3	0.050	13.5	VIAQ	0.050	1.44	1.26	1.17	0.804	1.26	3.309
1,2-DIBROMO-3-CHLOROPROPANE	24/409	24	0.00016	0.222	0.716	CAAQ	0.100	1.00	0.306	0.071	0.050	0.077	0.261
1,2-DIBROMOETHANE	10/438	10	0.0041	0.149 J	0.247	RSAQ	0.120	1.20	0.189	0.069	0.060	0.055	0.060
1,2-DICHLOROBENZENE	102/438		210	0.113 J	7.48	VIAQ	0.100	1.00	0.530	0.169	0.050	0.436	0.882
1,2-DICHLOROETHANE	70/438	69	0.094	0.080 J	1.93	CPAQ	0.100	1.00	0.207	0.080	0.050	0.112	0.220
1,2-DICHLOROPROPANE	310/438	300	0.24	0.153 J	80.8	VIAQ	0.090	0.900	3.62	2.58	0.702	5.51	9.276
1,2-DICHLOROTETRAFLUOROETHANE	27/438		NC	0.204 J	0.572 J	VIAQ	0.260	10.4	0.333	0.162	0.130	0.172	0.301
1,3,5-TRIMETHYLBENZENE	342/438		NC	0.049 J	4.72	VIAQ	0.050	0.667	0.445	0.358	0.244	0.407	1.005
1,3-BUTADIENE	28/438	28	0.081	0.467 J	2.06	EVAQ	0.490	19.6	0.774	0.304	0.245	0.258	0.687
1,3-DICHLOROBENZENE	103/438		NC	0.090	3.83 J	SUAQ	0.090	0.900	0.399	0.136	0.045	0.224	0.819
1,4-DICHLOROBENZENE	122/429	80	0.22	0.082 J	5.61 J	SUAQ	0.090	0.900	0.509	0.183	0.045	0.298	0.794
2-BUTANONE	386/438		5200	0.418 J	16.1	LEAQ	0.330	3.30	2.33	2.08	1.60	1.99	4.619
ACETONE	425/438	1	32000	1.39 J	85200 J	CAAQ	1.06	10.6	218	212	13.5	4070	32.730
ACETONITRILE	209/438	1	63	0.326 J	105	CSAQ	0.380	15.2	1.67	0.923	0.190	5.12	2.216
ACETOPHENONE	117/420		NC	1.03 J	165 J	CSAQ	1.02	10.2	15.3	4.68	0.510	14.1	22.380
ACROLEIN	299/438	299	0.021	0.412 J	21.5	LEAQ	0.410	16.4	2.49	1.78	1.45	1.94	4.972
ACRYLONITRILE	38/438	38	0.036	0.153 J	0.918	VIAQ	0.200	2.00	0.422	0.138	0.100	0.134	0.405
BENZENE	433/438	427	0.31	0.103 J	454	VIAQ	0.030	0.498	2.82	2.79	1.40	21.6	4.330
BIS(2-CHLOROETHYL)ETHER	0/438		0.0074				0.160	1.60		0.088	0.080	0.069	NA[1]
BROMODICHLOROMETHANE	16/438	16	0.066	0.133 J	0.758	RSAQ	0.150	1.50	0.395	0.094	0.075	0.098	0.087
BROMOFORM	9/438		2.2	0.167 J	0.336	SUAQ	0.110	1.10	0.254	0.065	0.055	0.055	0.055
BROMOMETHANE	46/438		5.2	0.119 J	0.931	RSAQ	0.070	2.80	0.253	0.063	0.035	0.089	0.267
CARBON DISULFIDE	336/438		730	0.104 J	51.9	RSAQ	0.100	1.62	2.28	1.77	0.474	4.29	7.355
CARBON TETRACHLORIDE	407/438	406	0.16	0.144 J	1.22	EVAQ	0.130	1.30	0.627	0.607	0.603	0.157	0.880
CHLOROBENZENE	69/438		52	0.062 J	1.33	VIAQ	0.040	0.413	0.216	0.059	0.020	0.103	0.209
CHLORODIBROMOMETHANE	6/438	6	0.09	0.186 J	0.436 J	EVAQ	0.240	2.40	0.284	0.134	0.120	0.105	0.120
CHLOROETHANE	9/438		10000	0.118 J	0.981	NAAQ	0.110	4.40	0.307	0.068	0.055	0.085	0.055
CHLOROFORM	171/438	169	0.11	0.093 J	2.25	CPAQ	0.110	1.10	0.255	0.141	0.055	0.175	0.349
CHLOROMETHANE	411/438	1	94	0.514 J	94.1	VIAQ	0.070	2.80	2.02	1.90	1.51	5.05	2.160
CIS-1,2-DICHLOROETHENE	18/438		NC	0.078 J	1.46	EVAQ	0.090	0.900	0.284	0.059	0.045	0.087	0.056
CIS-1,3-DICHLOROPROPENE	49/438	16	0.61	0.089 J	3.25	SUAQ	0.040	0.400	0.613	0.088	0.020	0.296	0.429
CYCLOHEXANE	310/438		6300	0.112 J	797	VIAQ	0.110	1.10	3.97	2.83	0.470	38.1	3.932
DIBROMOMETHANE	26/438		NC	0.141 J	0.341 J	CSAQ	0.150	1.50	0.226	0.092	0.075	0.074	0.211
DICHLORODIFLUOROMETHANE	425/438		210	0.397 J	37.0	VIAQ	0.180	7.20	2.45	2.38	2.24	2.07	3.263
ETHYLBENZENE	412/438	154	0.97	0.091 J	26.6	VIAQ	0.030	0.867	1.08	1.03	0.715	1.48	2.595
HEXACHLOROBUTADIENE	131/438	131	0.11	0.218 J	3.20	NAAQ	0.240	2.48	0.783	0.377	0.120	0.497	1.438
HEXANE	409/438	2	730	0.180 J	5880	VIAQ	0.170	0.602	26.3	24.6	1.08	287	41.845
ISOBUTANOL	82/438		NC	0.492 J	15.5	VIAQ	0.460	4.60	3.15	0.799	0.230	1.78	3.610
ISOPROPYLBENZENE	83/438		420	0.084 J	4.88	VIAQ	0.070	0.700	0.309	0.089	0.035	0.255	0.320
M+P-XYLENES	433/438		730	0.171 J	70.7	VIAQ	0.198	1.39	3.65	3.61	2.38	4.48	10.045
METHYL ACETATE	180/438		NC	0.272 J	6.29	CAAQ	0.270	2.70	0.646	0.357	0.135	0.440	1.082
METHYL CYCLOHEXANE	268/438		NC	0.084 J	640	VIAQ	0.080	0.800	3.57	2.20	0.189	30.7	3.096
METHYL TERT-BUTYL ETHER	207/438	2	9.4	0.166 J	12.4	CAAQ	0.170	1.70	1.49	0.759	0.085	1.34	3.252
METHYLENE CHLORIDE	408/438	17	5.2	0.119 J	32.2	EVAQ	0.080	0.080	1.38	1.29	0.725	2.66	3.542
O-XYLENE	414/438		730	0.096 J	28.0	VIAQ	0.060	1.16	1.31	1.24	0.851	1.68	3.397
PENTACHLOROETHANE	2/438		NC	0.255 J	0.477 J	CAAQ	0.250	2.50	0.366	0.139	0.125	0.109	0.125
STYRENE	276/438		1000	0.099 J	17.0	CPAQ	0.070	0.718	0.892	0.586	0.277	1.31	1.889
TETRACHLOROETHENE	258/438	258	0.41	1.10 J	56.7	VIAQ	1.45	7.09	3.86	2.60	1.76	4.44	5.867
TOLUENE	435/438		5200	0.113 J	618	VIAQ	0.253	1.19	6.66	6.62	3.62	29.7	14.330
TRANS-1,2-DICHLOROETHENE	12/438		63	0.090 J	0.244 J	VIAQ	0.110	1.10	0.164	0.064	0.055	0.051	0.055
TRANS-1,3-DICHLOROPROPENE	41/438	16	0.61	0.096 J	3.01	SUAQ	0.070	0.700	0.684	0.099	0.035	0.290	0.348
TRANS-1,4-DICHLORO-2-BUTENE	0/423		0.00058				0.170	1.70		0.094	0.085	0.075	NA[1]
TRICHLOROETHENE	120/438		1.2	0.071 J	1.09	CSAQ	0.080	0.800	0.268	0.107	0.040	0.139	0.381
TRICHLOROFLUOROMETHANE	429/438		730	0.631 J	4.65 J	SUAQ	0.310	3.10	1.65	1.63	1.65	0.374	2.159
VINYL ACETATE	57/438		210	0.238 J	11.6	SUAQ	0.110	1.10	2.92	0.432	0.055	1.21	2.944
VINYL CHLORIDE	8/438	5	0.16	0.066 J	0.351	CSAQ	0.070	2.80	0.190	0.043	0.035	0.050	0.035

NC - No Criteria
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Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-1

CAMPANIA REGION AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Location of Maximum Detection	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Semivolatile Organics (ug/m3)													
1,1-BIPHENYL	229/441		NC	0.0002 J	0.009 J	SUAQ	0.0002	0.002	0.001	0.0007	0.0004	0.001	0.0026
1,2,4,5-TETRACHLOROBENZENE	0/437		NC				0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
2,3,4,6-TETRACHLOROPHENOL	0/433		NC				0.003	0.005		0.002	0.002	0.0001	NA[1]
2,4,5-TRICHLOROPHENOL	14/433		NC	0.002 J	0.009 J	CAAQ	0.0007	0.001	0.004	0.0006	0.0005	0.0008	0.0005
2,4,6-TRICHLOROPHENOL	12/433		0.78	0.0010 J	0.009 J	RSAQ	0.0005	0.0008	0.005	0.0004	0.0003	0.0008	0.0003
2,4-DICHLOROPHENOL	36/434		NC	0.0006 J	0.010 J	RSAQ	0.0005	0.0008	0.003	0.0005	0.0003	0.0009	0.0017
2,4-DIMETHYLPHENOL	218/439		NC	0.0005 J	0.127	EVAQ	0.0005	0.004	0.009	0.004	0.0007	0.012	0.0201
2,4-DINITROPHENOL	0/397		NC				0.002	0.004		0.001	0.002	0.0001	NA[1]
2,4-DINITROTOLUENE	0/437		0.027				0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
2,6-DICHLOROPHENOL	36/434		NC	0.0004 J	0.007 J	RSAQ	0.0002	0.001	0.002	0.0003	0.0002	0.0007	0.0011
2,6-DINITROTOLUENE	4/437		NC	0.001 J	0.004 J	CAAQ	0.0002	0.0004	0.002	0.0002	0.0002	0.0002	0.0002
2-CHLORONAPHTHALENE	6/437		NC	0.0003 J	0.001	RSAQ	0.0002	0.0004	0.0007	0.0002	0.0002	0.00007	0.0002
2-CHLOROPHENOL	0/433		NC				0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
2-METHYLNAPHTHALENE	127/439		NC	0.0003 J	0.006 J	EVAQ	0.0002	0.002	0.001	0.0005	0.0002	0.0007	0.0020
2-METHYLPHENOL	179/435		626	0.0003 J	0.076	EVAQ	0.0002	0.002	0.008	0.004	0.0002	0.010	0.0199
2-NITROPHENOL	35/434		NC	0.0005 J	0.004 J	RSAQ	0.0005	0.0008	0.002	0.0004	0.0003	0.0004	0.0009
3&4-METHYLPHENOL	229/434		NC	0.002 J	0.223	EVAQ	0.002	0.007	0.023	0.013	0.003	0.030	0.0730
3-NITROANILINE	1/437		NC	0.003 J	0.003 J	RSAQ	0.0002	0.0004	0.003	0.0002	0.0002	0.0001	0.0002
4,6-DINITRO-2-METHYLPHENOL	0/433		NC				0.001	0.002		0.0007	0.0008	0.00006	NA[1]
4-BROMOPHENYL PHENYL ETHER	0/437		NC				0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
4-CHLORO-3-METHYLPHENOL	23/433		NC	0.0006 J	0.016 J	RSAQ	0.0005	0.0008	0.005	0.0005	0.0003	0.001	0.0005
4-CHLOROANILINE	4/437		NC	0.0003 J	0.0006 J	EVAQ	0.0002	0.0005	0.0004	0.0002	0.0002	0.00003	0.0002
4-NITROANILINE	0/437		6.3				0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
4-NITROPHENOL	24/415		NC	0.0009 J	0.008 J	SUAQ	0.0007	0.001	0.003	0.0006	0.0005	0.0007	0.0010
ACENAPHTHENE	51/437		NC	0.0003 J	0.002 J	CAAQ	0.0002	0.0004	0.001	0.0003	0.0002	0.0003	0.0009
ACENAPHTHYLENE	194/439		NC	0.0002 J	0.019	EVAQ	0.0002	0.0004	0.003	0.001	0.0002	0.003	0.0070
ANILINE	5/437		1	0.0006 J	0.002 J	NAAQ	0.0002	0.009	0.001	0.0002	0.0002	0.0003	0.0002
ANTHRACENE	208/439		NC	0.0002 J	0.012 J	EVAQ	0.0002	0.0004	0.002	0.0010	0.0002	0.002	0.0041
ATRAZINE	0/437		NC				0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
BENZO(A)ANTHRACENE	94/438	1	0.0087	0.0003 J	0.009	EVAQ	0.0002	0.0004	0.002	0.0005	0.0002	0.0010	0.0022
BENZO(A)PYRENE	113/438	62	0.00087	0.0002 J	0.006	EVAQ	0.0002	0.0003	0.001	0.0004	0.0001	0.0008	0.0024
BENZO(B)FLUORANTHENE	41/437		0.0087	0.0005 J	0.006	EVAQ	0.0005	0.0008	0.002	0.0004	0.0003	0.0006	0.0012
BENZO(G,H,I)PERYLENE	111/438		NC	0.0003 J	0.006 J	EVAQ	0.0002	0.0004	0.001	0.0005	0.0002	0.0007	0.0021
BENZO(K)FLUORANTHENE	58/438		0.0087	0.0005 J	0.006 J	EVAQ	0.0005	0.0008	0.002	0.0005	0.0003	0.0006	0.0014
BIS(2-ETHYLHEXYL)PHTHALATE	220/441	3	1	0.003 J	5.66	CPAQ	0.0002	0.567	0.079	0.047	0.013	0.341	0.0549
BUTYL BENZYL PHTHALATE	39/437		NC	0.0004 J	0.396	EVAQ	0.0002	0.026	0.022	0.002	0.0002	0.020	0.0058
CARBAZOLE	19/437		NC	0.0002 J	0.001 J	EVAQ	0.0002	0.0004	0.0005	0.0002	0.0002	0.00010	0.0002
CHRYSENE	209/439		0.087	0.0002 J	0.012 J	EVAQ	0.0002	0.0004	0.002	0.0009	0.0002	0.001	0.0036
DI-N-BUTYL PHTHALATE	194/441		NC	0.003 J	0.193	SUAQ	0.0003	0.165	0.040	0.023	0.012	0.031	0.0888
DI-N-OCTYL PHTHALATE	6/437		NC	0.001 J	0.005 J	EVAQ	0.0005	0.0008	0.003	0.0003	0.0003	0.0003	0.0003
DIBENZO(A,H)ANTHRACENE	5/437	1	0.0008	0.0003 J	0.006 J	EVAQ	0.0002	0.0003	0.0010	0.0001	0.0001	0.0001	0.0001
DIBENZOFURAN	274/440		NC	0.0002 J	0.029 J	EVAQ	0.0002	0.0004	0.004	0.002	0.0008	0.004	0.0118
DIETHYL PHTHALATE	178/440		NC	0.002 J	0.165 J	RSAQ	0.0003	0.055	0.008	0.005	0.003	0.007	0.0141
DIMETHYL PHTHALATE	136/438		NC	0.0003 J	0.004 J	SUAQ	0.0002	0.001	0.0008	0.0003	0.0002	0.0004	0.0010
DIPHENYLAMINE	43/437		NC	0.0003 J	0.006 J	CSAQ	0.0002	0.005	0.001	0.0003	0.0002	0.0005	0.0011
FLUORANTHENE	421/441		NC	0.0003 J	0.020 J	EVAQ	0.0003	0.0003	0.003	0.003	0.002	0.003	0.0089
FLUORENE	315/439		NC	0.0003 J	0.019 J	EVAQ	0.0002	0.001	0.003	0.002	0.001	0.003	0.0077
HEXACHLOROBENZENE	0/437		0.0053				0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
HEXACHLOROCYCLOPENTADIENE	0/437		0.21				0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
HEXACHLOROETHANE	0/437		0.61				0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
INDENO(1,2,3-CD)PYRENE	32/438		0.0087	0.001 J	0.006	EVAQ	0.001	0.002	0.002	0.0009	0.0008	0.0005	0.0018
NAPHTHALENE	168/440		0.072	0.0003 J	0.013 J	EVAQ	0.0003	0.009	0.002	0.0009	0.0005	0.001	0.0035
NITROBENZENE	3/437		0.061	0.0002 J	0.002 J	EVAQ	0.0002	0.0004	0.0009	0.0002	0.0002	0.00008	0.0002
O-TOLUIDINE	1/437		0.048	0.002 J	0.002 J	EVAQ	0.0002	0.0004	0.002	0.0002	0.0002	0.00008	0.0002
PENTACHLOROBENZENE	1/437		NC	0.0008 J	0.0008 J	CSAQ	0.0002	0.0004	0.0008	0.0002	0.0002	0.00003	0.0002
PENTACHLOROPHENOL	0/433		0.48				0.0007	0.001		0.0004	0.0005	0.00003	NA[1]
PHENANTHRENE	421/441		NC	0.0010	0.070	EVAQ	0.0003	0.005	0.011	0.011	0.008	0.011	0.0317
PHENOL	170/436		210	0.0006 J	0.120	EVAQ	0.0003	0.083	0.010	0.004	0.0007	0.012	0.0248
PYRENE	423/441		NC	0.0003 J	0.020 J	EVAQ	0.0003	0.0003	0.003	0.003	0.002	0.003	0.0077

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TABLE 2-1

CAMPANIA REGION AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Location of Maximum Detection	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Dioxins/Furans (ng/m3)													
1,2,3,4,6,7,8,9-OCDD	208/436		0.21	0.00004 J	0.073 J	SUAQ	0.00002	0.002	0.002	0.001	0.0001	0.004	0.0038
1,2,3,4,6,7,8,9-OCDF	226/436		0.21	0.00001 J	0.121 J	SUAQ	0.000004	0.0009	0.002	0.001	0.00007	0.006	0.0038
1,2,3,4,6,7,8-HPCDD	280/436	9	0.0064	0.00002 J	0.064 J	SUAQ	0.000007	0.0001	0.001	0.0008	0.0001	0.003	0.0034
1,2,3,4,6,7,8-HPCDF	303/434	18	0.0064	0.000008 J	0.149 J	SUAQ	0.000007	0.0010	0.002	0.002	0.0002	0.008	0.0056
1,2,3,4,7,8,9-HPCDF	307/432	1	0.0064	0.000001 J	0.025 J	SUAQ	0.000001	0.00004	0.0003	0.0002	0.00002	0.001	0.0008
1,2,3,4,7,8-HXCDD	238/427	4	0.00064	0.000001 J	0.003 J	SUAQ	0.0000008	0.00004	0.00008	0.00005	0.000007	0.0002	0.0002
1,2,3,4,7,8-HXCDF	338/434	69	0.00064	0.000006 J	0.046 J	SUAQ	0.000003	0.00005	0.0006	0.0005	0.00006	0.002	0.0019
1,2,3,6,7,8-HXCDD	265/433	17	0.00064	0.000003 J	0.012 J	SUAQ	0.000001	0.00009	0.0002	0.0001	0.00001	0.0006	0.0005
1,2,3,6,7,8-HXCDF	329/434	39	0.00064	0.000004 J	0.022 J	SUAQ	0.000002	0.00006	0.0003	0.0003	0.00004	0.001	0.0010
1,2,3,7,8,9-HXCDD	247/430	10	0.00064	0.000002 J	0.009 J	SUAQ	0.0000006	0.00004	0.0002	0.00010	0.00001	0.0005	0.0004
1,2,3,7,8,9-HXCDF	206/417	1	0.00064	0.0000007 J	0.017 J	SUAQ	0.0000008	0.00006	0.0001	0.00007	0.000003	0.0008	0.0001
1,2,3,7,8-PECDD	233/425	79	0.000064	0.000002 J	0.004 J	SUAQ	0.000001	0.00003	0.00009	0.00005	0.000007	0.0002	0.0002
1,2,3,7,8-PECDF	311/436	2	0.0021	0.000005 J	0.014 J	SUAQ	0.000002	0.00004	0.0002	0.0002	0.00003	0.0007	0.0007
2,3,4,6,7,8-HXCDF	342/434	49	0.00064	0.000004 J	0.033 J	SUAQ	0.000002	0.00004	0.0004	0.0003	0.00005	0.002	0.0013
2,3,4,7,8-PECDF	300/436	87	0.00021	0.000007 J	0.026 J	SUAQ	0.000003	0.00007	0.0003	0.0002	0.00004	0.001	0.0008
2,3,7,8-TCDD	172/433	27	0.000064	0.000002 J	0.0009 J	SUAQ	0.000001	0.00002	0.00004	0.00002	0.000004	0.00005	0.0001
2,3,7,8-TCDF	239/436	6	0.00064	0.000006 J	0.006 J	SUAQ	0.000004	0.0001	0.0002	0.00009	0.00002	0.0003	0.0003
TEQ	404/437	195	0.000064	0.00000001	0.030	SUAQ	0.000001	0.00001	0.0003	0.0003	0.00005	0.002	0.0012
TOTAL HPCDD	367/434		NC	0.00001 J	0.134 J	SUAQ	0.00001	0.0002	0.002	0.002	0.0002	0.007	0.0076
TOTAL HPCDF	344/433		NC	0.00001 J	0.252 J	SUAQ	0.000010	0.0003	0.003	0.003	0.0003	0.013	0.0086
TOTAL HXCDD	396/433		NC	0.000006 J	0.209 J	SUAQ	0.000004	0.0001	0.003	0.003	0.0004	0.011	0.0114
TOTAL HXCDF	397/434		NC	0.00002 J	0.364 J	SUAQ	0.00002	0.0002	0.004	0.003	0.0005	0.018	0.0115
TOTAL PECDD	400/433		NC	0.000002 J	0.252 J	SUAQ	0.000001	0.0001	0.002	0.002	0.0003	0.013	0.0094
TOTAL PECDF	417/436		NC	0.000007 J	0.425 J	SUAQ	0.00002	0.0002	0.003	0.003	0.0006	0.021	0.0106
TOTAL TCDD	390/436		NC	0.00002 J	0.225 J	SUAQ	0.000009	0.0002	0.002	0.002	0.0003	0.011	0.0059
TOTAL TCDF	414/437		NC	0.00004 J	0.334 J	SUAQ	0.000008	0.0004	0.003	0.003	0.0007	0.016	0.0078
Inorganics (ug/m3)													
ALUMINUM	356/436		5.2	0.015	3.01 J	CSAQ	0.012	3.00	0.485	0.443	0.265	0.495	1.539
ANTIMONY	139/436		NC	0.004	0.069	VIAQ	0.003	0.011	0.013	0.006	0.003	0.007	0.019
ARSENIC	298/436	259	0.00057	0.0002	0.063	CAAQ	0.0002	0.002	0.003	0.002	0.0009	0.005	0.009
BARIUM	346/436		0.52	0.003	0.127	EVAQ	0.002	0.261	0.015	0.015	0.011	0.018	0.036
BERYLLIUM	23/436	1	0.001	0.0002	0.001	CAAQ	0.0001	0.0009	0.0003	0.0001	0.00009	0.00007	0.0002
CADMIUM	239/436	16	0.0014	0.0002	0.006	CAAQ	0.0001	0.003	0.0006	0.0004	0.0003	0.0005	0.001
CHROMIUM	189/436	189	0.0002	0.0005	0.030	CAAQ	0.0003	0.015	0.005	0.003	0.002	0.004	0.009
COBALT	263/436	137	0.00027	0.00009	0.002	SUAQ	0.00008	0.001	0.0004	0.0002	0.0002	0.0002	0.001
COPPER	3/436		NC	0.465	7.26	CSAQ	0.321	6.69	4.24	0.331	0.287	0.434	0.380
IRON	0/436		NC				6.42	26.8		5.87	5.73	0.960	NA[1]
LEAD	379/436		NC	0.001	0.157	EVAQ	0.001	0.069	0.017	0.015	0.010	0.018	0.047
MANGANESE	312/436	4	0.052	0.0005	0.168	CAAQ	0.0001	0.115	0.015	0.012	0.008	0.014	0.033
MERCURY	3/436		0.31	0.006	0.007	VIAQ	0.0005	0.011	0.006	0.0006	0.002	0.0008	0.001
NICKEL	0/436		0.0094				0.160	0.669		0.147	0.143	0.024	NA[1]
SELENIUM	0/436		21				0.032	0.133		0.029	0.029	0.005	NA[1]
SILVER	0/436		NC				0.032	0.133		0.029	0.029	0.005	NA[1]
THALLIUM	42/436		NC	0.0009	0.008	CSAQ	0.0006	0.006	0.003	0.0008	0.0006	0.0008	0.002
TIN	271/436		NC	0.0002	0.032	CSAQ	0.0001	0.024	0.005	0.004	0.003	0.004	0.012
VANADIUM	29/436		NC	0.011	0.039	CAAQ	0.006	0.023	0.019	0.007	0.006	0.004	0.013
ZINC	0/436		NC				1.60	6.69		1.47	1.43	0.240	NA[1]
Miscellaneous Parameters (ug/m3)													
PM10µ 24-HOUR CONCENTRATIONS	431/436	13	150	6.13	348	LEAQ	4.16	6.39	55.5	54.9	47.5	35.7	120
Vapor Phase Mercury (ug/m3)													
MERCURY	343/438		0.31	0.000002 J	0.021 J	EVAQ	0.00005	0.008	0.003	0.003	0.002	0.002	0.007

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-1

CAMPANIA REGION AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Location of Maximum Detection	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Aldehydes (ug/m3)													
ACETALDEHYDE	418/440	244	1.1	0.131 J	16.0	CSAQ	0.054	1.90	1.50	1.44	1.22	1.21	3.161
BENZALDEHYDE	401/439		NC	0.082 J	41.1	VIAQ	0.013	1.96	0.840	0.775	0.458	2.22	1.634
BUTYRALDEHYDE	336/439		NC	0.029 J	5.14	CSAQ	0.026	0.111	0.401	0.310	0.207	0.409	0.969
CROTONALDEHYDE	87/439		NC	0.011 J	0.551	VIAQ	0.011	0.041	0.115	0.029	0.007	0.060	0.144
FORMALDEHYDE	405/440	404	0.19	0.057 J	16.9	CPAQ	0.162	5.70	2.75	2.65	2.19	1.91	5.582
HEXALDEHYDE	308/439		NC	0.033 J	2.48	VIAQ	0.019	0.262	0.265	0.195	0.152	0.226	0.553
M-TOLUALDEHYDE	205/439		NC	0.015 J	3.34	NAAQ	0.012	0.210	0.352	0.173	0.044	0.289	0.648
METHACRYLALDEHYDE	296/440		NC	0.011 J	6.13	VIAQ	0.011	0.019	0.227	0.155	0.085	0.329	0.478
N-VALERALDEHYDE	333/439		NC	0.015 J	1.74	CAAQ	0.011	0.016	0.170	0.130	0.079	0.181	0.368
PROPIONALDEHYDE	379/439		8.3	0.009 J	3.51	CSAQ	0.006	0.725	0.272	0.250	0.177	0.281	0.691
Pesticides/PCBs (ug/m3)													
4,4'-DDD	2/434		0.035	0.002 J	0.004 J	VIAQ	0.000004	0.0006	0.003	0.0002	0.0002	0.0002	0.00024
4,4'-DDE	0/434		0.025				0.000004	0.0007		0.0002	0.0002	0.00002	NA[1]
4,4'-DDT	0/434		0.025				0.000008	0.044		0.0008	0.0005	0.002	NA[1]
ALDRIN	0/434		0.0005				0.000010	0.002		0.0006	0.0006	0.00005	NA[1]
ALPHA-BHC	0/434		0.0014				0.000003	0.0005		0.0002	0.0002	0.00001	NA[1]
ALPHA-CHLORDANE	2/434		0.024	0.0009 J	0.002 J	CAAQ	0.0005	0.0008	0.001	0.0003	0.0003	0.00009	0.00030
AROCLOR-1016	0/434		0.12				0.0001	0.016		0.006	0.006	0.001	NA[1]
AROCLOR-1221	0/434		0.0043				0.0001	0.016		0.006	0.006	0.001	NA[1]
AROCLOR-1232	0/434		0.0043				0.0001	0.016		0.006	0.006	0.001	NA[1]
AROCLOR-1242	0/434		0.0043				0.0001	0.016		0.006	0.006	0.001	NA[1]
AROCLOR-1248	0/434		0.0043				0.0001	0.016		0.006	0.006	0.001	NA[1]
AROCLOR-1254	0/434		0.0043				0.0001	0.016		0.006	0.006	0.001	NA[1]
AROCLOR-1260	0/434		0.0043				0.0001	0.016		0.006	0.006	0.001	NA[1]
BETA-BHC	0/434		0.0046				0.000002	0.0002		0.00009	0.00009	0.000007	NA[1]
DELTA-BHC	0/434		0.0014				0.000006	0.0009		0.0003	0.0003	0.00003	NA[1]
DIELDRIN	6/434	6	0.00053	0.0008 J	0.012 J	CAAQ	0.000007	0.001	0.005	0.0005	0.0004	0.0007	0.00043
ENDOSULFAN I	9/434		NC	0.001	0.003 J	LEAQ	0.00001	0.002	0.002	0.0007	0.0007	0.0002	0.001
ENDOSULFAN II	0/434		NC				0.000005	0.0007		0.0003	0.0003	0.00002	NA[1]
ENDOSULFAN SULFATE	3/434		NC	0.004 J	0.025 J	EVAQ	0.00001	0.002	0.012	0.0007	0.0006	0.001	0.001
ENDRIN	0/434		NC				0.000004	0.0006		0.0002	0.0002	0.00002	NA[1]
ENDRIN ALDEHYDE	0/434		NC				0.000002	0.0004		0.0001	0.0001	0.00001	NA[1]
GAMMA-BHC (LINDANE)	0/434		0.0078				0.000004	0.0007		0.0002	0.0002	0.00002	NA[1]
GAMMA-CHLORDANE	0/434		0.024				0.001	0.002		0.0008	0.0008	0.00005	NA[1]
HEPTACHLOR	0/434		0.0019				0.000005	0.0009		0.0003	0.0003	0.00003	NA[1]
HEPTACHLOR EPOXIDE	0/434		0.00094				0.000006	0.0009		0.0003	0.0004	0.00003	NA[1]
METHOXYCHLOR	0/434		NC				0.00002	0.003		0.001	0.001	0.00008	NA[1]
PENTACHLORONITROBENZENE	0/434		NC				0.0003	0.0009		0.0003	0.0003	0.00005	NA[1]
TOXAPHENE	0/434		0.0076				0.0009	0.147		0.051	0.056	0.014	NA[1]

Footnotes:
(1) The parameter was not detected in any of the samples. Therefore a 95th percentile was not appropriate.

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-2

RANKED FREQUENCIES OF RSL EXCEEDANCES FOR CHEMICALS SAMPLED IN AMBIENT AIR JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter [1]	Chemical Analytical Fraction [2]	Frequency of Detection [2] (# detected / total # samples)	Frequency Detected % [3]	Frequency NOT Detected %	Number of Detections Greater Than Ambient Air Regional Screening Level (RSL) [3]	Frequency Detected Above RSL % [3]	Ambient Air RSL [4]	Average of All Results [4]	Standard Deviation [4]
1,1,2,2-TETRACHLOROETHANE	VOC	84/438	19%	81%	84	100%	0.042	0.07	0.128
1,2-DIBROMO-3-CHLOROPROPANE	VOC	24/409	5.9%	94%	24	100%	0.00016	0.07	0.077
1,2-DIBROMOETHANE	VOC	10/438	2.3%	98%	10	100%	0.0041	0.07	0.055
1,3-BUTADIENE	VOC	28/438	6.4%	94%	28	100%	0.081	0.30	0.258
ACROLEIN	VOC	299/438	68%	32%	299	100%	0.021	1.8	1.94
ACRYLONITRILE	VOC	38/438	8.7%	91%	38	100%	0.036	0.14	0.134
BROMODICHLOROMETHANE	VOC	16/438	3.7%	96%	16	100%	0.066	0.09	0.098
CHLORODIBROMOMETHANE	VOC	6/438	1.4%	99%	6	100%	0.09	0.13	0.105
CHROMIUM	PM_{10} Metals	189/436	43%	57%	189	100%	0.0002	0.003	0.004
DIELDRIN	Pest/PCBs	6/434	1.4%	99%	6	100%	0.00053	0.0005	0.001
HEXACHLOROBUTADIENE	VOC	131/438	30%	70%	131	100%	0.11	0.38	0.497
TETRACHLOROETHENE	VOC	258/438	59%	41%	258	100%	0.41	2.6	4.44
CARBON TETRACHLORIDE	VOC	407/438	93%	7.1%	406	100%	0.16	0.61	0.157
FORMALDEHYDE	Aldehydes	405/440	92%	8.0%	404	100%	0.19	2.6	1.91
CHLOROFORM	VOC	171/438	39%	61%	169	99%	0.11	0.14	0.175
BENZENE	VOC	433/438	99%	1.1%	427	99%	0.31	2.8	21.6
1,2-DICHLOROETHANE	VOC	70/438	16%	84%	69	99%	0.094	0.08	0.112
1,2-DICHLOROPROPANE	VOC	310/438	71%	29%	300	97%	0.24	2.6	5.51
ARSENIC	PM_{10} Metals	298/436	68%	32%	259	87%	0.00057	0.002	0.005
1,1,2-TRICHLOROETHANE	VOC	8/438	1.8%	98%	6	75%	0.15	0.05	0.043
1,4-DICHLOROBENZENE	VOC	122/429	28%	72%	80	66%	0.22	0.18	0.298
VINYL CHLORIDE	VOC	8/438	1.8%	98%	5	63%	0.16	0.04	0.050
ACETALDEHYDE	Aldehydes	418/440	95%	5.0%	244	58%	1.1	1.4	1.21
BENZO(A)PYRENE	SVOC	113/438	26%	74%	62	55%	0.00087	0.0004	0.001
COBALT	PM_{10} Metals	263/436	60%	40%	137	52%	0.00027	0.0002	0.0002
TEQ	Dioxins/Furans	404/437	92%	7.6%	195	48%	0.000064	0.0003	0.002
TRANS-1,3-DICHLOROPROPENE	VOC	41/438	9.4%	91%	16	39%	0.61	0.10	0.290
ETHYLBENZENE	VOC	412/438	94%	5.9%	154	37%	0.97	1.0	1.48
1,2,3,7,8-PECDD	Dioxins/Furans	233/425	55%	45%	79	34%	0.000064	0.0001	0.0002
CIS-1,3-DICHLOROPROPENE	VOC	49/438	11%	89%	16	33%	0.61	0.09	0.296
2,3,4,7,8-PECDF	Dioxins/Furans	300/436	69%	31%	87	29%	0.00021	0.0002	0.001
1,2,4-TRICHLOROBENZENE	VOC	116/420	28%	72%	27	23%	2.1	0.66	1.50
1,2,3,4,7,8-HXCDF	Dioxins/Furans	338/434	78%	22%	69	20%	0.00064	0.0005	0.002
DIBENZO(A,H)ANTHRACENE	SVOC	5/437	1.1%	99%	1	20%	0.0008	0.0001	0.0001
2,3,7,8-TCDD	Dioxins/Furans	172/433	40%	60%	27	16%	0.000064	0.00002	0.0001
2,3,4,6,7,8-HXCDF	Dioxins/Furans	342/434	79%	21%	49	14%	0.00064	0.0003	0.002
1,2,3,6,7,8-HXCDF	Dioxins/Furans	329/434	76%	24%	39	12%	0.00064	0.0003	0.001
1,1,1,2-TETRACHLOROETHANE	VOC	21/438	4.8%	95%	2	9.5%	0.33	0.12	0.273
CADMIUM	PM_{10} Metals	239/436	55%	45%	16	6.7%	0.0014	0.0004	0.001
1,2,3,6,7,8-HXCDD	Dioxins/Furans	265/433	61%	39%	17	6.4%	0.00064	0.0001	0.001
1,2,3,4,6,7,8-HPCDF	Dioxins/Furans	303/434	70%	30%	18	5.9%	0.0064	0.002	0.008
BERYLLIUM	PM_{10} Metals	23/436	5.3%	95%	1	4.3%	0.001	0.0001	0.0001
METHYLENE CHLORIDE	VOC	408/438	93%	6.8%	17	4.2%	5.2	1.3	2.66
1,2,3,7,8,9-HXCDD	Dioxins/Furans	247/430	57%	43%	10	4.0%	0.00064	0.0001	0.0005
1,2,3,4,6,7,8-HPCDD	Dioxins/Furans	280/436	64%	36%	9	3.2%	0.0064	0.001	0.003
PM10µ 24-HOUR CONCENTRATIONS	PM_{10}	431/436	99%	1.1%	13	3.0%	150	54.9	35.7
2,3,7,8-TCDF	Dioxins/Furans	239/436	55%	45%	6	2.5%	0.00064	0.0001	0.0003

(1) Color codes defined on Page 5 of 5
(2) Criteria Pollutant statistics described in Section 2.4
(3) Blank cells = 0
(4) All concentrations reported in ug/M^3, except dioxins/furans, reported ng/M^3.
NC = No Criteria

TABLE 2-2

RANKED FREQUENCIES OF RSL EXCEEDANCES FOR CHEMICALS SAMPLED IN AMBIENT AIR JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter [1]	Chemical Analytical Fraction [2]	Frequency of Detection [2] (# detected / total # samples)	Frequency Detected % [3]	Frequency NOT Detected %	Number of Detections Greater Than Ambient Air Regional Screening Level (RSL) [3]	Frequency Detected Above RSL % [3]	Ambient Air RSL [4]	Average of All Results [4]	Standard Deviation [4]
1,2,3,4,7,8-HXCDD	Dioxins/Furans	238/427	56%	44%	4	**1.7 %**	0.00064	0.00005	0.0002
BIS(2-ETHYLHEXYL)PHTHALATE	SVOC	220/441	50%	50%	3	**1.4 %**	1	0.05	0.341
MANGANESE	PM_{10} Metals	312/436	72%	28%	4	**1.3 %**	0.052	0.01	0.014
BENZO(A)ANTHRACENE	SVOC	94/438	21%	79%	1	**1.1 %**	0.0087	0.0005	0.001
METHYL TERT-BUTYL ETHER	VOC	207/438	47%	53%	2	**1.0 %**	9.4	0.76	1.34
1,2,3,7,8-PECDF	Dioxins/Furans	311/436	71%	29%	2	**0.6 %**	0.0021	0.0002	0.001
1,2,4-TRIMETHYLBENZENE	VOC	404/438	92%	7.8%	2	**0.5 %**	7.3	1.2	1.26
HEXANE	VOC	409/438	93%	6.6%	2	**0.5 %**	730	24.6	287
1,2,3,7,8,9-HXCDF	Dioxins/Furans	206/417	49%	51%	1	**0.5 %**	0.00064	0.0001	0.001
ACETONITRILE	VOC	209/438	48%	52%	1	**0.5 %**	63	0.92	5.12
1,2,3,4,7,8,9-HPCDF	Dioxins/Furans	307/432	71%	29%	1	**0.3 %**	0.0064	0.0002	0.001
CHLOROMETHANE	VOC	411/438	94%	6.2%	1	**0.2 %**	94	1.9	5.05
ACETONE	VOC	425/438	97%	3.0%	1	**0.2 %**	32000	212	4070
TOLUENE	VOC	435/438	99%	0.7%			5200	6.6	29.7
M+P-XYLENES	VOC	433/438	99%	1.1%			730	3.6	4.48
TRICHLOROFLUOROMETHANE	VOC	429/438	98%	2.1%			730	1.6	0.374
DICHLORODIFLUOROMETHANE	VOC	425/438	97%	3.0%			210	2.4	2.07
O-XYLENE	VOC	414/438	95%	5.5%			730	1.2	1.68
2-BUTANONE	VOC	386/438	88%	12%			5200	2.1	1.99
1,1,2-TRICHLOROTRIFLUOROETHANE	VOC	382/438	87%	13%			31000	0.63	0.288
PROPIONALDEHYDE	Aldehydes	379/439	86%	14%			8.3	0.25	0.281
ALUMINUM	PM_{10} Metals	356/436	82%	18%			5.2	0.44	0.495
BARIUM	PM_{10} Metals	346/436	79%	21%			0.52	0.01	0.018
MERCURY	Mercury Vapor	343/438	78%	22%			0.31	0.003	0.002
CARBON DISULFIDE	VOC	336/438	77%	23%			730	1.8	4.29
CYCLOHEXANE	VOC	310/438	71%	29%			6300	2.8	38.1
STYRENE	VOC	276/438	63%	37%			1000	0.59	1.31
1,2,3,4,6,7,8,9-OCDF	Dioxins/Furans	226/436	52%	48%			0.21	0.001	0.006
1,2,3,4,6,7,8,9-OCDD	Dioxins/Furans	208/436	48%	52%			0.21	0.001	0.004
CHRYSENE	SVOC	209/439	48%	52%			0.087	0.001	0.001
2-METHYLPHENOL	SVOC	179/435	41%	59%			626	0.004	0.010
PHENOL	SVOC	170/436	39%	61%			210	0.004	0.012
NAPHTHALENE	SVOC	168/440	38%	62%			0.072	0.001	0.001
TRICHLOROETHENE	VOC	120/438	27%	73%			1.2	0.11	0.139
1,2-DICHLOROBENZENE	VOC	102/438	23%	77%			210	0.17	0.436
1,1,1-TRICHLOROETHANE	VOC	100/438	23%	77%			5200	0.12	0.100
ISOPROPYLBENZENE	VOC	83/438	19%	81%			420	0.09	0.255
CHLOROBENZENE	VOC	69/438	16%	84%			52	0.06	0.103
BENZO(K)FLUORANTHENE	SVOC	58/438	13%	87%			0.0087	0.0005	0.001
VINYL ACETATE	VOC	57/438	13%	87%			210	0.43	1.21
BROMOMETHANE	VOC	46/438	11%	89%			5.2	0.06	0.089
BENZO(B)FLUORANTHENE	SVOC	41/437	9.4%	91%			0.0087	0.0004	0.001
INDENO(1,2,3-CD)PYRENE	SVOC	32/438	7.3%	93%			0.0087	0.001	0.001
1,1-DICHLOROETHENE	VOC	23/438	5.3%	95%			210	0.06	0.050
1,1-DICHLOROETHANE	VOC	15/438	3.4%	97%			1.5	0.03	0.030
2,4,6-TRICHLOROPHENOL	SVOC	12/433	2.8%	97%			0.78	0.0004	0.001
TRANS-1,2-DICHLOROETHENE	VOC	12/438	2.7%	97%			63	0.06	0.051

(1) Color codes defined on Page 5 of 5
(2) Criteria Pollutant statistics described in Section 2.4
(3) Blank cells = 0
(4) All concentrations reported in ug/M^3, except dioxins/furans, reported ng/M^3.
NC = No Criteria

TABLE 2-2

RANKED FREQUENCIES OF RSL EXCEEDANCES FOR CHEMICALS SAMPLED IN AMBIENT AIR JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter [1]	Chemical Analytical Fraction [2]	Frequency of Detection [2] (# detected / total # samples)	Frequency Detected % [3]	Frequency NOT Detected %	Number of Detections Greater Than Ambient Air Regional Screening Level (RSL) [3]	Frequency Detected Above RSL % [3]	Ambient Air RSL [4]	Average of All Results [4]	Standard Deviation [4]
BROMOFORM	VOC	9/438	2.1%	98%			2.2	0.06	0.055
CHLOROETHANE	VOC	9/438	2.1%	98%			10000	0.07	0.085
ANILINE	SVOC	5/437	1.1%	99%			1	0.0002	0.0003
MERCURY	PM_{10} Metals	3/436	0.7%	99%			0.31	0.001	0.001
NITROBENZENE	SVOC	3/437	0.7%	99%			0.061	0.0002	0.0001
ALPHA-CHLORDANE	Pest/PCBs	2/434	0.5%	99.5%			0.024	0.0003	0.0001
4,4'-DDD	Pest/PCBs	2/434	0.5%	99.5%			0.035	0.0002	0.0002
O-TOLUIDINE	SVOC	1/437	0.2%	99.8%			0.048	0.0002	0.0001
2,4-DINITROTOLUENE	SVOC	0/437		100%			0.027		
4,4'-DDE	Pest/PCBs	0/434		100%			0.025		
4,4'-DDT	Pest/PCBs	0/434		100%			0.025		
4-NITROANILINE	SVOC	0/437		100%			6.3		
ALDRIN	Pest/PCBs	0/434		100%			0.0005		
ALPHA-BHC	Pest/PCBs	0/434		100%			0.0014		
AROCLOR-1016	Pest/PCBs	0/434		100%			0.12		
AROCLOR-1221	Pest/PCBs	0/434		100%			0.0043		
AROCLOR-1232	Pest/PCBs	0/434		100%			0.0043		
AROCLOR-1242	Pest/PCBs	0/434		100%			0.0043		
AROCLOR-1248	Pest/PCBs	0/434		100%			0.0043		
AROCLOR-1254	Pest/PCBs	0/434		100%			0.0043		
AROCLOR-1260	Pest/PCBs	0/434		100%			0.0043		
BETA-BHC	Pest/PCBs	0/434		100%			0.0046		
BIS(2-CHLOROETHYL)ETHER	VOC	0/438		100%			0.0074		
DELTA-BHC	Pest/PCBs	0/434		100%			0.0014		
GAMMA-BHC (LINDANE)	Pest/PCBs	0/434		100%			0.0078		
GAMMA-CHLORDANE	Pest/PCBs	0/434		100%			0.024		
HEPTACHLOR	Pest/PCBs	0/434		100%			0.0019		
HEPTACHLOR EPOXIDE	Pest/PCBs	0/434		100%			0.00094		
HEXACHLOROBENZENE	SVOC	0/437		100%			0.0053		
HEXACHLOROCYCLOPENTADIENE	SVOC	0/437		100%			0.21		
HEXACHLOROETHANE	SVOC	0/437		100%			0.61		
NICKEL	PM_{10} Metals	0/436		100%			0.0094		
PENTACHLOROPHENOL	SVOC	0/433		100%			0.48		
SELENIUM	PM_{10} Metals	0/436		100%			21		
TOXAPHENE	Pest/PCBs	0/434		100%			0.0076		
TRANS-1,4-DICHLORO-2-BUTENE	VOC	0/423		100%			0.00058		
1,1-BIPHENYL	SVOC	229/441	52%	48%			NC	0.001	0.001
1,2,3-TRICHLOROBENZENE	VOC	48/407	12%	88%			NC	0.44	1.16
1,2,3-TRICHLOROPROPANE	VOC	5/438	1.1%	99%			NC	0.04	0.048
1,2,4,5-TETRACHLOROBENZENE	SVOC	0/437		100%			NC		
1,2-DICHLOROTETRAFLUOROETHANE	VOC	27/438	6.2%	94%			NC	0.16	0.172
1,3,5-TRIMETHYLBENZENE	VOC	342/438	78%	22%			NC	0.36	0.407
1,3-DICHLOROBENZENE	VOC	103/438	24%	76%			NC	0.14	0.224
2,3,4,6-TETRACHLOROPHENOL	SVOC	0/433		100%			NC		
2,4,5-TRICHLOROPHENOL	SVOC	14/433	3.2%	97%			NC	0.001	0.001
2,4-DICHLOROPHENOL	SVOC	36/434	8.3%	92%			NC	0.0005	0.001
2,4-DIMETHYLPHENOL	SVOC	218/439	50%	50%			NC	0.004	0.012

(1) Color codes defined on Page 5 of 5
(2) Criteria Pollutant statistics described in Section 2.4
(3) Blank cells = 0
(4) All concentrations reported in ug/M^3, except dioxins/furans, reported ng/M^3.
NC = No Criteria

TABLE 2-2

RANKED FREQUENCIES OF RSL EXCEEDANCES FOR CHEMICALS SAMPLED IN AMBIENT AIR JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter [1]	Chemical Analytical Fraction [2]	Frequency of Detection [2] (# detected / total # samples)	Frequency Detected % [3]	Frequency NOT Detected %	Number of Detections Greater Than Ambient Air Regional Screening Level (RSL) [3]	Frequency Detected Above RSL % [3]	Ambient Air RSL [4]	Average of All Results [4]	Standard Deviation [4]
2,4-DINITROPHENOL	SVOC	0/397		100%			NC		
2,6-DICHLOROPHENOL	SVOC	36/434	8.3%	92%			NC	0.0003	0.001
2,6-DINITROTOLUENE	SVOC	4/437	0.9%	99%			NC	0.0002	0.0002
2-CHLORONAPHTHALENE	SVOC	6/437	1.4%	99%			NC	0.0002	0.0001
2-CHLOROPHENOL	SVOC	0/433		100%			NC		
2-METHYLNAPHTHALENE	SVOC	127/439	29%	71%			NC	0.0005	0.001
2-NITROPHENOL	SVOC	35/434	8.1%	92%			NC	0.0004	0.0004
3&4-METHYLPHENOL	SVOC	229/434	53%	47%			NC	0.01	0.030
3-NITROANILINE	SVOC	1/437	0.2%	99.8%			NC	0.0002	0.0001
4,6-DINITRO-2-METHYLPHENOL	SVOC	0/433		100%			NC		
4-BROMOPHENYL PHENYL ETHER	SVOC	0/437		100%			NC		
4-CHLORO-3-METHYLPHENOL	SVOC	23/433	5.3%	95%			NC	0.001	0.001
4-CHLOROANILINE	SVOC	4/437	0.9%	99%			NC	0.0002	0.00003
4-NITROPHENOL	SVOC	24/415	5.8%	94%			NC	0.001	0.001
ACENAPHTHENE	SVOC	51/437	12%	88%			NC	0.0003	0.0003
ACENAPHTHYLENE	SVOC	194/439	44%	56%			NC	0.001	0.003
ACETOPHENONE	VOC	117/420	28%	72%			NC	4.7	14.1
ANTHRACENE	SVOC	208/439	47%	53%			NC	0.001	0.002
ANTIMONY	PM_{10} Metals	139/436	32%	68%			NC	0.006	0.007
ATRAZINE	SVOC	0/437		100%			NC		
BENZALDEHYDE	Aldehydes	401/439	91%	8.7%			NC	0.77	2.22
BENZO(G,H,I)PERYLENE	SVOC	111/438	25%	75%			NC	0.0005	0.001
BUTYL BENZYL PHTHALATE	SVOC	39/437	8.9%	91%			NC	0.002	0.020
BUTYRALDEHYDE	Aldehydes	336/439	77%	23%			NC	0.31	0.409
CARBAZOLE	SVOC	19/437	4.3%	96%			NC	0.0002	0.0001
CIS-1,2-DICHLOROETHENE	VOC	18/438	4.1%	96%			NC	0.06	0.087
COPPER	PM_{10} Metals	3/436	0.7%	99%			NC	0.33	0.434
CROTONALDEHYDE	Aldehydes	87/439	20%	80%			NC	0.03	0.060
DIBENZOFURAN	SVOC	274/440	62%	38%			NC	0.002	0.004
DIBROMOMETHANE	VOC	26/438	5.9%	94%			NC	0.09	0.074
DIETHYL PHTHALATE	SVOC	178/440	40%	60%			NC	0.005	0.007
DIMETHYL PHTHALATE	SVOC	136/438	31%	69%			NC	0.0003	0.0004
DI-N-BUTYL PHTHALATE	SVOC	194/441	44%	56%			NC	0.02	0.031
DI-N-OCTYL PHTHALATE	SVOC	6/437	1.4%	99%			NC	0.0003	0.0003
DIPHENYLAMINE	SVOC	43/437	9.8%	90%			NC	0.0003	0.0005
ENDOSULFAN I	Pest/PCBs	9/434	2.1%	98%			NC	0.001	0.0002
ENDOSULFAN II	Pest/PCBs	0/434		100%			NC		
ENDOSULFAN SULFATE	Pest/PCBs	3/434	0.7%	99%			NC	0.001	0.001
ENDRIN	Pest/PCBs	0/434		100%			NC		
ENDRIN ALDEHYDE	Pest/PCBs	0/434		100%			NC		
FLUORANTHENE	SVOC	421/441	95%	4.5%			NC	0.003	0.003
FLUORENE	SVOC	315/439	72%	28%			NC	0.002	0.003
HEXALDEHYDE	Aldehydes	308/439	70%	30%			NC	0.19	0.226
IRON	PM_{10} Metals	0/436		100%			NC		
ISOBUTANOL	VOC	82/438	19%	81%			NC	0.80	1.78
LEAD	PM_{10} Metals	379/436	87%	13%			NC	0.02	0.018
METHACRYLALDEHYDE	Aldehydes	296/440	67%	33%			NC	0.15	0.329

(1) Color codes defined on Page 5 of 5
(2) Criteria Pollutant statistics described in Section 2.4
(3) Blank cells = 0
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NC = No Criteria

TABLE 2-2

RANKED FREQUENCIES OF RSL EXCEEDANCES FOR CHEMICALS SAMPLED IN AMBIENT AIR JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter [1]	Chemical Analytical Fraction [2]	Frequency of Detection [2] (# detected / total # samples)	Frequency Detected % [3]	Frequency NOT Detected %	Number of Detections Greater Than Ambient Air Regional Screening Level (RSL) [3]	Frequency Detected Above RSL % [3]	Ambient Air RSL [4]	Average of All Results [4]	Standard Deviation [4]
METHOXYCHLOR	Pest/PCBs	0/434		100%			NC		
METHYL ACETATE	VOC	180/438	41%	59%			NC	0.36	0.440
METHYL CYCLOHEXANE	VOC	268/438	61%	39%			NC	2.2	30.7
M-TOLUALDEHYDE	Aldehydes	205/439	47%	53%			NC	0.17	0.289
N-VALERALDEHYDE	Aldehydes	333/439	76%	24%			NC	0.13	0.181
PENTACHLOROBENZENE	SVOC	1/437	0.2%	99.8%			NC	0.0002	0.00003
PENTACHLOROETHANE	VOC	2/438	0.5%	99.5%			NC	0.14	0.109
PENTACHLORONITROBENZENE	Pest/PCBs	0/434		100%			NC		
PHENANTHRENE	SVOC	421/441	95%	4.5%			NC	0.01	0.011
PYRENE	SVOC	423/441	96%	4.1%			NC	0.003	0.003
SILVER	PM_{10} Metals	0/436		100%			NC		
THALLIUM	PM_{10} Metals	42/436	9.6%	90%			NC	0.001	0.001
TIN	PM_{10} Metals	271/436	62%	38%			NC	0.004	0.004
TOTAL HPCDD	Dioxins/Furans	367/434	85%	15%			NC	0.002	0.007
TOTAL HPCDF	Dioxins/Furans	344/433	79%	21%			NC	0.003	0.013
TOTAL HXCDD	Dioxins/Furans	396/433	91%	8.5%			NC	0.003	0.011
TOTAL HXCDF	Dioxins/Furans	397/434	91%	8.5%			NC	0.003	0.018
TOTAL PECDD	Dioxins/Furans	400/433	92%	7.6%			NC	0.002	0.013
TOTAL PECDF	Dioxins/Furans	417/436	96%	4.4%			NC	0.003	0.021
TOTAL TCDD	Dioxins/Furans	390/436	89%	11%			NC	0.002	0.011
TOTAL TCDF	Dioxins/Furans	414/437	95%	5.3%			NC	0.003	0.016
VANADIUM	PM_{10} Metals	29/436	6.7%	93%			NC	0.007	0.004
ZINC	PM_{10} Metals	0/436		100%			NC		

Incremental Lifetime Cancer Risk (ILCR) greater than 1.0E-04
ILCR greater than 1.0E-05 but less than 1.0E-04
ILCR greater than 1.0E-06 but less than 1.0E-05
Hazard Index (HI) greater than 1.0
Black-shaded cells with white font (as shown in the example to the right) indicate the frequency % of AIR RSL Value exceedances >> **67%**

(1) Color codes defined on Page 5 of 5
(2) Criteria Pollutant statistics described in Section 2.4
(3) Blank cells = 0
(4) All concentrations reported in ug/M^3, except dioxins/furans, reported ng/M^3.
NC = No Criteria

TABLE 2-3

STUDY AREA 01 - NATO AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Volatile Organics (ug/m3)												
1,1,1,2-TETRACHLOROETHANE	1/49		0.33	0.229 J	0.229 J	0.180	0.180	0.229	0.093	0.090	0.020	0.09
1,1,1-TRICHLOROETHANE	12/49		5200	0.164 J	0.297 J	0.150	0.196	0.204	0.107	0.075	0.058	0.224
1,1,2,2-TETRACHLOROETHANE	7/49	7	0.042	0.155	0.408	0.040	0.040	0.240	0.051	0.020	0.086	0.210
1,1,2-TRICHLOROETHANE	0/49		0.15			0.080	0.080		0.040	0.040		NA[1]
1,1,2-TRICHLOROTRIFLUOROETHANE	46/49		31000	0.373	1.95	0.080	0.208	0.694	0.655	0.647	0.268	0.908
1,1-DICHLOROETHANE	1/49		1.5	0.123	0.220	0.050	0.050	0.123	0.027	0.025	0.014	0.025
1,1-DICHLOROETHENE	2/49		210	0.131 J	0.211 J	0.100	0.100	0.134	0.053	0.050	0.017	0.05
1,2,3-TRICHLOROBENZENE	6/46		NC	0.847	2.86 J	0.400	0.400	1.48	0.368	0.200	0.501	1.35
1,2,3-TRICHLOROPROPANE	1/49		NC	0.182 J	0.182 J	0.070	0.070	0.182	0.038	0.035	0.021	0.035
1,2,4-TRICHLOROBENZENE	16/47	2	2.1	0.518	3.74 J	0.190	1.65	1.34	0.579	0.201	0.755	1.69
1,2,4-TRIMETHYLBENZENE	45/49		7.3	0.207	4.34	0.050	0.426	0.944	0.873	0.696	0.705	1.78
1,2-DIBROMO-3-CHLOROPROPANE	1/46	1	0.00016	0.262	0.262	0.100	0.100	0.262	0.055	0.050	0.031	0.05
1,2-DIBROMOETHANE	1/49	1	0.0041	0.163 J	0.163 J	0.120	0.120	0.163	0.062	0.060	0.015	0.06
1,2-DICHLOROBENZENE	9/49		210	0.128 J	0.859	0.100	0.319	0.345	0.108	0.050	0.167	0.350
1,2-DICHLOROETHANE	5/49	5	0.094	0.122 J	0.270	0.100	0.100	0.180	0.063	0.050	0.042	0.161
1,2-DICHLOROPROPANE	33/49	29	0.24	0.156 J	26.4	0.090	0.387	3.71	2.519	0.454	5.040	11.2
1,2-DICHLOROTETRAFLUOROETHANE	4/49		NC	0.260 J	0.389 J	0.260	0.260	0.281	0.142	0.130	0.042	0.274
1,3,5-TRIMETHYLBENZENE	42/49		NC	0.077 J	1.42	0.050	0.375	0.322	0.283	0.204	0.254	0.644
1,3-BUTADIENE	0/49		0.081			0.490	0.490		0.245	0.245	0.000	NA[1]
1,3-DICHLOROBENZENE	10/49		NC	0.113 J	0.834	0.090	0.216	0.311	0.101	0.045	0.162	0.315
1,4-DICHLOROBENZENE	11/48	6	0.22	0.114 J	0.876	0.090	0.201	0.386	0.125	0.045	0.190	0.612
2-BUTANONE	42/49		5200	0.486 J	4.62	0.330	0.330	1.83	1.591	1.370	1.180	3.856
ACETONE	46/49		32000	4.34	68.4	1.06	1.06	14.5	13.638	11.700	10.230	27.5
ACETONITRILE	12/49		63	0.381 J	1.83	0.380	0.380	0.815	0.343	0.190	0.342	1.09
ACETOPHENONE	15/47		NC	1.04 J	61.4 J	1.02	1.02	12.7	4.400	0.510	10.701	18.25
ACROLEIN	34/49	34	0.021	0.612 J	18.4 J	0.410	0.410	2.20	1.592	1.360	1.731	3.648
ACRYLONITRILE	4/49	4	0.036	0.461	0.745	0.200	0.200	0.572	0.139	0.100	0.135	0.474
BENZENE	46/49	45	0.31	0.229	4.12	0.030	0.498	1.16	1.098	0.976	0.663	1.97
BIS(2-CHLOROETHYL)ETHER	0/49		0.0074			0.160	0.160		0.080	0.080		NA[1]
BROMODICHLOROMETHANE	1/49	1	0.066	0.702	0.702	0.150	0.150	0.702	0.088	0.075	0.090	0.075
BROMOFORM	1/49		2.2	0.248 J	0.248 J	0.110	0.110	0.248	0.059	0.055	0.028	0.055
BROMOMETHANE	7/49		5.2	0.123 J	0.349	0.070	0.070	0.218	0.061	0.035	0.069	0.238
CARBON DISULFIDE	38/49		730	0.137	25.1	0.100	1.62	2.11	1.665	0.424	3.797	5.504
CARBON TETRACHLORIDE	47/49	47	0.16	0.310	0.922	0.160	0.739	0.624	0.608	0.608	0.151	0.816
CHLOROBENZENE	6/49		52	0.112 J	0.282	0.040	0.365	0.175	0.045	0.020	0.062	0.181
CHLORODIBROMOMETHANE	0/49		0.09			0.240	0.240		0.120	0.120		NA[1]
CHLOROETHANE	2/49		10000	0.187 J	0.981	0.110	0.110	0.584	0.077	0.055	0.133	0.055
CHLOROFORM	20/49	20	0.11	0.120 J	0.475	0.110	0.226	0.231	0.128	0.055	0.104	0.333
CHLOROMETHANE	44/49		94	0.736	3.91	0.070	0.070	1.55	1.391	1.490	0.649	1.94
CIS-1,2-DICHLOROETHENE	1/49		NC	0.119 J	0.193 J	0.090	0.090	0.119	0.047	0.045	0.011	0.045
CIS-1,3-DICHLOROPROPENE	1/49		0.61	0.123	0.225	0.040	0.040	0.123	0.022	0.020	0.015	0.02
CYCLOHEXANE	31/49		6300	0.147 J	6.89	0.110	0.110	1.47	0.952	0.253	1.686	5.04
DIBROMOMETHANE	2/49		NC	0.202 J	0.220 J	0.150	0.150	0.211	0.081	0.075	0.027	0.075
DICHLORODIFLUOROMETHANE	47/49		210	1.21	3.38	0.180	0.180	2.20	2.113	2.160	0.678	3.24
ETHYLBENZENE	44/49	9	0.97	0.162 J	2.39	0.030	0.437	0.715	0.654	0.510	0.500	1.56
HEXACHLOROBUTADIENE	17/49	17	0.11	0.240	3.20	0.240	1.90	0.880	0.414	0.151	0.617	1.59
HEXANE	44/49		730	0.214 J	127	0.170	0.170	11.4	10.268	0.778	23.749	48.04
ISOBUTANOL	9/49		NC	1.20	3.67	0.460	0.460	2.43	0.633	0.230	0.931	3.056
ISOPROPYLBENZENE	6/49		420	0.110 J	0.390	0.070	0.070	0.193	0.054	0.035	0.063	0.119
M+P-XYLENES	48/49		730	0.173 J	8.69	1.30	1.30	2.26	2.226	1.670	1.628	5.1
METHYL ACETATE	17/49		NC	0.279 J	0.812	0.270	0.270	0.410	0.230	0.135	0.153	0.494
METHYL CYCLOHEXANE	29/49		NC	0.106 J	20.6	0.080	0.080	1.98	1.191	0.206	3.350	5.8
METHYL TERT-BUTYL ETHER	21/49		9.4	0.267 J	2.90	0.170	0.170	1.02	0.487	0.085	0.631	1.8
METHYLENE CHLORIDE	46/49	4	5.2	0.206	15.5	0.080	0.080	1.56	1.464	0.588	2.952	7.1
O-XYLENE	43/49		730	0.196 J	3.53	0.060	0.508	0.904	0.809	0.623	0.655	1.8
PENTACHLOROETHANE	0/49		NC			0.250	0.250		0.125	0.125		NA[1]
STYRENE	22/49		1000	0.134 J	14.5	0.070	0.228	1.05	0.494	0.035	2.060	0.9504
TETRACHLOROETHENE	25/49	25	0.41	1.10 J	5.67	1.45	1.45	2.45	1.604	1.098	1.102	3.3
TOLUENE	48/49		5200	0.415	25.3	0.261	0.261	3.82	3.743	3.010	3.765	8.96
TRANS-1,2-DICHLOROETHENE	1/49		63	0.112 J	0.169 J	0.110	0.110	0.112	0.056	0.055	0.008	0.055
TRANS-1,3-DICHLOROPROPENE	0/49		0.61			0.070	0.070		0.035	0.035		NA[1]
TRANS-1,4-DICHLORO-2-BUTENE	0/47		0.00058			0.170	0.170		0.085	0.085	0.000	NA[1]
TRICHLOROETHENE	9/49		1.2	0.093 J	0.489	0.080	0.325	0.203	0.073	0.040	0.085	0.240
TRICHLOROFLUOROMETHANE	48/49		730	0.894	2.53	0.310	0.310	1.62	1.593	1.630	0.375	2.02
VINYL ACETATE	6/49		210	1.16	11.4	0.110	0.110	4.03	0.542	0.055	1.783	3.198
VINYL CHLORIDE	1/49	1	0.16	0.234	0.234	0.070	0.070	0.234	0.039	0.035	0.028	0.035

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-3

STUDY AREA 01 - NATO AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Semivolatile Organics (ug/m3)												
1,1-BIPHENYL	18/49		NC	0.0004 J	0.0010 J	0.0003	0.0004	0.0006	0.000	0.000	0.000	0.001
1,2,4,5-TETRACHLOROBENZENE	0/49		NC			0.0003	0.0003		0.000	0.000	0.000	NA[1]
2,3,4,6-TETRACHLOROPHENOL	0/49		NC			0.003	0.004		0.002	0.002	0.000	NA[1]
2,4,5-TRICHLOROPHENOL	2/49		NC	0.003 J	0.006 J	0.0008	0.0010	0.005	0.001	0.000	0.001	0.000
2,4,6-TRICHLOROPHENOL	2/49		0.78	0.004 J	0.006 J	0.0005	0.0007	0.005	0.000	0.000	0.001	0.000
2,4-DICHLOROPHENOL	7/49		NC	0.0007 J	0.004 J	0.0005	0.0007	0.003	0.001	0.000	0.001	0.003
2,4-DIMETHYLPHENOL	21/49		NC	0.0007 J	0.004 J	0.0005	0.0007	0.002	0.001	0.000	0.001	0.003
2,4-DINITROPHENOL	0/45		NC			0.003	0.003		0.001	0.002	0.000	NA[1]
2,4-DINITROTOLUENE	0/49		0.027			0.0003	0.0003		0.000	0.000	0.000	NA[1]
2,6-DICHLOROPHENOL	5/49		NC	0.0005 J	0.003 J	0.0003	0.0003	0.001	0.000	0.000	0.000	0.001
2,6-DINITROTOLUENE	1/49		NC	0.001 J	0.001 J	0.0003	0.0003	0.001	0.000	0.000	0.000	0.000
2-CHLORONAPHTHALENE	2/49		NC	0.0005 J	0.0007 J	0.0003	0.0003	0.0006	0.000	0.000	0.000	0.000
2-CHLOROPHENOL	0/49		NC			0.0003	0.0003		0.000	0.000	0.000	NA[1]
2-METHYLNAPHTHALENE	6/49		NC	0.0004 J	0.001 J	0.0003	0.001	0.0007	0.000	0.000	0.000	0.001
2-METHYLPHENOL	16/49		626	0.0005 J	0.005 J	0.0003	0.0006	0.002	0.001	0.000	0.001	0.002
2-NITROPHENOL	1/49		NC	0.001 J	0.001 J	0.0005	0.0007	0.001	0.000	0.000	0.000	0.000
3&4-METHYLPHENOL	20/49		NC	0.002 J	0.010 J	0.002	0.002	0.005	0.003	0.001	0.003	0.009
3-NITROANILINE	0/49		NC			0.0003	0.0003		0.000	0.000	0.000	NA[1]
4,6-DINITRO-2-METHYLPHENOL	0/49		NC			0.001	0.002		0.001	0.001	0.000	NA[1]
4-BROMOPHENYL PHENYL ETHER	0/49		NC			0.0003	0.0003		0.000	0.000	0.000	NA[1]
4-CHLORO-3-METHYLPHENOL	4/49		NC	0.001 J	0.005 J	0.0005	0.0007	0.003	0.001	0.000	0.001	0.001
4-CHLOROANILINE	0/49		NC			0.0003	0.0003		0.000	0.000	0.000	NA[1]
4-NITROANILINE	0/49		6.3			0.0003	0.0003		0.000	0.000	0.000	NA[1]
4-NITROPHENOL	0/47		NC			0.0008	0.0010		0.000	0.000	0.000	NA[1]
ACENAPHTHENE	4/49		NC	0.0007 J	0.0010 J	0.0003	0.0003	0.0009	0.000	0.000	0.000	0.001
ACENAPHTHYLENE	11/49		NC	0.0004 J	0.001	0.0003	0.0003	0.0006	0.000	0.000	0.000	0.001
ANILINE	1/49		1	0.002 J	0.002 J	0.0003	0.0007	0.002	0.000	0.000	0.000	0.000
ANTHRACENE	8/49		NC	0.0003 J	0.0009 J	0.0003	0.0003	0.0005	0.000	0.000	0.000	0.001
ATRAZINE	0/49		NC			0.0003	0.0003		0.000	0.000	0.000	NA[1]
BENZO(A)ANTHRACENE	2/49		0.0087	0.0004 J	0.0006 J	0.0003	0.0003	0.0005	0.000	0.000	0.000	0.000
BENZO(A)PYRENE	3/49		0.00087	0.0003 J	0.0006	0.0002	0.0003	0.0004	0.000	0.000	0.000	0.000
BENZO(B)FLUORANTHENE	2/49		0.0087	0.0007 J	0.0007 J	0.0005	0.0007	0.0007	0.000	0.000	0.000	0.000
BENZO(G,H,I)PERYLENE	2/49		NC	0.0005 J	0.003	0.0003	0.0003	0.002	0.000	0.000	0.000	0.000
BENZO(K)FLUORANTHENE	2/49		0.0087	0.0007 J	0.0008 J	0.0005	0.0007	0.0007	0.000	0.000	0.000	0.000
BIS(2-ETHYLHEXYL)PHTHALATE	20/49		1	0.005 J	0.082	0.0003	0.094	0.016	0.012	0.009	0.014	0.036
BUTYL BENZYL PHTHALATE	4/49		NC	0.0007 J	0.032	0.0003	0.026	0.012	0.002	0.000	0.005	0.010
CARBAZOLE	0/49		NC			0.0003	0.0003		0.000	0.000	0.000	NA[1]
CHRYSENE	10/49		0.087	0.0004 J	0.0009 J	0.0003	0.0003	0.0005	0.000	0.000	0.000	0.001
DI-N-BUTYL PHTHALATE	25/49		NC	0.003 J	0.146	0.0003	0.069	0.040	0.026	0.016	0.032	0.106
DI-N-OCTYL PHTHALATE	0/49		NC			0.0005	0.0007		0.000	0.000	0.000	NA[1]
DIBENZO(A,H)ANTHRACENE	1/49		0.0008	0.0003 J	0.0003 J	0.0002	0.0002	0.0003	0.000	0.000	0.000	0.000
DIBENZOFURAN	29/49		NC	0.0004 J	0.003 J	0.0003	0.0003	0.001	0.001	0.000	0.001	0.003
DIETHYL PHTHALATE	21/49		NC	0.003 J	0.041	0.001	0.013	0.008	0.005	0.004	0.006	0.012
DIMETHYL PHTHALATE	13/49		NC	0.0003 J	0.002 J	0.0003	0.0005	0.0006	0.000	0.000	0.000	0.001
DIPHENYLAMINE	7/49		NC	0.0003 J	0.003 J	0.0003	0.003	0.0007	0.000	0.000	0.000	0.001
FLUORANTHENE	48/49		NC	0.0006 J	0.003 J	0.0003	0.0003	0.001	0.001	0.001	0.001	0.002
FLUORENE	37/49		NC	0.0003 J	0.002 J	0.0003	0.0005	0.001	0.001	0.001	0.001	0.002
HEXACHLOROBENZENE	0/49		0.0053			0.0003	0.0003		0.000	0.000	0.000	NA[1]
HEXACHLOROCYCLOPENTADIENE	0/49		0.21			0.0003	0.0003		0.000	0.000	0.000	NA[1]
HEXACHLOROETHANE	0/49		0.61			0.0003	0.0003		0.000	0.000	0.000	NA[1]
INDENO(1,2,3-CD)PYRENE	0/49		0.0087			0.001	0.002		0.001	0.001	0.000	NA[1]
NAPHTHALENE	15/49		0.072	0.0004 J	0.006 J	0.0003	0.002	0.0010	0.001	0.000	0.001	0.001
NITROBENZENE	0/49		0.061			0.0003	0.0003		0.000	0.000	0.000	NA[1]
O-TOLUIDINE	0/49		0.048			0.0003	0.0003		0.000	0.000	0.000	NA[1]
PENTACHLOROBENZENE	0/49		NC			0.0003	0.0003		0.000	0.000	0.000	NA[1]
PENTACHLOROPHENOL	0/49		0.48			0.0008	0.0010		0.000	0.000	0.000	NA[1]
PHENANTHRENE	46/49		NC	0.002	0.014 J	0.002	0.005	0.005	0.005	0.004	0.002	0.008
PHENOL	10/49		210	0.0008 J	0.004 J	0.0003	0.008	0.002	0.001	0.000	0.001	0.003
PYRENE	48/49		NC	0.0005 J	0.003 J	0.0003	0.0003	0.001	0.001	0.001	0.000	0.002

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J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-3

STUDY AREA 01 - NATO AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Dioxins/Furans (ng/m3)												
1,2,3,4,6,7,8,9-OCDD	7/49		0.21	0.00005 J	0.005	0.00002	0.0002	0.001	0.000	0.000	0.001	0.00027
1,2,3,4,6,7,8,9-OCDF	12/49		0.21	0.00002 J	0.002	0.000005	0.0002	0.0003	0.000	0.000	0.000	0.00013
1,2,3,4,6,7,8-HPCDD	17/49		0.0064	0.00002 J	0.002	0.000009	0.00007	0.0002	0.000	0.000	0.000	0.00011
1,2,3,4,6,7,8-HPCDF	22/49		0.0064	0.00003 J	0.003	0.000007	0.0001	0.0003	0.000	0.000	0.000	0.00019
1,2,3,4,7,8,9-HPCDF	25/48		0.0064	0.000002 J	0.0003	0.000001	0.00002	0.00003	0.000	0.000	0.000	0.00003
1,2,3,4,7,8-HXCDD	13/49		0.00064	0.000002 J	0.00009	0.000001	0.000007	0.00001	0.000	0.000	0.000	0.00001
1,2,3,4,7,8-HXCDF	25/49	1	0.00064	0.000007 J	0.0008	0.000003	0.00003	0.00006	0.000	0.000	0.000	0.00007
1,2,3,6,7,8-HXCDD	14/49		0.00064	0.000003 J	0.0003	0.000001	0.00001	0.00003	0.000	0.000	0.000	0.00002
1,2,3,6,7,8-HXCDF	27/49		0.00064	0.000005 J	0.0005	0.000002	0.00003	0.00004	0.000	0.000	0.000	0.00004
1,2,3,7,8,9-HXCDD	13/49		0.00064	0.000005 J	0.0002	0.0000009	0.000009	0.00003	0.000	0.000	0.000	0.00001
1,2,3,7,8,9-HXCDF	13/45		0.00064	0.0000007 J	0.00003	0.0000008	0.000006	0.000007	0.000	0.000	0.000	0.00001
1,2,3,7,8-PECDD	10/46	1	0.000064	0.000002 J	0.00007	0.000002	0.00002	0.00001	0.000	0.000	0.000	0.00001
1,2,3,7,8-PECDF	20/49		0.0021	0.000007 J	0.0002	0.000004	0.00002	0.00002	0.000	0.000	0.000	0.00002
2,3,4,6,7,8-HXCDF	28/49		0.00064	0.000007 J	0.0006	0.000002	0.00004	0.00005	0.000	0.000	0.000	0.00008
2,3,4,7,8-PECDF	23/49	1	0.00021	0.00001 J	0.0003	0.000005	0.00003	0.00004	0.000	0.000	0.000	0.00004
2,3,7,8-TCDD	7/49		0.000064	0.000002 J	0.000006 J	0.000001	0.00002	0.000004	0.000	0.000	0.000	0.00001
2,3,7,8-TCDF	8/49		0.00064	0.000007 J	0.00010	0.000005	0.00003	0.00003	0.000	0.000	0.000	0.00002
TEQ	40/49	2	0.000064	0.0000002	0.0005	0.000002	0.000009	0.00003	0.000	0.000	0.000	0.00004
TOTAL HPCDD	34/49		NC	0.00002 J	0.004	0.00002	0.0001	0.0002	0.000	0.000	0.001	0.00023
TOTAL HPCDF	31/49		NC	0.00004 J	0.005	0.000010	0.0002	0.0003	0.000	0.000	0.001	0.00034
TOTAL HXCDD	39/49		NC	0.000006 J	0.005	0.000004	0.00009	0.0003	0.000	0.000	0.001	0.00033
TOTAL HXCDF	40/49		NC	0.00002 J	0.006	0.00003	0.0002	0.0003	0.000	0.000	0.001	0.00047
TOTAL PECDD	41/48		NC	0.000003 J	0.003	0.000002	0.00009	0.0002	0.000	0.000	0.000	0.00023
TOTAL PECDF	43/49		NC	0.00003 J	0.003	0.00004	0.0001	0.0003	0.000	0.000	0.000	0.00045
TOTAL TCDD	35/49		NC	0.00003 J	0.002	0.00002	0.0002	0.0002	0.000	0.000	0.000	0.00024
TOTAL TCDF	44/49		NC	0.00008 J	0.003	0.0001	0.0002	0.0003	0.000	0.000	0.000	0.00048
Inorganics (ug/m3)												
ALUMINUM	39/49		5.2	0.017	1.11 J	0.038	1.36	0.242	0.219	0.129	0.243	0.748
ANTIMONY	0/49		NC			0.003	0.007		0.003	0.003	0.000	NA[1]
ARSENIC	38/49	37	0.00057	0.0003	0.008	0.0002	0.002	0.003	0.002	0.001	0.002	0.007
BARIUM	38/49		0.52	0.003	0.021	0.003	0.220	0.008	0.009	0.006	0.015	0.018
BERYLLIUM	0/49		0.001			0.0001	0.0002		0.000	0.000	0.000	NA[1]
CADMIUM	17/49	1	0.0014	0.0002	0.002	0.0001	0.0005	0.0004	0.000	0.000	0.000	0.001
CHROMIUM	18/49	18	0.0002	0.0006	0.007 J	0.0004	0.006	0.002	0.002	0.001	0.001	0.003
COBALT	21/49	6	0.00027	0.0001	0.0007	0.00008	0.0003	0.0003	0.000	0.000	0.000	0.000
COPPER	0/49		NC			0.337	0.663		0.274	0.282	0.032	NA[1]
IRON	0/49		NC			6.74	13.3		5.486	5.632	0.644	NA[1]
LEAD	42/49		NC	0.002	0.022	0.001	0.006	0.007	0.006	0.005	0.005	0.015
MANGANESE	30/49		0.052	0.0008	0.026	0.0002	0.021	0.008	0.006	0.005	0.006	0.018
MERCURY	0/49		0.31			0.0006	0.010		0.001	0.002	0.001	NA[1]
NICKEL	0/49		0.0094			0.168	0.331		0.137	0.141	0.016	NA[1]
SELENIUM	0/49		21			0.034	0.066		0.027	0.028	0.003	0.032
SILVER	0/49		NC			0.034	0.066		0.027	0.028	0.003	NA[1]
THALLIUM	8/49		NC	0.001	0.007	0.0007	0.002	0.003	0.001	0.001	0.001	0.005
TIN	22/49		NC	0.0003	0.007	0.0002	0.010	0.002	0.002	0.001	0.001	0.004
VANADIUM	2/49		NC	0.013	0.015	0.007	0.013	0.014	0.006	0.006	0.002	0.007
ZINC	0/49		NC			1.68	3.31		1.371	1.408	0.161	NA[1]
Miscellaneous Parameters (ug/m3)												
PM10µ 24-HOUR CONCENTRATIONS	47/49	1	150	13.1	160	4.16	6.00	41.4	39.781	33.153	24.624	72.0
Vapor Phase Mercury (ug/m3)												
MERCURY	40/49		0.31	0.000002 J	0.008 J	0.00006	0.008	0.003	0.003	0.002	0.002	0.007

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PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

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Aldehydes (ug/m3)												
ACETALDEHYDE	46/49	23	1.1	0.301	2.85	0.402	0.887	1.07	1.018	0.993	0.610	2.06
BENZALDEHYDE	43/49		NC	0.086 J	14.5	0.014	0.303	1.15	1.015	0.372	2.519	2.67
BUTYRALDEHYDE	36/49		NC	0.053 J	0.939	0.026	0.028	0.257	0.193	0.146	0.201	0.545
CROTONALDEHYDE	7/49		NC	0.017 J	0.239	0.011	0.016	0.105	0.021	0.007	0.044	0.114
FORMALDEHYDE	45/49	45	0.19	0.607	5.97	1.51	4.16	2.41	2.330	2.082	1.310	4.96
HEXALDEHYDE	35/49		NC	0.063 J	0.531	0.020	0.171	0.254	0.189	0.140	0.150	0.446
M-TOLUALDEHYDE	26/49		NC	0.043 J	3.34	0.013	0.126	0.352	0.195	0.058	0.485	0.450
METHACRYLALDEHYDE	29/49		NC	0.011 J	0.382	0.011	0.016	0.162	0.099	0.072	0.111	0.303
N-VALERALDEHYDE	35/49		NC	0.032 J	0.992	0.011	0.014	0.137	0.100	0.063	0.150	0.237
PROPIONALDEHYDE	42/49		8.3	0.044 J	0.880	0.007	0.482	0.204	0.186	0.144	0.155	0.377
Pesticides/PCBs (ug/m3)												
4,4'-DDD	0/49		0.035			0.0004	0.0005		0.000	0.000	0.000	NA[1]
4,4'-DDE	0/49		0.025			0.0004	0.0005		0.000	0.000	0.000	NA[1]
4,4'-DDT	0/49		0.025			0.0008	0.001		0.000	0.001	0.000	NA[1]
ALDRIN	0/49		0.0005			0.0010	0.001		0.001	0.001	0.000	NA[1]
ALPHA-BHC	0/49		0.0014			0.0003	0.0004		0.000	0.000	0.000	NA[1]
ALPHA-CHLORDANE	0/49		0.024			0.0005	0.0006		0.000	0.000	0.000	NA[1]
AROCLOR-1016	0/49		0.12			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1221	0/49		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1232	0/49		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1242	0/49		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1248	0/49		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1254	0/49		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1260	0/49		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
BETA-BHC	0/49		0.0046			0.0002	0.0002		0.000	0.000	0.000	NA[1]
DELTA-BHC	0/49		0.0014			0.0006	0.0007		0.000	0.000	0.000	NA[1]
DIELDRIN	0/49		0.00053			0.0007	0.0009		0.000	0.000	0.000	NA[1]
ENDOSULFAN I	0/49		NC			0.001	0.001		0.001	0.001	0.000	NA[1]
ENDOSULFAN II	0/49		NC			0.0005	0.0006		0.000	0.000	0.000	NA[1]
ENDOSULFAN SULFATE	0/49		NC			0.001	0.001		0.001	0.001	0.000	NA[1]
ENDRIN	0/49		NC			0.0004	0.0005		0.000	0.000	0.000	NA[1]
ENDRIN ALDEHYDE	0/49		NC			0.0002	0.0003		0.000	0.000	0.000	NA[1]
GAMMA-BHC (LINDANE)	0/49		0.0078			0.0004	0.0005		0.000	0.000	0.000	NA[1]
GAMMA-CHLORDANE	0/49		0.024			0.001	0.002		0.001	0.001	0.000	NA[1]
HEPTACHLOR	0/49		0.0019			0.0005	0.0007		0.000	0.000	0.000	NA[1]
HEPTACHLOR EPOXIDE	0/49		0.00094			0.0006	0.0007		0.000	0.000	0.000	NA[1]
METHOXYCHLOR	0/49		NC			0.002	0.002		0.001	0.001	0.000	NA[1]
PENTACHLORONITROBENZENE	0/49		NC			0.0003	0.0007		0.000	0.000	0.000	NA[1]
TOXAPHENE	0/49		0.0076			0.0010	0.116		0.050	0.055	0.013	NA[1]

Footnotes:
(1) The parameter was not detected in any of the samples. Therefore a 95th percentile was not appropriate.

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-4

STUDY AREA 02 - CONSULATE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Volatile Organics (ug/m3)												
1,1,1,2-TETRACHLOROETHANE	1/49		0.33	0.206 J	0.212 J	0.180	1.80	0.209	0.125	0.090	0.162	0.1632
1,1,1-TRICHLOROETHANE	10/49		5200	0.157 J	0.324	0.150	1.50	0.221	0.132	0.075	0.143	0.3056
1,1,2,2-TETRACHLOROETHANE	9/49	9	0.042	0.126 J	1.10	0.040	0.400	0.348	0.084	0.020	0.178	0.37
1,1,2-TRICHLOROETHANE	1/49	1	0.15	0.190 J	0.190 J	0.080	0.800	0.190	0.058	0.040	0.074	0.13
1,1,2-TRICHLOROTRIFLUOROETHANE	34/49		31000	0.374	0.985	0.080	0.800	0.688	0.497	0.605	0.317	0.906
1,1-DICHLOROETHANE	0/49		1.5			0.050	0.500		0.034	0.025	0.045	NA[1]
1,1-DICHLOROETHENE	3/49		210	0.130 J	0.217 J	0.100	1.00	0.173	0.076	0.050	0.094	0.20
1,2,3-TRICHLOROBENZENE	4/46		NC	1.08	19.8 J	0.400	4.00	6.22	0.763	0.200	2.91	1.93
1,2,3-TRICHLOROPROPANE	0/49		NC			0.070	0.700		0.048	0.035	0.063	NA[1]
1,2,4-TRICHLOROBENZENE	15/47	4	2.1	0.595	19.2 J	0.190	1.90	2.82	1.01	0.095	2.87	3.26
1,2,4-TRIMETHYLBENZENE	49/49	1	7.3	0.114 J	7.78			2.76	2.76	2.69	1.71	5.77
1,2-DIBROMO-3-CHLOROPROPANE	2/47	2	0.00016	0.268	0.296	0.100	1.00	0.283	0.079	0.050	0.101	0.29
1,2-DIBROMOETHANE	1/49	1	0.0041	0.190 J	0.190 J	0.120	1.20	0.190	0.085	0.060	0.109	0.14
1,2-DICHLOROBENZENE	10/49		210	0.130 J	1.01	0.100	1.00	0.407	0.143	0.050	0.216	0.57
1,2-DICHLOROETHANE	8/49	8	0.094	0.106 J	0.304	0.100	1.00	0.174	0.089	0.050	0.101	0.29
1,2-DICHLOROPROPANE	41/49	40	0.24	0.165 J	26.8	0.090	0.543	3.83	3.22	0.925	5.03	11.87
1,2-DICHLOROTETRAFLUOROETHANE	1/49		NC	0.392 J	0.392 J	0.260	2.60	0.392	0.183	0.130	0.236	0.29
1,3,5-TRIMETHYLBENZENE	49/49		NC	0.113 J	2.07			0.833	0.833	0.816	0.499	1.72
1,3-BUTADIENE	2/49	2	0.081	0.467 J	0.689 J	0.490	4.90	0.487	0.345	0.245	0.441	0.62
1,3-DICHLOROBENZENE	11/49		NC	0.090	0.921	0.090	0.900	0.361	0.135	0.045	0.198	0.45
1,4-DICHLOROBENZENE	13/48	9	0.22	0.167 J	0.873	0.090	0.900	0.463	0.178	0.045	0.233	0.74
2-BUTANONE	40/49		5200	0.519 J	13.9 J	0.330	3.30	2.57	2.19	1.99	1.88	4.85
ACETONE	46/49		32000	3.78	1060 J	1.06	1.06	30.1	28.3	14.6	76.3	35.56
ACETONITRILE	23/49	1	63	0.384 J	105	0.380	3.80	6.26	3.11	0.384	15.0	6.51
ACETOPHENONE	9/47		NC	2.46	165 J	1.02	10.2	35.1	7.33	0.510	23.7	57.85
ACROLEIN	32/49	32	0.021	0.495 J	6.92 J	0.410	4.10	2.22	1.60	1.69	1.24	3.77
ACRYLONITRILE	4/49	4	0.036	0.350 J	0.738	0.200	2.00	0.509	0.170	0.100	0.211	0.65
BENZENE	49/49	48	0.31	0.103 J	6.82			2.72	2.72	2.65	1.28	4.55
BIS(2-CHLOROETHYL)ETHER	0/49		0.0074			0.160	1.60		0.109	0.080	0.144	NA[1]
BROMODICHLOROMETHANE	1/49	1	0.066	0.713	0.713	0.150	1.50	0.713	0.116	0.075	0.161	0.458
BROMOFORM	2/49		2.2	0.218 J	0.323	0.110	1.10	0.271	0.084	0.055	0.107	0.281
BROMOMETHANE	3/49		5.2	0.151	0.300	0.070	0.700	0.232	0.060	0.035	0.078	0.286
CARBON DISULFIDE	39/49		730	0.111 J	38.7	0.100	0.100	4.06	3.24	0.790	6.66	15.960
CARBON TETRACHLORIDE	45/49	44	0.16	0.144 J	0.940	0.130	1.30	0.608	0.594	0.601	0.165	0.881
CHLOROBENZENE	8/49		52	0.079 J	0.611	0.040	0.400	0.254	0.065	0.020	0.112	0.256
CHLORODIBROMOMETHANE	0/49		0.09			0.240	2.40		0.164	0.120	0.216	NA[1]
CHLOROETHANE	1/49		10000	0.236	0.417	0.110	1.10	0.236	0.079	0.055	0.102	0.272
CHLOROFORM	17/49	17	0.11	0.115 J	0.444	0.110	1.10	0.213	0.133	0.055	0.124	0.401
CHLOROMETHANE	44/49		94	0.800	30.3	0.070	0.700	2.12	1.91	1.45	4.17	2.00
CIS-1,2-DICHLOROETHENE	3/49		NC	0.166 J	0.606	0.090	0.900	0.382	0.082	0.045	0.121	0.42
CIS-1,3-DICHLOROPROPENE	4/49		0.61	0.115 J	0.277	0.040	0.400	0.177	0.040	0.020	0.057	0.19
CYCLOHEXANE	32/49		6300	0.180 J	7.42	0.110	1.10	1.43	0.962	0.550	1.48	3.58
DIBROMOMETHANE	3/49		NC	0.141 J	0.341 J	0.150	1.50	0.233	0.112	0.075	0.140	0.29
DICHLORODIFLUOROMETHANE	46/49		210	0.591	5.14	0.180	0.180	2.26	2.13	2.18	0.904	3.37
ETHYLBENZENE	49/49	40	0.97	0.115 J	6.22			2.02	2.02	2.03	1.20	4.02
HEXACHLOROBUTADIENE	16/49	16	0.11	0.241 J	2.97	0.240	2.40	0.952	0.445	0.158	0.631	1.85
HEXANE	48/49		730	0.272 J	238	0.170	0.170	16.1	15.8	1.72	48.7	80.38
ISOBUTANOL	7/49		NC	0.498 J	13.8	0.460	4.60	3.67	0.806	0.230	2.06	2.79
ISOPROPYLBENZENE	15/49		420	0.106 J	0.993	0.070	0.700	0.345	0.136	0.035	0.204	0.46
M+P-XYLENES	49/49		730	0.221	20.7			7.96	7.96	7.57	4.53	15.74
METHYL ACETATE	14/49		NC	0.298 J	0.831	0.270	2.70	0.462	0.278	0.135	0.277	0.75
METHYL CYCLOHEXANE	39/49		NC	0.119 J	7.77	0.080	0.800	0.828	0.682	0.433	1.26	2.78
METHYL TERT-BUTYL ETHER	28/49	1	9.4	0.969	11.2	0.170	1.70	4.04	2.37	1.50	2.62	6.43
METHYLENE CHLORIDE	47/49	1	5.2	0.317	26.1	0.080	0.080	1.46	1.40	0.774	3.65	2.06
O-XYLENE	49/49		730	0.112 J	7.93			2.89	2.89	2.85	1.67	5.61
PENTACHLOROETHANE	0/49		NC			0.250	2.50		0.171	0.125	0.225	NA[1]
STYRENE	28/49		1000	0.099 J	2.73	0.070	0.700	0.766	0.475	0.267	0.617	1.62
TETRACHLOROETHENE	30/49	30	0.41	1.46 J	27.7	1.45	7.09	4.60	3.16	1.88	5.26	6.12
TOLUENE	49/49		5200	0.113 J	26.0			10.7	10.7	10.5	5.69	18.98
TRANS-1,2-DICHLOROETHENE	1/49		63	0.205 J	0.205 J	0.110	1.10	0.205	0.078	0.055	0.101	0.14
TRANS-1,3-DICHLOROPROPENE	2/49		0.61	0.162 J	0.250	0.070	0.700	0.206	0.055	0.035	0.071	0.21
TRANS-1,4-DICHLORO-2-BUTENE	0/47		0.00058			0.170	1.70		0.118	0.085	0.156	NA[1]
TRICHLOROETHENE	14/49		1.2	0.099 J	1.09	0.080	0.800	0.366	0.140	0.040	0.216	0.61
TRICHLOROFLUOROMETHANE	46/49		730	0.826	2.43	0.310	3.10	1.58	1.55	1.59	0.361	1.98
VINYL ACETATE	5/49		210	1.65	7.01 J	0.110	1.10	3.28	0.394	0.055	1.08	3.28
VINYL CHLORIDE	3/49	2	0.16	0.152	0.351	0.070	0.700	0.241	0.060	0.035	0.081	0.32

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-4

STUDY AREA 02 - CONSULATE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Semivolatile Organics (ug/m3)												
1,1-BIPHENYL	26/49		NC	0.0003 J	0.002 J	0.0003	0.0004	0.0007	0.0004	0.0003	0.0004	0.001
1,2,4,5-TETRACHLOROBENZENE	0/48		NC			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
2,3,4,6-TETRACHLOROPHENOL	0/48		NC			0.003	0.004		0.002	0.002	0.0001	NA[1]
2,4,5-TRICHLOROPHENOL	2/48		NC	0.002 J	0.008 J	0.0008	0.001	0.005	0.0007	0.0005	0.001	0.0005
2,4,6-TRICHLOROPHENOL	1/48		0.78	0.007 J	0.007 J	0.0005	0.0007	0.007	0.0004	0.0003	0.0009	0.0003
2,4-DICHLOROPHENOL	4/48		NC	0.0009 J	0.004 J	0.0005	0.0007	0.003	0.0005	0.0003	0.0008	0.0011
2,4-DIMETHYLPHENOL	33/49		NC	0.0008 J	0.007 J	0.0005	0.0006	0.003	0.002	0.001	0.002	0.0050
2,4-DINITROPHENOL	0/43		NC			0.003	0.003		0.002	0.002	0.00009	NA[1]
2,4-DINITROTOLUENE	0/48		0.027			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
2,6-DICHLOROPHENOL	3/48		NC	0.0010 J	0.003 J	0.0003	0.0003	0.002	0.0003	0.0002	0.0005	0.0007
2,6-DINITROTOLUENE	1/48		NC	0.001 J	0.001 J	0.0003	0.0003	0.001	0.0002	0.0002	0.0002	0.0002
2-CHLORONAPHTHALENE	0/48		NC			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
2-CHLOROPHENOL	0/48		NC			0.0003	0.0003		0.0002	0.0002	0.000009	NA[1]
2-METHYLNAPHTHALENE	15/49		NC	0.0003 J	0.003 J	0.0003	0.002	0.001	0.0005	0.0002	0.0006	0.0017
2-METHYLPHENOL	23/48		626	0.0010 J	0.004 J	0.0003	0.0008	0.002	0.001	0.0004	0.001	0.0038
2-NITROPHENOL	2/48		NC	0.0007 J	0.0010 J	0.0005	0.0007	0.0008	0.0003	0.0003	0.0001	0.0003
3&4-METHYLPHENOL	30/48		NC	0.002 J	0.013 J	0.002	0.003	0.006	0.004	0.003	0.003	0.0108
3-NITROANILINE	0/48		NC			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
4,6-DINITRO-2-METHYLPHENOL	0/48		NC			0.001	0.002		0.0008	0.0008	0.00005	NA[1]
4-BROMOPHENYL PHENYL ETHER	0/48		NC			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
4-CHLORO-3-METHYLPHENOL	2/48		NC	0.001 J	0.010 J	0.0005	0.0007	0.006	0.0005	0.0003	0.001	0.000
4-CHLOROANILINE	2/48		NC	0.0004 J	0.0004 J	0.0003	0.0003	0.0004	0.0002	0.0002	0.00005	0.000
4-NITROANILINE	0/48		6.3			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
4-NITROPHENOL	5/46		NC	0.001 J	0.005 J	0.0008	0.0010	0.003	0.0008	0.0005	0.0010	0.004
ACENAPHTHENE	4/48		NC	0.0003 J	0.001 J	0.0003	0.0003	0.0008	0.0002	0.0002	0.0002	0.001
ACENAPHTHYLENE	26/49		NC	0.0003 J	0.003	0.0003	0.0003	0.0010	0.0006	0.0003	0.0006	0.002
ANILINE	1/48		1	0.001 J	0.001 J	0.0003	0.0003	0.001	0.0002	0.0002	0.0002	0.000
ANTHRACENE	37/49		NC	0.0004 J	0.008 J	0.0003	0.0003	0.001	0.0009	0.0008	0.001	0.002
ATRAZINE	0/48		NC			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
BENZO(A)ANTHRACENE	0/48		0.0087			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
BENZO(A)PYRENE	2/48		0.00087	0.0003 J	0.0005 J	0.0002	0.0003	0.0004	0.0001	0.0001	0.00006	0.0001
BENZO(B)FLUORANTHENE	0/48		0.0087			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
BENZO(G,H,I)PERYLENE	3/48		NC	0.0007 J	0.003	0.0003	0.0003	0.001	0.0002	0.0002	0.0004	0.0005
BENZO(K)FLUORANTHENE	0/48		0.0087			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
BIS(2-ETHYLHEXYL)PHTHALATE	26/49	1	1	0.003 J	3.21 J	0.0003	0.130	0.147	0.085	0.014	0.457	0.0812
BUTYL BENZYL PHTHALATE	0/48		NC			0.0003	0.009		0.0003	0.0002	0.0007	NA[1]
CARBAZOLE	1/48		NC	0.0004 J	0.0004 J	0.0003	0.0003	0.0004	0.0002	0.0002	0.00004	0.0002
CHRYSENE	10/48		0.087	0.0003 J	0.001 J	0.0003	0.0003	0.0007	0.0003	0.0002	0.0003	0.0009
DI-N-BUTYL PHTHALATE	25/49		NC	0.007 J	0.180	0.003	0.053	0.043	0.028	0.014	0.037	0.1221
DI-N-OCTYL PHTHALATE	0/48		NC			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
DIBENZO(A,H)ANTHRACENE	0/48		0.0008			0.0002	0.0002		0.0001	0.0001	0.000007	NA[1]
DIBENZOFURAN	29/49		NC	0.0004 J	0.004 J	0.0003	0.0003	0.002	0.0010	0.0005	0.001	0.003
DIETHYL PHTHALATE	22/49		NC	0.004 J	0.019 J	0.001	0.018	0.009	0.006	0.005	0.004	0.015
DIMETHYL PHTHALATE	26/49		NC	0.0003 J	0.002 J	0.0003	0.001	0.0008	0.0005	0.0005	0.0005	0.001
DIPHENYLAMINE	8/48		NC	0.0004 J	0.006 J	0.0003	0.004	0.002	0.0006	0.0002	0.001	0.002
FLUORANTHENE	49/49		NC	0.0005 J	0.006 J			0.003	0.003	0.003	0.001	0.005
FLUORENE	38/49		NC	0.0005 J	0.004 J	0.0003	0.0003	0.002	0.001	0.001	0.001	0.003
HEXACHLOROBENZENE	0/48		0.0053			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
HEXACHLOROCYCLOPENTADIENE	0/48		0.21			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
HEXACHLOROETHANE	0/48		0.61			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
INDENO(1,2,3-CD)PYRENE	0/48		0.0087			0.001	0.002		0.0007	0.0008	0.00005	NA[1]
NAPHTHALENE	18/49		0.072	0.0004 J	0.003 J	0.0003	0.003	0.001	0.0007	0.0006	0.0006	0.0017
NITROBENZENE	0/48		0.061			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
O-TOLUIDINE	0/48		0.048			0.0003	0.0003		0.0001	0.0002	0.000009	NA[1]
PENTACHLOROBENZENE	1/48		NC	0.0008 J	0.0008 J	0.0003	0.0003	0.0008	0.0002	0.0002	0.00010	0.0002
PENTACHLOROPHENOL	0/48		0.48			0.0008	0.001		0.0005	0.0005	0.00003	NA[1]
PHENANTHRENE	49/49		NC	0.002	0.022			0.010	0.010	0.008	0.005	0.019
PHENOL	21/49		210	0.0009 J	0.006 J	0.0003	0.003	0.003	0.002	0.0010	0.002	0.005
PYRENE	49/49		NC	0.0008 J	0.006 J			0.003	0.003	0.003	0.001	0.006

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-4

STUDY AREA 02 - CONSULATE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Dioxins/Furans (ng/m3)												
1,2,3,4,6,7,8,9-OCDD	10/49		0.21	0.00005 J	0.002	0.00002	0.0003	0.0003	0.0001	0.00004	0.0002	0.0003
1,2,3,4,6,7,8,9-OCDF	11/49		0.21	0.00001 J	0.002	0.000004	0.0001	0.0002	0.00007	0.00002	0.0003	0.0002
1,2,3,4,6,7,8-HPCDD	18/48		0.0064	0.00003 J	0.001	0.000009	0.0001	0.0002	0.00007	0.00002	0.0002	0.0002
1,2,3,4,6,7,8-HPCDF	20/48		0.0064	0.00002 J	0.002	0.000007	0.0002	0.0002	0.0001	0.00003	0.0003	0.0003
1,2,3,4,7,8,9-HPCDF	25/47		0.0064	0.000001 J	0.0003	0.000001	0.00002	0.00003	0.00002	0.000005	0.00004	0.00004
1,2,3,4,7,8-HXCDD	15/46		0.00064	0.000001 J	0.00008	0.0000008	0.00001	0.00001	0.000005	0.000002	0.00001	0.00001
1,2,3,4,7,8-HXCDF	27/48		0.00064	0.000007 J	0.0006	0.000004	0.00004	0.00006	0.00004	0.00001	0.00008	0.00009
1,2,3,6,7,8-HXCDD	17/48		0.00064	0.000005 J	0.0002	0.000001	0.00002	0.00002	0.00001	0.000004	0.00003	0.00002
1,2,3,6,7,8-HXCDF	26/48		0.00064	0.000004 J	0.0004	0.000002	0.00003	0.00004	0.00002	0.00001	0.00005	0.00006
1,2,3,7,8,9-HXCDD	17/46		0.00064	0.000002 J	0.0002	0.0000009	0.00002	0.00002	0.000008	0.000003	0.00002	0.00002
1,2,3,7,8,9-HXCDF	10/44		0.00064	0.000001 J	0.00003	0.0000008	0.000008	0.000008	0.000003	0.000001	0.000005	0.00001
1,2,3,7,8-PECDD	12/47	1	0.000064	0.000003 J	0.00007	0.000002	0.00001	0.00001	0.000005	0.000002	0.00001	0.00001
1,2,3,7,8-PECDF	19/48		0.0021	0.000009 J	0.0002	0.000002	0.00002	0.00003	0.00002	0.000008	0.00002	0.00004
2,3,4,6,7,8-HXCDF	28/48		0.00064	0.000007 J	0.0005	0.000002	0.00004	0.00005	0.00003	0.00001	0.00007	0.00007
2,3,4,7,8-PECDF	24/48		0.00021	0.000009 J	0.0002	0.000005	0.00003	0.00004	0.00002	0.00001	0.00003	0.00006
2,3,7,8-TCDD	5/48		0.000064	0.000002 J	0.00003 J	0.000002	0.000009	0.000009	0.000003	0.000002	0.000004	0.00000
2,3,7,8-TCDF	14/49		0.00064	0.000007 J	0.00010 J	0.000006	0.00005	0.00004	0.00002	0.000009	0.00002	0.00006
TEQ	43/49	3	0.000064	0.00000001	0.0004	0.000002	0.000009	0.00003	0.00003	0.00002	0.00006	0.00006
TOTAL HPCDD	33/47		NC	0.00001 J	0.003	0.00002	0.0001	0.0002	0.0002	0.00008	0.0004	0.0004
TOTAL HPCDF	28/47		NC	0.00002 J	0.004	0.00001	0.0003	0.0003	0.0002	0.00006	0.0005	0.0005
TOTAL HXCDD	40/47		NC	0.000008 J	0.003	0.000010	0.0001	0.0003	0.0002	0.0001	0.0005	0.0007
TOTAL HXCDF	43/48		NC	0.00003 J	0.003	0.00003	0.0001	0.0003	0.0003	0.0002	0.0005	0.0007
TOTAL PECDD	41/48		NC	0.00001 J	0.001	0.000002	0.00007	0.0002	0.0002	0.0001	0.0002	0.0005
TOTAL PECDF	45/48		NC	0.00004 J	0.002	0.00006	0.0002	0.0003	0.0003	0.0002	0.0003	0.0006
TOTAL TCDD	39/48		NC	0.00004	0.0006	0.00003	0.00007	0.0002	0.0001	0.0001	0.0001	0.0003
TOTAL TCDF	43/49		NC	0.00007 J	0.001	0.000008	0.0004	0.0004	0.0004	0.0003	0.0002	0.0008
Inorganics (ug/m3)												
ALUMINUM	41/49		5.2	0.044	3.01 J	0.013	3.00	0.475	0.453	0.288	0.538	1.44
ANTIMONY	24/49		NC	0.004	0.022	0.004	0.011	0.011	0.007	0.004	0.005	0.014
ARSENIC	34/49	31	0.00057	0.0004	0.022	0.0003	0.0009	0.004	0.003	0.001	0.004	0.011
BARIUM	41/49		0.52	0.004	0.085	0.003	0.261	0.027	0.026	0.019	0.024	0.063
BERYLLIUM	2/49		0.001	0.0002	0.0005	0.0001	0.0009	0.0003	0.0001	0.00009	0.00008	0.000
CADMIUM	20/49	2	0.0014	0.0002	0.004	0.0001	0.001	0.0008	0.0004	0.0001	0.0007	0.001
CHROMIUM	30/49	30	0.0002	0.0008	0.022	0.0005	0.015	0.009	0.006	0.005	0.006	0.017
COBALT	34/49	21	0.00027	0.00009	0.001	0.00009	0.0007	0.0004	0.0003	0.0002	0.0003	0.001
COPPER	1/49		NC	7.26	7.26	0.350	6.69	7.26	0.516	0.287	1.08	0.625
IRON	0/49		NC			6.98	26.8		6.27	5.75	1.67	NA[1]
LEAD	43/49		NC	0.002	0.038	0.001	0.042	0.012	0.011	0.009	0.009	0.029
MANGANESE	40/49	2	0.052	0.002	0.117	0.0002	0.055	0.019	0.017	0.011	0.020	0.039
MERCURY	0/49		0.31			0.0006	0.010		0.0006	0.002	0.0007	NA[1]
NICKEL	0/49		0.0094			0.175	0.669		0.157	0.143	0.042	NA[1]
SELENIUM	0/49		21			0.035	0.133		0.031	0.029	0.008	NA[1]
SILVER	0/49		NC			0.035	0.133		0.031	0.029	0.008	NA[1]
THALLIUM	6/49		NC	0.001	0.008	0.0007	0.004	0.003	0.0010	0.0006	0.001	0.003
TIN	38/49		NC	0.001	0.032	0.0002	0.015	0.010	0.009	0.007	0.007	0.021
VANADIUM	7/49		NC	0.012	0.036	0.007	0.023	0.019	0.008	0.006	0.005	0.016
ZINC	0/49		NC			1.75	6.69		1.57	1.43	0.417	NA[1]
Miscellaneous Parameters (ug/m3)												
PM10µ 24-HOUR CONCENTRATIONS	49/49	4	150	26.1	266			70.2	70.2	53.5	52.1	205
Vapor Phase Mercury (ug/m3)												
MERCURY	38/47		0.31	0.0003	0.008 J	0.00005	0.003	0.003	0.002	0.002	0.002	0.005

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-4

STUDY AREA 02 - CONSULATE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Aldehydes (ug/m3)												
ACETALDEHYDE	45/48	31	1.1	0.335	16.0	0.054	0.831	2.00	1.89	1.66	2.39	3.56
BENZALDEHYDE	45/48		NC	0.159 J	3.69	0.014	0.223	0.560	0.527	0.430	0.538	1.06
BUTYRALDEHYDE	37/48		NC	0.059 J	5.14	0.027	0.032	0.464	0.361	0.257	0.735	0.673
CROTONALDEHYDE	12/48		NC	0.018 J	0.203	0.013	0.019	0.103	0.031	0.007	0.051	0.151
FORMALDEHYDE	43/48	43	0.19	0.356	8.02	2.51	5.64	2.92	2.80	2.80	1.34	4.39
HEXALDEHYDE	33/48		NC	0.038 J	0.641	0.021	0.262	0.234	0.170	0.172	0.141	0.412
M-TOLUALDEHYDE	19/48		NC	0.063 J	1.46	0.013	0.207	0.346	0.147	0.014	0.264	0.394
METHACRYLALDEHYDE	33/48		NC	0.017 J	0.396	0.013	0.015	0.188	0.131	0.076	0.131	0.357
N-VALERALDEHYDE	39/48		NC	0.034 J	0.847	0.014	0.016	0.145	0.119	0.085	0.132	0.245
PROPIONALDEHYDE	41/48		8.3	0.032 J	3.51	0.007	0.389	0.341	0.303	0.203	0.502	0.696
Pesticides/PCBs (ug/m3)												
4,4'-DDD	0/48		0.035			0.0004	0.0005		0.0002	0.0002	0.00001	NA[1]
4,4'-DDE	0/48		0.025			0.0004	0.0006		0.0002	0.0002	0.00001	NA[1]
4,4'-DDT	0/48		0.025			0.0008	0.029		0.0006	0.0005	0.001	NA[1]
ALDRIN	0/48		0.0005			0.0009	0.001		0.0006	0.0006	0.00003	NA[1]
ALPHA-BHC	0/48		0.0014			0.0003	0.0004		0.0002	0.0002	0.00001	NA[1]
ALPHA-CHLORDANE	0/48		0.024			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
AROCLOR-1016	0/48		0.12			0.0001	0.014		0.006	0.006	0.002	NA[1]
AROCLOR-1221	0/48		0.0043			0.0001	0.014		0.006	0.006	0.002	NA[1]
AROCLOR-1232	0/48		0.0043			0.0001	0.014		0.006	0.006	0.002	NA[1]
AROCLOR-1242	0/48		0.0043			0.0001	0.014		0.006	0.006	0.002	NA[1]
AROCLOR-1248	0/48		0.0043			0.0001	0.014		0.006	0.006	0.002	NA[1]
AROCLOR-1254	0/48		0.0043			0.0001	0.014		0.006	0.006	0.002	NA[1]
AROCLOR-1260	0/48		0.0043			0.0001	0.014		0.006	0.006	0.002	NA[1]
BETA-BHC	0/48		0.0046			0.0001	0.0002		0.00009	0.00009	0.000005	NA[1]
DELTA-BHC	0/48		0.0014			0.0005	0.0008		0.0003	0.0003	0.00002	NA[1]
DIELDRIN	1/48	1	0.00053	0.0008 J	0.001 J	0.0007	0.0009	0.0008	0.0004	0.0004	0.00006	0.0004
ENDOSULFAN I	0/48		NC			0.001	0.002		0.0007	0.0007	0.00004	NA[1]
ENDOSULFAN II	0/48		NC			0.0004	0.0006		0.0003	0.0003	0.00002	NA[1]
ENDOSULFAN SULFATE	0/48		NC			0.0010	0.001		0.0006	0.0006	0.00004	NA[1]
ENDRIN	0/48		NC			0.0004	0.0005		0.0002	0.0002	0.00001	NA[1]
ENDRIN ALDEHYDE	0/48		NC			0.0002	0.0003		0.0001	0.0001	0.000008	NA[1]
GAMMA-BHC (LINDANE)	0/48		0.0078			0.0004	0.0006		0.0002	0.0002	0.00001	NA[1]
GAMMA-CHLORDANE	0/48		0.024			0.001	0.002		0.0008	0.0008	0.00005	NA[1]
HEPTACHLOR	0/48		0.0019			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
HEPTACHLOR EPOXIDE	0/48		0.00094			0.0006	0.0008		0.0003	0.0004	0.00002	NA[1]
METHOXYCHLOR	0/48		NC			0.002	0.002		0.001	0.001	0.00006	NA[1]
PENTACHLORONITROBENZENE	0/48		NC			0.0003	0.0007		0.0003	0.0003	0.00005	NA[1]
TOXAPHENE	0/48		0.0076			0.0010	0.118		0.051	0.055	0.014	NA[1]

Footnotes:
(1) The parameter was not detected in any of the samples. Therefore a 95th percentile was not appropriate.

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-5

STUDY AREA 03 - CAPODICHINO AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Volatile Organics (ug/m3)												
1,1,1,2-TETRACHLOROETHANE	3/48	1	0.33	0.250 J	0.347 J	0.180	0.720	0.297	0.109	0.090	0.064	0.2786
1,1,1-TRICHLOROETHANE	9/48		5200	0.127 J	0.326	0.150	0.600	0.211	0.106	0.075	0.064	0.2497
1,1,2,2-TETRACHLOROETHANE	8/48	8	0.042	0.127	0.477	0.040	0.160	0.323	0.072	0.020	0.127	0.4114
1,1,2-TRICHLOROETHANE	1/48	1	0.15	0.198 J	0.212	0.080	0.320	0.205	0.046	0.040	0.029	0.04
1,1,2-TRICHLOROTRIFLUOROETHANE	42/48		31000	0.411	0.954	0.080	0.770	0.677	0.605	0.643	0.230	0.87595
1,1-DICHLOROETHANE	2/48		1.5	0.089 J	0.127 J	0.050	0.200	0.108	0.030	0.025	0.020	0.066535
1,1-DICHLOROETHENE	2/48		210	0.104 J	0.158 J	0.100	0.400	0.106	0.055	0.050	0.024	0.08705
1,2,3-TRICHLOROBENZENE	5/43		NC	0.455 J	1.65 J	0.400	1.60	0.896	0.295	0.200	0.277	0.798
1,2,3-TRICHLOROPROPANE	3/48		NC	0.222	0.348	0.070	0.280	0.296	0.054	0.035	0.067	0.1933
1,2,4-TRICHLOROBENZENE	10/46	3	2.1	0.332	3.32	0.190	3.19	1.62	0.517	0.095	0.769	2.1575
1,2,4-TRIMETHYLBENZENE	46/48		7.3	0.173 J	3.58 J	0.050	0.050	1.47	1.41	1.28	0.839	2.826
1,2-DIBROMO-3-CHLOROPROPANE	4/43	4	0.00016	0.263	0.716	0.100	0.438	0.399	0.090	0.050	0.120	0.272
1,2-DIBROMOETHANE	0/48		0.0041			0.120	0.480		0.064	0.060	0.026	NA[1]
1,2-DICHLOROBENZENE	10/48		210	0.140 J	1.08	0.100	0.400	0.568	0.162	0.050	0.281	0.92425
1,2-DICHLOROETHANE	6/48	6	0.094	0.104 J	0.231	0.100	0.400	0.181	0.069	0.050	0.051	0.20715
1,2-DICHLOROPROPANE	35/48	35	0.24	0.266	26.9 J	0.090	0.791	3.56	2.64	0.671	4.78	8.892
1,2-DICHLOROTETRAFLUOROETHANE	3/48		NC	0.292 J	0.329 J	0.260	1.04	0.311	0.149	0.130	0.070	0.30435
1,3,5-TRIMETHYLBENZENE	41/48		NC	0.149 J	0.968	0.050	0.662	0.484	0.423	0.374	0.260	0.84365
1,3-BUTADIENE	4/48	4	0.081	0.490 J	0.900 J	0.490	1.96	0.734	0.301	0.245	0.176	0.7997
1,3-DICHLOROBENZENE	11/48		NC	0.110 J	0.991	0.090	0.451	0.503	0.157	0.045	0.258	0.8626
1,4-DICHLOROBENZENE	14/47	9	0.22	0.147 J	1.46	0.090	0.360	0.594	0.214	0.045	0.333	0.9153
2-BUTANONE	43/48		5200	0.568 J	14.7 J	0.330	0.330	2.92	2.63	2.44	2.23	4.4955
ACETONE	47/48	1	32000	1.39 J	85200 J	4.24	4.24	1831	1793	16.3	12295	46.165
ACETONITRILE	21/48		63	0.385 J	3.31	0.380	1.52	0.833	0.483	0.190	0.577	1.13745
ACETOPHENONE	14/46		NC	1.06 J	123 J	1.02	4.08	13.2	4.41	0.510	18.1	10.0575
ACROLEIN	39/48	39	0.021	0.490 J	9.21 J	0.410	1.64	2.56	2.13	1.62	1.81	4.8055
ACRYLONITRILE	5/48	5	0.036	0.212 J	0.453	0.200	0.800	0.332	0.130	0.100	0.087	0.37725
BENZENE	48/48	48	0.31	0.645	5.50			2.05	2.05	1.96	0.957	3.7815
BIS(2-CHLOROETHYL)ETHER	0/48		0.0074			0.160	0.640		0.085	0.080	0.035	NA[1]
BROMODICHLOROMETHANE	0/48		0.066			0.150	0.600		0.080	0.075	0.032	NA[1]
BROMOFORM	0/48		2.2			0.110	0.440		0.058	0.055	0.024	NA[1]
BROMOMETHANE	5/48		5.2	0.130 J	0.300	0.070	0.280	0.222	0.057	0.035	0.063	0.21815
CARBON DISULFIDE	35/48		730	0.142 J	7.99 J	0.100	0.964	1.73	1.28	0.475	1.86	5.393
CARBON TETRACHLORIDE	43/48	43	0.16	0.379	0.919	0.130	0.731	0.609	0.576	0.584	0.154	0.83055
CHLOROBENZENE	8/48		52	0.091 J	0.402 J	0.040	0.413	0.194	0.060	0.020	0.089	0.203875
CHLORODIBROMOMETHANE	0/48		0.09			0.240	0.960		0.128	0.120	0.052	NA[1]
CHLOROETHANE	0/48		10000			0.110	0.440		0.058	0.055	0.024	NA[1]
CHLOROFORM	16/48	16	0.11	0.117 J	0.335	0.110	0.440	0.194	0.110	0.055	0.075	0.24995
CHLOROMETHANE	45/48		94	0.944	2.50	0.070	0.070	1.53	1.44	1.48	0.456	2.039
CIS-1,2-DICHLOROETHENE	1/48		NC	0.115 J	0.185 J	0.090	0.360	0.115	0.049	0.045	0.022	0.045
CIS-1,3-DICHLOROPROPENE	2/48		0.61	0.091 J	0.428	0.040	0.160	0.260	0.031	0.020	0.060	0.059
CYCLOHEXANE	43/48		6300	0.137 J	8.16	0.110	0.440	1.88	1.69	1.08	1.85	6.149
DIBROMOMETHANE	4/48		NC	0.216 J	0.338	0.150	0.600	0.270	0.096	0.075	0.064	0.26935
DICHLORODIFLUOROMETHANE	47/48		210	1.34	7.16	0.180	0.180	2.44	2.39	2.23	0.960	3.286
ETHYLBENZENE	48/48	31	0.97	0.149 J	3.04			1.32	1.32	1.22	0.735	2.9245
HEXACHLOROBUTADIENE	14/48	14	0.11	0.279 J	2.33	0.240	2.48	0.869	0.430	0.120	0.558	1.7355
HEXANE	47/48	1	730	0.241 J	1070 J	0.170	0.170	33.8	33.1	1.22	156	97.99
ISOBUTANOL	9/48		NC	0.593 J	3.03	0.460	1.84	1.49	0.481	0.230	0.632	1.8005
ISOPROPYLBENZENE	12/48		420	0.139 J	0.414	0.070	0.280	0.252	0.092	0.035	0.104	0.3083
M+P-XYLENES	48/48		730	0.537	13.4 J			4.93	4.93	4.35	2.82	9.615
METHYL ACETATE	25/48		NC	0.307 J	6.29	0.270	1.08	0.824	0.502	0.347	0.898	1.04535
METHYL CYCLOHEXANE	33/48		NC	0.111 J	14.3	0.080	0.320	1.31	0.915	0.284	2.27	3.8895
METHYL TERT-BUTYL ETHER	27/48	1	9.4	0.745	12.4	0.170	0.680	2.16	1.26	0.917	1.95	3.5515
METHYLENE CHLORIDE	47/48	5	5.2	0.400	8.74	0.080	0.080	1.90	1.86	1.24	2.06	7.046
O-XYLENE	48/48		730	0.179 J	3.38			1.57	1.57	1.43	0.804	2.7395
PENTACHLOROETHANE	2/48		NC	0.255 J	0.477 J	0.250	1.00	0.366	0.143	0.125	0.075	0.2095
STYRENE	30/48		1000	0.107 J	3.94	0.070	0.443	0.802	0.529	0.417	0.699	1.8395
TETRACHLOROETHENE	26/48	26	0.41	1.53 J	7.63 J	1.45	5.44	2.91	1.98	1.59	1.47	4.2725
TOLUENE	48/48		5200	1.38	16.9			7.68	7.68	7.30	3.80	14.325
TRANS-1,2-DICHLOROETHENE	2/48		63	0.114 J	0.180 J	0.110	0.440	0.142	0.062	0.055	0.030	0.09335
TRANS-1,3-DICHLOROPROPENE	2/48		0.61	0.096 J	0.551	0.070	0.280	0.323	0.049	0.035	0.076	0.10325
TRANS-1,4-DICHLORO-2-BUTENE	0/47		0.00058			0.170	0.680		0.090	0.085	0.037	NA[1]
TRICHLOROETHENE	23/48		1.2	0.098 J	0.656	0.080	0.479	0.304	0.170	0.069	0.170	0.5211
TRICHLOROFLUOROMETHANE	47/48		730	1.05	2.55	0.310	0.310	1.61	1.58	1.61	0.338	1.923
VINYL ACETATE	5/48		210	2.19	5.17	0.110	0.440	3.01	0.366	0.055	0.979	2.307
VINYL CHLORIDE	0/48		0.16			0.070	0.280		0.037	0.035	0.015	NA[1]

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-5

STUDY AREA 03 - CAPODICHINO AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Semivolatile Organics (ug/m3)												
1,1-BIPHENYL	31/49		NC	0.0003 J	0.004 J	0.0002	0.001	0.001	0.0008	0.0005	0.0009	0.003
1,2,4,5-TETRACHLOROBENZENE	0/49		NC			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
2,3,4,6-TETRACHLOROPHENOL	0/49		NC			0.003	0.004		0.002	0.002	0.00010	NA[1]
2,4,5-TRICHLOROPHENOL	2/49		NC	0.004 J	0.009 J	0.0007	0.0010	0.006	0.0007	0.0005	0.001	0.000
2,4,6-TRICHLOROPHENOL	2/49		0.78	0.0010 J	0.004 J	0.0005	0.0006	0.002	0.0004	0.0003	0.0005	0.000
2,4-DICHLOROPHENOL	2/49		NC	0.002 J	0.003 J	0.0005	0.0006	0.002	0.0004	0.0003	0.0004	0.000
2,4-DIMETHYLPHENOL	28/49		NC	0.0008 J	0.039	0.0005	0.003	0.007	0.004	0.001	0.008	0.019
2,4-DINITROPHENOL	0/43		NC			0.002	0.003		0.002	0.002	0.00009	NA[1]
2,4-DINITROTOLUENE	0/49		0.027			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
2,6-DICHLOROPHENOL	4/49		NC	0.0006 J	0.006 J	0.0002	0.0003	0.002	0.0003	0.0002	0.0009	0.001
2,6-DINITROTOLUENE	1/49		NC	0.004 J	0.004 J	0.0002	0.0003	0.004	0.0002	0.0002	0.0005	0.000
2-CHLORONAPHTHALENE	0/49		NC			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
2-CHLOROPHENOL	0/49		NC			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
2-METHYLNAPHTHALENE	20/49		NC	0.0004 J	0.005 J	0.0003	0.0009	0.001	0.0006	0.0002	0.0009	0.002
2-METHYLPHENOL	20/49		626	0.0008 J	0.028 J	0.0002	0.002	0.007	0.003	0.0002	0.006	0.021
2-NITROPHENOL	7/49		NC	0.0006 J	0.004 J	0.0005	0.0006	0.002	0.0005	0.0003	0.0006	0.002
3&4-METHYLPHENOL	26/49		NC	0.002 J	0.090 J	0.002	0.006	0.021	0.012	0.003	0.022	0.070
3-NITROANILINE	0/49		NC			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
4,6-DINITRO-2-METHYLPHENOL	0/49		NC			0.001	0.002		0.0008	0.0008	0.00004	NA[1]
4-BROMOPHENYL PHENYL ETHER	0/49		NC			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
4-CHLORO-3-METHYLPHENOL	2/49		NC	0.001 J	0.010 J	0.0005	0.0006	0.006	0.0005	0.0003	0.001	0.000
4-CHLOROANILINE	0/49		NC			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
4-NITROANILINE	0/49		6.3			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
4-NITROPHENOL	5/47		NC	0.001 J	0.004 J	0.0008	0.0010	0.002	0.0007	0.0005	0.0007	0.002
ACENAPHTHENE	8/49		NC	0.0003 J	0.002 J	0.0002	0.0003	0.0009	0.0003	0.0002	0.0004	0.001
ACENAPHTHYLENE	30/49		NC	0.0002 J	0.012	0.0002	0.0003	0.003	0.002	0.0005	0.003	0.008
ANILINE	0/49		1			0.0002	0.002		0.0002	0.0002	0.0001	NA[1]
ANTHRACENE	31/49		NC	0.0004 J	0.006 J	0.0002	0.0003	0.002	0.001	0.0008	0.001	0.004
ATRAZINE	0/49		NC			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
BENZO(A)ANTHRACENE	12/49		0.0087	0.0005 J	0.003	0.0002	0.0003	0.001	0.0004	0.0002	0.0007	0.002
BENZO(A)PYRENE	14/49	6	0.00087	0.0003 J	0.002	0.0002	0.0003	0.0009	0.0003	0.0001	0.0005	0.001
BENZO(B)FLUORANTHENE	4/49		0.0087	0.0007 J	0.001	0.0005	0.0006	0.0010	0.0004	0.0003	0.0002	0.001
BENZO(G,H,I)PERYLENE	20/49		NC	0.0003 J	0.003	0.0002	0.0003	0.0010	0.0005	0.0002	0.0005	0.001
BENZO(K)FLUORANTHENE	4/49		0.0087	0.0007 J	0.001 J	0.0005	0.0006	0.0009	0.0004	0.0003	0.0002	0.001
BIS(2-ETHYLHEXYL)PHTHALATE	25/49	1	1	0.003 J	3.05	0.0002	0.069	0.140	0.078	0.014	0.434	0.040
BUTYL BENZYL PHTHALATE	2/49		NC	0.0009 J	0.055	0.0002	0.002	0.028	0.001	0.0002	0.008	0.001
CARBAZOLE	1/49		NC	0.0005 J	0.0005 J	0.0002	0.0003	0.0005	0.0002	0.0002	0.00005	0.000
CHRYSENE	34/49		0.087	0.0004 J	0.004 J	0.0002	0.0003	0.001	0.0009	0.0007	0.0009	0.003
DI-N-BUTYL PHTHALATE	19/49		NC	0.004 J	0.105	0.0003	0.087	0.037	0.020	0.009	0.027	0.076
DI-N-OCTYL PHTHALATE	0/49		NC			0.0005	0.0006		0.0003	0.0003	0.00002	NA[1]
DIBENZO(A,H)ANTHRACENE	1/49		0.0008	0.0004 J	0.0004 J	0.0002	0.0002	0.0004	0.0001	0.0001	0.00004	0.000
DIBENZOFURAN	37/49		NC	0.0005 J	0.014 J	0.0002	0.0003	0.003	0.003	0.001	0.004	0.013
DIETHYL PHTHALATE	22/49		NC	0.003 J	0.017 J	0.001	0.013	0.006	0.005	0.004	0.003	0.009
DIMETHYL PHTHALATE	22/49		NC	0.0003 J	0.001 J	0.0003	0.0006	0.0006	0.0003	0.0002	0.0003	0.001
DIPHENYLAMINE	3/49		NC	0.0005 J	0.0010 J	0.0002	0.002	0.0007	0.0003	0.0002	0.0002	0.001
FLUORANTHENE	46/49		NC	0.0005 J	0.011 J	0.0003	0.0003	0.004	0.004	0.003	0.002	0.008
FLUORENE	42/49		NC	0.0005 J	0.010 J	0.0002	0.0007	0.003	0.002	0.002	0.002	0.008
HEXACHLOROBENZENE	0/49		0.0053			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
HEXACHLOROCYCLOPENTADIENE	0/49		0.21			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
HEXACHLOROETHANE	0/49		0.61			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
INDENO(1,2,3-CD)PYRENE	2/49		0.0087	0.002 J	0.002 J	0.001	0.002	0.002	0.0008	0.0008	0.0002	0.001
NAPHTHALENE	21/49		0.072	0.0005 J	0.005 J	0.0003	0.009	0.002	0.001	0.0009	0.001	0.004
NITROBENZENE	0/49		0.061			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
O-TOLUIDINE	0/49		0.048			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
PENTACHLOROBENZENE	0/49		NC			0.0002	0.0003		0.0002	0.0002	0.000008	NA[1]
PENTACHLOROPHENOL	0/49		0.48			0.0007	0.0010		0.0005	0.0005	0.00002	NA[1]
PHENANTHRENE	49/49		NC	0.002	0.039			0.014	0.014	0.013	0.008	0.030
PHENOL	22/49		210	0.001 J	0.029 J	0.0003	0.040	0.008	0.004	0.002	0.007	0.022
PYRENE	47/49		NC	0.0005 J	0.010 J	0.0003	0.0003	0.004	0.003	0.003	0.002	0.007

NC - No Criteria
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Blank cells equal zero
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TABLE 2-5

STUDY AREA 03 - CAPODICHINO AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Dioxins/Furans (ng/m3)												
1,2,3,4,6,7,8,9-OCDD	20/48		0.21	0.00009 J	0.004 J	0.00003	0.0007	0.0007	0.0003	0.0001	0.0006	0.0010
1,2,3,4,6,7,8,9-OCDF	21/48		0.21	0.00002 J	0.002 J	0.000006	0.0009	0.0004	0.0002	0.00006	0.0004	0.0008
1,2,3,4,6,7,8-HPCDD	30/48		0.0064	0.00004 J	0.003 J	0.00001	0.00008	0.0004	0.0003	0.0001	0.0005	0.0007
1,2,3,4,6,7,8-HPCDF	35/48		0.0064	0.000008 J	0.005 J	0.00002	0.0002	0.0005	0.0004	0.0002	0.0008	0.0015
1,2,3,4,7,8,9-HPCDF	37/48		0.0064	0.000002 J	0.0005 J	0.000002	0.00003	0.00006	0.00005	0.00002	0.00009	0.0002
1,2,3,4,7,8-HXCDD	29/46		0.00064	0.000002 J	0.0003 J	0.000002	0.00002	0.00003	0.00002	0.000009	0.00004	0.0001
1,2,3,4,7,8-HXCDF	40/48	3	0.00064	0.00001 J	0.002 J	0.000006	0.00003	0.0002	0.0002	0.00006	0.0003	0.0008
1,2,3,6,7,8-HXCDD	32/48		0.00064	0.000005 J	0.0006 J	0.000002	0.00004	0.00006	0.00004	0.00002	0.00009	0.0001
1,2,3,6,7,8-HXCDF	39/48	1	0.00064	0.000010 J	0.0008 J	0.000003	0.00005	0.0001	0.00009	0.00004	0.0002	0.0004
1,2,3,7,8,9-HXCDD	30/48		0.00064	0.000002 J	0.0005 J	0.000002	0.00003	0.00005	0.00003	0.00001	0.00007	0.0001
1,2,3,7,8,9-HXCDF	25/48		0.00064	0.000001 J	0.00006 J	0.000002	0.00001	0.00001	0.000008	0.000003	0.00001	0.00003
1,2,3,7,8-PECDD	26/48	3	0.000064	0.000003 J	0.0003	0.000002	0.00002	0.00004	0.00002	0.000008	0.00005	0.0001
1,2,3,7,8-PECDF	40/48		0.0021	0.000007 J	0.002	0.000007	0.00004	0.0001	0.00010	0.00003	0.0002	0.0003
2,3,4,6,7,8-HXCDF	39/48	1	0.00064	0.000010 J	0.001 J	0.000002	0.00002	0.0001	0.0001	0.00006	0.0002	0.0003
2,3,4,7,8-PECDF	38/48	3	0.00021	0.00002 J	0.001	0.000010	0.00007	0.0001	0.0001	0.00006	0.0002	0.0004
2,3,7,8-TCDD	15/48	1	0.000064	0.000003 J	0.0002	0.000002	0.00002	0.00003	0.00001	0.000004	0.00003	0.0000
2,3,7,8-TCDF	32/48	1	0.00064	0.00002	0.001	0.00001	0.00005	0.0001	0.00008	0.00004	0.0002	0.0003
TEQ	45/48	23	0.000064	0.0000001	0.001	0.000003	0.00001	0.0001	0.0001	0.00005	0.0003	0.0005
TOTAL HPCDD	39/48		NC	0.00003 J	0.008 J	0.00002	0.0002	0.0007	0.0006	0.0002	0.001	0.0015
TOTAL HPCDF	41/48		NC	0.00001 J	0.007 J	0.00002	0.00010	0.0007	0.0006	0.0003	0.001	0.0021
TOTAL HXCDD	45/48		NC	0.000009 J	0.013 J	0.00004	0.0001	0.0010	0.0009	0.0004	0.002	0.0026
TOTAL HXCDF	44/48		NC	0.00004 J	0.010 J	0.00005	0.0001	0.001	0.001	0.0005	0.002	0.0046
TOTAL PECDD	45/48		NC	0.00003 J	0.022	0.00004	0.0001	0.001	0.001	0.0004	0.003	0.0030
TOTAL PECDF	48/48		NC	0.00008 J	0.028			0.002	0.002	0.0008	0.004	0.0054
TOTAL TCDD	45/48		NC	0.00003 J	0.019	0.00009	0.0002	0.0010	0.0009	0.0004	0.003	0.0021
TOTAL TCDF	47/48		NC	0.0001 J	0.040	0.0003	0.0003	0.002	0.002	0.0009	0.006	0.0035
Inorganics (ug/m3)												
ALUMINUM	42/49		5.2	0.044	2.17	0.102	2.69	0.426	0.412	0.234	0.437	1.2411
ANTIMONY	30/49		NC	0.005	0.054	0.004	0.008	0.013	0.009	0.007	0.010	0.0243
ARSENIC	39/49	38	0.00057	0.0005	0.063	0.0002	0.001	0.008	0.007	0.003	0.011	0.0183
BARIUM	42/49		0.52	0.006	0.062	0.003	0.186	0.020	0.020	0.018	0.015	0.0381
BERYLLIUM	1/49	1	0.001	0.001	0.001	0.0001	0.0002	0.001	0.0001	0.00009	0.0002	0.0001
CADMIUM	37/49	2	0.0014	0.0002	0.006	0.0002	0.002	0.0008	0.0006	0.0004	0.0009	0.0013
CHROMIUM	23/49	23	0.0002	0.001	0.030	0.0004	0.008	0.007	0.004	0.003	0.004	0.0090
COBALT	39/49	21	0.00027	0.0002	0.001	0.0001	0.0008	0.0004	0.0003	0.0003	0.0002	0.0007
COPPER	0/49		NC			0.434	0.769		0.295	0.292	0.036	NA[1]
IRON	0/49		NC			8.67	15.4		5.90	5.84	0.726	NA[1]
LEAD	43/49		NC	0.005	0.118	0.001	0.053	0.023	0.021	0.015	0.021	0.0537
MANGANESE	36/49	1	0.052	0.003	0.168	0.0002	0.115	0.017	0.015	0.010	0.025	0.0373
MERCURY	0/49		0.31			0.0005	0.010		0.0006	0.002	0.0006	NA[1]
NICKEL	0/49		0.0094			0.217	0.384		0.148	0.146	0.018	NA[1]
SELENIUM	0/49		21			0.043	0.077		0.030	0.029	0.004	NA[1]
SILVER	0/49		NC			0.043	0.077		0.030	0.029	0.004	NA[1]
THALLIUM	7/49		NC	0.001	0.003	0.0009	0.002	0.002	0.0008	0.0006	0.0005	0.0019
TIN	39/49		NC	0.002	0.015	0.0002	0.016	0.007	0.006	0.006	0.004	0.0127
VANADIUM	12/49		NC	0.011	0.039	0.009	0.015	0.022	0.010	0.006	0.008	0.0272
ZINC	0/49		NC			2.17	3.84		1.48	1.46	0.181	NA[1]
Miscellaneous Parameters (ug/m3)												
PM10µ 24-HOUR CONCENTRATIONS	49/49	1	150	7.65	162			59.4	59.4	52.3	30.4	124.5
Vapor Phase Mercury (ug/m3)												
MERCURY	34/49		0.31	0.000002 J	0.009 J	0.00006	0.008	0.003	0.002	0.002	0.002	0.0070

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NSA NAPLES, ITALY

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Aldehydes (ug/m3)												
ACETALDEHYDE	48/49	28	1.1	0.402	4.61	1.10	1.10	1.57	1.55	1.37	0.964	3.41
BENZALDEHYDE	47/49		NC	0.182	2.34	0.014	0.207	0.631	0.607	0.515	0.403	1.17
BUTYRALDEHYDE	41/49		NC	0.029 J	1.36	0.027	0.029	0.407	0.343	0.268	0.314	1.01
CROTONALDEHYDE	16/49		NC	0.011 J	0.354	0.014	0.016	0.116	0.043	0.007	0.077	0.18
FORMALDEHYDE	45/49	45	0.19	0.813	9.86	2.81	5.70	3.09	2.99	2.66	1.66	5.41
HEXALDEHYDE	36/49		NC	0.054 J	0.567	0.021	0.235	0.221	0.171	0.183	0.122	0.34
M-TOLUALDEHYDE	23/49		NC	0.044 J	0.844	0.012	0.210	0.277	0.139	0.056	0.177	0.44
METHACRYLALDEHYDE	33/49		NC	0.038 J	0.586	0.013	0.014	0.241	0.165	0.121	0.168	0.52
N-VALERALDEHYDE	39/49		NC	0.024 J	1.74	0.014	0.014	0.184	0.148	0.085	0.254	0.38
PROPIONALDEHYDE	42/49		8.3	0.054 J	0.968	0.007	0.511	0.291	0.267	0.197	0.219	0.72
Pesticides/PCBs (ug/m3)												
4,4'-DDD	0/47		0.035			0.0004	0.0006		0.0002	0.0002	0.00001	NA[1]
4,4'-DDE	0/47		0.025			0.0004	0.0006		0.0002	0.0002	0.00001	NA[1]
4,4'-DDT	0/47		0.025			0.0008	0.044		0.001	0.0005	0.004	NA[1]
ALDRIN	0/47		0.0005			0.0010	0.001		0.0006	0.0006	0.00003	NA[1]
ALPHA-BHC	0/47		0.0014			0.0003	0.0005		0.0002	0.0002	0.00001	NA[1]
ALPHA-CHLORDANE	1/47		0.024	0.002 J	0.002 J	0.0005	0.0006	0.002	0.0003	0.0003	0.0002	0.0003
AROCLOR-1016	0/47		0.12			0.0001	0.015		0.006	0.006	0.001	NA[1]
AROCLOR-1221	0/47		0.0043			0.0001	0.015		0.006	0.006	0.001	NA[1]
AROCLOR-1232	0/47		0.0043			0.0001	0.015		0.006	0.006	0.001	NA[1]
AROCLOR-1242	0/47		0.0043			0.0001	0.015		0.006	0.006	0.001	NA[1]
AROCLOR-1248	0/47		0.0043			0.0001	0.015		0.006	0.006	0.001	NA[1]
AROCLOR-1254	0/47		0.0043			0.0001	0.015		0.006	0.006	0.001	NA[1]
AROCLOR-1260	0/47		0.0043			0.0001	0.015		0.006	0.006	0.001	NA[1]
BETA-BHC	0/47		0.0046			0.0002	0.0002		0.00009	0.00009	0.000005	NA[1]
DELTA-BHC	0/47		0.0014			0.0006	0.0008		0.0003	0.0003	0.00002	NA[1]
DIELDRIN	1/47	1	0.00053	0.012 J	0.012 J	0.0007	0.0009	0.012	0.0007	0.0004	0.002	0.0004
ENDOSULFAN I	2/47		NC	0.002	0.003	0.001	0.002	0.002	0.0008	0.0007	0.0003	0.0009
ENDOSULFAN II	0/47		NC			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
ENDOSULFAN SULFATE	0/47		NC			0.001	0.002		0.0006	0.0006	0.00004	NA[1]
ENDRIN	0/47		NC			0.0004	0.0006		0.0002	0.0002	0.00001	NA[1]
ENDRIN ALDEHYDE	0/47		NC			0.0002	0.0003		0.0001	0.0001	0.000008	NA[1]
GAMMA-BHC (LINDANE)	0/47		0.0078			0.0004	0.0006		0.0002	0.0002	0.00001	NA[1]
GAMMA-CHLORDANE	0/47		0.024			0.001	0.002		0.0008	0.0008	0.00005	NA[1]
HEPTACHLOR	0/47		0.0019			0.0005	0.0008		0.0003	0.0003	0.00002	NA[1]
HEPTACHLOR EPOXIDE	0/47		0.00094			0.0006	0.0009		0.0004	0.0004	0.00002	NA[1]
METHOXYCHLOR	0/47		NC			0.002	0.003		0.001	0.001	0.00006	NA[1]
PENTACHLORONITROBENZENE	0/47		NC			0.0003	0.0007		0.0003	0.0003	0.00004	NA[1]
TOXAPHENE	0/47		0.0076			0.001	0.140		0.052	0.056	0.014	NA[1]

Footnotes:
(1) The parameter was not detected in any of the samples. Therefore a 95th percentile was not appropriate.

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-6

STUDY AREA 04 - CARNEY PARK AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Volatile Organics (ug/m3)												
1,1,1,2-TETRACHLOROETHANE	2/49		0.33	0.204 J	0.214 J	0.180	0.180	0.209	0.095	0.090	0.024	0.09
1,1,1-TRICHLOROETHANE	10/49		5200	0.170 J	0.298 J	0.150	0.208	0.214	0.104	0.075	0.059	0.23
1,1,2,2-TETRACHLOROETHANE	11/49	11	0.042	0.098 J	0.407	0.040	0.040	0.216	0.064	0.020	0.094	0.27
1,1,2-TRICHLOROETHANE	0/49		0.15			0.080	0.080		0.040	0.040		NA[1]
1,1,2-TRICHLOROTRIFLUOROETHANE	44/49		31000	0.331	3.08	0.080	0.209	0.719	0.651	0.639	0.420	0.89
1,1-DICHLOROETHANE	0/49		1.5			0.050	0.050		0.025	0.025	0.0000000009	NA[1]
1,1-DICHLOROETHENE	3/49		210	0.150 J	0.198 J	0.100	0.100	0.168	0.057	0.050	0.029	0.11
1,2,3-TRICHLOROBENZENE	6/46		NC	1.20	2.00	0.400	0.400	1.61	0.383	0.200	0.489	1.57
1,2,3-TRICHLOROPROPANE	0/49		NC			0.070	0.070		0.035	0.035		NA[1]
1,2,4-TRICHLOROBENZENE	11/47	2	2.1	0.589	2.23	0.190	1.66	1.40	0.440	0.095	0.612	1.89
1,2,4-TRIMETHYLBENZENE	44/49		7.3	0.256	6.46	0.050	0.558	0.877	0.801	0.608	0.959	1.75
1,2-DIBROMO-3-CHLOROPROPANE	1/47	1	0.00016	0.249	0.249	0.100	0.253	0.249	0.056	0.050	0.031	0.05
1,2-DIBROMOETHANE	3/49	3	0.0041	0.151 J	0.216	0.120	0.120	0.182	0.067	0.060	0.030	0.11
1,2-DICHLOROBENZENE	8/49		210	0.113 J	0.884	0.100	0.228	0.327	0.098	0.050	0.159	0.18
1,2-DICHLOROETHANE	6/49	6	0.094	0.121 J	1.93	0.100	0.100	0.464	0.101	0.050	0.269	0.19
1,2-DICHLOROPROPANE	28/49	25	0.24	0.153 J	16.5 J	0.090	0.190	3.40	1.96	0.281	3.17	7.96
1,2-DICHLOROTETRAFLUOROETHANE	3/49		NC	0.316 J	0.409 J	0.260	0.260	0.350	0.143	0.130	0.054	0.24
1,3,5-TRIMETHYLBENZENE	36/49		NC	0.085 J	1.57	0.050	0.373	0.316	0.244	0.187	0.262	0.58
1,3-BUTADIENE	0/49		0.081			0.490	0.490		0.245	0.245	0.000000010	NA[1]
1,3-DICHLOROBENZENE	7/49		NC	0.090	0.838	0.090	0.230	0.333	0.089	0.045	0.152	0.18
1,4-DICHLOROBENZENE	9/48	5	0.22	0.162 J	0.732	0.090	0.212	0.406	0.115	0.045	0.170	0.53
2-BUTANONE	42/49		5200	0.480 J	15.2	0.330	0.330	1.74	1.51	1.09	2.18	3.13
ACETONE	47/49		32000	3.64	94.1	1.06	1.06	13.8	13.2	9.38	13.4	26.08
ACETONITRILE	17/49		63	0.393 J	7.09 J	0.380	0.380	1.43	0.619	0.190	1.11	2.41
ACETOPHENONE	13/47		NC	1.16 J	54.0	1.02	1.02	16.2	4.85	0.510	11.5	29.18
ACROLEIN	30/49	30	0.021	0.463 J	4.67	0.410	0.410	1.87	1.23	0.947	1.15	3.45
ACRYLONITRILE	2/49	2	0.036	0.344 J	0.424	0.200	0.200	0.384	0.112	0.100	0.057	0.10
BENZENE	48/49	47	0.31	0.276	5.07	0.103	0.103	1.07	1.05	0.796	0.791	2.12
BIS(2-CHLOROETHYL)ETHER	0/49		0.0074			0.160	0.160		0.080	0.080		NA[1]
BROMODICHLOROMETHANE	3/49	3	0.066	0.189 J	0.710	0.150	0.150	0.507	0.101	0.075	0.119	0.14
BROMOFORM	1/49		2.2	0.256 J	0.256 J	0.110	0.110	0.256	0.059	0.055	0.029	0.06
BROMOMETHANE	4/49		5.2	0.119 J	0.345	0.070	0.070	0.271	0.054	0.035	0.070	0.23
CARBON DISULFIDE	34/49		730	0.119 J	15.7 J	0.100	0.804	1.87	1.32	0.344	2.45	3.92
CARBON TETRACHLORIDE	47/49	47	0.16	0.324	0.988	0.130	0.749	0.610	0.594	0.596	0.148	0.82
CHLOROBENZENE	7/49		52	0.121 J	0.236	0.040	0.366	0.171	0.048	0.020	0.062	0.18
CHLORODIBROMOMETHANE	0/49		0.09			0.240	0.240		0.120	0.120		NA[1]
CHLOROETHANE	0/49		10000			0.110	0.110		0.055	0.055		NA[1]
CHLOROFORM	23/49	23	0.11	0.119 J	2.25	0.110	0.292	0.445	0.240	0.058	0.381	0.69
CHLOROMETHANE	46/49		94	0.712	15.1	0.070	0.070	1.84	1.73	1.56	2.01	2.15
CIS-1,2-DICHLOROETHENE	0/49		NC			0.090	0.090		0.045	0.045	0.000000001	NA[1]
CIS-1,3-DICHLOROPROPENE	2/49		0.61	0.089 J	0.103 J	0.040	0.040	0.096	0.023	0.020	0.015	0.02
CYCLOHEXANE	28/49		6300	0.119 J	30.9	0.110	0.110	1.82	1.06	0.180	4.40	2.31
DIBROMOMETHANE	1/49		NC	0.225 J	0.225 J	0.150	0.150	0.225	0.078	0.075	0.021	0.08
DICHLORODIFLUOROMETHANE	45/49		210	0.985	3.91	0.180	0.180	2.22	2.05	2.14	0.806	3.17
ETHYLBENZENE	44/49	4	0.97	0.159 J	4.23	0.030	0.541	0.667	0.609	0.456	0.666	1.75
HEXACHLOROBUTADIENE	14/49	14	0.11	0.264 J	1.72	0.240	1.88	0.661	0.307	0.120	0.358	1.17
HEXANE	45/49		730	0.223 J	46.4	0.170	0.170	6.50	5.97	0.841	12.4	37.70
ISOBUTANOL	10/49		NC	0.757 J	4.54	0.460	0.460	2.38	0.670	0.230	1.04	3.36
ISOPROPYLBENZENE	5/49		420	0.094 J	0.328	0.070	0.070	0.188	0.051	0.035	0.057	0.11
M+P-XYLENES	49/49		730	0.171 J	12.2			2.14	2.14	1.68	2.23	5.08
METHYL ACETATE	8/49		NC	0.279 J	0.865	0.270	0.270	0.443	0.185	0.135	0.139	0.43
METHYL CYCLOHEXANE	32/49		NC	0.097 J	43.2	0.080	0.080	1.80	1.19	0.147	6.16	1.00
METHYL TERT-BUTYL ETHER	20/49		9.4	0.238 J	2.33	0.170	0.170	0.734	0.350	0.085	0.447	1.23
METHYLENE CHLORIDE	42/49	1	5.2	0.302	8.11	0.080	0.080	0.728	0.630	0.477	1.12	1.11
O-XYLENE	44/49		730	0.211	3.53	0.060	0.775	0.769	0.710	0.560	0.593	1.86
PENTACHLOROETHANE	0/49		NC			0.250	0.250		0.125	0.125		NA[1]
STYRENE	25/49		1000	0.117 J	17.0	0.070	0.248	1.02	0.542	0.124	2.42	0.49
TETRACHLOROETHENE	22/49	22	0.41	1.47 J	48.2	1.45	1.45	4.60	2.47	0.725	6.75	3.36
TOLUENE	48/49		5200	0.485	53.6	0.253	0.253	3.73	3.66	2.35	7.41	6.20
TRANS-1,2-DICHLOROETHENE	1/49		63	0.208 J	0.208 J	0.110	0.110	0.208	0.058	0.055	0.022	0.06
TRANS-1,3-DICHLOROPROPENE	2/49		0.61	0.126 J	0.180 J	0.070	0.070	0.153	0.040	0.035	0.024	0.04
TRANS-1,4-DICHLORO-2-BUTENE	0/47		0.00058			0.170	0.170		0.085	0.085	0.000000002	NA[1]
TRICHLOROETHENE	10/49		1.2	0.079 J	0.541	0.080	0.310	0.235	0.082	0.040	0.103	0.27
TRICHLOROFLUOROMETHANE	48/49		730	0.874	2.32	0.310	0.310	1.55	1.52	1.56	0.346	1.95
VINYL ACETATE	7/49		210	0.238 J	3.27	0.110	0.110	1.68	0.287	0.055	0.675	2.06
VINYL CHLORIDE	0/49		0.16			0.070	0.070		0.035	0.035		NA[1]

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-6

STUDY AREA 04 - CARNEY PARK AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Semivolatile Organics (ug/m3)												
1,1-BIPHENYL	17/49		NC	0.0003 J	0.002 J	0.0003	0.0005	0.0008	0.0004	0.0002	0.0004	0.0011
1,2,4,5-TETRACHLOROBENZENE	0/49		NC			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
2,3,4,6-TETRACHLOROPHENOL	0/49		NC			0.003	0.004		0.002	0.002	0.0001	NA[1]
2,4,5-TRICHLOROPHENOL	2/49		NC	0.003 J	0.003 J	0.0008	0.001	0.003	0.0006	0.0005	0.0005	0.0005
2,4,6-TRICHLOROPHENOL	1/49		0.78	0.002 J	0.002 J	0.0005	0.0007	0.002	0.0003	0.0003	0.0002	0.0003
2,4-DICHLOROPHENOL	4/49		NC	0.0007 J	0.002 J	0.0005	0.0007	0.002	0.0004	0.0003	0.0004	0.0015
2,4-DIMETHYLPHENOL	18/49		NC	0.0006 J	0.021 J	0.0005	0.001	0.004	0.002	0.0003	0.004	0.0073
2,4-DINITROPHENOL	0/46		NC			0.003	0.003		0.001	0.002	0.0001	NA[1]
2,4-DINITROTOLUENE	0/49		0.027			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
2,6-DICHLOROPHENOL	3/49		NC	0.0006 J	0.003 J	0.0003	0.0003	0.002	0.0002	0.0002	0.0004	0.0004
2,6-DINITROTOLUENE	0/49		NC			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
2-CHLORONAPHTHALENE	1/49		NC	0.0007 J	0.0007 J	0.0003	0.0003	0.0007	0.0002	0.0002	0.00008	0.0002
2-CHLOROPHENOL	0/49		NC			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
2-METHYLNAPHTHALENE	8/49		NC	0.0004 J	0.002 J	0.0003	0.0007	0.0009	0.0003	0.0002	0.0004	0.0010
2-METHYLPHENOL	15/49		626	0.001 J	0.012 J	0.0003	0.001	0.004	0.001	0.0002	0.002	0.0071
2-NITROPHENOL	2/49		NC	0.0006 J	0.001 J	0.0005	0.0007	0.0009	0.0003	0.0003	0.0001	0.0003
3&4-METHYLPHENOL	16/49		NC	0.002 J	0.042	0.002	0.004	0.013	0.005	0.001	0.009	0.0242
3-NITROANILINE	0/49		NC			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
4,6-DINITRO-2-METHYLPHENOL	0/49		NC			0.001	0.002		0.0007	0.0008	0.00005	NA[1]
4-BROMOPHENYL PHENYL ETHER	0/49		NC			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
4-CHLORO-3-METHYLPHENOL	4/49		NC	0.003 J	0.006 J	0.0005	0.0007	0.004	0.0006	0.0003	0.001	0.0034
4-CHLOROANILINE	0/49		NC			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
4-NITROANILINE	0/49		6.3			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
4-NITROPHENOL	0/48		NC			0.0008	0.001		0.0004	0.0005	0.00003	NA[1]
ACENAPHTHENE	1/49		NC	0.0009 J	0.0009 J	0.0003	0.0003	0.0009	0.0002	0.0002	0.0001	0.0002
ACENAPHTHYLENE	9/49		NC	0.0003 J	0.001	0.0003	0.0003	0.0007	0.0003	0.0002	0.0003	0.0008
ANILINE	0/49		1			0.0003	0.003		0.0002	0.0002	0.0002	NA[1]
ANTHRACENE	8/49		NC	0.0003 J	0.003 J	0.0003	0.0003	0.001	0.0003	0.0002	0.0005	0.0011
ATRAZINE	0/49		NC			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
BENZO(A)ANTHRACENE	6/49		0.0087	0.0003 J	0.002	0.0003	0.0003	0.0007	0.0002	0.0002	0.0003	0.0005
BENZO(A)PYRENE	2/49	1	0.00087	0.0004 J	0.001	0.0002	0.0003	0.0009	0.0002	0.0001	0.0002	0.0001
BENZO(B)FLUORANTHENE	1/49		0.0087	0.005	0.005	0.0005	0.0007	0.005	0.0004	0.0003	0.0006	0.0003
BENZO(G,H,I)PERYLENE	3/49		NC	0.0007 J	0.003	0.0003	0.0003	0.002	0.0002	0.0002	0.0004	0.0005
BENZO(K)FLUORANTHENE	2/49		0.0087	0.0007 J	0.002 J	0.0005	0.0007	0.001	0.0003	0.0003	0.0002	0.0003
BIS(2-ETHYLHEXYL)PHTHALATE	27/49	1	1	0.004 J	5.66	0.0003	0.103	0.242	0.139	0.016	0.806	0.0687
BUTYL BENZYL PHTHALATE	4/49		NC	0.0006 J	0.075	0.0003	0.005	0.019	0.002	0.0002	0.011	0.0015
CARBAZOLE	0/49		NC			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
CHRYSENE	9/49		0.087	0.0004 J	0.004 J	0.0003	0.0003	0.001	0.0003	0.0002	0.0006	0.0010
DI-N-BUTYL PHTHALATE	17/49		NC	0.005 J	0.163	0.0003	0.032	0.044	0.019	0.007	0.032	0.0618
DI-N-OCTYL PHTHALATE	1/49		NC	0.001 J	0.001 J	0.0005	0.0007	0.001	0.0003	0.0003	0.0002	0.0003
DIBENZO(A,H)ANTHRACENE	0/49		0.0008			0.0002	0.0002		0.0001	0.0001	0.000007	NA[1]
DIBENZOFURAN	20/49		NC	0.0004 J	0.008 J	0.0003	0.0003	0.002	0.001	0.0002	0.002	0.0045
DIETHYL PHTHALATE	16/49		NC	0.002 J	0.007 J	0.0003	0.013	0.004	0.002	0.002	0.002	0.0065
DIMETHYL PHTHALATE	12/49		NC	0.0003 J	0.003 J	0.0003	0.0003	0.001	0.0004	0.0002	0.0006	0.0017
DIPHENYLAMINE	2/49		NC	0.001 J	0.002 J	0.0003	0.005	0.001	0.0003	0.0002	0.0004	0.0010
FLUORANTHENE	37/49		NC	0.0003 J	0.004 J	0.0003	0.0003	0.001	0.001	0.0008	0.0010	0.0032
FLUORENE	20/49		NC	0.0003 J	0.003 J	0.0003	0.0004	0.002	0.0008	0.0002	0.0009	0.0028
HEXACHLOROBENZENE	0/49		0.0053			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
HEXACHLOROCYCLOPENTADIENE	0/49		0.21			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
HEXACHLOROETHANE	0/49		0.61			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
INDENO(1,2,3-CD)PYRENE	0/49		0.0087			0.001	0.002		0.0007	0.0008	0.00005	NA[1]
NAPHTHALENE	16/49		0.072	0.0003 J	0.003 J	0.0003	0.002	0.0008	0.0005	0.0003	0.0005	0.0010
NITROBENZENE	0/49		0.061			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
O-TOLUIDINE	0/49		0.048			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
PENTACHLOROBENZENE	0/49		NC			0.0003	0.0003		0.0001	0.0002	0.00001	NA[1]
PENTACHLOROPHENOL	0/49		0.48			0.0008	0.001		0.0004	0.0005	0.00003	NA[1]
PHENANTHRENE	39/49		NC	0.0010	0.015	0.0003	0.003	0.005	0.004	0.003	0.004	0.0134
PHENOL	13/49		210	0.0009 J	0.011 J	0.0003	0.007	0.004	0.001	0.0002	0.002	0.0046
PYRENE	40/49		NC	0.0003 J	0.003 J	0.0003	0.0003	0.001	0.0009	0.0008	0.0008	0.0026

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-6

STUDY AREA 04 - CARNEY PARK AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Dioxins/Furans (ng/m3)												
1,2,3,4,6,7,8,9-OCDD	7/48		0.21	0.00004 J	0.002	0.00002	0.0002	0.0006	0.0001	0.00003	0.0003	0.00051
1,2,3,4,6,7,8,9-OCDF	10/48		0.21	0.00003 J	0.002	0.000006	0.0003	0.0003	0.00008	0.00001	0.0003	0.00022
1,2,3,4,6,7,8-HPCDD	10/48		0.0064	0.00002 J	0.002	0.000007	0.00007	0.0003	0.00007	0.00001	0.0002	0.00024
1,2,3,4,6,7,8-HPCDF	16/48		0.0064	0.00001 J	0.003	0.000008	0.0001	0.0004	0.0001	0.00002	0.0004	0.00045
1,2,3,4,7,8,9-HPCDF	22/48		0.0064	0.000001 J	0.0004	0.000001	0.00002	0.00004	0.00002	0.000004	0.00006	0.00005
1,2,3,4,7,8-HXCDD	11/45		0.00064	0.000002 J	0.00008	0.0000009	0.00001	0.00001	0.000004	0.000001	0.00001	0.00002
1,2,3,4,7,8-HXCDF	20/48	1	0.00064	0.000010 J	0.0009	0.000003	0.00003	0.00010	0.00004	0.000007	0.0001	0.00017
1,2,3,6,7,8-HXCDD	11/47		0.00064	0.000003 J	0.0003	0.000001	0.00001	0.00004	0.00001	0.000002	0.00004	0.00004
1,2,3,6,7,8-HXCDF	18/48		0.00064	0.000007 J	0.0005	0.000002	0.00002	0.00005	0.00002	0.000004	0.00007	0.00008
1,2,3,7,8,9-HXCDD	10/46		0.00064	0.000002 J	0.0002	0.0000006	0.00002	0.00003	0.000008	0.000002	0.00003	0.00003
1,2,3,7,8,9-HXCDF	8/42		0.00064	0.000001 J	0.00002	0.000001	0.000009	0.000007	0.000002	0.000001	0.000005	0.00001
1,2,3,7,8-PECDD	6/44	1	0.000064	0.000002 J	0.00008	0.000001	0.00002	0.00002	0.000005	0.000002	0.00001	0.00001
1,2,3,7,8-PECDF	18/48		0.0021	0.000005 J	0.0002	0.000002	0.00002	0.00004	0.00002	0.000005	0.00004	0.00005
2,3,4,6,7,8-HXCDF	26/48	1	0.00064	0.000004 J	0.0007	0.000002	0.00002	0.00005	0.00003	0.000008	0.0001	0.00009
2,3,4,7,8-PECDF	12/48	1	0.00021	0.000009 J	0.0004	0.000003	0.00002	0.00007	0.00002	0.000006	0.00005	0.00006
2,3,7,8-TCDD	10/46		0.000064	0.000003 J	0.00004 J	0.000001	0.000009	0.00001	0.000004	0.000002	0.000008	0.00001
2,3,7,8-TCDF	10/47		0.00064	0.000008 J	0.0001	0.000004	0.00003	0.00003	0.00001	0.000005	0.00002	0.00003
TEQ	37/48	4	0.000064	0.00000001	0.0006	0.000001	0.000008	0.00003	0.00003	0.000006	0.00008	0.00009
TOTAL HPCDD	30/47		NC	0.00002 J	0.004	0.00001	0.0001	0.0003	0.0002	0.00004	0.0005	0.00050
TOTAL HPCDF	25/48		NC	0.00002 J	0.004	0.00001	0.0002	0.0004	0.0002	0.00004	0.0007	0.00071
TOTAL HXCDD	38/48		NC	0.000006 J	0.004	0.000005	0.00006	0.0002	0.0002	0.00006	0.0006	0.00061
TOTAL HXCDF	35/48		NC	0.00003 J	0.006	0.00002	0.0001	0.0004	0.0003	0.00006	0.0009	0.00095
TOTAL PECDD	35/46		NC	0.00001 J	0.003	0.000001	0.00009	0.0002	0.0001	0.00004	0.0004	0.00043
TOTAL PECDF	42/48		NC	0.000007 J	0.004	0.00002	0.0001	0.0003	0.0002	0.00009	0.0006	0.00086
TOTAL TCDD	32/48		NC	0.00002 J	0.001	0.000009	0.0001	0.0001	0.0001	0.00005	0.0002	0.00026
TOTAL TCDF	43/48		NC	0.00004 J	0.003	0.00002	0.0003	0.0003	0.0003	0.0002	0.0004	0.00059
Inorganics (ug/m3)												
ALUMINUM	33/48		5.2	0.038	0.856	0.012	1.16	0.193	0.164	0.099	0.187	0.542
ANTIMONY	0/48		NC			0.004	0.010		0.003	0.003	0.0005	NA[1]
ARSENIC	30/48	21	0.00057	0.0003	0.015	0.0002	0.0005	0.002	0.001	0.0003	0.003	0.007
BARIUM	27/48		0.52	0.003	0.037	0.002	0.189	0.008	0.007	0.004	0.014	0.014
BERYLLIUM	0/48		0.001			0.0001	0.0003		0.00010	0.00009	0.00002	NA[1]
CADMIUM	9/48		0.0014	0.0002	0.0004	0.0001	0.0003	0.0003	0.0001	0.0001	0.00008	0.000
CHROMIUM	17/48	17	0.0002	0.0005	0.010 J	0.0004	0.006	0.002	0.001	0.0009	0.002	0.005
COBALT	12/48	3	0.00027	0.0001	0.0005	0.0001	0.0005	0.0002	0.0001	0.00007	0.00010	0.000
COPPER	0/48		NC			0.438	1.04		0.296	0.294	0.045	NA[1]
IRON	0/48		NC			8.80	20.8		5.92	5.91	0.902	NA[1]
LEAD	39/48		NC	0.001	0.016	0.001	0.010	0.005	0.004	0.004	0.003	0.010
MANGANESE	21/48		0.052	0.0005	0.019	0.0002	0.020	0.006	0.004	0.003	0.004	0.011
MERCURY	0/48		0.31			0.0007	0.009		0.0006	0.002	0.0006	NA[1]
NICKEL	0/48		0.0094			0.220	0.520		0.148	0.148	0.023	NA[1]
SELENIUM	0/48		21			0.044	0.104		0.030	0.029	0.005	NA[1]
SILVER	0/48		NC			0.044	0.104		0.030	0.029	0.005	NA[1]
THALLIUM	3/48		NC	0.002	0.003	0.0009	0.003	0.003	0.0007	0.0006	0.0005	0.002
TIN	18/48		NC	0.0002	0.006	0.0002	0.010	0.002	0.001	0.0008	0.001	0.004
VANADIUM	1/48		NC	0.018	0.018	0.009	0.021	0.018	0.006	0.006	0.002	0.007
ZINC	0/48		NC			2.20	5.20		1.48	1.48	0.226	NA[1]
Miscellaneous Parameters (ug/m3)												
PM10µ 24-HOUR CONCENTRATIONS	47/48		150	10.0	103	5.76	5.76	31.5	30.9	28.3	17.7	58.1
Vapor Phase Mercury (ug/m3)												
MERCURY	42/49		0.31	0.0004 J	0.010 J	0.00006	0.008	0.003	0.003	0.002	0.002	0.007

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-6

STUDY AREA 04 - CARNEY PARK AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Aldehydes (ug/m3)												
ACETALDEHYDE	43/49	16	1.1	0.200	5.35	0.115	1.19	1.11	1.01	0.750	0.903	2.63
BENZALDEHYDE	41/49		NC	0.082 J	15.9 J	0.014	0.719	0.637	0.549	0.297	1.17	0.81
BUTYRALDEHYDE	38/49		NC	0.055 J	1.92	0.026	0.111	0.282	0.222	0.137	0.303	0.68
CROTONALDEHYDE	8/49		NC	0.021 J	0.257	0.013	0.017	0.108	0.024	0.007	0.047	0.11
FORMALDEHYDE	47/49	47	0.19	0.297 J	16.9	1.79	2.94	2.53	2.48	1.74	2.52	5.55
HEXALDEHYDE	32/49		NC	0.051 J	0.689 J	0.020	0.174	0.241	0.165	0.127	0.156	0.47
M-TOLUALDEHYDE	24/49		NC	0.042 J	0.527	0.013	0.175	0.272	0.142	0.046	0.163	0.47
METHACRYLALDEHYDE	21/49		NC	0.027 J	0.626	0.013	0.015	0.133	0.061	0.007	0.108	0.28
N-VALERALDEHYDE	30/49		NC	0.018 J	0.392 J	0.013	0.014	0.114	0.072	0.026	0.091	0.29
PROPIONALDEHYDE	42/49		8.3	0.027 J	1.70	0.007	0.354	0.194	0.177	0.113	0.249	0.51
Pesticides/PCBs (ug/m3)												
4,4'-DDD	0/49		0.035			0.0004	0.0005		0.0002	0.0002	0.00001	NA[1]
4,4'-DDE	0/49		0.025			0.0004	0.0005		0.0002	0.0002	0.00002	NA[1]
4,4'-DDT	0/49		0.025			0.0009	0.001		0.0005	0.0005	0.00003	NA[1]
ALDRIN	0/49		0.0005			0.0010	0.001		0.0006	0.0006	0.00004	NA[1]
ALPHA-BHC	0/49		0.0014			0.0003	0.0004		0.0002	0.0002	0.00001	NA[1]
ALPHA-CHLORDANE	0/49		0.024			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
AROCLOR-1016	0/49		0.12			0.0001	0.014		0.006	0.006	0.001	NA[1]
AROCLOR-1221	0/49		0.0043			0.0001	0.014		0.006	0.006	0.001	NA[1]
AROCLOR-1232	0/49		0.0043			0.0001	0.014		0.006	0.006	0.001	NA[1]
AROCLOR-1242	0/49		0.0043			0.0001	0.014		0.006	0.006	0.001	NA[1]
AROCLOR-1248	0/49		0.0043			0.0001	0.014		0.006	0.006	0.001	NA[1]
AROCLOR-1254	0/49		0.0043			0.0001	0.014		0.006	0.006	0.001	NA[1]
AROCLOR-1260	0/49		0.0043			0.0001	0.014		0.006	0.006	0.001	NA[1]
BETA-BHC	0/49		0.0046			0.0002	0.0002		0.00009	0.00009	0.000006	NA[1]
DELTA-BHC	0/49		0.0014			0.0006	0.0008		0.0003	0.0003	0.00002	NA[1]
DIELDRIN	0/49		0.00053			0.0007	0.0009		0.0004	0.0004	0.00003	NA[1]
ENDOSULFAN I	0/49		NC			0.001	0.002		0.0007	0.0007	0.00005	NA[1]
ENDOSULFAN II	0/49		NC			0.0005	0.0006		0.0003	0.0003	0.00002	NA[1]
ENDOSULFAN SULFATE	0/49		NC			0.001	0.001		0.0006	0.0006	0.00004	NA[1]
ENDRIN	0/49		NC			0.0004	0.0005		0.0002	0.0002	0.00001	NA[1]
ENDRIN ALDEHYDE	0/49		NC			0.0002	0.0003		0.0001	0.0001	0.000009	NA[1]
GAMMA-BHC (LINDANE)	0/49		0.0078			0.0004	0.0005		0.0002	0.0002	0.00002	NA[1]
GAMMA-CHLORDANE	0/49		0.024			0.001	0.002		0.0008	0.0008	0.00005	NA[1]
HEPTACHLOR	0/49		0.0019			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
HEPTACHLOR EPOXIDE	0/49		0.00094			0.0006	0.0008		0.0003	0.0004	0.00002	NA[1]
METHOXYCHLOR	0/49		NC			0.002	0.002		0.001	0.001	0.00007	NA[1]
PENTACHLORONITROBENZENE	0/49		NC			0.0003	0.0007		0.0003	0.0003	0.00005	NA[1]
TOXAPHENE	0/49		0.0076			0.0010	0.125		0.051	0.056	0.014	NA[1]

Footnotes:
(1) The parameter was not detected in any of the samples. Therefore a 95th percentile was not appropriate.

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-7

STUDY AREA 05 - RECEIVER SITE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Volatile Organics (ug/m3)												
1,1,1,2-TETRACHLOROETHANE	1/49		0.33	0.201 J	0.201 J	0.180	0.180	0.201	0.092	0.090	0.016	0.09
1,1,1-TRICHLOROETHANE	10/49		5200	0.152 J	0.332	0.150	0.196	0.222	0.106	0.075	0.064	0.246
1,1,2,2-TETRACHLOROETHANE	7/49	7	0.042	0.157	0.405	0.040	0.178	0.271	0.057	0.020	0.096	0.311
1,1,2-TRICHLOROETHANE	2/49	1	0.15	0.117 J	0.183 J	0.080	0.080	0.150	0.044	0.040	0.023	0.040
1,1,2-TRICHLOROTRIFLUOROETHANE	44/49		31000	0.422	1.27	0.080	0.818	0.727	0.665	0.699	0.252	0.946
1,1-DICHLOROETHANE	3/49		1.5	0.072 J	0.142 J	0.050	0.095	0.107	0.030	0.025	0.021	0.062
1,1-DICHLOROETHENE	4/49		210	0.104 J	0.263 J	0.100	0.100	0.163	0.059	0.050	0.036	0.114
1,2,3-TRICHLOROBENZENE	6/46		NC	0.424 J	5.12 J	0.400	0.400	2.81	0.541	0.200	1.11	3.375
1,2,3-TRICHLOROPROPANE	0/49		NC			0.070	0.070		0.035	0.035		NA[1]
1,2,4-TRICHLOROBENZENE	12/47	4	2.1	0.346 J	7.44 J	0.190	1.63	2.33	0.719	0.095	1.51	4.62
1,2,4-TRIMETHYLBENZENE	42/49		7.3	0.240	3.02	0.050	0.187	0.755	0.652	0.569	0.569	1.48
1,2-DIBROMO-3-CHLOROPROPANE	1/46	1	0.00016	0.254	0.254	0.100	0.100	0.254	0.054	0.050	0.030	0.05
1,2-DIBROMOETHANE	2/49	2	0.0041	0.191 J	0.247	0.120	0.180	0.219	0.067	0.060	0.032	0.08
1,2-DICHLOROBENZENE	11/49		210	0.161 J	0.859	0.100	0.295	0.331	0.118	0.050	0.158	0.54
1,2-DICHLOROETHANE	10/49	10	0.094	0.107 J	0.392	0.100	0.100	0.196	0.080	0.050	0.068	0.20
1,2-DICHLOROPROPANE	36/49	34	0.24	0.166 J	26.4	0.090	0.090	3.22	2.38	0.538	4.27	7.77
1,2-DICHLOROTETRAFLUOROETHANE	5/49		NC	0.274 J	0.465 J	0.260	0.260	0.356	0.153	0.130	0.073	0.33
1,3,5-TRIMETHYLBENZENE	33/49		NC	0.050	0.873	0.050	0.328	0.267	0.191	0.146	0.182	0.53
1,3-BUTADIENE	4/49	4	0.081	0.515 J	0.809 J	0.490	0.490	0.678	0.280	0.245	0.125	0.57
1,3-DICHLOROBENZENE	11/49		NC	0.120 J	0.803	0.090	0.278	0.270	0.098	0.045	0.131	0.30
1,4-DICHLOROBENZENE	11/48	7	0.22	0.112 J	0.735	0.090	0.275	0.322	0.112	0.045	0.145	0.46
2-BUTANONE	44/49		5200	0.603 J	13.6	0.330	0.330	2.57	2.32	1.48	2.61	7.23
ACETONE	49/49		32000	3.51	48.8			14.7	14.7	12.0	9.04	31.04
ACETONITRILE	28/49		63	0.326 J	3.82	0.380	0.380	1.01	0.657	0.394	0.797	2.17
ACETOPHENONE	13/47		NC	1.08 J	59.3 J	1.02	1.02	15.6	4.69	0.510	11.3	25.55
ACROLEIN	34/49	34	0.021	0.476 J	8.47	0.410	0.410	2.38	1.72	1.46	1.68	4.37
ACRYLONITRILE	4/49	4	0.036	0.322 J	0.615	0.200	0.200	0.442	0.128	0.100	0.099	0.37
BENZENE	48/49	46	0.31	0.268	8.34	0.440	0.440	1.55	1.52	1.12	1.37	3.48
BIS(2-CHLOROETHYL)ETHER	0/49		0.0074			0.160	0.160		0.080	0.080		NA[1]
BROMODICHLOROMETHANE	4/49	4	0.066	0.153 J	0.758	0.150	0.150	0.311	0.094	0.075	0.091	0.18
BROMOFORM	0/49		2.2			0.110	0.110		0.055	0.055		NA[1]
BROMOMETHANE	8/49		5.2	0.133 J	0.931	0.070	0.070	0.319	0.081	0.035	0.146	0.30
CARBON DISULFIDE	36/49		730	0.121 J	51.9	0.100	0.969	3.67	2.72	0.576	7.70	9.63
CARBON TETRACHLORIDE	47/49	47	0.16	0.319	1.17	0.543	0.739	0.655	0.641	0.625	0.171	0.91
CHLOROBENZENE	8/49		52	0.115 J	0.316	0.040	0.364	0.170	0.049	0.020	0.065	0.18
CHLORODIBROMOMETHANE	0/49		0.09			0.240	0.240		0.120	0.120		NA[1]
CHLOROETHANE	3/49		10000	0.118 J	0.268 J	0.110	0.110	0.203	0.064	0.055	0.039	0.09
CHLOROFORM	16/49	15	0.11	0.093 J	0.311	0.110	0.238	0.209	0.108	0.055	0.081	0.27
CHLOROMETHANE	48/49		94	0.762	6.23	0.070	0.070	1.70	1.66	1.56	0.794	2.46
CIS-1,2-DICHLOROETHENE	2/49		NC	0.118 J	0.350	0.090	0.090	0.234	0.053	0.045	0.045	0.05
CIS-1,3-DICHLOROPROPENE	13/49	5	0.61	0.097 J	2.28	0.040	0.040	0.618	0.179	0.020	0.418	1.05
CYCLOHEXANE	37/49		6300	0.144 J	6.73	0.110	0.110	1.03	0.793	0.394	1.26	3.46
DIBROMOMETHANE	3/49		NC	0.186 J	0.253 J	0.150	0.150	0.212	0.083	0.075	0.034	0.14
DICHLORODIFLUOROMETHANE	49/49		210	1.09	7.70			2.36	2.36	2.25	0.946	3.19
ETHYLBENZENE	43/49	8	0.97	0.131 J	3.60	0.030	0.867	0.693	0.625	0.466	0.588	1.54
HEXACHLOROBUTADIENE	14/49	14	0.11	0.240	1.42	0.240	1.85	0.497	0.266	0.120	0.248	0.70
HEXANE	43/49		730	0.267 J	146	0.170	0.170	5.93	5.21	0.660	20.8	9.98
ISOBUTANOL	10/49		NC	0.767 J	13.9	0.460	0.460	3.46	0.889	0.230	2.16	2.73
ISOPROPYLBENZENE	5/49		420	0.111 J	0.360	0.070	0.070	0.211	0.053	0.035	0.057	0.23
M+P-XYLENES	48/49		730	0.319	11.5	0.896	0.896	2.16	2.13	1.53	1.91	5.06
METHYL ACETATE	18/49		NC	0.279 J	1.57	0.270	0.270	0.622	0.314	0.135	0.330	1.14
METHYL CYCLOHEXANE	22/49		NC	0.108 J	8.91	0.080	0.080	0.785	0.374	0.040	1.27	0.86
METHYL TERT-BUTYL ETHER	23/49		9.4	0.236 J	1.82	0.170	0.170	0.685	0.367	0.085	0.391	1.15
METHYLENE CHLORIDE	46/49	2	5.2	0.244	11.3	0.080	0.080	1.17	1.10	0.653	1.90	2.23
O-XYLENE	45/49		730	0.147 J	4.05	0.060	0.465	0.787	0.732	0.555	0.664	1.73
PENTACHLOROETHANE	0/49		NC			0.250	0.250		0.125	0.125		NA[1]
STYRENE	30/49		1000	0.126 J	2.33	0.070	0.409	0.520	0.337	0.230	0.407	0.82
TETRACHLOROETHENE	25/49	25	0.41	1.32 J	15.4	1.45	1.45	3.61	2.20	1.32	2.50	5.95
TOLUENE	48/49		5200	0.477	19.1	1.19	1.19	3.41	3.35	2.62	2.98	8.09
TRANS-1,2-DICHLOROETHENE	2/49		63	0.124 J	0.220 J	0.110	0.110	0.172	0.060	0.055	0.025	0.06
TRANS-1,3-DICHLOROPROPENE	10/49	4	0.61	0.119 J	1.91	0.070	0.070	0.685	0.168	0.035	0.369	0.91
TRANS-1,4-DICHLORO-2-BUTENE	0/47		0.00058			0.170	0.170		0.085	0.085	0.000000002	NA[1]
TRICHLOROETHENE	12/49		1.2	0.114 J	0.723	0.080	0.191	0.273	0.098	0.040	0.126	0.30
TRICHLOROFLUOROMETHANE	49/49		730	0.940	3.11			1.69	1.69	1.68	0.381	2.41
VINYL ACETATE	7/49		210	1.09 J	4.49	0.110	0.110	2.36	0.384	0.055	0.923	3.04
VINYL CHLORIDE	1/49	1	0.16	0.201	0.201	0.070	0.070	0.201	0.038	0.035	0.024	0.04

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-7

STUDY AREA 05 - RECEIVER SITE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Semivolatile Organics (ug/m3)												
1,1-BIPHENYL	25/49		NC	0.0003 J	0.006 J	0.0003	0.0009	0.001	0.0008	0.0004	0.001	0.004
1,2,4,5-TETRACHLOROBENZENE	0/48		NC			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
2,3,4,6-TETRACHLOROPHENOL	0/46		NC			0.003	0.005		0.002	0.002	0.0002	NA[1]
2,4,5-TRICHLOROPHENOL	2/46		NC	0.006 J	0.007 J	0.0008	0.001	0.006	0.0007	0.0005	0.001	0.001
2,4,6-TRICHLOROPHENOL	2/46		0.78	0.006 J	0.009 J	0.0005	0.0008	0.008	0.0006	0.0003	0.002	0.000
2,4-DICHLOROPHENOL	4/47		NC	0.0009 J	0.010 J	0.0005	0.0008	0.006	0.0008	0.0003	0.002	0.004
2,4-DIMETHYLPHENOL	20/49		NC	0.0005 J	0.047	0.0005	0.001	0.009	0.004	0.0004	0.009	0.022
2,4-DINITROPHENOL	0/42		NC			0.003	0.004		0.002	0.002	0.0001	NA[1]
2,4-DINITROTOLUENE	0/48		0.027			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
2,6-DICHLOROPHENOL	5/47		NC	0.0004 J	0.007 J	0.0003	0.0004	0.003	0.0005	0.0002	0.001	0.002
2,6-DINITROTOLUENE	0/48		NC			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
2-CHLORONAPHTHALENE	1/48		NC	0.001	0.001	0.0003	0.0004	0.001	0.0002	0.0002	0.0002	0.000
2-CHLOROPHENOL	0/46		NC			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
2-METHYLNAPHTHALENE	12/48		NC	0.0003 J	0.003 J	0.0003	0.0010	0.001	0.0004	0.0002	0.0007	0.002
2-METHYLPHENOL	21/47		626	0.0006 J	0.055	0.0003	0.002	0.009	0.004	0.0002	0.011	0.028
2-NITROPHENOL	4/47		NC	0.0006 J	0.004 J	0.0005	0.0008	0.002	0.0005	0.0003	0.0007	0.001
3&4-METHYLPHENOL	22/47		NC	0.002 J	0.126	0.002	0.005	0.026	0.013	0.002	0.027	0.075
3-NITROANILINE	1/48		NC	0.003 J	0.003 J	0.0003	0.0004	0.003	0.0002	0.0002	0.0004	0.000
4,6-DINITRO-2-METHYLPHENOL	0/46		NC			0.001	0.002		0.0008	0.0008	0.00008	NA[1]
4-BROMOPHENYL PHENYL ETHER	0/48		NC			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
4-CHLORO-3-METHYLPHENOL	5/46		NC	0.001 J	0.016 J	0.0005	0.0008	0.008	0.001	0.0003	0.003	0.007
4-CHLOROANILINE	0/48		NC			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
4-NITROANILINE	0/48		6.3			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
4-NITROPHENOL	2/43		NC	0.003 J	0.004 J	0.0008	0.001	0.004	0.0006	0.0005	0.0007	0.0006
ACENAPHTHENE	5/48		NC	0.0008 J	0.002 J	0.0003	0.0004	0.001	0.0003	0.0002	0.0004	0.0014
ACENAPHTHYLENE	22/48		NC	0.0004 J	0.017	0.0003	0.0004	0.003	0.001	0.0002	0.003	0.0067
ANILINE	0/47		1			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
ANTHRACENE	15/48		NC	0.0002 J	0.004 J	0.0003	0.0004	0.002	0.0006	0.0002	0.0009	0.0028
ATRAZINE	0/48		NC			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
BENZO(A)ANTHRACENE	9/48		0.0087	0.0004 J	0.003	0.0003	0.0004	0.001	0.0004	0.0002	0.0007	0.0017
BENZO(A)PYRENE	18/48	6	0.00087	0.0002 J	0.004	0.0002	0.0003	0.001	0.0005	0.0001	0.0008	0.0024
BENZO(B)FLUORANTHENE	4/48		0.0087	0.0009 J	0.003	0.0005	0.0008	0.002	0.0005	0.0003	0.0006	0.0012
BENZO(G,H,I)PERYLENE	8/48		NC	0.0009 J	0.003	0.0003	0.0004	0.002	0.0004	0.0002	0.0007	0.0020
BENZO(K)FLUORANTHENE	7/48		0.0087	0.0006 J	0.003 J	0.0005	0.0008	0.002	0.0005	0.0003	0.0005	0.0016
BIS(2-ETHYLHEXYL)PHTHALATE	24/49		1	0.004 J	0.049	0.004	0.087	0.019	0.017	0.013	0.013	0.0448
BUTYL BENZYL PHTHALATE	7/48		NC	0.002 J	0.012 J	0.0003	0.014	0.007	0.001	0.0002	0.003	0.0088
CARBAZOLE	1/48		NC	0.0002 J	0.0003 J	0.0003	0.0004	0.0002	0.0002	0.0002	0.00002	0.0002
CHRYSENE	26/49		0.087	0.0002 J	0.007 J	0.0003	0.0004	0.001	0.0008	0.0002	0.001	0.0036
DI-N-BUTYL PHTHALATE	21/49		NC	0.006 J	0.167	0.0003	0.165	0.042	0.024	0.012	0.033	0.0884
DI-N-OCTYL PHTHALATE	1/48		NC	0.002 J	0.002 J	0.0005	0.0008	0.002	0.0004	0.0003	0.0003	0.0004
DIBENZO(A,H)ANTHRACENE	0/48		0.0008			0.0002	0.0003		0.0001	0.0001	0.00001	NA[1]
DIBENZOFURAN	30/48		NC	0.0004 J	0.020 J	0.0003	0.0004	0.004	0.003	0.0009	0.005	0.0141
DIETHYL PHTHALATE	17/49		NC	0.002 J	0.165 J	0.0003	0.037	0.011	0.005	0.003	0.013	0.0147
DIMETHYL PHTHALATE	8/48		NC	0.0003 J	0.0009 J	0.0003	0.0004	0.0006	0.0002	0.0002	0.0002	0.0006
DIPHENYLAMINE	1/48		NC	0.0006 J	0.0006 J	0.0003	0.003	0.0006	0.0003	0.0002	0.0003	0.0011
FLUORANTHENE	46/49		NC	0.0006 J	0.011 J	0.0003	0.0003	0.003	0.003	0.002	0.002	0.0078
FLUORENE	30/48		NC	0.0004 J	0.015 J	0.0003	0.0009	0.003	0.002	0.0008	0.003	0.0083
HEXACHLOROBENZENE	0/48		0.0053			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
HEXACHLOROCYCLOPENTADIENE	0/48		0.21			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
HEXACHLOROETHANE	0/48		0.61			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
INDENO(1,2,3-CD)PYRENE	2/48		0.0087	0.003 J	0.004	0.001	0.002	0.003	0.0009	0.0008	0.0005	0.0010
NAPHTHALENE	20/49		0.072	0.0003 J	0.006 J	0.0003	0.002	0.001	0.0008	0.0005	0.001	0.0030
NITROBENZENE	2/48		0.061	0.0002 J	0.0006 J	0.0003	0.0004	0.0004	0.0002	0.0002	0.00007	0.0002
O-TOLUIDINE	0/48		0.048			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
PENTACHLOROBENZENE	0/48		NC			0.0003	0.0004		0.0002	0.0002	0.00002	NA[1]
PENTACHLOROPHENOL	0/46		0.48			0.0008	0.001		0.0005	0.0005	0.00005	NA[1]
PHENANTHRENE	46/49		NC	0.0010	0.047	0.0003	0.003	0.010	0.009	0.007	0.009	0.0288
PHENOL	18/46		210	0.001 J	0.079	0.0003	0.004	0.015	0.006	0.0003	0.015	0.0433
PYRENE	44/49		NC	0.0004 J	0.010 J	0.0003	0.0003	0.002	0.002	0.002	0.002	0.0071

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J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-7

STUDY AREA 05 - RECEIVER SITE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Dioxins/Furans (ng/m3)												
1,2,3,4,6,7,8,9-OCDD	27/48		0.21	0.00004 J	0.006	0.00002	0.0005	0.0010	0.0006	0.0002	0.0010	0.00166
1,2,3,4,6,7,8,9-OCDF	33/48		0.21	0.00003 J	0.008	0.000007	0.0002	0.0008	0.0006	0.0002	0.001	0.00147
1,2,3,4,6,7,8-HPCDD	38/49		0.0064	0.00006 J	0.005	0.000009	0.00007	0.0006	0.0005	0.0002	0.0008	0.00133
1,2,3,4,6,7,8-HPCDF	44/49	1	0.0064	0.00003 J	0.009	0.000010	0.00006	0.0010	0.0009	0.0004	0.001	0.00248
1,2,3,4,7,8,9-HPCDF	39/49		0.0064	0.000005 J	0.002	0.000002	0.00004	0.0002	0.0001	0.00005	0.0003	0.00032
1,2,3,4,7,8-HXCDD	32/49		0.00064	0.000002 J	0.0003	0.000001	0.00004	0.00004	0.00003	0.00001	0.00005	0.00009
1,2,3,4,7,8-HXCDF	44/49	5	0.00064	0.000006 J	0.003	0.000009	0.00005	0.0003	0.0003	0.00010	0.0005	0.00077
1,2,3,6,7,8-HXCDD	36/49	1	0.00064	0.000003 J	0.0008	0.000001	0.00004	0.00009	0.00007	0.00003	0.0001	0.00018
1,2,3,6,7,8-HXCDF	41/49	2	0.00064	0.00001 J	0.001	0.000004	0.00006	0.0002	0.0002	0.00007	0.0002	0.00042
1,2,3,7,8,9-HXCDD	33/49		0.00064	0.000002 J	0.0006	0.000001	0.00004	0.00007	0.00005	0.00003	0.00009	0.00016
1,2,3,7,8,9-HXCDF	27/49		0.00064	0.000002 J	0.0001 J	0.000002	0.000008	0.00003	0.00002	0.000005	0.00003	0.00008
1,2,3,7,8-PECDD	31/48	5	0.000064	0.000003 J	0.0003	0.000003	0.00003	0.00004	0.00003	0.00001	0.00004	0.00008
1,2,3,7,8-PECDF	42/49		0.0021	0.00001 J	0.0006	0.000005	0.00004	0.00010	0.00009	0.00004	0.0001	0.00024
2,3,4,6,7,8-HXCDF	45/49	2	0.00064	0.000004 J	0.002	0.000006	0.00003	0.0002	0.0002	0.0001	0.0003	0.00059
2,3,4,7,8-PECDF	40/49	9	0.00021	0.000007 J	0.0008	0.000007	0.00006	0.0001	0.0001	0.00008	0.0002	0.00035
2,3,7,8-TCDD	16/49		0.000064	0.000004 J	0.00005 J	0.000002	0.00002	0.00002	0.000008	0.000004	0.000009	0.00002
2,3,7,8-TCDF	31/49		0.00064	0.000006 J	0.0002	0.000006	0.0001	0.00007	0.00005	0.00003	0.00006	0.00019
TEQ	49/49	27	0.000064	0.000003	0.002			0.0002	0.0002	0.00009	0.0003	0.00048
TOTAL HPCDD	46/49		NC	0.00003 J	0.011	0.00002	0.00003	0.001	0.0010	0.0005	0.002	0.00308
TOTAL HPCDF	45/49		NC	0.00002 J	0.014	0.00003	0.00007	0.001	0.001	0.0006	0.002	0.00368
TOTAL HXCDD	47/49		NC	0.00002 J	0.015	0.000007	0.000008	0.001	0.001	0.0007	0.002	0.00462
TOTAL HXCDF	47/49		NC	0.00004 J	0.016	0.00007	0.00010	0.002	0.002	0.0010	0.003	0.00504
TOTAL PECDD	47/49		NC	0.00006	0.010	0.000004	0.00004	0.001	0.001	0.0006	0.002	0.00409
TOTAL PECDF	48/49		NC	0.00009 J	0.009 J	0.0001	0.0001	0.002	0.002	0.0010	0.002	0.00433
TOTAL TCDD	48/49		NC	0.00004 J	0.006	0.00006	0.00006	0.0008	0.0008	0.0005	0.001	0.00308
TOTAL TCDF	48/49		NC	0.0001 J	0.008 J	0.0002	0.0002	0.001	0.001	0.0009	0.001	0.00406
Inorganics (ug/m3)												
ALUMINUM	42/49		5.2	0.015	2.84	0.068	2.15	0.513	0.477	0.261	0.611	1.856
ANTIMONY	16/49		NC	0.006	0.032	0.005	0.009	0.012	0.006	0.003	0.006	0.014
ARSENIC	33/49	30	0.00057	0.0003	0.018	0.0002	0.002	0.004	0.003	0.001	0.003	0.009
BARIUM	38/49		0.52	0.004	0.029	0.003	0.031	0.012	0.011	0.010	0.007	0.026
BERYLLIUM	8/49		0.001	0.0002	0.0006	0.0001	0.0005	0.0003	0.0001	0.00010	0.00010	0.000
CADMIUM	29/49		0.0014	0.0002	0.001	0.0002	0.001	0.0005	0.0003	0.0003	0.0002	0.001
CHROMIUM	18/49	18	0.0002	0.0008	0.009	0.0004	0.010	0.003	0.002	0.002	0.002	0.005
COBALT	27/49	11	0.00027	0.0001	0.0005	0.0001	0.0007	0.0003	0.0002	0.0002	0.0001	0.000
COPPER	0/49		NC			0.439	0.898		0.307	0.298	0.045	NA[1]
IRON	0/49		NC			8.76	18.0		6.13	5.97	0.903	7.638
LEAD	43/49		NC	0.002	0.050	0.001	0.037	0.015	0.014	0.012	0.010	0.030
MANGANESE	37/49		0.052	0.0007	0.051	0.0002	0.035	0.015	0.013	0.008	0.013	0.040
MERCURY	1/49		0.31	0.006	0.006	0.0007	0.010	0.006	0.0007	0.002	0.0010	0.001
NICKEL	0/49		0.0094			0.219	0.451		0.153	0.149	0.023	NA[1]
SELENIUM	0/49		21			0.044	0.090		0.031	0.030	0.005	NA[1]
SILVER	0/49		NC			0.044	0.090		0.031	0.030	0.005	NA[1]
THALLIUM	3/49		NC	0.002	0.006	0.0009	0.003	0.004	0.0009	0.0006	0.001	0.001
TIN	30/49		NC	0.0002	0.011	0.0002	0.011	0.004	0.003	0.002	0.002	0.007
VANADIUM	2/49		NC	0.013	0.018	0.009	0.018	0.016	0.007	0.006	0.002	0.009
ZINC	0/49		NC			2.19	4.51		1.53	1.49	0.226	NA[1]
Miscellaneous Parameters (ug/m3)												
PM10µ 24-HOUR CONCENTRATIONS	48/49	2	150	18.1	213	6.35	6.35	57.1	56.0	47.3	37.3	117
Vapor Phase Mercury (ug/m3)												
MERCURY	35/48		0.31	0.000002 J	0.011 J	0.00005	0.008	0.003	0.002	0.002	0.002	0.007

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PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

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Aldehydes (ug/m3)												
ACETALDEHYDE	47/49	24	1.1	0.193	4.93	1.04	1.06	1.35	1.31	1.06	0.950	2.97
BENZALDEHYDE	44/49		NC	0.101 J	4.34	0.013	0.226	0.696	0.628	0.396	0.798	1.53
BUTYRALDEHYDE	34/49		NC	0.052 J	1.45	0.026	0.031	0.416	0.293	0.179	0.334	0.94
CROTONALDEHYDE	12/49		NC	0.039 J	0.343	0.013	0.018	0.115	0.034	0.007	0.063	0.15
FORMALDEHYDE	46/49	46	0.19	0.580	7.65	1.51	2.70	2.29	2.22	1.90	1.40	4.80
HEXALDEHYDE	32/49		NC	0.033 J	0.906	0.019	0.196	0.185	0.131	0.126	0.141	0.25
M-TOLUALDEHYDE	17/49		NC	0.028 J	1.51	0.013	0.176	0.299	0.115	0.027	0.244	0.44
METHACRYLALDEHYDE	37/49		NC	0.018 J	0.539	0.013	0.015	0.164	0.125	0.071	0.139	0.41
N-VALERALDEHYDE	35/49		NC	0.016 J	0.562	0.013	0.015	0.154	0.112	0.056	0.126	0.35
PROPIONALDEHYDE	42/49		8.3	0.028 J	0.750	0.006	0.614	0.217	0.206	0.165	0.161	0.57
Pesticides/PCBs (ug/m3)												
4,4'-DDD	1/48		0.035	0.002 J	0.002 J	0.0004	0.0006	0.002	0.0003	0.0002	0.0003	0.0003
4,4'-DDE	0/48		0.025			0.0004	0.0006		0.0002	0.0002	0.00002	NA[1]
4,4'-DDT	0/48		0.025			0.0009	0.035		0.001	0.0005	0.003	NA[1]
ALDRIN	0/48		0.0005			0.0010	0.001		0.0006	0.0006	0.00005	NA[1]
ALPHA-BHC	0/48		0.0014			0.0003	0.0005		0.0002	0.0002	0.00002	NA[1]
ALPHA-CHLORDANE	0/48		0.024			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
AROCLOR-1016	0/48		0.12			0.0001	0.016		0.006	0.006	0.001	NA[1]
AROCLOR-1221	0/48		0.0043			0.0001	0.016		0.006	0.006	0.001	NA[1]
AROCLOR-1232	0/48		0.0043			0.0001	0.016		0.006	0.006	0.001	NA[1]
AROCLOR-1242	0/48		0.0043			0.0001	0.016		0.006	0.006	0.001	NA[1]
AROCLOR-1248	0/48		0.0043			0.0001	0.016		0.006	0.006	0.001	NA[1]
AROCLOR-1254	0/48		0.0043			0.0001	0.016		0.006	0.006	0.001	NA[1]
AROCLOR-1260	0/48		0.0043			0.0001	0.016		0.006	0.006	0.001	NA[1]
BETA-BHC	0/48		0.0046			0.0002	0.0002		0.00009	0.00009	0.000008	NA[1]
DELTA-BHC	0/48		0.0014			0.0006	0.0009		0.0003	0.0003	0.00003	NA[1]
DIELDRIN	1/48	1	0.00053	0.003 J	0.003 J	0.0007	0.001	0.003	0.0005	0.0004	0.0004	0.0005
ENDOSULFAN I	0/48		NC			0.001	0.002		0.0007	0.0007	0.00006	NA[1]
ENDOSULFAN II	0/48		NC			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
ENDOSULFAN SULFATE	2/48		NC	0.004 J	0.008 J	0.001	0.002	0.006	0.0008	0.0006	0.001	0.0008
ENDRIN	0/48		NC			0.0004	0.0006		0.0002	0.0002	0.00002	NA[1]
ENDRIN ALDEHYDE	0/48		NC			0.0002	0.0004		0.0001	0.0001	0.00001	NA[1]
GAMMA-BHC (LINDANE)	0/48		0.0078			0.0004	0.0006		0.0002	0.0002	0.00002	NA[1]
GAMMA-CHLORDANE	0/48		0.024			0.001	0.002		0.0008	0.0008	0.00007	NA[1]
HEPTACHLOR	0/48		0.0019			0.0005	0.0008		0.0003	0.0003	0.00003	NA[1]
HEPTACHLOR EPOXIDE	0/48		0.00094			0.0006	0.0009		0.0004	0.0004	0.00003	NA[1]
METHOXYCHLOR	0/48		NC			0.002	0.003		0.001	0.001	0.00009	NA[1]
PENTACHLORONITROBENZENE	0/48		NC			0.0003	0.0008		0.0003	0.0003	0.00005	NA[1]
TOXAPHENE	0/48		0.0076			0.001	0.142		0.050	0.056	0.017	NA[1]

Footnotes:
(1) The parameter was not detected in any of the samples. Therefore a 95th percentile was not appropriate.

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-8

STUDY AREA 06 - SUPPORT SITE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Volatile Organics (ug/m3)												
1,1,1,2-TETRACHLOROETHANE	4/49	1	0.33	0.189 J	5.55	0.180	1.80	1.55	0.223	0.090	0.780	0.23
1,1,1-TRICHLOROETHANE	12/49		5200	0.151 J	0.379	0.150	1.50	0.228	0.125	0.075	0.088	0.29
1,1,2,2-TETRACHLOROETHANE	12/49	12	0.042	0.138 J	0.637	0.040	0.400	0.328	0.099	0.020	0.151	0.42
1,1,2-TRICHLOROETHANE	0/49		0.15			0.080	0.800		0.046	0.040	0.031	NA[1]
1,1,2-TRICHLOROTRIFLUOROETHANE	44/49		31000	0.368	1.16	0.080	0.800	0.699	0.639	0.661	0.239	0.96
1,1-DICHLOROETHANE	2/49		1.5	0.132 J	0.160 J	0.050	0.500	0.146	0.034	0.025	0.030	0.08
1,1-DICHLOROETHENE	3/49		210	0.127 J	0.156 J	0.100	1.00	0.139	0.063	0.050	0.043	0.13
1,2,3-TRICHLOROBENZENE	8/45		NC	0.430 J	2.85	0.400	1.60	1.45	0.435	0.200	0.598	1.75
1,2,3-TRICHLOROPROPANE	0/49		NC			0.070	0.700		0.040	0.035	0.027	NA[1]
1,2,4-TRICHLOROBENZENE	12/47	3	2.1	0.337 J	3.18	0.190	3.42	1.62	0.597	0.095	0.779	2.19
1,2,4-TRIMETHYLBENZENE	46/49		7.3	0.211	9.59 J	0.050	0.959	0.905	0.865	0.763	0.764	1.42
1,2-DIBROMO-3-CHLOROPROPANE	4/45	4	0.00016	0.238	0.365	0.100	0.400	0.303	0.076	0.050	0.077	0.25
1,2-DIBROMOETHANE	0/49		0.0041			0.120	1.20		0.070	0.060	0.046	NA[1]
1,2-DICHLOROBENZENE	14/49		210	0.174 J	5.47 J	0.100	0.434	0.700	0.244	0.050	0.459	0.91
1,2-DICHLOROETHANE	6/49	6	0.094	0.100 J	0.237	0.100	1.00	0.187	0.074	0.050	0.059	0.21
1,2-DICHLOROPROPANE	36/49	36	0.24	0.329	16.9	0.090	0.900	2.93	2.17	0.996	3.33	7.45
1,2-DICHLOROTETRAFLUOROETHANE	1/49		NC	0.287 J	0.287 J	0.260	2.60	0.287	0.153	0.130	0.101	0.13
1,3,5-TRIMETHYLBENZENE	35/49		NC	0.049 J	3.34 J	0.050	0.406	0.343	0.257	0.203	0.289	0.54
1,3-BUTADIENE	3/49	3	0.081	0.561 J	0.766 J	0.490	4.90	0.644	0.307	0.245	0.208	0.59
1,3-DICHLOROBENZENE	14/49		NC	0.129 J	3.83 J	0.090	0.417	0.577	0.205	0.045	0.359	0.86
1,4-DICHLOROBENZENE	15/48	11	0.22	0.120 J	5.61 J	0.090	0.360	0.748	0.269	0.045	0.496	0.91
2-BUTANONE	46/49		5200	0.568 J	9.66	0.330	3.30	2.39	2.26	1.70	1.85	5.21
ACETONE	48/49		32000	5.59	60.5	1.06	1.06	16.8	16.5	13.8	9.16	34.02
ACETONITRILE	26/49		63	0.381 J	2.29	0.380	3.80	0.923	0.608	0.457	0.524	1.72
ACETOPHENONE	13/47		NC	1.03 J	32.4	1.02	10.2	8.67	2.85	0.510	6.11	16.68
ACROLEIN	29/49	29	0.021	0.419 J	7.09	0.410	4.10	2.59	1.65	1.42	1.65	4.75
ACRYLONITRILE	5/49	5	0.036	0.218 J	0.571	0.200	2.00	0.340	0.140	0.100	0.110	0.34
BENZENE	49/49	49	0.31	0.564	12.0 J			1.80	1.80	1.42	1.20	4.28
BIS(2-CHLOROETHYL)ETHER	0/49		0.0074			0.160	1.60		0.092	0.080	0.061	NA[1]
BROMODICHLOROMETHANE	1/49	1	0.066	0.233 J	0.233 J	0.150	1.50	0.233	0.090	0.075	0.061	0.08
BROMOFORM	1/49		2.2	0.336	0.336	0.110	1.10	0.336	0.069	0.055	0.057	0.06
BROMOMETHANE	4/49		5.2	0.161 J	0.465	0.070	0.700	0.287	0.059	0.035	0.079	0.21
CARBON DISULFIDE	38/49		730	0.114 J	25.3	0.100	0.893	2.09	1.64	0.503	3.83	5.91
CARBON TETRACHLORIDE	45/49	45	0.16	0.405	0.948	0.661	1.30	0.649	0.625	0.601	0.158	0.92
CHLOROBENZENE	8/49		52	0.123 J	0.523	0.040	0.412	0.271	0.074	0.020	0.112	0.32
CHLORODIBROMOMETHANE	1/49	1	0.09	0.299 J	0.299 J	0.240	2.40	0.299	0.142	0.120	0.095	0.12
CHLOROETHANE	1/49		10000	0.339	0.339	0.110	1.10	0.339	0.069	0.055	0.058	0.06
CHLOROFORM	21/49	21	0.11	0.114 J	1.27 J	0.110	0.440	0.257	0.149	0.106	0.141	0.28
CHLOROMETHANE	47/49		94	0.993	9.66	0.070	0.700	1.86	1.79	1.53	1.34	3.19
CIS-1,2-DICHLOROETHENE	1/49		NC	0.302	0.302	0.090	0.900	0.302	0.057	0.045	0.050	0.05
CIS-1,3-DICHLOROPROPENE	9/49	6	0.61	0.280	3.25	0.040	0.400	1.36	0.270	0.020	0.675	1.87
CYCLOHEXANE	39/49		6300	0.342	12.5 J	0.110	0.440	1.24	0.998	0.658	1.21	3.20
DIBROMOMETHANE	4/49		NC	0.181 J	0.295 J	0.150	1.50	0.224	0.099	0.075	0.070	0.21
DICHLORODIFLUOROMETHANE	49/49		210	1.16	9.24			2.45	2.45	2.29	1.09	3.00
ETHYLBENZENE	47/49	16	0.97	0.091 J	9.00 J	0.030	0.741	0.932	0.908	0.744	0.722	1.71
HEXACHLOROBUTADIENE	15/49	15	0.11	0.316 J	2.18	0.240	2.40	0.833	0.407	0.120	0.524	1.73
HEXANE	43/49		730	0.280 J	267	0.170	0.602	10.4	9.14	0.726	40.8	20.75
ISOBUTANOL	10/49		NC	0.895	11.1	0.460	4.60	4.35	1.11	0.230	2.19	6.36
ISOPROPYLBENZENE	8/49		420	0.124 J	0.389	0.070	0.700	0.213	0.069	0.035	0.078	0.20
M+P-XYLENES	49/49		730	0.501	30.8 J			2.90	2.90	2.39	2.43	4.97
METHYL ACETATE	28/49		NC	0.272 J	1.37	0.270	2.70	0.574	0.394	0.384	0.286	0.92
METHYL CYCLOHEXANE	26/49		NC	0.103 J	11.0 J	0.080	0.320	0.979	0.541	0.120	1.36	1.49
METHYL TERT-BUTYL ETHER	22/49		9.4	0.317	1.58	0.170	1.70	0.710	0.379	0.085	0.374	0.92
METHYLENE CHLORIDE	45/49	1	5.2	0.368	15.2	0.080	0.080	1.30	1.20	0.777	2.13	2.22
O-XYLENE	47/49		730	0.096 J	10.3 J	0.060	0.984	0.930	0.910	0.733	0.789	1.50
PENTACHLOROETHANE	0/49		NC			0.250	2.50		0.144	0.125	0.096	NA[1]
STYRENE	36/49		1000	0.219	5.42	0.070	0.700	0.960	0.730	0.525	0.890	2.03
TETRACHLOROETHENE	34/49	34	0.41	1.45 J	27.4 J	1.45	4.54	4.16	3.14	2.45	3.26	7.74
TOLUENE	49/49		5200	0.516	56.0 J			4.29	4.29	3.55	4.17	7.59
TRANS-1,2-DICHLOROETHENE	1/49		63	0.119 J	0.119 J	0.110	1.10	0.119	0.065	0.055	0.043	0.06
TRANS-1,3-DICHLOROPROPENE	9/49	6	0.61	0.257	3.01	0.070	0.700	1.34	0.280	0.035	0.677	1.93
TRANS-1,4-DICHLORO-2-BUTENE	0/47		0.00058			0.170	1.70		0.099	0.085	0.066	NA[1]
TRICHLOROETHENE	17/49		1.2	0.096 J	0.431	0.080	0.800	0.229	0.112	0.040	0.109	0.35
TRICHLOROFLUOROMETHANE	49/49		730	1.01	4.65 J			1.71	1.71	1.70	0.352	2.22
VINYL ACETATE	7/49		210	1.40	11.6	0.110	1.10	3.86	0.607	0.055	1.85	3.10
VINYL CHLORIDE	0/49		0.16			0.070	0.700		0.040	0.035	0.027	NA[1]

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-8

STUDY AREA 06 - SUPPORT SITE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Semivolatile Organics (ug/m3)												
1,1-BIPHENYL	34/49		NC	0.0002 J	0.009 J	0.0002	0.0009	0.002	0.001	0.0007	0.002	0.0036
1,2,4,5-TETRACHLOROBENZENE	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
2,3,4,6-TETRACHLOROPHENOL	0/48		NC			0.003	0.004		0.002	0.002	0.0001	NA[1]
2,4,5-TRICHLOROPHENOL	2/48		NC	0.002 J	0.005 J	0.0007	0.0009	0.003	0.0006	0.0005	0.0007	0.0005
2,4,6-TRICHLOROPHENOL	1/48		0.78	0.006 J	0.006 J	0.0005	0.0006	0.006	0.0004	0.0003	0.0009	0.0003
2,4-DICHLOROPHENOL	7/48		NC	0.0006 J	0.007 J	0.0005	0.0006	0.002	0.0006	0.0003	0.001	0.0018
2,4-DIMETHYLPHENOL	24/49		NC	0.0008 J	0.037	0.0005	0.003	0.008	0.004	0.0008	0.007	0.0186
2,4-DINITROPHENOL	0/44		NC			0.002	0.003		0.001	0.002	0.00009	NA[1]
2,4-DINITROTOLUENE	0/48		0.027			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
2,6-DICHLOROPHENOL	4/48		NC	0.0004 J	0.006 J	0.0002	0.0003	0.003	0.0003	0.0002	0.0009	0.0013
2,6-DINITROTOLUENE	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
2-CHLORONAPHTHALENE	1/48		NC	0.0003 J	0.0003 J	0.0002	0.0003	0.0003	0.0002	0.0002	0.00003	0.0002
2-CHLOROPHENOL	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
2-METHYLNAPHTHALENE	19/49		NC	0.0004 J	0.005 J	0.0002	0.001	0.001	0.0006	0.0002	0.0009	0.0017
2-METHYLPHENOL	20/49		626	0.001 J	0.043	0.0002	0.001	0.010	0.004	0.0002	0.010	0.0272
2-NITROPHENOL	4/48		NC	0.0007 J	0.003 J	0.0005	0.0006	0.002	0.0004	0.0003	0.0005	0.0008
3&4-METHYLPHENOL	29/48		NC	0.002 J	0.085	0.002	0.005	0.020	0.013	0.003	0.022	0.0730
3-NITROANILINE	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
4,6-DINITRO-2-METHYLPHENOL	0/48		NC			0.001	0.002		0.0007	0.0008	0.00004	NA[1]
4-BROMOPHENYL PHENYL ETHER	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
4-CHLORO-3-METHYLPHENOL	1/48		NC	0.002 J	0.002 J	0.0005	0.0006	0.002	0.0003	0.0003	0.0003	0.0003
4-CHLOROANILINE	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
4-NITROANILINE	0/48		6.3			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
4-NITROPHENOL	4/45		NC	0.001 J	0.008 J	0.0007	0.0009	0.004	0.0008	0.0005	0.001	0.0022
ACENAPHTHENE	13/48		NC	0.0003 J	0.002 J	0.0002	0.0003	0.001	0.0004	0.0002	0.0005	0.0016
ACENAPHTHYLENE	28/48		NC	0.0005	0.016	0.0002	0.0003	0.003	0.002	0.0006	0.004	0.0093
ANILINE	0/48		1			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
ANTHRACENE	24/49		NC	0.0003 J	0.004 J	0.0003	0.0003	0.001	0.0007	0.0002	0.0009	0.0026
ATRAZINE	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
BENZO(A)ANTHRACENE	10/49		0.0087	0.0005 J	0.003	0.0002	0.0003	0.001	0.0004	0.0002	0.0006	0.0016
BENZO(A)PYRENE	13/49	8	0.00087	0.0003 J	0.003	0.0002	0.0003	0.001	0.0005	0.0001	0.0008	0.0021
BENZO(B)FLUORANTHENE	5/48		0.0087	0.0007 J	0.004	0.0005	0.0006	0.002	0.0004	0.0003	0.0005	0.0011
BENZO(G,H,I)PERYLENE	14/49		NC	0.0003 J	0.002	0.0003	0.0003	0.001	0.0005	0.0002	0.0006	0.0021
BENZO(K)FLUORANTHENE	8/49		0.0087	0.0006 J	0.003 J	0.0005	0.0006	0.001	0.0004	0.0003	0.0005	0.0011
BIS(2-ETHYLHEXYL)PHTHALATE	21/49		1	0.003 J	0.035 J	0.0003	0.079	0.016	0.012	0.009	0.009	0.0287
BUTYL BENZYL PHTHALATE	2/48		NC	0.0004 J	0.009 J	0.0003	0.004	0.005	0.0004	0.0002	0.001	0.0005
CARBAZOLE	5/48		NC	0.0002 J	0.0007 J	0.0003	0.0003	0.0004	0.0002	0.0002	0.0001	0.0004
CHRYSENE	30/49		0.087	0.0004 J	0.007 J	0.0003	0.0003	0.002	0.0010	0.0006	0.001	0.0030
DI-N-BUTYL PHTHALATE	22/49		NC	0.009 J	0.193	0.0003	0.070	0.055	0.030	0.011	0.042	0.1206
DI-N-OCTYL PHTHALATE	0/48		NC			0.0005	0.0006		0.0003	0.0003	0.00002	NA[1]
DIBENZO(A,H)ANTHRACENE	1/48		0.0008	0.0006	0.0006	0.0002	0.0002	0.0006	0.0001	0.0001	0.00007	0.0001
DIBENZOFURAN	34/49		NC	0.0006 J	0.021 J	0.0002	0.0003	0.004	0.003	0.001	0.005	0.014
DIETHYL PHTHALATE	20/49		NC	0.002 J	0.036	0.0010	0.009	0.006	0.004	0.003	0.005	0.008
DIMETHYL PHTHALATE	21/48		NC	0.0004 J	0.004 J	0.0002	0.0008	0.0009	0.0005	0.0002	0.0006	0.001
DIPHENYLAMINE	8/48		NC	0.0006 J	0.001 J	0.0003	0.003	0.0009	0.0003	0.0002	0.0003	0.001
FLUORANTHENE	49/49		NC	0.0007 J	0.009 J			0.003	0.003	0.003	0.002	0.007
FLUORENE	44/49		NC	0.0005 J	0.010 J	0.0002	0.001	0.003	0.002	0.001	0.002	0.008
HEXACHLOROBENZENE	0/48		0.0053			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
HEXACHLOROCYCLOPENTADIENE	0/48		0.21			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
HEXACHLOROETHANE	0/48		0.61			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
INDENO(1,2,3-CD)PYRENE	3/49		0.0087	0.002 J	0.003 J	0.001	0.002	0.002	0.0008	0.0008	0.0004	0.001
NAPHTHALENE	19/49		0.072	0.0004 J	0.011 J	0.0003	0.002	0.002	0.001	0.0006	0.002	0.003
NITROBENZENE	0/48		0.061			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
O-TOLUIDINE	0/48		0.048			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
PENTACHLOROBENZENE	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000009	NA[1]
PENTACHLOROPHENOL	0/48		0.48			0.0007	0.0009		0.0004	0.0005	0.00003	NA[1]
PHENANTHRENE	49/49		NC	0.003	0.032			0.011	0.011	0.009	0.008	0.027
PHENOL	20/49		210	0.002 J	0.077	0.0003	0.004	0.014	0.006	0.001	0.014	0.032
PYRENE	49/49		NC	0.0006 J	0.008 J			0.003	0.003	0.002	0.002	0.007

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-8

STUDY AREA 06 - SUPPORT SITE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Dioxins/Furans (ng/m3)												
1,2,3,4,6,7,8,9-OCDD	40/49		0.21	0.0002 J	0.073 J	0.00003	0.0001	0.004	0.003	0.0009	0.011	0.009
1,2,3,4,6,7,8,9-OCDF	39/49		0.21	0.00006 J	0.121 J	0.000007	0.0006	0.006	0.004	0.0009	0.017	0.009
1,2,3,4,6,7,8-HPCDD	45/49	3	0.0064	0.00009	0.064 J	0.00002	0.00005	0.003	0.003	0.0008	0.009	0.007
1,2,3,4,6,7,8-HPCDF	48/49	6	0.0064	0.00002 J	0.149 J	0.00003	0.00003	0.006	0.006	0.002	0.021	0.013
1,2,3,4,7,8,9-HPCDF	43/49	1	0.0064	0.00001 J	0.025 J	0.000003	0.00003	0.001	0.0009	0.0002	0.004	0.002
1,2,3,4,7,8-HXCDD	43/49	1	0.00064	0.000002 J	0.003 J	0.000002	0.00003	0.0002	0.0001	0.00005	0.0004	0.000
1,2,3,4,7,8-HXCDF	49/49	18	0.00064	0.000008 J	0.046 J			0.002	0.002	0.0005	0.006	0.004
1,2,3,6,7,8-HXCDD	42/49	6	0.00064	0.000007 J	0.012 J	0.000003	0.00004	0.0005	0.0005	0.0001	0.002	0.001
1,2,3,6,7,8-HXCDF	49/49	15	0.00064	0.000005 J	0.022 J			0.0010	0.0010	0.0003	0.003	0.002
1,2,3,7,8,9-HXCDD	41/49	3	0.00064	0.000010 J	0.009 J	0.000002	0.00003	0.0004	0.0004	0.00009	0.001	0.001
1,2,3,7,8,9-HXCDF	39/48	1	0.00064	0.000003 J	0.017 J	0.000001	0.00001	0.0005	0.0004	0.00003	0.002	0.0003
1,2,3,7,8-PECDD	43/48	23	0.000064	0.000003 J	0.004 J	0.000007	0.00002	0.0002	0.0002	0.00006	0.0006	0.0003
1,2,3,7,8-PECDF	45/49	1	0.0021	0.00001 J	0.014 J	0.000007	0.00003	0.0006	0.0006	0.0002	0.002	0.001
2,3,4,6,7,8-HXCDF	47/49	13	0.00064	0.000007 J	0.033 J	0.000008	0.00004	0.001	0.001	0.0002	0.005	0.002
2,3,4,7,8-PECDF	45/49	24	0.00021	0.000009 J	0.026 J	0.00001	0.00006	0.0009	0.0009	0.0002	0.004	0.001
2,3,7,8-TCDD	35/49	10	0.000064	0.000003 J	0.0009 J	0.000003	0.00002	0.00007	0.00005	0.00001	0.0001	0.0001
2,3,7,8-TCDF	40/49	1	0.00064	0.000009 J	0.006 J	0.000007	0.00006	0.0003	0.0003	0.00008	0.0009	0.0005
TEQ	49/49	40	0.000064	0.000009	0.030			0.001	0.001	0.0004	0.004	0.002
TOTAL HPCDD	48/49		NC	0.00004 J	0.134 J	0.00004	0.00004	0.006	0.006	0.002	0.019	0.014
TOTAL HPCDF	48/49		NC	0.00003 J	0.252 J	0.00004	0.00004	0.010	0.010	0.002	0.036	0.021
TOTAL HXCDD	48/49		NC	0.00003 J	0.209 J	0.00009	0.00009	0.009	0.009	0.003	0.030	0.025
TOTAL HXCDF	48/49		NC	0.00006 J	0.364 J	0.00009	0.00009	0.013	0.013	0.004	0.052	0.025
TOTAL PECDD	49/49		NC	0.00005 J	0.252 J			0.009	0.009	0.002	0.036	0.017
TOTAL PECDF	49/49		NC	0.00009 J	0.425 J			0.013	0.013	0.003	0.060	0.017
TOTAL TCDD	49/49		NC	0.0001 J	0.225 J			0.007	0.007	0.002	0.032	0.011
TOTAL TCDF	49/49		NC	0.0003 J	0.334 J			0.010	0.010	0.002	0.047	0.013
Inorganics (ug/m3)												
ALUMINUM	40/49		5.2	0.038	1.77	0.019	0.692	0.424	0.376	0.299	0.345	1.136
ANTIMONY	24/49		NC	0.005	0.043	0.004	0.008	0.014	0.008	0.004	0.009	0.022
ARSENIC	35/49	31	0.00057	0.0003	0.041	0.0002	0.001	0.003	0.002	0.0009	0.006	0.005
BARIUM	41/49		0.52	0.004	0.032	0.002	0.209	0.013	0.014	0.011	0.015	0.030
BERYLLIUM	1/49		0.001	0.0002	0.0002	0.0001	0.0003	0.0002	0.00009	0.00009	0.00002	0.000
CADMIUM	38/49	4	0.0014	0.0002	0.002	0.0001	0.0007	0.0006	0.0005	0.0004	0.0004	0.001
CHROMIUM	24/49	24	0.0002	0.0006	0.013	0.0003	0.009	0.005	0.003	0.002	0.003	0.010
COBALT	33/49	21	0.00027	0.0001	0.002	0.00010	0.0008	0.0004	0.0003	0.0002	0.0004	0.001
COPPER	0/49		NC			0.408	0.808		0.287	0.285	0.036	NA[1]
IRON	0/49		NC			8.17	16.2		5.73	5.71	0.715	NA[1]
LEAD	43/49		NC	0.003	0.082	0.001	0.024	0.025	0.023	0.015	0.019	0.058
MANGANESE	37/49		0.052	0.002	0.046	0.0002	0.022	0.016	0.013	0.011	0.011	0.034
MERCURY	0/49		0.31			0.0007	0.009		0.0006	0.002	0.0006	NA[1]
NICKEL	0/49		0.0094			0.204	0.403		0.143	0.143	0.018	NA[1]
SELENIUM	0/49		21			0.041	0.081		0.029	0.029	0.004	NA[1]
SILVER	0/49		NC			0.041	0.081		0.029	0.029	0.004	NA[1]
THALLIUM	3/49		NC	0.0009	0.001	0.0009	0.002	0.001	0.0006	0.0006	0.0002	0.001
TIN	31/49		NC	0.001	0.018	0.0002	0.007	0.005	0.004	0.003	0.004	0.012
VANADIUM	0/49		NC			0.008	0.016		0.006	0.006	0.0007	NA[1]
ZINC	0/49		NC			2.04	4.03		1.43	1.43	0.178	NA[1]
Miscellaneous Parameters (ug/m3)												
PM10µ 24-HOUR CONCENTRATIONS	49/49	2	150	10.7	197			58.2	58.2	49.2	36.9	129
Vapor Phase Mercury (ug/m3)												
MERCURY	36/49		0.31	0.000003 J	0.014 J	0.00005	0.002	0.003	0.003	0.002	0.002	0.007

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-8

STUDY AREA 06 - SUPPORT SITE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Aldehydes (ug/m3)												
ACETALDEHYDE	49/49	31	1.1	0.506	5.49			1.58	1.58	1.36	1.02	3.86
BENZALDEHYDE	45/49		NC	0.114 J	1.40	0.014	0.320	0.580	0.537	0.453	0.358	1.23
BUTYRALDEHYDE	36/49		NC	0.088 J	1.26	0.027	0.031	0.389	0.290	0.213	0.296	0.85
CROTONALDEHYDE	7/49		NC	0.033 J	0.315	0.013	0.041	0.132	0.025	0.007	0.056	0.15
FORMALDEHYDE	45/49	45	0.19	0.729 J	9.48	1.90	2.88	2.79	2.66	2.31	1.68	5.54
HEXALDEHYDE	37/49		NC	0.074 J	1.61	0.020	0.214	0.450	0.349	0.161	0.396	1.24
M-TOLUALDEHYDE	30/49		NC	0.035 J	1.21 J	0.014	0.146	0.436	0.272	0.182	0.297	0.90
METHACRYLALDEHYDE	35/49		NC	0.029 J	0.486	0.013	0.017	0.177	0.128	0.093	0.122	0.33
N-VALERALDEHYDE	39/49		NC	0.015 J	0.695	0.014	0.016	0.195	0.157	0.132	0.166	0.55
PROPIONALDEHYDE	43/49		8.3	0.068 J	1.13	0.007	0.681	0.258	0.246	0.204	0.200	0.43
Pesticides/PCBs (ug/m3)												
4,4'-DDD	0/49		0.035			0.000004	0.0005		0.0002	0.0002	0.00003	NA[1]
4,4'-DDE	0/49		0.025			0.000004	0.0005		0.0002	0.0002	0.00004	NA[1]
4,4'-DDT	0/49		0.025			0.000008	0.001		0.0005	0.0005	0.00008	NA[1]
ALDRIN	0/49		0.0005			0.000010	0.001		0.0006	0.0006	0.00009	NA[1]
ALPHA-BHC	0/49		0.0014			0.000003	0.0004		0.0002	0.0002	0.00003	NA[1]
ALPHA-CHLORDANE	0/49		0.024			0.0005	0.0006		0.0003	0.0003	0.00002	NA[1]
AROCLOR-1016	0/49		0.12			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1221	0/49		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1232	0/49		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1242	0/49		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1248	0/49		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1254	0/49		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1260	0/49		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
BETA-BHC	0/49		0.0046			0.000002	0.0002		0.00009	0.00009	0.00001	NA[1]
DELTA-BHC	0/49		0.0014			0.000006	0.0007		0.0003	0.0003	0.00005	NA[1]
DIELDRIN	0/49		0.00053			0.000007	0.0009		0.0004	0.0004	0.00006	NA[1]
ENDOSULFAN I	2/49		NC	0.002 J	0.002	0.00001	0.002	0.002	0.0007	0.0007	0.0002	0.0007
ENDOSULFAN II	0/49		NC			0.000005	0.0006		0.0003	0.0003	0.00004	NA[1]
ENDOSULFAN SULFATE	0/49		NC			0.00001	0.001		0.0006	0.0006	0.00009	NA[1]
ENDRIN	0/49		NC			0.000004	0.0005		0.0002	0.0002	0.00003	NA[1]
ENDRIN ALDEHYDE	0/49		NC			0.000002	0.0003		0.0001	0.0001	0.00002	NA[1]
GAMMA-BHC (LINDANE)	0/49		0.0078			0.000004	0.0005		0.0002	0.0002	0.00004	NA[1]
GAMMA-CHLORDANE	0/49		0.024			0.001	0.002		0.0008	0.0008	0.00005	NA[1]
HEPTACHLOR	0/49		0.0019			0.000005	0.0007		0.0003	0.0003	0.00005	NA[1]
HEPTACHLOR EPOXIDE	0/49		0.00094			0.000006	0.0007		0.0003	0.0004	0.00005	NA[1]
METHOXYCHLOR	0/49		NC			0.00002	0.002		0.0010	0.001	0.0002	NA[1]
PENTACHLORONITROBENZENE	0/49		NC			0.0003	0.0007		0.0003	0.0003	0.00005	NA[1]
TOXAPHENE	0/49		0.0076			0.0009	0.116		0.050	0.055	0.015	NA[1]

Footnotes:
(1) The parameter was not detected in any of the samples. Therefore a 95th percentile was not appropriate.

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-9

STUDY AREA 07 - PARCO EVA AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Volatile Organics (ug/m3)												
1,1,1,2-TETRACHLOROETHANE	4/49		0.33	0.196 J	0.210 J	0.180	0.180	0.200	0.099	0.090	0.030	0.196
1,1,1-TRICHLOROETHANE	11/49		5200	0.170 J	0.402	0.150	0.223	0.216	0.108	0.075	0.066	0.215
1,1,2,2-TETRACHLOROETHANE	10/49	10	0.042	0.118 J	0.433	0.040	0.040	0.312	0.080	0.020	0.128	0.389
1,1,2-TRICHLOROETHANE	0/49		0.15			0.080	0.080		0.040	0.040		NA[1]
1,1,2-TRICHLOROTRIFLUOROETHANE	44/49		31000	0.163 J	1.38	0.080	0.080	0.694	0.627	0.648	0.267	0.948
1,1-DICHLOROETHANE	1/49		1.5	0.245	0.245	0.050	0.050	0.245	0.029	0.025	0.031	0.025
1,1-DICHLOROETHENE	2/49		210	0.150 J	0.220 J	0.100	0.100	0.185	0.056	0.050	0.028	0.050
1,2,3-TRICHLOROBENZENE	2/47		NC	1.78	2.43	0.400	0.400	2.11	0.281	0.200	0.395	0.200
1,2,3-TRICHLOROPROPANE	0/49		NC			0.070	0.070		0.035	0.035		NA[1]
1,2,4-TRICHLOROBENZENE	12/47	2	2.1	0.255 J	2.95	0.190	2.73	1.45	0.520	0.095	0.726	1.972
1,2,4-TRIMETHYLBENZENE	47/49		7.3	0.242	7.04	0.050	0.822	1.30	1.26	1.08	1.089	2.494
1,2-DIBROMO-3-CHLOROPROPANE	6/47	6	0.00016	0.222	0.332	0.100	0.100	0.286	0.080	0.050	0.081	0.304
1,2-DIBROMOETHANE	0/49		0.0041			0.120	0.120		0.060	0.060		NA[1]
1,2-DICHLOROBENZENE	13/49		210	0.121 J	0.947	0.100	0.221	0.504	0.172	0.050	0.263	0.880
1,2-DICHLOROETHANE	9/49	8	0.094	0.080 J	0.308	0.100	0.100	0.195	0.077	0.050	0.065	0.258
1,2-DICHLOROPROPANE	38/49	38	0.24	0.262 J	26.5 J	0.090	0.483	3.42	2.67	1.15	3.87	10.324
1,2-DICHLOROTETRAFLUOROETHANE	3/49		NC	0.204 J	0.299 J	0.260	10.4	0.256	0.189	0.130	0.362	0.130
1,3,5-TRIMETHYLBENZENE	38/49		NC	0.121 J	1.72	0.050	0.600	0.458	0.368	0.309	0.314	0.738
1,3-BUTADIENE	6/49	6	0.081	0.687 J	2.06	0.490	19.6	1.14	0.354	0.245	0.337	0.954
1,3-DICHLOROBENZENE	14/49		NC	0.099 J	0.897	0.090	0.435	0.420	0.157	0.045	0.237	0.841
1,4-DICHLOROBENZENE	16/48	12	0.22	0.169 J	1.29	0.090	0.212	0.547	0.214	0.045	0.307	0.813
2-BUTANONE	44/49		5200	0.711	13.2 J	0.330	0.330	2.50	2.26	2.03	1.45	3.794
ACETONE	49/49		32000	4.85	49.0 J			18.1	18.1	16.5	8.24	31.820
ACETONITRILE	24/49		63	0.412 J	2.20	0.380	15.2	0.778	0.554	0.412	0.633	1.268
ACETOPHENONE	15/47		NC	1.07 J	104 J	1.02	1.02	17.5	5.95	0.510	17.8	23.200
ACROLEIN	36/49	36	0.021	0.463 J	9.69	0.410	16.4	3.38	2.54	2.020	2.50	7.286
ACRYLONITRILE	7/49	7	0.036	0.153 J	0.405	0.200	0.200	0.284	0.126	0.100	0.073	0.311
BENZENE	49/49	49	0.31	0.655	9.50			2.34	2.34	1.79	1.74	5.794
BIS(2-CHLOROETHYL)ETHER	0/49		0.0074			0.160	0.160		0.080	0.080		NA[1]
BROMODICHLOROMETHANE	2/49	2	0.066	0.133 J	0.534	0.150	0.150	0.334	0.086	0.075	0.066	0.075
BROMOFORM	1/49		2.2	0.167 J	0.279 J	0.110	0.110	0.167	0.057	0.055	0.016	0.055
BROMOMETHANE	3/49		5.2	0.137 J	0.277	0.070	2.80	0.219	0.060	0.035	0.107	0.096
CARBON DISULFIDE	40/49		730	0.132 J	17.6	0.100	0.850	1.45	1.200	0.370	2.74	4.446
CARBON TETRACHLORIDE	45/49	45	0.16	0.297 J	1.22	0.676	0.773	0.646	0.622	0.609	0.175	0.921
CHLOROBENZENE	7/49		52	0.062 J	0.372	0.040	0.405	0.199	0.053	0.020	0.081	0.198
CHLORODIBROMOMETHANE	2/49	2	0.09	0.186 J	0.436 J	0.240	0.240	0.311	0.128	0.120	0.046	0.120
CHLOROETHANE	1/49		10000	0.191 J	0.191 J	0.110	4.40	0.191	0.080	0.055	0.154	0.055
CHLOROFORM	20/49	20	0.11	0.115 J	1.34	0.110	0.237	0.246	0.136	0.055	0.192	0.258
CHLOROMETHANE	46/49		94	0.519	12.4 J	0.070	2.80	1.69	1.59	1.50	0.86	2.042
CIS-1,2-DICHLOROETHENE	2/49		NC	0.205	1.46	0.090	0.090	0.833	0.077	0.045	0.203	0.045
CIS-1,3-DICHLOROPROPENE	5/49	2	0.61	0.165	1.38	0.040	0.040	0.595	0.079	0.020	0.230	0.329
CYCLOHEXANE	42/49		6300	0.213 J	8.62	0.110	0.110	1.43	1.23	0.88	1.40	3.290
DIBROMOMETHANE	4/49		NC	0.203 J	0.238 J	0.150	0.150	0.216	0.086	0.075	0.039	0.208
DICHLORODIFLUOROMETHANE	47/49		210	1.00	6.03	0.180	7.20	2.40	2.30	2.29	0.879	3.272
ETHYLBENZENE	47/49	19	0.97	0.129 J	3.42	0.840	0.866	1.05	1.02	0.914	0.623	2.176
HEXACHLOROBUTADIENE	14/49	14	0.11	0.218 J	2.28	0.240	2.34	0.837	0.392	0.120	0.529	1.702
HEXANE	48/49		730	0.273 J	31.2	0.170	0.170	3.04	2.98	1.26	4.95	8.540
ISOBUTANOL	12/49		NC	0.492 J	6.96	0.460	0.460	2.26	0.727	0.230	1.19	3.602
ISOPROPYLBENZENE	12/49		420	0.116 J	0.516	0.070	0.070	0.225	0.082	0.035	0.102	0.251
M+P-XYLENES	49/49		730	0.486	13.0			3.78	3.78	3.23	2.42	7.870
METHYL ACETATE	25/49		NC	0.339 J	2.10	0.270	0.270	0.931	0.541	0.339	0.549	1.884
METHYL CYCLOHEXANE	32/49		NC	0.104 J	14.9	0.080	0.080	1.11	0.741	0.232	2.19	1.942
METHYL TERT-BUTYL ETHER	27/49		9.4	0.321	1.70	0.170	0.170	0.975	0.575	0.465	0.521	1.512
METHYLENE CHLORIDE	47/49	2	5.2	0.321	32.2	0.080	0.080	2.03	1.95	1.010	4.62	3.632
O-XYLENE	47/49		730	0.185 J	4.20	0.060	1.16	1.29	1.25	1.08	0.775	2.626
PENTACHLOROETHANE	0/49		NC			0.250	0.250		0.125	0.125		NA[1]
STYRENE	41/49		1000	0.194 J	9.58	0.070	0.718	1.46	1.24	0.932	1.60	3.300
TETRACHLOROETHENE	31/49	31	0.41	1.49 J	6.32 J	1.45	5.11	2.79	2.07	1.84	1.36	4.236
TOLUENE	49/49		5200	1.44	16.2			5.60	5.60	5.12	3.24	11.920
TRANS-1,2-DICHLOROETHENE	2/49		63	0.128 J	0.234 J	0.110	0.110	0.181	0.060	0.055	0.027	0.055
TRANS-1,3-DICHLOROPROPENE	6/49	2	0.61	0.116 J	1.35	0.070	0.070	0.564	0.100	0.035	0.256	0.268
TRANS-1,4-DICHLORO-2-BUTENE	0/48		0.00058			0.170	0.170		0.085	0.085	0.000000001	NA[1]
TRICHLOROETHENE	14/49		1.2	0.071 J	0.425	0.080	0.080	0.239	0.097	0.040	0.112	0.391
TRICHLOROFLUOROMETHANE	49/49		730	0.631 J	3.37			1.69	1.69	1.67	0.393	2.264
VINYL ACETATE	5/49		210	1.97	3.70	0.110	0.110	2.59	0.313	0.055	0.796	2.226
VINYL CHLORIDE	1/49	1	0.16	0.178 J	0.178 J	0.070	2.80	0.178	0.052	0.035	0.099	0.035

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-9

STUDY AREA 07 - PARCO EVA AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Semivolatile Organics (ug/m3)												
1,1-BIPHENYL	33/49		NC	0.0004 J	0.008 J	0.0002	0.001	0.002	0.0011	0.0008	0.0013	0.003
1,2,4,5-TETRACHLOROBENZENE	0/49		NC			0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
2,3,4,6-TETRACHLOROPHENOL	0/49		NC			0.003	0.004		0.002	0.002	0.0002	NA[1]
2,4,5-TRICHLOROPHENOL	1/49		NC	0.002 J	0.003 J	0.0007	0.001	0.002	0.0005	0.0005	0.0002	0.00048
2,4,6-TRICHLOROPHENOL	1/49		0.78	0.002 J	0.003 J	0.0005	0.0007	0.002	0.0003	0.0003	0.0002	0.00032
2,4-DICHLOROPHENOL	4/49		NC	0.002 J	0.004 J	0.0005	0.0007	0.002	0.0005	0.0003	0.0006	0.001
2,4-DIMETHYLPHENOL	29/49		NC	0.0008 J	0.127	0.0005	0.004	0.019	0.012	0.0021	0.025	0.060
2,4-DINITROPHENOL	0/46		NC			0.002	0.004		0.001	0.002	0.0001	NA[1]
2,4-DINITROTOLUENE	0/49		0.027			0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
2,6-DICHLOROPHENOL	6/49		NC	0.0006 J	0.003 J	0.0002	0.0004	0.001	0.0003	0.0002	0.0005	0.001
2,6-DINITROTOLUENE	1/49		NC	0.002 J	0.002 J	0.0002	0.0004	0.002	0.0002	0.0002	0.00027	0.00018
2-CHLORONAPHTHALENE	0/49		NC			0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
2-CHLOROPHENOL	0/49		NC			0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
2-METHYLNAPHTHALENE	23/49		NC	0.0004 J	0.006 J	0.0002	0.0009	0.001	0.0008	0.0003	0.0011	0.003
2-METHYLPHENOL	26/49		626	0.0006 J	0.076	0.0002	0.002	0.013	0.007	0.0019	0.015	0.037
2-NITROPHENOL	4/49		NC	0.0005 J	0.001 J	0.0005	0.0007	0.0009	0.0003	0.0003	0.0002	0.001
3&4-METHYLPHENOL	30/49		NC	0.002 J	0.223	0.002	0.004	0.047	0.029	0.005	0.054	0.172
3-NITROANILINE	0/49		NC			0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
4,6-DINITRO-2-METHYLPHENOL	0/49		NC			0.001	0.002		0.0007	0.0008	0.00007	NA[1]
4-BROMOPHENYL PHENYL ETHER	0/49		NC			0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
4-CHLORO-3-METHYLPHENOL	2/49		NC	0.0006 J	0.015 J	0.0005	0.0007	0.008	0.0006	0.0003	0.002	0.00037
4-CHLOROANILINE	2/49		NC	0.0003 J	0.0006 J	0.0002	0.0004	0.0005	0.0002	0.0002	0.00007	0.00019
4-NITROANILINE	0/49		6.3			0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
4-NITROPHENOL	2/48		NC	0.0009 J	0.003 J	0.0007	0.001	0.002	0.0005	0.0005	0.00032	0.001
ACENAPHTHENE	7/49		NC	0.0007 J	0.002 J	0.0002	0.0004	0.001	0.0003	0.0002	0.0004	0.001
ACENAPHTHYLENE	30/49		NC	0.0004 J	0.019	0.0002	0.0004	0.005	0.003	0.0009	0.005	0.014
ANILINE	1/49		1	0.001 J	0.001 J	0.0002	0.0004	0.001	0.0002	0.0002	0.00014	0.00018
ANTHRACENE	36/49		NC	0.0003 J	0.012 J	0.0002	0.0003	0.004	0.003	0.0015	0.003	0.010
ATRAZINE	0/49		NC			0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
BENZO(A)ANTHRACENE	31/49	1	0.0087	0.0003 J	0.009	0.0002	0.0003	0.002	0.001	0.0008	0.002	0.005
BENZO(A)PYRENE	36/49	24	0.00087	0.0003 J	0.006	0.0002	0.0002	0.002	0.001	0.0008	0.001	0.004
BENZO(B)FLUORANTHENE	15/49		0.0087	0.0005 J	0.006	0.0005	0.0007	0.002	0.0008	0.0003	0.001	0.004
BENZO(G,H,I)PERYLENE	34/49		NC	0.0004 J	0.006 J	0.0002	0.0003	0.002	0.001	0.0010	0.001	0.004
BENZO(K)FLUORANTHENE	21/49		0.0087	0.0005 J	0.006 J	0.0005	0.0007	0.002	0.0010	0.0003	0.001	0.004
BIS(2-ETHYLHEXYL)PHTHALATE	29/49		1	0.005 J	0.249	0.0003	0.136	0.036	0.031	0.021	0.037	0.078
BUTYL BENZYL PHTHALATE	5/49		NC	0.001 J	0.396	0.0003	0.015	0.085	0.009	0.0002	0.056	0.009
CARBAZOLE	6/49		NC	0.0003 J	0.001 J	0.0002	0.0004	0.0007	0.0002	0.0002	0.00022	0.001
CHRYSENE	40/49		0.087	0.0003 J	0.012 J	0.0003	0.0003	0.003	0.002	0.001	0.002	0.008
DI-N-BUTYL PHTHALATE	20/49		NC	0.008 J	0.094 J	0.0003	0.034	0.027	0.015	0.010	0.017	0.043
DI-N-OCTYL PHTHALATE	2/49		NC	0.002 J	0.005 J	0.0005	0.0007	0.004	0.0004	0.0003	0.0007	0.00035
DIBENZO(A,H)ANTHRACENE	2/49	1	0.0008	0.0007	0.006 J	0.0002	0.0003	0.002	0.0002	0.0001	0.0004	0.00013
DIBENZOFURAN	37/49		NC	0.0004 J	0.029 J	0.0002	0.0004	0.006	0.004	0.002	0.006	0.018
DIETHYL PHTHALATE	17/49		NC	0.003 J	0.053	0.0003	0.014	0.011	0.005	0.003	0.009	0.019
DIMETHYL PHTHALATE	14/49		NC	0.0004 J	0.003 J	0.0002	0.0004	0.0009	0.0004	0.0002	0.0005	0.001
DIPHENYLAMINE	4/49		NC	0.0003 J	0.001 J	0.0003	0.002	0.0007	0.0002	0.0002	0.0003	0.001
FLUORANTHENE	49/49		NC	0.001 J	0.020 J			0.007	0.007	0.005	0.005	0.018
FLUORENE	42/49		NC	0.0003 J	0.019 J	0.0003	0.0006	0.005	0.004	0.002	0.005	0.016
HEXACHLOROBENZENE	0/49		0.0053			0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
HEXACHLOROCYCLOPENTADIENE	0/49		0.21			0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
HEXACHLOROETHANE	0/49		0.61			0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
INDENO(1,2,3-CD)PYRENE	17/49		0.0087	0.001 J	0.006	0.001	0.002	0.003	0.001	0.0008	0.001	0.004
NAPHTHALENE	22/49		0.072	0.0005 J	0.013 J	0.0003	0.002	0.003	0.001	0.0006	0.002	0.004
NITROBENZENE	1/49		0.061	0.002 J	0.002 J	0.0002	0.0004	0.002	0.0002	0.0002	0.00023	0.00018
O-TOLUIDINE	1/49		0.048	0.002 J	0.002 J	0.0002	0.0004	0.002	0.0002	0.0002	0.00025	0.00018
PENTACHLOROBENZENE	0/49		NC			0.0002	0.0004		0.0001	0.0002	0.00001	NA[1]
PENTACHLOROPHENOL	0/49		0.48			0.0007	0.001		0.0004	0.0005	0.00004	NA[1]
PHENANTHRENE	49/49		NC	0.005	0.070			0.023	0.023	0.016	0.019	0.065
PHENOL	26/49		210	0.001 J	0.120	0.0003	0.040	0.016	0.009	0.003	0.019	0.034
PYRENE	49/49		NC	0.0008 J	0.020 J			0.006	0.006	0.004	0.005	0.017

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-9

STUDY AREA 07 - PARCO EVA AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Dioxins/Furans (ng/m3)												
1,2,3,4,6,7,8,9-OCDD	36/48		0.21	0.0001 J	0.006	0.00002	0.002	0.002	0.0013	0.0007	0.002	0.005
1,2,3,4,6,7,8,9-OCDF	34/48		0.21	0.00006 J	0.007	0.000010	0.0006	0.002	0.0013	0.0007	0.002	0.004
1,2,3,4,6,7,8-HPCDD	45/48		0.0064	0.00004 J	0.005	0.00001	0.00005	0.001	0.0011	0.0006	0.0013	0.004
1,2,3,4,6,7,8-HPCDF	41/47	3	0.0064	0.00008	0.010	0.00002	0.0010	0.002	0.002	0.0008	0.002	0.007
1,2,3,4,7,8,9-HPCDF	42/47		0.0064	0.00001 J	0.002	0.000002	0.00003	0.0003	0.0003	0.00008	0.0003	0.001
1,2,3,4,7,8-HXCDD	33/47		0.00064	0.000005 J	0.0003 J	0.000002	0.00004	0.00009	0.00006	0.00004	0.00008	0.00024
1,2,3,4,7,8-HXCDF	46/47	17	0.00064	0.00001 J	0.003	0.00001	0.00001	0.0006	0.0006	0.00032	0.0008	0.002
1,2,3,6,7,8-HXCDD	39/47	2	0.00064	0.00001 J	0.0009	0.000002	0.00009	0.0002	0.0002	0.00009	0.0002	0.001
1,2,3,6,7,8-HXCDF	45/47	8	0.00064	0.000009 J	0.002	0.000008	0.00002	0.0004	0.0003	0.00020	0.0004	0.001
1,2,3,7,8,9-HXCDD	38/47	1	0.00064	0.000008 J	0.0006	0.000002	0.00004	0.0001	0.00012	0.00007	0.0002	0.00045
1,2,3,7,8,9-HXCDF	34/47		0.00064	0.000001 J	0.0003 J	0.000002	0.000009	0.00006	0.00005	0.000018	0.00007	0.00017
1,2,3,7,8-PECDD	38/48	18	0.000064	0.000003 J	0.0003	0.000005	0.00003	0.00009	0.00007	0.00005	0.00008	0.00023
1,2,3,7,8-PECDF	42/48		0.0021	0.00002	0.001	0.000007	0.00003	0.0002	0.0002	0.00014	0.0002	0.001
2,3,4,6,7,8-HXCDF	45/47	11	0.00064	0.00001 J	0.002	0.000007	0.00003	0.0004	0.0004	0.00019	0.0006	0.002
2,3,4,7,8-PECDF	40/48	22	0.00021	0.00002	0.002	0.00001	0.00006	0.0003	0.0003	0.00016	0.0003	0.001
2,3,7,8-TCDD	32/48	6	0.000064	0.000003 J	0.0001	0.000004	0.00001	0.00004	0.00003	0.000019	0.00003	0.00008
2,3,7,8-TCDF	35/48		0.00064	0.00003	0.0005	0.000007	0.00003	0.0002	0.00012	0.00010	0.00011	0.00031
TEQ	47/48	33	0.000064	0.000007	0.002	0.000007	0.000007	0.0004	0.0004	0.00024	0.0005	0.001
TOTAL HPCDD	47/48		NC	0.00006 J	0.011	0.00002	0.00002	0.002	0.002	0.0011	0.003	0.008
TOTAL HPCDF	43/47		NC	0.0002 J	0.016	0.00003	0.0002	0.003	0.003	0.0014	0.004	0.011
TOTAL HXCDD	47/47		NC	0.00007 J	0.021			0.003	0.003	0.0019	0.005	0.013
TOTAL HXCDF	46/47		NC	0.00008 J	0.025	0.0002	0.0002	0.004	0.004	0.0019	0.005	0.014
TOTAL PECDD	48/48		NC	0.00007	0.024			0.003	0.003	0.0013	0.004	0.009
TOTAL PECDF	48/48		NC	0.0001 J	0.025			0.004	0.004	0.0021	0.005	0.011
TOTAL TCDD	46/48		NC	0.0001	0.017	0.00003	0.00006	0.002	0.002	0.0011	0.003	0.005
TOTAL TCDF	46/48		NC	0.0004	0.022	0.0001	0.0004	0.003	0.003	0.002	0.004	0.008
Inorganics (ug/m3)												
ALUMINUM	38/46		5.2	0.060	1.70	0.031	1.09	0.494	0.444	0.279	0.418	1.209
ANTIMONY	23/46		NC	0.006	0.022	0.004	0.007	0.010	0.006	0.004	0.005	0.016
ARSENIC	34/46	27	0.00057	0.0002	0.007	0.0002	0.002	0.002	0.0013	0.0009	0.0015	0.006
BARIUM	39/46		0.52	0.003	0.127	0.002	0.226	0.017	0.017	0.013	0.023	0.032
BERYLLIUM	2/46		0.001	0.0002	0.0002	0.0001	0.0003	0.0002	0.00009	0.00009	0.00002	0.000
CADMIUM	36/46	3	0.0014	0.0002	0.005	0.0002	0.0008	0.0008	0.0006	0.0004	0.0009	0.002
CHROMIUM	22/46	22	0.0002	0.0007	0.018	0.0003	0.011	0.004	0.003	0.002	0.003	0.006
COBALT	32/46	19	0.00027	0.0001	0.001	0.0001	0.0003	0.0004	0.0003	0.0002	0.0002	0.001
COPPER	1/46		NC	5.01	5.01	0.321	3.03	5.01	0.407	0.281	0.718	0.342
IRON	0/46		NC			6.42	13.8		5.54	5.58	0.702	NA[1]
LEAD	40/46		NC	0.004	0.157	0.001	0.029	0.026	0.023	0.015	0.026	0.064
MANGANESE	35/46		0.052	0.002	0.032	0.0001	0.022	0.013	0.011	0.011	0.007	0.025
MERCURY	1/46		0.31	0.006	0.006	0.0007	0.001	0.006	0.0006	0.002	0.0008	0.001
NICKEL	0/46		0.0094			0.160	0.346		0.139	0.140	0.018	NA[1]
SELENIUM	0/46		21			0.032	0.070		0.028	0.028	0.004	NA[1]
SILVER	0/46		NC			0.032	0.070		0.028	0.028	0.004	NA[1]
THALLIUM	5/46		NC	0.001	0.003	0.0006	0.006	0.002	0.0008	0.0006	0.0006	0.002
TIN	34/46		NC	0.001	0.012	0.0001	0.011	0.005	0.004	0.004	0.003	0.009
VANADIUM	1/46		NC	0.013	0.014	0.006	0.014	0.014	0.006	0.006	0.001	0.007
ZINC	0/46		NC			1.60	3.46		1.39	1.40	0.176	NA[1]
Miscellaneous Parameters (ug/m3)												
PM10µ 24-HOUR CONCENTRATIONS	45/46	1	150	23.4	226	6.39	6.39	58.2	57.0	53.9	23.7	108.376
Vapor Phase Mercury (ug/m3)												
MERCURY	37/49		0.31	0.0001 J	0.021 J	0.00006	0.004	0.004	0.003	0.002	0.003	0.007

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

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Aldehydes (ug/m3)												
ACETALDEHYDE	49/49	37	1.1	0.195	5.93	0.094	1.90	1.89	1.89	1.64	1.20	4.646
BENZALDEHYDE	47/48		NC	0.126 J	1.84	0.014	0.171	0.686	0.673	0.576	0.441	1.606
BUTYRALDEHYDE	37/48		NC	0.041 J	2.05	0.027	0.029	0.572	0.444	0.297	0.478	1.428
CROTONALDEHYDE	10/48		NC	0.036 J	0.268	0.013	0.023	0.112	0.029	0.007	0.053	0.142
FORMALDEHYDE	43/49	43	0.19	0.591	12.0	0.162	3.53	3.57	3.28	2.76	2.52	8.494
HEXALDEHYDE	36/48		NC	0.074 J	0.793	0.021	0.222	0.266	0.210	0.210	0.160	0.433
M-TOLUALDEHYDE	29/48		NC	0.015 J	1.07	0.014	0.152	0.427	0.264	0.149	0.304	0.795
METHACRYLALDEHYDE	41/49		NC	0.021 J	0.959	0.013	0.017	0.310	0.261	0.194	0.241	0.759
N-VALERALDEHYDE	43/48		NC	0.017 J	0.766	0.014	0.015	0.193	0.174	0.138	0.170	0.523
PROPIONALDEHYDE	45/48		8.3	0.009 J	1.49	0.269	0.521	0.406	0.394	0.272	0.370	1.216
Pesticides/PCBs (ug/m3)												
4,4'-DDD	0/48		0.035			0.0004	0.0005		0.0002	0.0002	0.00001	NA[1]
4,4'-DDE	0/48		0.025			0.0004	0.0005		0.0002	0.0002	0.00001	NA[1]
4,4'-DDT	0/48		0.025			0.0008	0.036		0.001	0.0005	0.003	NA[1]
ALDRIN	0/48		0.0005			0.0009	0.001		0.0006	0.0006	0.00004	NA[1]
ALPHA-BHC	0/48		0.0014			0.0003	0.0004		0.0002	0.0002	0.000011	NA[1]
ALPHA-CHLORDANE	0/48		0.024			0.0005	0.0006		0.0003	0.0003	0.00002	NA[1]
AROCLOR-1016	0/48		0.12			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1221	0/48		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1232	0/48		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1242	0/48		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1248	0/48		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1254	0/48		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
AROCLOR-1260	0/48		0.0043			0.0001	0.013		0.006	0.006	0.001	NA[1]
BETA-BHC	0/48		0.0046			0.0001	0.0002		0.00009	0.00009	0.000006	NA[1]
DELTA-BHC	0/48		0.0014			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
DIELDRIN	1/48	1	0.00053	0.008 J	0.008 J	0.0007	0.0009	0.008	0.0006	0.0004	0.00107	0.000
ENDOSULFAN I	2/48		NC	0.001 J	0.002 J	0.001	0.001	0.002	0.0007	0.0007	0.0003	0.001
ENDOSULFAN II	0/48		NC			0.0004	0.0006		0.0003	0.0003	0.00002	NA[1]
ENDOSULFAN SULFATE	1/48		NC	0.025 J	0.025 J	0.001	0.001	0.025	0.0011	0.0006	0.00353	0.001
ENDRIN	0/48		NC			0.0004	0.0005		0.0002	0.0002	0.00001	NA[1]
ENDRIN ALDEHYDE	0/48		NC			0.0002	0.0003		0.0001	0.0001	0.000008	NA[1]
GAMMA-BHC (LINDANE)	0/48		0.0078			0.0004	0.0005		0.0002	0.0002	0.00001	NA[1]
GAMMA-CHLORDANE	0/48		0.024			0.001	0.002		0.0008	0.0008	0.00005	NA[1]
HEPTACHLOR	0/48		0.0019			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
HEPTACHLOR EPOXIDE	0/48		0.00094			0.0006	0.0007		0.0003	0.0004	0.00002	NA[1]
METHOXYCHLOR	0/48		NC			0.002	0.002		0.001	0.001	0.00006	NA[1]
PENTACHLORONITROBENZENE	0/48		NC			0.0003	0.0007		0.0003	0.0003	0.00005	NA[1]
TOXAPHENE	0/48		0.0076			0.0010	0.116		0.051	0.056	0.013	NA[1]

Footnotes:
(1) The parameter was not detected in any of the samples. Therefore a 95th percentile was not appropriate.

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-10

STUDY AREA 08 - VILLA AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Volatile Organics (ug/m3)												
1,1,1,2-TETRACHLOROETHANE	1/48		0.33	0.221 J	0.221 J	0.180	1.80	0.221	0.123	0.090	0.147	0.18
1,1,1-TRICHLOROETHANE	15/48		5200	0.120 J	1.23	0.150	1.50	0.280	0.154	0.075	0.196	0.34
1,1,2,2-TETRACHLOROETHANE	9/48	9	0.042	0.114	0.867	0.040	0.400	0.291	0.079	0.020	0.145	0.28
1,1,2-TRICHLOROETHANE	3/48	2	0.15	0.070 J	0.311	0.080	0.800	0.199	0.063	0.040	0.078	0.28
1,1,2-TRICHLOROTRIFLUOROETHANE	42/48		31000	0.381	1.22	0.080	0.835	0.719	0.649	0.673	0.240	0.91
1,1-DICHLOROETHANE	4/48		1.5	0.094 J	0.237	0.050	0.500	0.150	0.044	0.025	0.054	0.18
1,1-DICHLOROETHENE	3/48		210	0.109 J	0.225 J	0.100	1.00	0.184	0.075	0.050	0.087	0.22
1,2,3-TRICHLOROBENZENE	7/45		NC	0.503 J	5.43	0.400	4.00	2.22	0.586	0.200	1.03	2.62
1,2,3-TRICHLOROPROPANE	1/48		NC	0.658	0.658	0.070	0.700	0.658	0.060	0.035	0.105	0.19
1,2,4-TRICHLOROBENZENE	14/46	5	2.1	0.402	15.4	0.190	1.69	2.97	1.03	0.186	2.55	4.52
1,2,4-TRIMETHYLBENZENE	39/48	1	7.3	0.050	13.5	0.050	0.653	1.08	0.897	0.524	1.94	2.00
1,2-DIBROMO-3-CHLOROPROPANE	1/45	1	0.00016	0.285	0.285	0.100	1.00	0.285	0.074	0.050	0.090	0.25
1,2-DIBROMOETHANE	2/48	2	0.0041	0.186 J	0.215	0.120	1.20	0.201	0.087	0.060	0.101	0.20
1,2-DICHLOROBENZENE	12/48		210	0.172 J	7.48	0.100	0.800	0.971	0.294	0.050	1.08	0.70
1,2-DICHLOROETHANE	9/48	9	0.094	0.099 J	0.337	0.100	1.00	0.194	0.094	0.050	0.101	0.33
1,2-DICHLOROPROPANE	33/48	33	0.24	0.316	80.8	0.090	0.399	5.11	3.53	0.837	11.7	6.26
1,2-DICHLOROTETRAFLUOROETHANE	4/48		NC	0.239 J	0.572 J	0.260	2.60	0.387	0.195	0.130	0.222	0.51
1,3,5-TRIMETHYLBENZENE	33/48		NC	0.097 J	4.72	0.050	0.290	0.455	0.325	0.163	0.717	0.69
1,3-BUTADIENE	3/48	3	0.081	0.688 J	0.813 J	0.490	4.90	0.748	0.358	0.245	0.411	0.79
1,3-DICHLOROBENZENE	10/48		NC	0.135 J	1.01	0.090	0.900	0.335	0.123	0.045	0.189	0.42
1,4-DICHLOROBENZENE	16/47	8	0.22	0.082 J	1.36	0.090	0.900	0.427	0.193	0.045	0.288	0.71
2-BUTANONE	39/48		5200	0.538 J	5.66	0.330	3.30	2.04	1.74	1.52	1.26	4.13
ACETONE	45/48		32000	4.15	103	1.06	10.6	16.0	15.2	12.4	14.9	33.10
ACETONITRILE	31/48		63	0.418 J	16.1	0.380	3.80	1.87	1.34	0.814	2.37	3.40
ACETOPHENONE	14/46		NC	1.17 J	30.5	1.02	10.2	9.10	3.30	0.510	6.29	17.05
ACROLEIN	30/48	30	0.021	0.437 J	5.96	0.410	4.10	2.12	1.47	1.25	1.38	3.49
ACRYLONITRILE	4/48	4	0.036	0.310 J	0.918	0.200	2.00	0.602	0.175	0.100	0.220	0.79
BENZENE	48/48	47	0.31	0.103 J	454			11.0	11.0	1.05	65.3	4.89
BIS(2-CHLOROETHYL)ETHER	0/48		0.0074			0.160	1.60		0.107	0.080	0.130	NA[1]
BROMODICHLOROMETHANE	2/48	2	0.066	0.161 J	0.293 J	0.150	1.50	0.227	0.106	0.075	0.125	0.25
BROMOFORM	3/48		2.2	0.220 J	0.265 J	0.110	1.10	0.246	0.085	0.055	0.099	0.26
BROMOMETHANE	8/48		5.2	0.134 J	0.292	0.070	0.700	0.222	0.078	0.035	0.090	0.28
CARBON DISULFIDE	38/48		730	0.104 J	17.9	0.100	1.07	1.77	1.42	0.529	2.73	3.42
CARBON TETRACHLORIDE	44/48	44	0.16	0.165 J	0.974	0.564	1.30	0.626	0.612	0.614	0.156	0.86
CHLOROBENZENE	10/48		52	0.062 J	1.33	0.040	0.367	0.296	0.085	0.020	0.199	0.25
CHLORODIBROMOMETHANE	2/48	2	0.09	0.267 J	0.274 J	0.240	2.40	0.271	0.166	0.120	0.196	0.27
CHLOROETHANE	0/48		10000			0.110	1.10		0.073	0.055	0.090	NA[1]
CHLOROFORM	19/48	19	0.11	0.121 J	0.480	0.110	1.10	0.229	0.145	0.055	0.130	0.44
CHLOROMETHANE	45/48	1	94	0.939	94.1	0.070	0.560	3.61	3.39	1.53	13.4	2.10
CIS-1,2-DICHLOROETHENE	3/48		NC	0.078 J	0.238	0.090	0.900	0.167	0.068	0.045	0.079	0.22
CIS-1,3-DICHLOROPROPENE	11/48	3	0.61	0.102 J	0.912	0.040	0.400	0.414	0.117	0.020	0.203	0.60
CYCLOHEXANE	29/48		6300	0.151 J	797	0.110	1.10	28.7	17.4	0.393	115	4.22
DIBROMOMETHANE	2/48		NC	0.159 J	0.209 J	0.150	1.50	0.184	0.105	0.075	0.123	0.19
DICHLORODIFLUOROMETHANE	47/48		210	1.27	37.0	0.180	0.180	3.09	3.03	2.22	5.10	3.21
ETHYLBENZENE	44/48	11	0.97	0.136 J	26.6	0.371	0.840	1.26	1.18	0.419	3.78	1.89
HEXACHLOROBUTADIENE	13/48	13	0.11	0.240	1.48	0.240	2.40	0.582	0.326	0.188	0.327	0.96
HEXANE	46/48	1	730	0.180 J	5880	0.170	0.170	135	129	1.01	848	6.83
ISOBUTANOL	6/48		NC	1.61	15.5	0.460	4.60	6.59	1.10	0.230	2.88	4.85
ISOPROPYLBENZENE	9/48		420	0.084 J	4.88	0.070	0.700	0.772	0.180	0.035	0.703	0.36
M+P-XYLENES	45/48		730	0.354	70.7	0.198	1.39	3.48	3.29	1.36	10.0	4.71
METHYL ACETATE	19/48		NC	0.275 J	1.54	0.270	2.70	0.637	0.379	0.135	0.367	1.13
METHYL CYCLOHEXANE	27/48		NC	0.084 J	640	0.080	0.800	24.4	13.7	0.122	92.3	1.70
METHYL TERT-BUTYL ETHER	19/48		9.4	0.166 J	3.25	0.170	1.70	0.855	0.418	0.085	0.593	1.42
METHYLENE CHLORIDE	44/48	1	5.2	0.119 J	16.1	0.080	0.080	1.12	1.03	0.656	2.27	1.77
O-XYLENE	44/48		730	0.151 J	28.0	0.060	0.444	1.36	1.25	0.458	3.98	1.94
PENTACHLOROETHANE	0/48		NC			0.250	2.50		0.167	0.125	0.204	NA[1]
STYRENE	32/48		1000	0.149 J	2.39	0.070	0.700	0.699	0.492	0.366	0.507	1.39
TETRACHLOROETHENE	28/48	28	0.41	1.52 J	56.7	1.45	4.49	5.62	3.61	1.97	8.28	13.12
TOLUENE	48/48		5200	0.157 J	618			15.8	15.8	2.27	88.8	7.67
TRANS-1,2-DICHLOROETHENE	2/48		63	0.090 J	0.244 J	0.110	1.10	0.167	0.078	0.055	0.093	0.20
TRANS-1,3-DICHLOROPROPENE	8/48	3	0.61	0.120 J	0.904	0.070	0.700	0.427	0.112	0.035	0.191	0.55
TRANS-1,4-DICHLORO-2-BUTENE	0/46		0.00058			0.170	1.70		0.115	0.085	0.141	NA[1]
TRICHLOROETHENE	10/48		1.2	0.088 J	0.377	0.080	0.800	0.209	0.090	0.040	0.098	0.32
TRICHLOROFLUOROMETHANE	45/48		730	0.946	3.51	0.310	3.10	1.71	1.66	1.67	0.477	2.31
VINYL ACETATE	7/48		210	0.473 J	5.06	0.110	1.10	2.97	0.498	0.055	1.17	3.50
VINYL CHLORIDE	1/48		0.16	0.066 J	0.096 J	0.070	0.700	0.066	0.047	0.035	0.057	0.04

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-10

STUDY AREA 08 - VILLA AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Semivolatile Organics (ug/m3)												
1,1-BIPHENYL	26/49		NC	0.0003 J	0.003 J	0.0003	0.002	0.001	0.0007	0.0004	0.0008	0.002
1,2,4,5-TETRACHLOROBENZENE	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
2,3,4,6-TETRACHLOROPHENOL	0/47		NC			0.003	0.004		0.002	0.002	0.0001	NA[1]
2,4,5-TRICHLOROPHENOL	1/47		NC	0.002 J	0.002 J	0.0007	0.0010	0.002	0.0005	0.0005	0.0002	0.00048
2,4,6-TRICHLOROPHENOL	1/47		0.78	0.006 J	0.006 J	0.0005	0.0006	0.006	0.0004	0.0003	0.0008	0.00032
2,4-DICHLOROPHENOL	2/47		NC	0.002 J	0.002 J	0.0005	0.0006	0.002	0.0004	0.0003	0.0003	0.00032
2,4-DIMETHYLPHENOL	22/47		NC	0.0006 J	0.061	0.0005	0.0006	0.009	0.004	0.0003	0.010	0.021
2,4-DINITROPHENOL	0/45		NC			0.002	0.003		0.001	0.002	0.00010	NA[1]
2,4-DINITROTOLUENE	0/48		0.027			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
2,6-DICHLOROPHENOL	2/47		NC	0.001 J	0.002 J	0.0002	0.001	0.002	0.0002	0.0002	0.0004	0.00045
2,6-DINITROTOLUENE	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
2-CHLORONAPHTHALENE	1/48		NC	0.0005 J	0.0005 J	0.0002	0.0003	0.0005	0.0002	0.0002	0.00006	0.00016
2-CHLOROPHENOL	0/47		NC			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
2-METHYLNAPHTHALENE	12/48		NC	0.0003 J	0.003 J	0.0003	0.002	0.0010	0.0004	0.0002	0.0005	0.001
2-METHYLPHENOL	18/47		626	0.0003 J	0.056	0.0002	0.0003	0.010	0.004	0.0002	0.010	0.021
2-NITROPHENOL	7/47		NC	0.0005 J	0.003 J	0.0005	0.0006	0.002	0.0005	0.0003	0.0006	0.002
3&4-METHYLPHENOL	33/47		NC	0.002 J	0.145	0.002	0.007	0.022	0.016	0.004	0.030	0.077
3-NITROANILINE	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
4,6-DINITRO-2-METHYLPHENOL	0/47		NC			0.001	0.002		0.0007	0.0008	0.00005	NA[1]
4-BROMOPHENYL PHENYL ETHER	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
4-CHLORO-3-METHYLPHENOL	1/47		NC	0.003 J	0.003 J	0.0005	0.0006	0.003	0.0004	0.0003	0.0005	0.00032
4-CHLOROANILINE	0/48		NC			0.0002	0.0005		0.0001	0.0002	0.00002	NA[1]
4-NITROANILINE	0/48		6.3			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
4-NITROPHENOL	4/46		NC	0.0010 J	0.003 J	0.0007	0.0010	0.002	0.0006	0.0005	0.0006	0.002
ACENAPHTHENE	3/48		NC	0.0007 J	0.001 J	0.0002	0.0003	0.0009	0.0002	0.0002	0.0002	0.00050
ACENAPHTHYLENE	17/49		NC	0.0003 J	0.008	0.0002	0.0003	0.002	0.0007	0.0002	0.001	0.003
ANILINE	2/49		1	0.0006 J	0.001 J	0.0002	0.009	0.0007	0.0003	0.0002	0.0006	0.00042
ANTHRACENE	17/48		NC	0.0002 J	0.005 J	0.0002	0.0003	0.002	0.0008	0.0002	0.001	0.004
ATRAZINE	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
BENZO(A)ANTHRACENE	8/48		0.0087	0.0004 J	0.004	0.0002	0.0003	0.002	0.0004	0.0002	0.0008	0.002
BENZO(A)PYRENE	7/48	6	0.00087	0.0003 J	0.003	0.0002	0.0003	0.002	0.0004	0.0001	0.0007	0.002
BENZO(B)FLUORANTHENE	2/48		0.0087	0.001 J	0.003	0.0005	0.0006	0.002	0.0004	0.0003	0.0004	0.00032
BENZO(G,H,I)PERYLENE	7/48		NC	0.0007	0.002	0.0002	0.0003	0.001	0.0003	0.0002	0.0005	0.002
BENZO(K)FLUORANTHENE	4/48		0.0087	0.0008 J	0.004 J	0.0005	0.0006	0.002	0.0005	0.0003	0.0007	0.001
BIS(2-ETHYLHEXYL)PHTHALATE	26/49		1	0.003 J	0.494 J	0.0003	0.567	0.039	0.030	0.013	0.061	0.070
BUTYL BENZYL PHTHALATE	3/48		NC	0.0007 J	0.005 J	0.0002	0.026	0.003	0.0006	0.0002	0.002	0.003
CARBAZOLE	3/48		NC	0.0004 J	0.0009 J	0.0002	0.0003	0.0006	0.0002	0.0002	0.0001	0.00034
CHRYSENE	20/48		0.087	0.0002 J	0.005 J	0.0003	0.0003	0.002	0.0007	0.0002	0.001	0.003
DI-N-BUTYL PHTHALATE	17/49		NC	0.005 J	0.091	0.0003	0.035	0.033	0.014	0.005	0.022	0.067
DI-N-OCTYL PHTHALATE	0/48		NC			0.0005	0.0006		0.0003	0.0003	0.00002	NA[1]
DIBENZO(A,H)ANTHRACENE	0/48		0.0008			0.0002	0.0002		0.0001	0.0001	0.000007	NA[1]
DIBENZOFURAN	28/49		NC	0.0003 J	0.018 J	0.0002	0.0003	0.004	0.002	0.0006	0.004	0.012
DIETHYL PHTHALATE	20/48		NC	0.003 J	0.023 J	0.0003	0.055	0.009	0.005	0.003	0.006	0.018
DIMETHYL PHTHALATE	13/48		NC	0.0003 J	0.0006 J	0.0003	0.0003	0.0004	0.0002	0.0002	0.0001	0.00046
DIPHENYLAMINE	6/48		NC	0.0004 J	0.003 J	0.0003	0.001	0.0009	0.0003	0.0002	0.0003	0.001
FLUORANTHENE	48/49		NC	0.0004 J	0.010 J	0.0003	0.0003	0.003	0.002	0.002	0.002	0.007
FLUORENE	29/48		NC	0.0003 J	0.011 J	0.0002	0.0007	0.003	0.002	0.0007	0.003	0.009
HEXACHLOROBENZENE	0/48		0.0053			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
HEXACHLOROCYCLOPENTADIENE	0/48		0.21			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
HEXACHLOROETHANE	0/48		0.61			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
INDENO(1,2,3-CD)PYRENE	4/48		0.0087	0.001 J	0.002 J	0.001	0.002	0.002	0.0008	0.0008	0.0004	0.002
NAPHTHALENE	18/48		0.072	0.0003 J	0.005 J	0.0003	0.002	0.001	0.0007	0.0004	0.0009	0.003
NITROBENZENE	0/48		0.061			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
O-TOLUIDINE	0/48		0.048			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
PENTACHLOROBENZENE	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.000010	NA[1]
PENTACHLOROPHENOL	0/47		0.48			0.0007	0.0010		0.0004	0.0005	0.00003	NA[1]
PHENANTHRENE	45/49		NC	0.002 J	0.040	0.002	0.004	0.009	0.009	0.006	0.009	0.030
PHENOL	18/48		210	0.0009 J	0.082	0.0003	0.003	0.014	0.005	0.0005	0.014	0.027
PYRENE	48/49		NC	0.0004 J	0.009 J	0.0003	0.0003	0.002	0.002	0.002	0.002	0.006

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-10

STUDY AREA 08 - VILLA AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Dioxins/Furans (ng/m3)												
1,2,3,4,6,7,8,9-OCDD	32/49		0.21	0.0001 J	0.018	0.00003	0.0004	0.002	0.002	0.0003	0.003	0.0064
1,2,3,4,6,7,8,9-OCDF	37/49		0.21	0.00003 J	0.013	0.000009	0.0005	0.002	0.001	0.0002	0.003	0.0072
1,2,3,4,6,7,8-HPCDD	40/49	3	0.0064	0.00007 J	0.013	0.00001	0.00004	0.002	0.001	0.0003	0.003	0.0055
1,2,3,4,6,7,8-HPCDF	39/48	5	0.0064	0.00005 J	0.023	0.00002	0.0002	0.003	0.002	0.0005	0.004	0.0106
1,2,3,4,7,8,9-HPCDF	39/48		0.0064	0.000006 J	0.003 J	0.000002	0.00003	0.0003	0.0003	0.00005	0.0005	0.0015
1,2,3,4,7,8-HXCDD	31/48	2	0.00064	0.000003 J	0.0007	0.000002	0.00003	0.0001	0.00008	0.00002	0.0001	0.0004
1,2,3,4,7,8-HXCDF	44/48	13	0.00064	0.00001 J	0.005 J	0.000008	0.00004	0.0007	0.0007	0.0001	0.001	0.0038
1,2,3,6,7,8-HXCDD	37/48	4	0.00064	0.000003 J	0.002	0.000002	0.00005	0.0003	0.0002	0.00004	0.0004	0.0010
1,2,3,6,7,8-HXCDF	44/48	7	0.00064	0.000008 J	0.003	0.000006	0.00002	0.0004	0.0004	0.00009	0.0007	0.0018
1,2,3,7,8,9-HXCDD	34/48	3	0.00064	0.000002 J	0.002	0.000001	0.00004	0.0002	0.0001	0.00003	0.0003	0.0007
1,2,3,7,8,9-HXCDF	26/47		0.00064	0.000003 J	0.0004	0.000001	0.00001	0.00009	0.00005	0.000008	0.00009	0.0002
1,2,3,7,8-PECDD	33/48	15	0.000064	0.000003 J	0.0005 J	0.000002	0.00003	0.0001	0.00008	0.00002	0.0001	0.0004
1,2,3,7,8-PECDF	45/49		0.0021	0.000009 J	0.001 J	0.000007	0.00002	0.0002	0.0002	0.00006	0.0003	0.0011
2,3,4,6,7,8-HXCDF	44/48	12	0.00064	0.000007 J	0.005	0.000007	0.00002	0.0006	0.0005	0.0001	0.0010	0.0022
2,3,4,7,8-PECDF	41/49	16	0.00021	0.00001 J	0.002 J	0.000008	0.00005	0.0003	0.0003	0.00008	0.0004	0.0014
2,3,7,8-TCDD	25/48	5	0.000064	0.000005 J	0.0001 J	0.000002	0.00002	0.00004	0.00002	0.000008	0.00003	0.0001
2,3,7,8-TCDF	35/49	2	0.00064	0.00001 J	0.001 J	0.000007	0.0001	0.0002	0.0001	0.00005	0.0002	0.0004
TEQ	47/49	34	0.000064	0.000005	0.003	0.000003	0.000003	0.0005	0.0004	0.0001	0.0007	0.0022
TOTAL HPCDD	44/49		NC	0.00004 J	0.030	0.00002	0.00009	0.003	0.003	0.0006	0.006	0.0123
TOTAL HPCDF	41/48		NC	0.00005 J	0.035	0.00003	0.0001	0.004	0.003	0.0007	0.007	0.0169
TOTAL HXCDD	45/48		NC	0.00003 J	0.036 J	0.00006	0.0001	0.004	0.004	0.0008	0.008	0.0191
TOTAL HXCDF	47/48		NC	0.00007 J	0.039	0.00006	0.00006	0.005	0.005	0.001	0.008	0.0214
TOTAL PECDD	47/49		NC	0.00004 J	0.024 J	0.00006	0.0001	0.003	0.003	0.0007	0.005	0.0139
TOTAL PECDF	47/49		NC	0.0001 J	0.026	0.00006	0.0002	0.004	0.004	0.0010	0.006	0.0153
TOTAL TCDD	48/49		NC	0.00006 J	0.012 J	0.00009	0.00009	0.002	0.002	0.0006	0.003	0.0090
TOTAL TCDF	47/49		NC	0.0002 J	0.018	0.0002	0.0003	0.003	0.003	0.001	0.004	0.0122
Inorganics (ug/m3)												
ALUMINUM	41/49		5.2	0.015	2.28	0.313	2.48	0.632	0.618	0.383	0.559	1.767
ANTIMONY	17/49		NC	0.005	0.069	0.005	0.009	0.019	0.008	0.003	0.013	0.035
ARSENIC	27/49	22	0.00057	0.0002	0.006	0.0002	0.001	0.001	0.0008	0.0004	0.001	0.003
BARIUM	39/49		0.52	0.003	0.036	0.003	0.214	0.013	0.013	0.012	0.016	0.027
BERYLLIUM	2/49		0.001	0.0002	0.0004	0.0001	0.0004	0.0003	0.0001	0.00010	0.00004	0.000
CADMIUM	24/49	2	0.0014	0.0002	0.002	0.0002	0.002	0.0006	0.0004	0.0002	0.0004	0.001
CHROMIUM	18/49	18	0.0002	0.0008	0.006 J	0.0004	0.010	0.003	0.002	0.002	0.002	0.005
COBALT	28/49	14	0.00027	0.0001	0.0006	0.0001	0.0008	0.0003	0.0002	0.0002	0.0002	0.001
COPPER	0/49		NC			0.461	0.852		0.302	0.294	0.042	NA[1]
IRON	0/49		NC			9.23	17.0		6.04	5.89	0.836	NA[1]
LEAD	44/49		NC	0.001	0.136	0.001	0.069	0.020	0.019	0.012	0.026	0.058
MANGANESE	38/49		0.052	0.0007	0.041	0.0002	0.059	0.013	0.012	0.009	0.009	0.031
MERCURY	1/49		0.31	0.007	0.007	0.0007	0.011	0.007	0.0007	0.002	0.001	0.001
NICKEL	0/49		0.0094			0.230	0.425		0.151	0.147	0.021	0.188
SELENIUM	0/49		21			0.046	0.085		0.030	0.029	0.004	NA[1]
SILVER	0/49		NC			0.046	0.085		0.030	0.029	0.004	NA[1]
THALLIUM	5/49		NC	0.001	0.007	0.0009	0.003	0.003	0.0009	0.0006	0.0009	0.002
TIN	30/49		NC	0.0002	0.013	0.0002	0.024	0.004	0.003	0.002	0.003	0.010
VANADIUM	1/49		NC	0.016	0.016	0.009	0.017	0.016	0.006	0.006	0.002	0.008
ZINC	0/49		NC			2.30	4.25		1.51	1.47	0.209	NA[1]
Miscellaneous Parameters (ug/m3)												
PM10µ 24-HOUR CONCENTRATIONS	49/49	1	150	6.47	207			54.7	54.7	47.9	35.1	134
Vapor Phase Mercury (ug/m3)												
MERCURY	41/49		0.31	0.0008 J	0.011 J	0.00005	0.007	0.003	0.003	0.002	0.002	0.008

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-10

STUDY AREA 08 - VILLA AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Aldehydes (ug/m3)												
ACETALDEHYDE	45/49	22	1.1	0.131 J	5.17	0.565	1.37	1.34	1.28	0.974	1.01	3.030
BENZALDEHYDE	44/49		NC	0.104 J	41.1	0.014	1.96	1.88	1.71	0.458	5.86	4.717
BUTYRALDEHYDE	36/49		NC	0.047 J	2.06	0.027	0.032	0.374	0.279	0.154	0.400	0.969
CROTONALDEHYDE	9/49		NC	0.018 J	0.551	0.013	0.019	0.171	0.037	0.007	0.095	0.190
FORMALDEHYDE	46/49	45	0.19	0.057 J	15.8	1.94	3.38	2.30	2.25	1.86	2.28	5.035
HEXALDEHYDE	35/49		NC	0.063 J	2.48	0.021	0.234	0.294	0.217	0.147	0.361	0.523
M-TOLUALDEHYDE	17/49		NC	0.025 J	1.71	0.013	0.197	0.386	0.144	0.010	0.317	0.609
METHACRYLALDEHYDE	30/49		NC	0.021 J	6.13	0.013	0.019	0.415	0.257	0.060	0.876	0.634
N-VALERALDEHYDE	36/49		NC	0.015 J	1.59	0.014	0.015	0.217	0.162	0.068	0.299	0.456
PROPIONALDEHYDE	41/49		8.3	0.040 J	1.46	0.007	0.632	0.232	0.204	0.140	0.234	0.541
Pesticides/PCBs (ug/m3)												
4,4'-DDD	1/48		0.035	0.004 J	0.004 J	0.0004	0.0006	0.004	0.0003	0.0002	0.0005	0.00024
4,4'-DDE	0/48		0.025			0.0004	0.0007		0.0002	0.0002	0.00002	NA[1]
4,4'-DDT	0/48		0.025			0.0008	0.022		0.0007	0.0005	0.002	NA[1]
ALDRIN	0/48		0.0005			0.0010	0.002		0.0006	0.0006	0.00005	NA[1]
ALPHA-BHC	0/48		0.0014			0.0003	0.0005		0.0002	0.0002	0.00001	NA[1]
ALPHA-CHLORDANE	0/48		0.024			0.0005	0.0008		0.0003	0.0003	0.00002	NA[1]
AROCLOR-1016	0/48		0.12			0.0001	0.016		0.006	0.006	0.002	NA[1]
AROCLOR-1221	0/48		0.0043			0.0001	0.016		0.006	0.006	0.002	NA[1]
AROCLOR-1232	0/48		0.0043			0.0001	0.016		0.006	0.006	0.002	NA[1]
AROCLOR-1242	0/48		0.0043			0.0001	0.016		0.006	0.006	0.002	NA[1]
AROCLOR-1248	0/48		0.0043			0.0001	0.016		0.006	0.006	0.002	NA[1]
AROCLOR-1254	0/48		0.0043			0.0001	0.016		0.006	0.006	0.002	NA[1]
AROCLOR-1260	0/48		0.0043			0.0001	0.016		0.006	0.006	0.002	NA[1]
BETA-BHC	0/48		0.0046			0.0002	0.0002		0.00009	0.00009	0.000007	NA[1]
DELTA-BHC	0/48		0.0014			0.0006	0.0009		0.0003	0.0003	0.00003	NA[1]
DIELDRIN	1/48	1	0.00053	0.004 J	0.004 J	0.0007	0.001	0.004	0.0005	0.0004	0.0006	0.00043
ENDOSULFAN I	0/48		NC			0.001	0.002		0.0007	0.0007	0.00006	NA[1]
ENDOSULFAN II	0/48		NC			0.0005	0.0007		0.0003	0.0003	0.00002	NA[1]
ENDOSULFAN SULFATE	0/48		NC			0.001	0.002		0.0006	0.0006	0.00005	NA[1]
ENDRIN	0/48		NC			0.0004	0.0006		0.0002	0.0002	0.00002	NA[1]
ENDRIN ALDEHYDE	0/48		NC			0.0002	0.0004		0.0001	0.0001	0.00001	NA[1]
GAMMA-BHC (LINDANE)	0/48		0.0078			0.0004	0.0007		0.0002	0.0002	0.00002	NA[1]
GAMMA-CHLORDANE	0/48		0.024			0.001	0.002		0.0008	0.0008	0.00007	NA[1]
HEPTACHLOR	0/48		0.0019			0.0005	0.0009		0.0003	0.0003	0.00003	NA[1]
HEPTACHLOR EPOXIDE	0/48		0.00094			0.0006	0.0009		0.0003	0.0004	0.00003	NA[1]
METHOXYCHLOR	0/48		NC			0.002	0.003		0.001	0.001	0.00008	NA[1]
PENTACHLORONITROBENZENE	0/48		NC			0.0003	0.0009		0.0003	0.0003	0.00005	NA[1]
TOXAPHENE	0/48		0.0076			0.0009	0.147		0.050	0.056	0.016	NA[1]

Footnotes:
(1) The parameter was not detected in any of the samples. Therefore a 95th percentile was not appropriate.

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.

TABLE 2-11

STUDY AREA 09 - PARCO LE GINESTRE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Volatile Organics (ug/m3)												
1,1,1,2-TETRACHLOROETHANE	4/48		0.33	0.198 J	0.270 J	0.180	0.180	0.235	0.102	0.090	0.041	0.205
1,1,1-TRICHLOROETHANE	11/48		5200	0.165 J	0.275 J	0.150	0.199	0.212	0.107	0.075	0.061	0.245
1,1,2,2-TETRACHLOROETHANE	11/48	11	0.042	0.136 J	0.426	0.040	0.040	0.294	0.083	0.020	0.126	0.395
1,1,2-TRICHLOROETHANE	1/48	1	0.15	0.367	0.367	0.080	0.080	0.367	0.047	0.040	0.047	0.040
1,1,2-TRICHLOROTRIFLUOROETHANE	42/48		31000	0.325 J	1.73	0.080	0.836	0.718	0.642	0.678	0.291	0.911
1,1-DICHLOROETHANE	2/48		1.5	0.078 J	0.128 J	0.050	0.050	0.103	0.028	0.025	0.017	0.025
1,1-DICHLOROETHENE	1/48		210	0.182 J	0.182 J	0.100	0.100	0.182	0.053	0.050	0.019	0.050
1,2,3-TRICHLOROBENZENE	4/43		NC	1.55	1.79	0.400	0.400	1.70	0.339	0.200	0.441	1.676
1,2,3-TRICHLOROPROPANE	0/48		NC			0.070	0.070		0.035	0.035		NA[1]
1,2,4-TRICHLOROBENZENE	14/46	2	2.1	0.304 J	2.31	0.190	2.87	1.28	0.535	0.095	0.678	1.903
1,2,4-TRIMETHYLBENZENE	46/48		7.3	0.200 J	3.19	0.050	1.44	1.05	1.03	0.927	0.572	1.987
1,2-DIBROMO-3-CHLOROPROPANE	4/43	4	0.00016	0.260	0.350	0.100	0.100	0.298	0.073	0.050	0.074	0.280
1,2-DIBROMOETHANE	1/48	1	0.0041	0.149 J	0.149 J	0.120	0.157	0.149	0.062	0.060	0.013	0.060
1,2-DICHLOROBENZENE	15/48		210	0.131	0.933	0.100	0.629	0.465	0.187	0.050	0.265	0.895
1,2-DICHLOROETHANE	11/48	11	0.094	0.098 J	0.257	0.100	0.100	0.159	0.075	0.050	0.053	0.206
1,2-DICHLOROPROPANE	30/48	30	0.24	0.315	18.4	0.090	0.505	3.38	2.14	0.621	3.57	10.539
1,2-DICHLOROTETRAFLUOROETHANE	3/48		NC	0.269 J	0.503 J	0.260	0.260	0.370	0.145	0.130	0.064	0.220
1,3,5-TRIMETHYLBENZENE	35/48		NC	0.122 J	0.909	0.050	0.667	0.389	0.301	0.278	0.215	0.630
1,3-BUTADIENE	6/48	6	0.081	0.493 J	1.22	0.490	0.490	0.679	0.299	0.245	0.162	0.617
1,3-DICHLOROBENZENE	15/48		NC	0.090	0.872	0.090	0.493	0.389	0.159	0.045	0.232	0.842
1,4-DICHLOROBENZENE	17/47	13	0.22	0.159 J	1.67	0.090	0.212	0.559	0.232	0.045	0.340	0.794
2-BUTANONE	46/48		5200	0.418 J	16.1	0.330	0.330	2.33	2.24	1.66	2.53	3.900
ACETONE	48/48		32000	5.40 J	40.4			15.4	15.4	14.8	6.76	25.455
ACETONITRILE	27/48		63	0.392 J	2.28	0.380	0.380	0.884	0.580	0.431	0.499	1.303
ACETOPHENONE	11/46		NC	1.31 J	76.0 J	1.02	1.02	16.4	4.31	0.510	12.5	21.700
ACROLEIN	35/48	35	0.021	0.412 J	21.5	0.410	0.410	2.86	2.14	1.58	3.22	4.846
ACRYLONITRILE	3/48	3	0.036	0.224 J	0.771	0.200	0.200	0.476	0.124	0.100	0.108	0.181
BENZENE	48/48	48	0.31	0.488	6.67			1.70	1.70	1.26	1.19	3.446
BIS(2-CHLOROETHYL)ETHER	0/48		0.0074			0.160	0.160		0.080	0.080		NA[1]
BROMODICHLOROMETHANE	2/48	2	0.066	0.204 J	0.587	0.150	0.150	0.396	0.088	0.075	0.076	0.075
BROMOFORM	0/48		2.2			0.110	0.110		0.055	0.055		NA[1]
BROMOMETHANE	4/48		5.2	0.161 J	0.390	0.070	0.070	0.273	0.055	0.035	0.071	0.214
CARBON DISULFIDE	38/48		730	0.104 J	14.3	0.100	0.880	1.79	1.43	0.441	2.59	6.548
CARBON TETRACHLORIDE	44/48	44	0.16	0.322 J	0.922	0.688	0.746	0.615	0.594	0.596	0.137	0.806
CHLOROBENZENE	7/48		52	0.073 J	0.372	0.040	0.374	0.168	0.052	0.020	0.072	0.184
CHLORODIBROMOMETHANE	1/48	1	0.09	0.243 J	0.243 J	0.240	0.240	0.243	0.123	0.120	0.018	0.120
CHLOROETHANE	1/48		10000	0.217 J	0.217 J	0.110	0.110	0.217	0.058	0.055	0.023	0.055
CHLOROFORM	19/48	18	0.11	0.103 J	0.322	0.110	0.262	0.212	0.122	0.055	0.088	0.295
CHLOROMETHANE	46/48		94	0.514 J	38.6	0.070	0.070	2.33	2.24	1.56	5.38	2.145
CIS-1,2-DICHLOROETHENE	5/48		NC	0.131 J	0.194 J	0.090	0.090	0.161	0.057	0.045	0.036	0.154
CIS-1,3-DICHLOROPROPENE	2/48		0.61	0.186 J	0.467	0.040	0.040	0.327	0.033	0.020	0.068	0.020
CYCLOHEXANE	29/48		6300	0.112 J	11.7	0.110	0.110	1.02	0.635	0.245	1.70	1.789
DIBROMOMETHANE	3/48		NC	0.211 J	0.248 J	0.150	0.150	0.226	0.084	0.075	0.037	0.163
DICHLORODIFLUOROMETHANE	48/48		210	0.397 J	20.4			2.59	2.59	2.34	2.71	3.126
ETHYLBENZENE	46/48	16	0.97	0.221 J	2.87	0.635	0.777	0.928	0.904	0.718	0.598	2.211
HEXACHLOROBUTADIENE	14/48	14	0.11	0.240	2.22	0.240	2.39	0.870	0.407	0.120	0.536	1.757
HEXANE	45/48		730	0.206 J	233	0.170	0.170	12.1	11.4	0.738	39.7	39.295
ISOBUTANOL	9/48		NC	0.518 J	10.9	0.460	0.460	3.16	0.779	0.230	1.73	3.509
ISOPROPYLBENZENE	11/48		420	0.131	0.623	0.070	0.070	0.265	0.088	0.035	0.116	0.303
M+P-XYLENES	48/48		730	0.738 J	10.3			3.18	3.18	2.80	2.03	7.179
METHYL ACETATE	26/48		NC	0.282 J	1.42	0.270	0.270	0.616	0.396	0.302	0.340	1.116
METHYL CYCLOHEXANE	28/48		NC	0.099 J	16.6	0.080	0.080	1.04	0.622	0.155	2.40	1.042
METHYL TERT-BUTYL ETHER	20/48		9.4	0.627	3.04	0.170	0.170	1.38	0.625	0.085	0.789	2.219
METHYLENE CHLORIDE	44/48	**	5.2	0.288	7.09 J	0.080	0.080	1.08	0.993	0.730	1.03	2.815
O-XYLENE	47/48		730	0.173	3.09	0.060	0.739	1.10	1.08	0.932	0.644	2.232
PENTACHLOROETHANE	0/48		NC			0.250	0.250		0.125	0.125		NA[1]
STYRENE	32/48		1000	0.176 J	2.34	0.070	0.509	0.612	0.433	0.279	0.485	1.386
TETRACHLOROETHENE	37/48	37	0.41	1.45 J	22.7	1.45	1.45	3.89	3.16	2.20	3.65	9.628
TOLUENE	48/48		5200	1.18	26.7			4.88	4.88	3.84	3.86	9.648
TRANS-1,2-DICHLOROETHENE	0/48		63			0.110	0.110		0.055	0.055		NA[1]
TRANS-1,3-DICHLOROPROPENE	2/48	1	0.61	0.332	0.632	0.070	0.070	0.482	0.054	0.035	0.095	0.035
TRANS-1,4-DICHLORO-2-BUTENE	0/47		0.00058			0.170	0.170		0.085	0.085	0.000000002	NA[1]
TRICHLOROETHENE	11/48		1.2	0.101 J	0.996	0.080	0.381	0.299	0.103	0.040	0.160	0.360
TRICHLOROFLUOROMETHANE	48/48		730	0.861 J	2.48			1.69	1.69	1.71	0.298	2.252
VINYL ACETATE	8/48		210	1.07 J	4.53	0.110	0.110	2.72	0.499	0.055	1.08	2.964
VINYL CHLORIDE	1/48		0.16	0.120 J	0.120 J	0.070	0.070	0.120	0.037	0.035	0.012	0.035

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.
** Only the Duplicate exceeded RSL.

TABLE 2-11

STUDY AREA 09 - PARCO LE GINESTRE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Semivolatile Organics (ug/m3)												
1,1-BIPHENYL	19/49		NC	0.0003 J	0.005 J	0.0002	0.001	0.002	0.0007	0.0002	0.001	0.003
1,2,4,5-TETRACHLOROBENZENE	0/49		NC			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
2,3,4,6-TETRACHLOROPHENOL	0/48		NC			0.003	0.004		0.002	0.002	0.0001	NA[1]
2,4,5-TRICHLOROPHENOL	0/48		NC			0.0007	0.0010		0.0004	0.0005	0.00003	NA[1]
2,4,6-TRICHLOROPHENOL	1/48		0.78	0.003 J	0.003 J	0.0005	0.0007	0.003	0.0004	0.0003	0.0004	0.00032
2,4-DICHLOROPHENOL	2/48		NC	0.002 J	0.002 J	0.0005	0.0007	0.002	0.0004	0.0003	0.0003	0.00033
2,4-DIMETHYLPHENOL	23/49		NC	0.0008 J	0.071	0.0005	0.001	0.015	0.007	0.0003	0.015	0.037
2,4-DINITROPHENOL	0/43		NC			0.002	0.003		0.001	0.002	0.0001	NA[1]
2,4-DINITROTOLUENE	0/49		0.027			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
2,6-DICHLOROPHENOL	4/48		NC	0.0004 J	0.003 J	0.0002	0.0003	0.001	0.0003	0.0002	0.0004	0.001
2,6-DINITROTOLUENE	0/49		NC			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
2-CHLORONAPHTHALENE	0/49		NC			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
2-CHLOROPHENOL	0/48		NC			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
2-METHYLNAPHTHALENE	12/49		NC	0.0005 J	0.004 J	0.0002	0.002	0.002	0.0005	0.0002	0.0008	0.003
2-METHYLPHENOL	20/48		626	0.0008 J	0.072	0.0002	0.001	0.014	0.006	0.0002	0.015	0.039
2-NITROPHENOL	4/48		NC	0.0006 J	0.003 J	0.0005	0.0007	0.002	0.0004	0.0003	0.0005	0.001
3&4-METHYLPHENOL	23/48		NC	0.003 J	0.198 J	0.002	0.003	0.041	0.020	0.001	0.041	0.124
3-NITROANILINE	0/49		NC			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
4,6-DINITRO-2-METHYLPHENOL	0/48		NC			0.001	0.002		0.0007	0.0008	0.00006	NA[1]
4-BROMOPHENYL PHENYL ETHER	0/49		NC			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
4-CHLORO-3-METHYLPHENOL	2/48		NC	0.001 J	0.006 J	0.0005	0.0007	0.002	0.0004	0.0003	0.0004	0.00033
4-CHLOROANILINE	0/49		NC			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
4-NITROANILINE	0/49		6.3			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
4-NITROPHENOL	2/45		NC	0.003 J	0.004 J	0.0007	0.0010	0.003	0.0006	0.0005	0.0006	0.00049
ACENAPHTHENE	6/49		NC	0.0005 J	0.002 J	0.0002	0.0003	0.001	0.0003	0.0002	0.0004	0.001
ACENAPHTHYLENE	21/49		NC	0.0003 J	0.017	0.0002	0.0003	0.003	0.002	0.0002	0.003	0.008
ANILINE	0/49		1			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
ANTHRACENE	32/49		NC	0.0003 J	0.007 J	0.0003	0.0003	0.002	0.002	0.0007	0.002	0.006
ATRAZINE	0/49		NC			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
BENZO(A)ANTHRACENE	16/49		0.0087	0.0003 J	0.005	0.0002	0.0003	0.002	0.0007	0.0002	0.001	0.003
BENZO(A)PYRENE	18/49	11	0.00087	0.0002 J	0.004	0.0002	0.0003	0.001	0.0005	0.0001	0.0008	0.002
BENZO(B)FLUORANTHENE	8/49		0.0087	0.0009 J	0.003	0.0005	0.0006	0.002	0.0005	0.0003	0.0006	0.002
BENZO(G,H,I)PERYLENE	20/49		NC	0.0004 J	0.003	0.0002	0.0003	0.001	0.0006	0.0002	0.0007	0.002
BENZO(K)FLUORANTHENE	10/49		0.0087	0.0006 J	0.003 J	0.0005	0.0007	0.001	0.0005	0.0003	0.0006	0.001
BIS(2-ETHYLHEXYL)PHTHALATE	22/49		1	0.005 J	0.100	0.0003	0.083	0.022	0.017	0.014	0.016	0.042
BUTYL BENZYL PHTHALATE	12/49		NC	0.0009 J	0.106	0.0003	0.023	0.017	0.005	0.0002	0.016	0.016
CARBAZOLE	2/49		NC	0.0003 J	0.0005 J	0.0002	0.0003	0.0004	0.0002	0.0002	0.00006	0.000
CHRYSENE	30/49		0.087	0.0003 J	0.006 J	0.0003	0.0003	0.002	0.001	0.0006	0.002	0.005
DI-N-BUTYL PHTHALATE	28/49		NC	0.005 J	0.152	0.0003	0.062	0.041	0.028	0.016	0.031	0.090
DI-N-OCTYL PHTHALATE	2/49		NC	0.002 J	0.004 J	0.0005	0.0007	0.003	0.0004	0.0003	0.0006	0.00033
DIBENZO(A,H)ANTHRACENE	0/49		0.0008			0.0002	0.0002		0.0001	0.0001	0.000008	NA[1]
DIBENZOFURAN	30/49		NC	0.0002 J	0.022 J	0.0002	0.0003	0.005	0.003	0.0007	0.005	0.015
DIETHYL PHTHALATE	23/49		NC	0.003 J	0.051	0.0003	0.035	0.009	0.006	0.004	0.008	0.017
DIMETHYL PHTHALATE	7/49		NC	0.0003 J	0.003 J	0.0002	0.001	0.0009	0.0003	0.0002	0.0004	0.001
DIPHENYLAMINE	4/49		NC	0.0003 J	0.001 J	0.0003	0.001	0.0007	0.0003	0.0002	0.0002	0.001
FLUORANTHENE	49/49		NC	0.0009 J	0.012 J			0.004	0.004	0.003	0.003	0.010
FLUORENE	33/49		NC	0.0004 J	0.014 J	0.0003	0.0003	0.004	0.002	0.0010	0.004	0.011
HEXACHLOROBENZENE	0/49		0.0053			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
HEXACHLOROCYCLOPENTADIENE	0/49		0.21			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
HEXACHLOROETHANE	0/49		0.61			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
INDENO(1,2,3-CD)PYRENE	4/49		0.0087	0.002 J	0.003 J	0.001	0.002	0.002	0.0009	0.0008	0.0005	0.002
NAPHTHALENE	19/49		0.072	0.0004 J	0.004 J	0.0003	0.002	0.002	0.0008	0.0004	0.0009	0.003
NITROBENZENE	0/49		0.061			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
O-TOLUIDINE	0/49		0.048			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
PENTACHLOROBENZENE	0/49		NC			0.0002	0.0003		0.0001	0.0002	0.00001	NA[1]
PENTACHLOROPHENOL	0/48		0.48			0.0007	0.0010		0.0004	0.0005	0.00003	NA[1]
PHENANTHRENE	49/49		NC	0.004	0.045			0.014	0.014	0.010	0.011	0.039
PHENOL	22/48		210	0.0006 J	0.080	0.0003	0.083	0.011	0.006	0.0008	0.014	0.033
PYRENE	49/49		NC	0.0008 J	0.012 J			0.003	0.003	0.002	0.003	0.009

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.
** Only the Duplicate exceeded RSL.

TABLE 2-11

STUDY AREA 09 - PARCO LE GINESTRE AIR SAMPLING STATION FREQUENCIES OF DETECTION JULY 9, 2008 THROUGH JULY 8, 2009
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Number of Detections Greater Than Ambient Air RSL	Ambient Air RSL	Minimum Detection*	Maximum Detection*	Minimum Non-Detect	Maximum Non-Detect	Average of Positive Detections	Average of All Results	Median	Standard Deviation	95th Percentile Concentration
Dioxins/Furans (ng/m3)												
1,2,3,4,6,7,8,9-OCDD	29/48		0.21	0.0001 J	0.027 J	0.00002	0.001	0.003	0.002	0.0003	0.004	0.008
1,2,3,4,6,7,8,9-OCDF	29/48		0.21	0.00007 J	0.033 J	0.000008	0.0006	0.003	0.002	0.0002	0.005	0.009
1,2,3,4,6,7,8-HPCDD	37/48	3	0.0064	0.00004 J	0.015 J	0.00002	0.00010	0.002	0.001	0.0002	0.003	0.007
1,2,3,4,6,7,8-HPCDF	38/48	3	0.0064	0.00008	0.038 J	0.00002	0.0008	0.003	0.002	0.0003	0.006	0.013
1,2,3,4,7,8,9-HPCDF	35/48		0.0064	0.000005 J	0.005 J	0.000003	0.00003	0.0005	0.0003	0.00004	0.0009	0.002
1,2,3,4,7,8-HXCDD	31/48	1	0.00064	0.000002 J	0.0007 J	0.000001	0.00004	0.00010	0.00007	0.00002	0.0001	0.000
1,2,3,4,7,8-HXCDF	43/48	11	0.00064	0.00002 J	0.007 J	0.000009	0.00003	0.0008	0.0007	0.00010	0.002	0.004
1,2,3,6,7,8-HXCDD	37/48	4	0.00064	0.000004 J	0.002 J	0.000002	0.00003	0.0003	0.0002	0.00003	0.0004	0.001
1,2,3,6,7,8-HXCDF	40/48	6	0.00064	0.00001 J	0.004 J	0.000006	0.00003	0.0005	0.0004	0.00006	0.0009	0.002
1,2,3,7,8,9-HXCDD	31/48	3	0.00064	0.000002 J	0.001 J	0.000002	0.00004	0.0002	0.0001	0.00003	0.0003	0.001
1,2,3,7,8,9-HXCDF	24/47		0.00064	0.000003 J	0.0004	0.000001	0.00006	0.00007	0.00004	0.000006	0.00009	0.00022
1,2,3,7,8-PECDD	34/48	12	0.000064	0.000003 J	0.0007	0.000002	0.00002	0.0001	0.00008	0.00002	0.0002	0.00049
1,2,3,7,8-PECDF	40/48	1	0.0021	0.00001 J	0.003	0.000007	0.00004	0.0003	0.0003	0.00006	0.0006	0.001
2,3,4,6,7,8-HXCDF	40/48	9	0.00064	0.000007 J	0.008 J	0.000006	0.00003	0.0006	0.0005	0.00007	0.001	0.002
2,3,4,7,8-PECDF	37/48	11	0.00021	0.00003 J	0.003 J	0.000010	0.00003	0.0004	0.0003	0.00006	0.0007	0.002
2,3,7,8-TCDD	27/48	5	0.000064	0.000003 J	0.0003	0.000002	0.00002	0.00005	0.00003	0.000008	0.00006	0.00014
2,3,7,8-TCDF	34/48	2	0.00064	0.00003	0.001	0.000007	0.00004	0.0002	0.0001	0.00005	0.0002	0.001
TEQ	47/48	29	0.000064	0.000004	0.005	0.000004	0.000004	0.0005	0.0005	0.00009	0.001	0.003
TOTAL HPCDD	46/48		NC	0.00004 J	0.033 J	0.00004	0.00008	0.003	0.003	0.0005	0.006	0.014
TOTAL HPCDF	42/48		NC	0.00003 J	0.060 J	0.00003	0.0002	0.004	0.004	0.0005	0.010	0.021
TOTAL HXCDD	47/48		NC	0.00005 J	0.033 J	0.00008	0.00008	0.004	0.004	0.0007	0.007	0.021
TOTAL HXCDF	47/48		NC	0.00006 J	0.054 J	0.00008	0.00008	0.005	0.005	0.0007	0.011	0.031
TOTAL PECDD	47/48		NC	0.000002 J	0.034	0.00007	0.00007	0.003	0.003	0.0006	0.006	0.016
TOTAL PECDF	47/48		NC	0.00007 J	0.043	0.0001	0.0001	0.004	0.004	0.0009	0.009	0.027
TOTAL TCDD	48/48		NC	0.00007 J	0.025			0.002	0.002	0.0006	0.004	0.009
TOTAL TCDF	47/48		NC	0.0003 J	0.034	0.0003	0.0003	0.003	0.003	0.001	0.006	0.015
Inorganics (ug/m3)												
ALUMINUM	40/48		5.2	0.088	2.50	0.135	1.75	0.909	0.826	0.667	0.610	1.863
ANTIMONY	5/48		NC	0.010	0.017	0.003	0.009	0.014	0.004	0.003	0.003	0.012
ARSENIC	28/48	22	0.00057	0.0003	0.030	0.0002	0.001	0.002	0.001	0.0005	0.004	0.002
BARIUM	41/48		0.52	0.005	0.036	0.003	0.227	0.015	0.017	0.014	0.016	0.032
BERYLLIUM	7/48		0.001	0.0002	0.0003	0.0001	0.0003	0.0003	0.0001	0.00009	0.00006	0.00025
CADMIUM	29/48	1	0.0014	0.0002	0.001	0.0001	0.003	0.0004	0.0004	0.0003	0.0003	0.001
CHROMIUM	19/48	19	0.0002	0.0006	0.028	0.0004	0.012	0.006	0.003	0.002	0.005	0.013
COBALT	37/48	21	0.00027	0.0001	0.001	0.0001	0.001	0.0004	0.0003	0.0003	0.0003	0.001
COPPER	1/48		NC	0.465	0.465	0.334	0.880	0.465	0.294	0.288	0.050	0.397
IRON	0/48		NC			6.69	17.7		5.79	5.75	0.898	NA[1]
LEAD	42/48		NC	0.004	0.055	0.001	0.043	0.016	0.015	0.012	0.012	0.039
MANGANESE	38/48	1	0.052	0.005	0.062	0.0002	0.041	0.021	0.018	0.015	0.013	0.047
MERCURY	0/48		0.31			0.0006	0.009		0.0006	0.002	0.0006	NA[1]
NICKEL	0/48		0.0094			0.167	0.442		0.145	0.144	0.022	NA[1]
SELENIUM	0/48		21			0.033	0.088		0.029	0.029	0.004	NA[1]
SILVER	0/48		NC			0.033	0.088		0.029	0.029	0.004	NA[1]
THALLIUM	2/48		NC	0.001	0.003	0.0007	0.002	0.002	0.0006	0.0006	0.0003	0.001
TIN	29/48		NC	0.002	0.022	0.0002	0.010	0.005	0.004	0.003	0.004	0.010
VANADIUM	3/48		NC	0.013	0.016	0.007	0.018	0.014	0.006	0.006	0.002	0.012
ZINC	0/48		NC			1.67	4.42		1.45	1.44	0.225	NA[1]
Miscellaneous Parameters (ug/m3)												
PM10µ 24-HOUR CONCENTRATIONS	48/48	2	150	6.13	348			67.8	67.8	#N/A	35.5	120.065
Vapor Phase Mercury (ug/m3)												
MERCURY	40/49		0.31	0.0004 J	0.010 J	0.00006	0.001	0.003	0.002	0.002	0.002	0.007

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Blank cells equal zero
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PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

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Aldehydes (ug/m3)												
ACETALDEHYDE	47/49	33	1.1	0.363	3.14	1.09	1.80	1.51	1.46	1.40	0.731	2.863
BENZALDEHYDE	45/49		NC	0.145	3.80	0.015	0.318	0.772	0.716	0.649	0.607	1.408
BUTYRALDEHYDE	41/49		NC	0.123 J	1.88	0.027	0.028	0.444	0.373	0.254	0.366	1.110
CROTONALDEHYDE	6/49		NC	0.017 J	0.144	0.014	0.029	0.056	0.013	0.007	0.022	0.043
FORMALDEHYDE	46/49	46	0.19	0.866	10.7	1.89	3.46	2.92	2.80	2.31	1.79	5.644
HEXALDEHYDE	32/49		NC	0.074 J	0.729	0.020	0.244	0.210	0.150	0.131	0.133	0.339
M-TOLUALDEHYDE	20/49		NC	0.067 J	0.630	0.014	0.133	0.316	0.139	0.041	0.185	0.512
METHACRYLALDEHYDE	37/49		NC	0.019 J	0.518	0.014	0.015	0.216	0.165	0.103	0.168	0.493
N-VALERALDEHYDE	37/49		NC	0.024 J	0.762	0.014	0.015	0.171	0.131	0.110	0.124	0.332
PROPIONALDEHYDE	41/49		8.3	0.036 J	0.840	0.007	0.725	0.295	0.274	0.194	0.211	0.754
Pesticides/PCBs (ug/m3)												
4,4'-DDD	0/48		0.035			0.0004	0.0005		0.0002	0.0002	0.00002	NA[1]
4,4'-DDE	0/48		0.025			0.0004	0.0006		0.0002	0.0002	0.00002	NA[1]
4,4'-DDT	0/48		0.025			0.0009	0.029		0.0008	0.0005	0.002	NA[1]
ALDRIN	0/48		0.0005			0.0010	0.001		0.0006	0.0006	0.00004	NA[1]
ALPHA-BHC	0/48		0.0014			0.0003	0.0004		0.0002	0.0002	0.00001	NA[1]
ALPHA-CHLORDANE	1/48		0.024	0.0009 J	0.0009 J	0.0005	0.0007	0.0009	0.0003	0.0003	0.00009	0.00030
AROCLOR-1016	0/48		0.12			0.0001	0.014		0.006	0.006	0.001	NA[1]
AROCLOR-1221	0/48		0.0043			0.0001	0.014		0.006	0.006	0.001	NA[1]
AROCLOR-1232	0/48		0.0043			0.0001	0.014		0.006	0.006	0.001	NA[1]
AROCLOR-1242	0/48		0.0043			0.0001	0.014		0.006	0.006	0.001	NA[1]
AROCLOR-1248	0/48		0.0043			0.0001	0.014		0.006	0.006	0.001	NA[1]
AROCLOR-1254	0/48		0.0043			0.0001	0.014		0.006	0.006	0.001	NA[1]
AROCLOR-1260	0/48		0.0043			0.0001	0.014		0.006	0.006	0.001	NA[1]
BETA-BHC	0/48		0.0046			0.0002	0.0002		0.00009	0.00009	0.000006	NA[1]
DELTA-BHC	0/48		0.0014			0.0006	0.0008		0.0003	0.0003	0.00002	NA[1]
DIELDRIN	1/48	1	0.00053	0.001 J	0.001 J	0.0007	0.0010	0.001	0.0004	0.0004	0.0001	0.00043
ENDOSULFAN I	3/48		NC	0.001	0.003 J	0.001	0.002	0.002	0.0008	0.0007	0.0004	0.001
ENDOSULFAN II	0/48		NC			0.0005	0.0006		0.0003	0.0003	0.00002	NA[1]
ENDOSULFAN SULFATE	0/48		NC			0.001	0.001		0.0006	0.0006	0.00004	NA[1]
ENDRIN	0/48		NC			0.0004	0.0005		0.0002	0.0002	0.00002	NA[1]
ENDRIN ALDEHYDE	0/48		NC			0.0002	0.0003		0.0001	0.0001	0.000009	NA[1]
GAMMA-BHC (LINDANE)	0/48		0.0078			0.0004	0.0006		0.0002	0.0002	0.00002	NA[1]
GAMMA-CHLORDANE	0/48		0.024			0.001	0.002		0.0008	0.0008	0.00006	NA[1]
HEPTACHLOR	0/48		0.0019			0.0005	0.0008		0.0003	0.0003	0.00002	NA[1]
HEPTACHLOR EPOXIDE	0/48		0.00094			0.0006	0.0008		0.0003	0.0004	0.00002	NA[1]
METHOXYCHLOR	0/48		NC			0.002	0.002		0.001	0.001	0.00007	NA[1]
PENTACHLORONITROBENZENE	0/48		NC			0.0003	0.0008		0.0003	0.0003	0.00005	NA[1]
TOXAPHENE	0/48		0.0076			0.0009	0.130		0.051	0.056	0.014	NA[1]

Footnotes:
(1) The parameter was not detected in any of the samples. Therefore a 95th percentile was not appropriate.

NC - No Criteria
J - The concentration listed is estimated
Blank cells equal zero
*Sample and duplicate are considered as two separate samples for statistics and determining the minimum and maximum concentrations.
** Only the Duplicate exceeded RSL.

TABLE 2-12

SUPPORT SITE
ANNUAL AND SEASONAL
METEOROLOGICAL PARAMETER STATISTICS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
JULY 1, 2008 TO JULY 7, 2009

Period	Wind Speed (meters/second)			Prevailing Wind Direction	Temperature (°F)			Barometric Pressure (millibars)			Solar Radiation (Watts/m^2)		Rainfall (inches)	
	Max 1-Hr	Avg 1-Hr	Calm* (%)		Max 1-Hr	Min 1-Hr	Avg 1-Hr	Max 1-Hr	Min 1-Hr	Avg 1-Hr	Max 1-Hr	Avg 1-Hr	Total	Max 1-Hr
Winter	9.83	2.80	2.2	East-northeast	65	27	46	1030	985	1011	633	75	18.1	1.0
Spring	10.73	2.41	2.4	West	88	35	60	1024	975	1011	919	198	7.8	0.5
Summer	7.15	2.18	1.9	West-southwest	94	55	76	1020	1002	1011	930	268	1.4	1.1
Fall	8.94	2.05	5.3	East-northeast	95	31	63	1029	991	1014	777	133	9.0	0.5
Annual	10.73	2.37	2.9	East	95	27	61	1030	975	1012	930	171	36.2	1.1

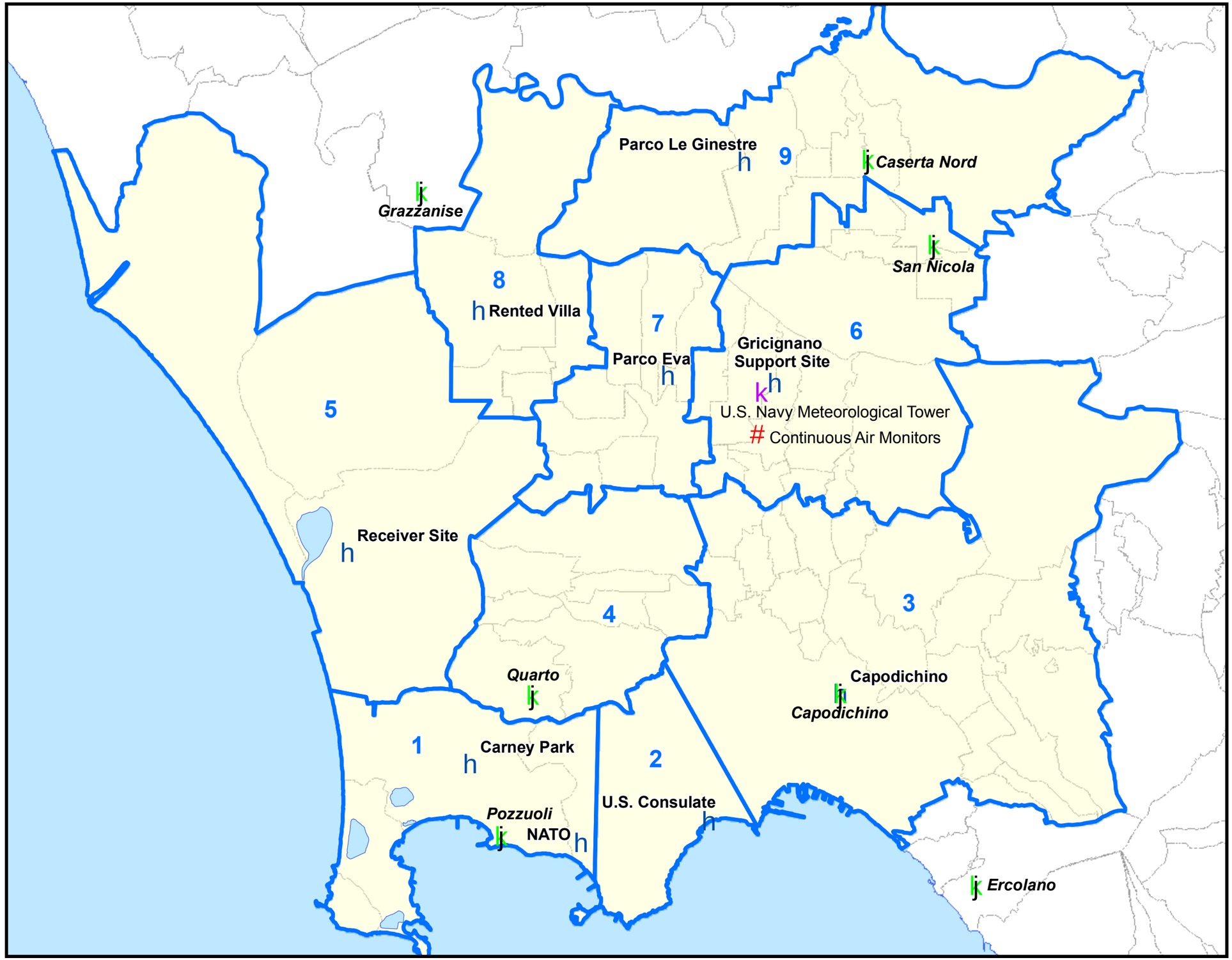
Max - Maximum value.
Min - Minimum value.
Avg - Average value.
* - Calm conditions represent periods when the 1-hour average wind speed is less than the starting threshold of the sensor (0.22 meters/second).
° F - degrees Fahrenheit.

TABLE 2-13
SUMMARY OF AVERAGE WIND SPEED
AND PREVAILING WIND DIRECTIONS FOR THE SUPPORT SITE
AND OTHER REGIONAL METEOROLOGICAL STATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
JULY 1, 2008 TO JULY 7, 2009

Location	Annual		Spring		Summer		Fall		Winter	
	PWD	AWS	PWD	AWS	PWD	AWS	PWD	AWS	PWD	AWS
Support Site	East	2.37	West	2.41	West-Southwest	2.18	East-northeast	2.05	East-northeast	2.80
Capodichino	South	1.80	South	1.71	South	2.08	South	1.43	North-northeast	1.98
Ercolano	South	1.39	South	1.75	South	1.14	Northeast	1.23	South	1.26
San Nicola/ Caserta Nord	Southwest	2.02	Southwest	2.43	Southwest	1.70	East-northeast and southwest	1.04	Northeast	2.79
Grazzanise	Northeast	2.89	West-Southwest	2.64	West	2.49	North-northeast	2.68	East-northeast	3.50

PWD – Prevailing wind direction.

AWS – Average wind speed (meters per second).



NAVFAC

TETRA TECH

FIGURE 2-1
Air Sampling and Meteorological Monitoring Tower Locations
Naples Public Health Evaluation
Naples, Italy

Legend

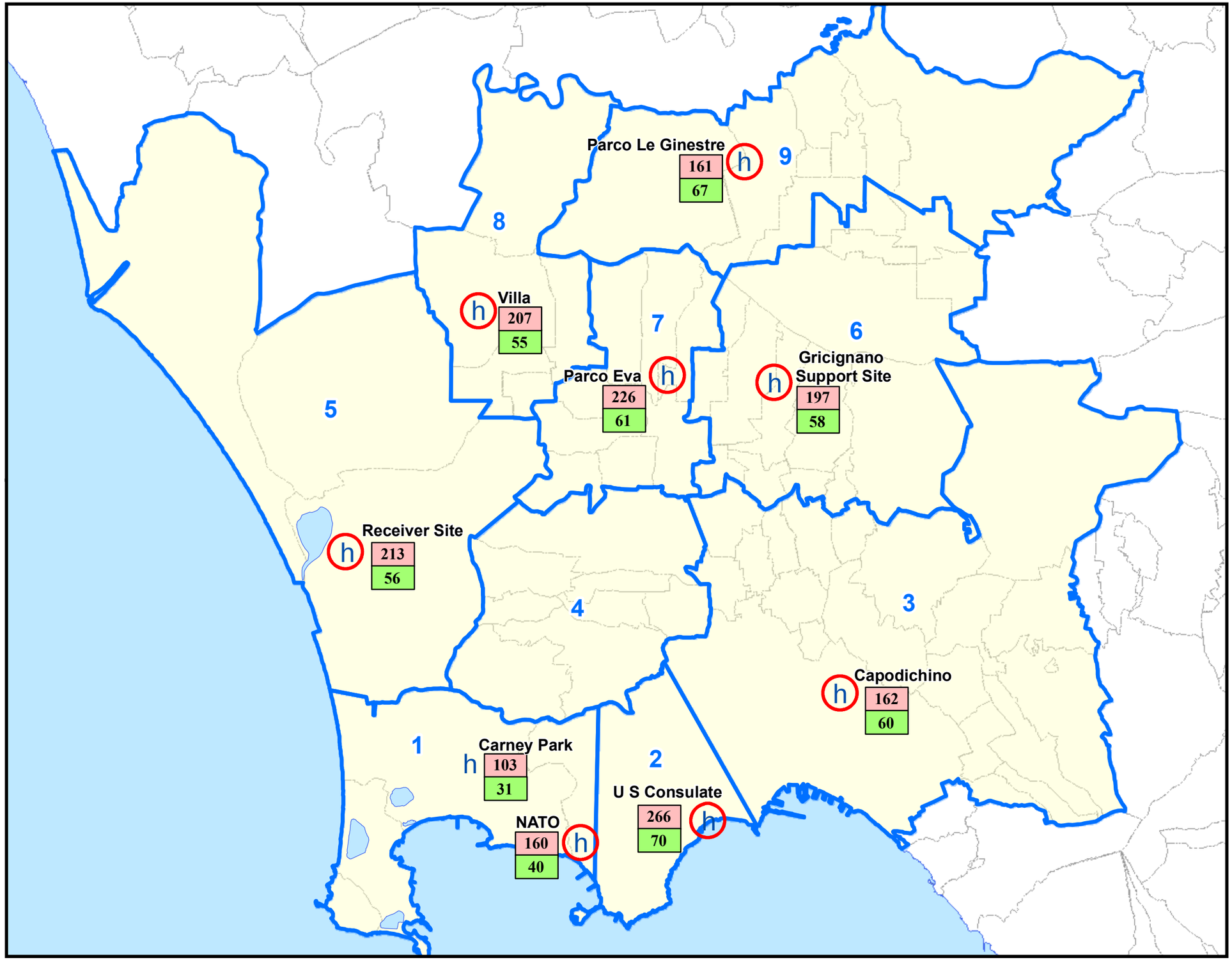
- k U.S. Navy Tower Location
- jk Italian Tower Location
- # U.S. Navy Continuous Air Monitor
- h U.S. Navy Air Sampling Location
- Study Area Boundary (1-9)
- Comune Borders (Campania)

1 Blue number on map indicates Study Area.

0 1,250 2,500 5,000 7,500 10,000 Meters

Drawn By: LR 11/19/09
Checked By: JS
Approved By: JS

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II Air Sampling Stations.mxd)
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NAVFAC

TETRA TECH

FIGURE 2-2
PM_{10} Maximum and Average 24-Hour Concentrations (ug/m3) for Study Area Sampling Locations
Naples Public Health Evaluation
Naples, Italy

Legend

h U.S. Navy Air Sampling Locations

Study Area Boundary (1-9)

Comune Borders (Campania)

MAX Maximum 24-Hour Concentration

AVG Average 24-Hour Concentration

Exceedance of 24-Hour NAAQS

1 Blue number on map indicates Study Area.

0 1,250 2,500 5,000 7,500 10,000 Meters

Drawn By: LR 01/19/10
Checked By: JL
Approved By: JL

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_IIAirSamplingStations_PM10_MAXAVG.mxd)
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3.0 SUMMARY OF PHASE II INVESTIGATION SOIL GAS, WATER, SOIL AND AMBIENT AIR SAMPLING RESULTS OBTAINED AT RESIDENTIAL PROPERTIES

The objective of the Phase II investigation was to perform a regional screening evaluation to evaluate the potential impacts and risks to U.S. Navy and civilian personnel residing in the Naples area of Campania that may be attributed to the historical illegal and illicit waste disposal activities in this region. The principal components of this regional screening assessment included sampling at residential properties across Campania to achieve spatial coverage in each of nine study areas defined for this project, and collect a sufficient number of samples to determine with confidence whether a the risks within a study area exceeded the conservative risk criteria developed on this project and to delineate clusters of properties with exceedances of the risk criteria. To achieve these objectives, Tetra Tech environmental technicians collected ASG, tap water, soil samples, and residential ambient air samples from 209 selected residential sampling locations. However, two of the residences, after verification of geographical coordinates, were located outside of the boundaries of the nine study areas.

OVERVIEW OF PHASE II RESIDENTIAL SAMPLING

Tetra Tech field personnel collected ASG samples from a location if the resident and landlord had granted permission for sampling of the residence and if the collection of an ASG sample would be relevant for the resident's living situation (e.g., the resident did not live on the upper floor of a high-rise apartment building). In the beginning of the Phase II investigation, field personnel collected tap water samples from all residences and noted whether the source of water was from a municipal water supply or potentially from a groundwater well. However, based on the results of the ongoing investigation, the Project Team decided in the middle of the Phase II investigation to limit tap water sampling to only those residences where there was evidence to suggest a potential groundwater source, i.e., not supplied by a treated municipal water supplier. Initially, Tetra Tech field personnel also collected surface soil samples from residences if the residents had reasonable access to surface soil at their location (e.g. a yard at the property). However, in the middle of the Phase II investigation (March 6, 2009) and based on the results of the Phase I and ongoing Phase II investigation, the Project Team determined that the previously collected soil data adequately characterized the soil for this region and decided to terminate soil sampling for the remainder of the Phase II investigation. Arsenic and carcinogenic PAHs (cPAHs) were the only soil contaminants detected at concentrations greater than RSLs; however, these concentrations were consistent with naturally occurring conditions (ATSDR, 1996; ATSDR, 2007, Cicchella et al., 2005; **Tetra Tech, 2009a**). Beginning in June 2009, the Project Team recommended that field personnel begin collecting residential ambient air (AA) samples concurrent with the ASG samples to provide an additional line of evidence for evaluating the potential for vapor intrusion of subsurface VOCs entering and

accumulating into a residential structure. However, only 16 residential AA samples were collected for Phase II residences concurrent with ASG samples since this practice began late in the investigation.

PHASE II SAMPLE RESULTS AND LIMITATIONS

ASG samples were analyzed for VOCs using EPA Method TO-15. Regional AA concentrations of VOCs were measured using Method TO-15 and aldehydes were measured using TO-11A. Regional AA concentrations of naphthalene were measured using Method TO-13A. This combination of methods was selected to provide a minimum number of analytical methods for the widest range of chemical analyses required for the regional AA quality study. Each of a select number of collocated residential AA samples were analyzed for naphthalene by methods TO-13A and TO-15 during Phase II. This double-method analysis approach for naphthalene was not by design. The TO-15 results, on average, were consistently greater than corresponding TO-13A results by a factor of approximately 2,600. Phase II regional AA samples were analyzed for acetaldehyde using Methods TO-15 and TO-11A. This double-method analysis approach for acetaldehyde was not by design. The TO-15 acetaldehyde results were, on average, greater than corresponding TO-11A results by a factor of approximately 30. Unless these observed disparities are resolved, some of the air data for naphthalene and acetaldehyde and all of the ASG data for naphthalene and acetaldehyde are considered unsuitable for evaluating human health risks (**Tetra Tech, 2010b**). Therefore, acetaldehyde and naphthalene ASG results are not presented in the text of this report. However, these data are available in **Appendix B**. The reader should note that regional ambient air risks discussed in the Ambient Air Quality and Meteorological Summary Report (AAQMSR) (**Tetra Tech, 2010a**) were based on the original analytical methods specified in the Air Quality and Meteorological Monitoring Plan (acetaldehyde using Method TO-11A and naphthalene using Method TO-13A). This Report was issued prior to the approach for addressing the disparities discussed above was clarified.

ASG samples were collected either directly beneath the floor of the residence (sub-slab) or within 10 feet of the residence at a depth of approximately 5 feet below ground surface (near-slab). Almost one-half of the soil gas samples (49 percent) were near-slab samples. Studies conducted by the EPA and various state agencies have cited differences between the results obtained between near-slab and sub-slab samples, specifically that near-slab samples result in lower concentrations (**NJDEP, 2005**). A comparison of the near-slab and sub-slab data for several contaminants in this investigation revealed that soil gas-to-ambient air ratios are less for near-slab than for sub-slab (**PIONEER, 2010**).

ASG concentrations were compared to soil gas RSLs, which are equal to 10 times the residential AA RSLs (**EPA, 02009b**). The 10-times increase in residential air RSLs corresponds to the assumed 10-times attenuation associated with vapor intrusion between soil gas concentrations and potential indoor air concentrations. The 10-times attenuation factor is what the EPA recommends for soil gas samples

collected at a depth of less than 5 feet below ground surface (**EPA, 2002**). The residential air RSLs correspond to a cancer risk of 1 x 10^{-6} for carcinogens and a hazard index of 1.0 for noncarcinogens based on a 30-year residential exposure.

Water concentrations were compared to residential tap water RSLs (**EPA, 2009b**), which address exposure to ingestion of water and inhalation of vapors volatilizing from the water, and federal MCLs or Action Levels (**EPA 2010**), where applicable. In addition, the data were compared to the inhalation-only tap water RSL, 10 times the noncarcinogenic RSL, and 100 times the carcinogenic RSL. The tap water RSLs correspond to a cancer risk of 1 x 10^{-6} and a hazard index of 1.0 for carcinogens and noncarcinogens, respectively based on a 30-year residential exposure. The MCLs are enforceable drinking water standards in the United States that are applicable to public drinking water systems that serve at least 25 people or 15 service connections for at least 60 days per year. Action Levels are applicable federal drinking water standards for copper and lead because these contaminants enter drinking water primarily through plumbing materials. If lead or copper exceed their action levels in more than 10 percent of customer tap samples, the system must undertake measures to control corrosion (**EPA 2010**).

Multiples of the tap water RSLs were used as screening concentrations to determine if residents need to be immediately notified that specific chemicals were detected in their drinking water at concentrations representing some unacceptable health risk. The following factors were defined for this ETSA (**Tetra Tech, 2008b**) as warranting this tenant immediate notification action:

- If a chemical is identified as a developmental, teratogenic, or mutagenic chemical and was detected at a concentration exceeding its RSL.

- If the concentration of a chemical, other than those identified as being a developmental, teratogenic, or mutagenic chemical, is greater than 10 times it noncarcinogenic RSL, 100 times its carcinogenic RSL, or greater than its MCL.

- If a chemical concentration in tap water is greater than 10 times its carcinogenic inhalation RSL or greater than its noncarcinogenic inhalation RSL, then a mitigation action is warranted.

Because of the potential acute health concerns associated with total coliform, fecal coliform, or fecal streptococcus, the presence of any of these parameters in a tap water sample also warranted immediate notification of the resident, along with recommendations to take precautions regarding the use of their tap water (e.g., using bottled water, boiling water before use). The Navy also submitted a written request to the landlord to perform water system cleaning and disinfection (with written information on how this could

be accomplished). After the landlord cleaned and disinfected the system, the property was revisited by Tetra Tech to collect a second tap water sample. If the resample indicated the presence of any of these parameters, the resident was notified to continue using precautionary measures until mitigation measures were executed (which were the institution of the bottled-water advisory and cleaning of water holding tanks), and the resident was informed that the Navy would not be performing any additional sampling at that location. If, however, the resample indicated an absence of these parameters, a third "tie-breaker" tap water sample was collected. If the "tie-breaker" resample indicated the presence of any of these parameters, the resident was notified to continue using precautionary measures until mitigation activity could be executed. Conversely, if the "tie-breaker" resample instead indicated an absence of these parameters, then no further action was warranted for the tap water. The bacteriological results summarized in this report only reflect the final sample collected for each residence. All sample results are contained in Appendix B.

Soil concentrations were compared to soil residential RSLs (**EPA, 2009b**). The residential soil RSLs correspond to a cancer risk of 1 x 10^{-6} for carcinogens and a hazard index of 1.0 for noncarcinogens based on a 30-year residential exposure.

Summaries of the residential Phase II sampling investigation results by each of the nine study areas follow. Soil gas, water, and soil results are discussed separately. Residential AA samples are discussed in context with ASG and regional AA data at the end of this section.

Within each study area where there were two potential sources of water, the water data were separated by water source; some houses received their water from a municipal water supply and some houses receive their water from wells, from a blend of municipal supply and groundwater wells, or from unknown sources. It is noteworthy that during the entire Phase II investigation, not a single "legal" groundwater well was identified at any of the properties sampled. That is, no groundwater well satisfying all of the applicable host nation requirements was identified; instead, they were all allegedly improperly installed without obtaining the appropriate permit, and other documentation demonstrating compliance with applicable regulations or national laws.

3.1 STUDY AREA 1 - NATO

3.1.1 Active Soil Gas

Table 3.1-1 presents the 52 VOCs that were detected in ASG samples collected from 26 of 30 residences in Study Area 1. Descriptive statistics are presented in **Table 3.1-2**. Concentrations of VOCs exceeded ASG screening levels in 24 of the 26 samples. Fourteen VOCs were detected at concentrations exceeding the ASG screening levels, as follows:

- PCE concentrations exceeded its screening level in 13 samples.
- Acrolein concentrations exceeded its screening level in 12 samples.
- Chloroform concentrations exceeded its screening level in seven samples.
- Ethylbenzene concentrations exceeded its screening level in five samples.
- Concentrations of the remaining VOCs exceeded their screening levels in four or fewer samples.

Figure 3.1-1 shows the locations of the exceedances.

3.1.2 Tap Water

Table 3.1-3 presents the chemicals that were detected in 27 municipal water samples collected from 30 residences in Study Area 1. Descriptive statistics are presented in **Table 3.1-4**. Dioxins/furans, inorganics, chloride, nitrate, and sulfate were frequently detected in the tap water samples. Study Area 1 tap water results are summarized as follows:

- Eleven VOCs were detected infrequently in the 27 samples collected, with the exception of trihalomethanes (THM) including bromodichloromethane, bromoform, chlorodibromomethane, and chloroform, disinfectant by-products associated with water treatment. Bromodichloromethane was detected in 20 samples at concentrations exceeding the tap water RSL but less than the THM MCL in all samples. Chlorodibromomethane was detected in 26 samples, with concentrations exceeding the tap water RSL in 26 samples, but less than the THM MCL in all samples. Chloroform was detected in 17 samples, with concentrations exceeding the tap water RSL in 13 samples and inhalation RSL in 12 samples, but was less than the THM MCL in all samples. Concentrations of bromoform were less than the RSL and THM MCL in all samples. PCE was detected in seven samples at concentrations exceeding the RSL but less than the MCL in all samples.

- Dioxins/furans were detected in 26 of 27 samples. The TEQ concentration exceeded the tap water RSL in one sample but were less than the MCL in all samples.

- No SVOCs were detected in the municipal water samples collected in Study Area 1.

- No pesticides or PCBs were detected in the municipal water samples collected in Study Area 1.

- Metals were detected frequently in the samples collected. Arsenic was detected in 26 of 27 samples at concentrations exceeding the tap water RSL, and arsenic concentrations were greater than 100 times the carcinogenic RSL in 18 samples and exceeded the MCL in two samples. Concentrations of lead exceeded its Action Level in three samples. (Lead's regulatory criterion is not an MCL.) Uranium was detected in 8 of 27 samples at concentrations exceeding the carcinogenic tap water RSL (based on radioactivity), but less than the MCL in all samples. Concentrations of the other detected metals were less than their RSLs and MCLs in all samples. Metals concentrations, except for lead, are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, nitrate, and sulfate were frequently detected in the samples collected. Fluoride was detected infrequently. The concentrations of these parameters were less than applicable tap water RSLs and MCLs in all samples.

- Gross alpha radioactivity was reported in eight samples, and gross beta radioactivity was reported in 15 samples. Gross beta radioactivity exceeded the MCL in seven samples; gross alpha activity was less than the MCL in all samples. Exceedances of the gross beta MCL triggered radionuclide speciation, of which the results of the speciation indicated that all samples were less than MCLs (**Section 9.0**).

- No microbiological parameter was detected.

In summary, concentrations of VOCs (26 samples), dioxins/furans (one sample), and metals (26 samples) exceeded tap water RSLs, concentrations of arsenic (two samples) exceeded its MCL, and concentrations of lead (three samples) exceeded its Action Level in Study area 1 municipal water samples. **Figure 3.1-2** shows the locations of these exceedances.

3.1.3 Soil

Table 3.1-5 presents the chemicals that were detected in the 11 soil samples collected from Study Area 1. Descriptive statistics are presented in **Table 3.1-6**. The following is a summary of these results:

- Dioxins/furans were detected in all soil samples but TEQ concentrations were less than the residential RSL.

- Six VOCs were detected in soil samples collected in Study Area 1. With the exception of toluene and acetone, VOCs were detected infrequently in the soil samples. Toluene was the most frequently detected VOC, detected in eight samples, and acetone was detected in six samples. The remaining VOCs were detected in two or fewer samples. Concentrations of all VOCs were less than residential RSLs.

- Twenty-three SVOCs were detected in the soil sample, and with the exception of di-n-butyl phthalate, were detected infrequently. The remaining SVOCs were detected in three or fewer samples. Concentrations of all SVOCs were less than residential RSLs.

- One pesticide, 4,4'-DDE, was detected in one soil sample at a concentration less than the residential RSL.

- No PCBs were detected in any of the soil samples from Study Area 1.

- Nineteen metals were detected frequently in soil samples. Most of the metals were detected in all 11 soil samples collected in Study Area 1. Arsenic concentrations exceeded the residential RSL in all 11 samples; however, arsenic concentrations are considered to be consistent with naturally occurring background levels (**Cicchella, et al., 2005, Tetra Tech, 2009a)** for this region. No other concentrations of metals exceeded their residential RSLs.

In summary, concentrations of dioxins/furans, VOCs, SVOCs, and pesticides were detected in Study Area 1 soil samples at concentrations less than screening criteria. PCBs were not detected in Study Area 1 soil samples. Although arsenic concentrations exceeded the residential RSL in all 11 soil samples collected from Study Area 1, the concentrations are consistent with naturally occurring background concentrations. **Figure 3.1-3** shows the locations of Study Area 1 soil exceedances.

3.2 STUDY AREA 2 – U.S. CONSULATE

3.2.1 Active Soil Gas

Table 3.2-1 presents the 38 VOCs detected in ASG samples collected from 8 of 22 residences in Study Area 2. Descriptive statistics are presented in **Table 3.2-2**. Eight VOCs were detected at concentrations exceeding ASG screening levels, as follows:

- PCE concentrations exceeded its screening level in six samples.
- Concentrations of acrolein and chloroform exceeded their screening levels in three samples.
- Concentrations of the remaining VOCs exceeded their screening levels in two or fewer samples.

Figure 3.2-1 shows the locations of the exceedances.

3.2.2 Tap Water

Table 3.2-3 presents the chemicals that were detected in 22 residences collected in Study Area 2. Descriptive statistics are presented in **Table 3.2-4**. Dioxins/furans, inorganics, chloride, fluoride, nitrate, and sulfate were frequently detected in the tap water samples. Study Area 2 tap water results are summarized as follows:

- Thirteen VOCs were detected in the 23 samples collected. VOCs were detected frequently in nine of the samples, and concentrations of four VOCs exceeding RSLs. Three of the VOCs detected at concentrations greater than tap water RSLs were the trihalomethanes, bromodichloromethane, chlorodibromomethane, and chloroform, disinfectant by-products associated with water treatment. Bromodichloromethane was detected in 18 samples at concentrations exceeding the tap water RSL but less than the THM MCL in all samples. Chlorodibromomethane was detected in 23 samples, with concentrations exceeding the tap water RSL in 23 samples, but less than the THM MCL in all samples. Chloroform was detected in 17 samples at concentrations exceeding the tap water and inhalation RSLs but less than the THM MCL in all samples. PCE was detected in 20 samples at concentrations exceeding the RSL but less than the MCL in all samples.

- Dioxins/furans were detected in all municipal water samples in Study Area 2. TEQ concentrations exceeded the tap water RSL in four samples but were less than the MCL in all samples.

- Five SVOCs were detected in 1 of 15 samples collected. Concentrations of carcinogenic PAHs, reported as benzo[a]pyrene equivalents (BaPEqs), exceeded the RSL in one sample, and dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene exceeded their respective RSLs. No concentrations exceeded MCLs.

- No pesticides or PCBs were detected in the municipal water samples collected in Study Area 2.

- Metals were detected frequently in the samples collected. Concentrations of arsenic exceeded the tap water RSL in all samples and were greater than 100 times the carcinogenic RSL in 13 samples. However, arsenic concentrations did not exceed its MCL in any sample. Concentrations of nickel exceeded the RSL in one sample, and concentrations of lead exceeded its Action Level in two samples. Concentrations of uranium were detected in all but one sample at concentrations exceeding the carcinogenic RSL (based on radioactivity), but less than the MCL in all samples. Concentrations of other detected metals were less than RSLs and MCLs in all samples. These metals concentrations are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, fluoride, nitrate, and sulfate were frequently detected at concentrations less than applicable tap water RSLs and MCLs in all samples.

- Gross alpha radioactivity was reported in 14 samples, and gross beta radioactivity was reported in 23 samples. Gross beta radioactivity exceeded the MCL in 22 samples; gross alpha radioactivity was less than its MCL in all samples. All other radioactive parameter concentrations were less than MCLs. Exceedances of the gross beta MCL triggered radionuclide speciation, the results of which indicated that all samples were less than the MCLs (**Section 9.0**).

- Two microbiological parameter detections were reported. Plate count was detected in 1 of 2 samples, and total coliform was detected in excess of the MCL in 1 of 23 samples.

In summary, concentrations of VOCs (23 samples), dioxins/furans (four samples), SVOCs (three samples), and metals (23 samples) exceeded the tap water RSL and total coliform (one sample) exceeded the federal MCL in the municipal water samples collected. **Figure 3.2-2** shows the locations of the exceedances.

3.2.3 Soil

Table 3.2-5 presents the chemicals that were detected in the two soil samples collected from Study Area 2. Descriptive statistics are presented in **Table 3.2-6**. The following is a summary of these results:

- Dioxins/furans were detected in both soil samples; TEQ concentrations were less than the residential RSL.

- Two VOCs, toluene and acetone, were detected in one of the two soil samples collected in Study Area 2 at concentrations are less than residential RSLs.

- Twelve SVOCs were detected in the soil samples, seven of which were detected in both samples. Concentrations of cPAHs, reported in terms of BaPEqs, exceeded the residential RSL in both samples. Concentrations of all remaining SVOCs were less than residential RSLs. The concentrations of cPAHs detected in study Area 2 soil are consistent with naturally occurring conditions in urban environments (**ATSDR, 1998; Tetra Tech, 2009a**).

- No pesticides were detected in any of the soil samples from Study Area 2.

- No PCBs were detected in any of the soil samples from Study Area 2.

- Twenty metals were detected in both soil samples collected in Study Area 2. Arsenic concentrations exceeded its residential RSL in both samples; however, arsenic concentrations are consistent with naturally occurring background levels (**Cicchella, et al., 2005; Tetra Tech, 2009a**) in this region. No other concentrations of metals exceeded residential RSLs.

In summary, concentrations of dioxins/furans and VOCs were less than their screening criteria, PCBs and pesticides were not detected in Study Area 2 soil samples, and cPAHs and arsenic concentrations exceeded residential RSLs in soil samples collected from Study Area 2. However, concentrations of cPAHs and arsenic are consistent with naturally occurring background concentrations. **Figure 3.2-3** shows the locations of the exceedances.

3.3 STUDY AREA 3 - CAPODICHINO

3.3.1 Active Soil Gas

Table 3.3-1 presents the 41 VOCs detected in ASG samples collected from 10 of 14 residences in Study Area 3. Descriptive statistics are presented in **Table 3.3-2**. Concentrations of at least one VOC exceeded ASG screening levels in all 10 samples. Eight VOCs were detected at concentrations exceeding the ASG screening levels, as follows:

- PCE concentrations exceeded its screening level in six samples.
- Benzene exceeded its screening level in five samples.
- Concentrations of acrolein and chloroform exceeded their screening levels in four samples.
- Concentrations of remaining VOCs exceeded screening levels in three or fewer samples.

Figure 3.3-1 shows the locations of the exceedances.

3.3.2 Tap Water

Table 3.3-3 presents the chemicals that were detected in 14 municipal water samples collected. Descriptive statistics are presented in **Table 3.3-4**. Dioxins/furans, inorganics, chloride, nitrate, and sulfate were frequently detected in the tap water samples. Study Area 3 tap water results are summarized as follows:

- Ten VOCs were detected in the 14 samples collected. VOCs were detected infrequently in most samples. Three of the VOCs detected were the trihalomethanes, bromodichloromethane, chlorodibromomethane, and chloroform, disinfectant by-products associated with water treatment. Bromodichloromethane was detected in four samples, with concentrations exceeding the tap water RSL in three of the samples but less than the THM MCL in all samples. Chlorodibromomethane was detected in seven samples, with concentrations exceeding the tap water RSL in six samples but less than the THM MCL in all samples. Chloroform was detected in three samples, with concentrations exceeding the tap water and inhalation RSLs in two samples, but was less than the THM MCL in all samples. PCE was detected in two samples at concentrations exceeding the RSL but less than the MCL in both samples.

- Dioxins/furans were detected in all samples collected. TEQ concentrations exceeded the tap water RSL in two samples but were less than the MCL in all samples.

- Ten SVOCs were detected infrequently at concentrations less than RSLs and MCLs.

- No pesticides or PCBs were detected in the municipal water samples collected in Study Area 3.

- Metals were detected frequently in the municipal water samples collected. Arsenic was detected at concentrations exceeding the tap water RSL in all samples, greater than 100 times the carcinogenic RSL in seven samples, but less than the MCL in all samples. Concentrations of lead exceeded its Action Level in one sample. Uranium was detected in 5 of 14 samples at concentrations exceeding the carcinogenic tap water RSL (based on radioactivity), but less than the MCL in all samples. Concentrations of other detected metals were less than RSLs and MCLs in all samples. Metals concentrations, except for lead, are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, nitrate, and sulfate were frequently detected in the municipal water samples collected. Fluoride was detected infrequently. Concentrations of these parameters were less than tap water RSLs and MCLs in all samples.

- Gross alpha radioactivity was reported in six samples, and gross beta radioactivity was reported in eight samples. Gross beta radioactivity exceeded the MCL in four samples; gross alpha radioactivity was less than its MCL in all samples. All other sample radioactive parameters were less than MCLs. Exceedances of the gross beta MCL triggered radionuclide speciation, the results of which indicated that all samples were less than the MCLs (**Section 9.0**).

- No microbiological parameter detections were reported.

In summary, concentrations of VOCs (eight samples), dioxins/furans (two samples), and metals (14 samples) exceeded tap water RSLs, and the concentrations of lead in one sample exceeded its Action Level. **Figure 3.3-2** shows the locations of the exceedances in Study Area 3.

3.3.3 Soil

Table 3.3-5 presents the chemicals that were detected in the six soil samples collected from Study Area 3. Descriptive statistics are presented in **Table 3.3-6**. The following is a summary of these results:

- Dioxins/furans were detected in all six soil samples. TEQ concentrations were less than the residential RSL.

- Nine VOCs were detected in the soil samples collected in Study Area 3. Acetone was the most frequently detected VOC, being detected in three samples. Each of the remaining VOCs was detected in two or fewer samples. No VOC concentrations exceeded residential RSLs.

- Sixteen SVOCs were detected in the soil samples at concentrations less than residential RSLs.

- No pesticides were detected in any of the soil samples from Study Area 3.

- No PCBs were detected in any of the soil samples from Study Area 3.

- Twenty metals were detected frequently, most in all six soil samples collected in Study Area 3. Arsenic exceeded its residential RSL in all six samples; however, concentrations are consistent with

naturally occurring background levels (**Cicchella et al., 2005; Tetra Tech, 2009a**) for this region. No other concentrations of metals exceeded residential RSLs.

In summary, concentrations of dioxins/furans, VOCs, and SVOCs in Study Area 3 soil samples were less than screening criteria, pesticides and PCBs were not detected, and arsenic exceeded its residential RSL in all six soil samples collected from Study Area 3. However, arsenic concentrations are consistent with naturally occurring background concentrations. **Figure 3.3-3** shows the locations of Study Area 3 exceedances.

3.4 STUDY AREA 4 – CARNEY PARK

3.4.1 Active Soil Gas

Table 3.4-1 presents the 38 VOCs detected in ASG samples collected from 11 of 14 residences in Study Area 4. Descriptive statistics are presented in **Table 3.4-2**. VOCs were detected in all 11 samples, and concentrations exceeded ASG screening levels in 10 samples. Eight VOCs were detected at concentrations exceeding the ASG screening levels, as follows:

- PCE concentrations exceeded its screening level in eight samples.
- Acrolein concentrations exceeded its screening level in five samples.
- The concentrations of the remaining VOCs exceeded their screening levels in two or fewer samples.

Figure 3.3-1 shows the locations of the exceedances.

3.4.2 Tap Water

Table 3.4-3 presents the chemicals detected in the 14 municipal water samples collected. Descriptive statistics are presented in **Table 3.4-4**. Dioxins/furans, inorganics, chloride, nitrate, and sulfate were frequently detected in the tap water samples. Study Area 4 tap water results are summarized as follows:

- Eight VOCs were detected in the 14 samples collected. VOCs were detected infrequently in most samples. Three of the VOCs detected were the trihalomethanes, bromodichloromethane, chlorodibromomethane, and chloroform, disinfectant by-products associated with water treatment. Bromodichloromethane was detected in eight samples at concentrations exceeding the tap water RSL but less than the THM MCL in all samples. Chlorodibromomethane was detected in 13 samples, with concentrations exceeding the tap water RSL in 13 samples, but less than the THM MCL in all samples. Chloroform was detected in five samples, with concentrations exceeding the tap water and

inhalation RSLs in three samples, but less than the THM MCL in all samples. PCE was detected in two samples, with concentrations exceeding the RSL in one sample, but less than the MCL in both samples.

- Dioxins/furans were detected in all samples collected. TEQ concentrations exceeded the tap water RSL in three samples but were less than the MCL in all samples.

- One SVOC, bis(2-ethylheyxl) phthalate, was detected in one of the six samples collected for SVOC analysis. The concentration did not exceed the RSL or MCL.

- No pesticides or PCBs were detected in the municipal water samples collected in Study Area 4.

- Metals were detected frequently in the samples collected. Concentrations of arsenic exceeded the tap water RSL in all samples and were greater than 100 times the carcinogenic RSL in eight samples, but were less than the MCL in all samples. Uranium was detected in 4 of 14 samples at concentrations exceeding the carcinogenic tap water RSL (based on radioactivity), but less than the MCL in all samples. Concentrations of other detected metals were less than RSLs and MCLs in all samples. Metals concentrations are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, nitrate, and sulfate were frequently detected in the municipal water samples collected. Fluoride was detected infrequently. Concentrations of these parameters were less than tap water RSLs and MCLs in all samples.

- Gross alpha radioactivity was reported in three samples, and gross beta radioactivity was reported in five samples. Gross beta radioactivity exceeded the MCL in three samples; gross alpha radioactivity was less than its MCL in all samples. All other sample radioactive parameters were less than MCLs. Exceedances of the gross beta MCL triggered radionuclide speciation, the results of which indicated that all samples were less than MCLs (**Section 9.0**).

- One microbiological parameter detection was reported. Total coliform was detected in excess of the MCL in 1 of 14 samples.

In summary, concentrations of VOCs (13 samples), dioxins/furans (three samples), and metals (14 samples) exceeded tap water RSLs and total coliform (one sample) exceeded the federal MCL in

municipal water samples collected in Study Area 4. **Figure 3.4-2** shows the locations of the exceedances.

3.4.3 Soil

Table 3.4-5 presents the chemicals detected in the seven soil samples collected from Study Area 4. Descriptive statistics are presented in **Table 3.4-6**. The following is a summary of these results:

- Dioxins/furans were frequently detected in all soil samples. TEQ concentrations were less than the residential RSL.

- Three VOCs were detected in the soil samples collected in Study Area 4. Toluene was detected in three samples, and acetone and benzene were detected in one soil sample each. Concentrations of all VOCs were less than residential RSLs.

- Seven SVOCs were detected infrequently in the soil samples collected in Study Area 4. Concentrations of cPAHs, reported as BaPEqs, exceeded the residential RSL in one sample. The concentrations of all remaining SVOCs were less than residential RSLs. Concentrations of BaPEqs are consistent with naturally occurring background levels in urban environments (**ATSDR, 1998; Tetra Tech, 2009a**).

- No pesticides were detected in any of the soil samples from Study Area 4.

- No PCBs were detected in any of the soil samples from Study Area 4.

- Twenty metals were detected in soil samples, most in all seven soil samples collected in Study Area 4. Concentrations of arsenic exceeded its residential RSL in all seven samples; however, arsenic concentrations are consistent with naturally occurring background levels (**Cicchella et al., 2005; Tetra Tech, 2009a**) in this region. No other concentrations of metals exceeded residential RSLs.

In summary, concentrations of dioxins/furans and VOCs were less than screening criteria, and pesticides and PCBs were not detected in Study Area 4 soil samples. Concentrations of cPAHs and arsenic exceeded residential RSLs in soil samples collected from Study Area 4; however, concentrations of are consistent with naturally occurring background levels. **Figure 3.4-3** shows the locations of the exceedances.

3.5 STUDY AREA 5 – RECEIVER SITE

3.5.1 Active Soil Gas

Table 3.5-1 presents the 56 VOCs detected in the 32 ASG samples collected from all 30 residences in Study Area 5. Descriptive statistics are presented in **Table 3.5-2**. VOCs were detected in all 32 samples, and concentrations exceeded ASG screening levels in 30 of the 32 samples. Eleven VOCs were detected at concentrations exceeding the ASG screening levels, as follows:

- PCE concentrations exceeded its screening level in 14 samples.
- Chloroform concentrations exceeded its screening level in 16 samples.
- Acrolein concentrations exceeded its screening level in 16 samples.
- Hexachlorobutadiene concentrations exceeded its screening level in seven samples.
- Benzene concentrations exceeded its screening level in five samples.
- Concentrations of remaining VOCs exceeded screening levels in three or fewer samples.

Figure 3.5-1 and **Figure 3.5.-2** show the locations of the exceedances.

3.5.2 Tap Water

3.5.2.1 Study Area 5 – Houses Supplied by Municipal Water

Table 3.5-3 presents the chemicals detected in 27 tap water samples collected from dwellings that received their water from a municipal water supply in Study Area 5. Descriptive statistics are presented in **Table 3.5-4**. Dioxins/furans, inorganics, chloride, nitrate, and sulfate were frequently detected in the tap water samples. Study Area 5 municipal tap water results are summarized as follows:

- Five VOCs were detected in the 27 tap water samples collected from houses supplied by municipal water in Study Area 5. Four of the VOCs detected were the trihalomethanes, bromodichloromethane, bromoform, chlorodibromomethane, and chloroform, disinfectant by-products associated with water treatment. Bromodichloromethane was detected in 14 samples at concentrations exceeding the tap water RSL, but less than the THM MCL in all samples. Bromoform was detected in 21 samples; however, none of the concentrations exceeded the RSL. Chlorodibromomethane was detected in 19 samples, with concentrations exceeding the tap water RSL in 19 samples, but less than the THM MCL in all samples. Chloroform was detected in 10 samples, with concentrations exceeding the tap water RSL in two samples, but was less than the THM MCL in all samples. PCE was not detected in any of these samples.

- Dioxins/furans were reported in all municipal water samples in Study Area 5. TEQ concentrations exceeded the tap water RSL in six samples but were less than the MCL in all samples.

- Two SVOCs, bis(2-ethylhexyl) phthalate and di-n-octylphthalate, were detected infrequently at concentrations less than RSLs and MCLs in the 15 municipal water samples collected for SVOC analysis.

- No pesticides or PCBs were detected in the municipal water samples collected in Study Area 5.

- Metals were detected frequently in the samples collected. Concentrations of arsenic exceeded the tap water RSL in all samples, were greater than 100 times the carcinogenic RSL in seven samples, and exceeded the MCL in one sample. The copper concentration in one sample exceeded the RSL and Action Level, and the concentration of lead exceeded its Action Level in one sample. Uranium was detected in 4 of 27 samples at concentrations exceeding the carcinogenic tap water RSL (based on radioactivity), but less than the MCL in all samples. Concentrations of other detected metals were less than RSLs and MCL. Metals concentrations, except for lead and copper, are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, nitrate, and sulfate were frequently detected in the samples collected. Fluoride was detected infrequently. Concentrations of chloride and nitrate were less than tap water RSLs and MCLs in all samples; fluoride was detected in one sample at a concentration exceeding its RSL.

- Gross alpha radioactivity was reported in five samples, and gross beta radioactivity was reported in 10 samples. Gross beta radioactivity exceeded the MCL in seven samples; gross alpha radioactivity was less than its MCL in all samples. Exceedances of the gross beta MCL triggered radionuclide speciation, the results of which indicated that all samples were less than the MCL (**Section 9.0**).

- Two microbiological parameter detections were reported. Plate count was detected less at a level than the MCL in 1 of 2 samples, and total coliform was detected in excess of the MCL in 1 of 27 samples.

In summary, concentrations of VOCs (19 samples), dioxins/furans (six samples), metals (27 samples), and fluoride (one sample) exceeded tap water RSLs. Arsenic (one sample) and total coliform (one sample) exceeded MCLs, and copper (one sample) and lead (one sample) exceeded their Action Levels

in the municipal water samples collected. **Figure 3.5-3** and **Figure 3.5-4** shows the locations of the exceedances.

3.5.2.2 Study Area 5 – Houses Supplied by Wells or Unknown Sources

Table 3.5-5 presents the chemicals detected in seven tap water samples collected from dwellings where it was determined that the tap water source was from groundwater wells or from unknown sources in Study Area 5. Descriptive statistics are presented in **Table 3.5-6**. VOCs, dioxins/furans, inorganics, chloride, fluoride, nitrate, and sulfate were frequently detected in the well or unknown source water samples. Study Area 5 non-municipal tap water results are summarized as follows:

- Four VOCs (bromoform, chloroform, PCE, and TCE) were detected in the seven samples collected. Bromoform was detected once at a concentration was less than its RSL. Chloroform was detected in three samples, with the concentration in one sample exceeding its tap water and inhalation RSLs. Concentrations of these trihalomethanes were less than the THM MCL. PCE was detected in five samples at concentrations exceeding the tap water RSL and in four samples exceeding the MCL. TCE was detected in three samples at concentrations less than the RSL. With the exception of PCE, all sample concentrations were less than MCLs in all samples.

- Dioxins/furans were detected in all samples collected. TEQ concentrations exceeded the tap water RSL in one sample but were less than the MCL in all samples.

- One SVOC, dibenzo(a,h)anthracene, was detected in one sample. The cPAH concentration exceeded its RSL but was less than the MCL.

- No pesticides or PCBs were detected in the well or unknown source water samples collected in Study Area 5.

- Metals were detected frequently in the samples collected. Concentrations of arsenic exceeded the tap water RSL in all samples, were greater than 100 times the carcinogenic RSL in six samples, and exceeded the MCL in one sample. The concentration of zinc exceeded the RSL in one sample. Uranium was detected at concentrations exceeding the carcinogenic tap water RSL (based on radioactivity) in all samples, but exceeded the MCL in one sample. Concentrations of other detected metals were less than RSLs and MCLs in all samples. Metals concentrations, except for lead, are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, nitrate, fluoride, and sulfate were frequently detected in the samples collected. Nitrite was detected in only one sample. Nitrate concentrations were less than the RSL but exceeded the MCL in all seven samples. Fluoride concentrations exceeded the RSL in one sample, but were less than the MCL. Concentrations of the remaining parameters were less than tap water RSLs and MCLs in all samples.

- Gross alpha radioactivity less than the MCL was reported in all samples, and gross beta radioactivity greater than the MCL was reported in all samples. Exceedances of the gross beta MCL triggered radionuclide speciation, the results of which indicated that all samples were less than the MCL (**Section 9.0**).

- One microbiological parameter detection was reported. Total coliform exceeded the MCL in 2 of 5 samples.

In summary, concentrations of VOCs (five samples), dioxins/furans (one sample), SVOCs (one sample), metals (seven samples), and fluoride (one sample) exceeded tap water RSLs, and VOCs (one sample), arsenic (seven samples), uranium (one sample), and total coliform (two samples) exceeded MCLs in the well or unknown source tap water samples collected in Study Area 5. **Figure 3.5-3** and **Figure 3.5-4** shows the locations of the exceedances.

3.5.3 Soil

Table 3.5-7 presents the chemicals detected in the nine soil samples collected from Study Area 5. Descriptive statistics are presented in **Table 3.5-8**. The following is a summary of these results:

- Dioxins/furans were frequently detected in all soil samples. TEQ concentrations were less than the residential RSL.

- Seven VOCs were detected in soil samples collected in Study Area 5. Toluene was detected in five samples, acetone in three samples, and remaining VOCs in two or fewer samples. Concentrations of all VOCs were less than residential RSLs.

- Twenty-four SVOCs were detected infrequently, in three or fewer of nine soil samples. Concentrations of cPAHs, reported as BaPEqs, exceeded its residential RSL in one sample. However, this cPAH concentration is consistent with naturally occurring background levels in urban environments (**ATSDR, 1998; Tetra Tech, 2009a**). Concentrations of all other SVOCs were less than residential RSLs.

- One pesticide, endosulfan sulfate, was detected in one soil sample at a concentration less than the residential RSL.

- No PCBs were detected in any of the soil samples from Study Area 5.

- Twenty metals were detected frequently in soil samples, most in all nine soil samples collected in Study Area 5. Concentrations of arsenic exceeded its residential RSL in all nine samples; however, arsenic concentrations are consistent with naturally occurring background levels (**Cicchella et al., 2005; Tetra Tech, 2009a**) for this region.

In summary, concentrations of dioxins/furans, VOCs, and pesticides were less than screening criteria, and PCBs were not detected in Study Area 5 soil samples. The cPAH concentration in one soil sample exceeded its residential RSL, and arsenic concentrations exceeded its residential RSL in all nine soil samples collected from Study Area 5. However, the concentrations of the cPAHs and arsenic are consistent with naturally occurring background levels. **Figure 3.5-5** shows the locations of the exceedances.

3.6 STUDY AREA 6 – SUPPORT SITE

3.6.1 Active Soil Gas

Table 3.6-1 presents the 59 VOCs detected in 29 active soil gas samples collected from all 28 residences in Study Area 6. Descriptive statistics are presented in **Table 3.6-2**. VOCs were detected in all samples, and concentrations of VOCs exceeded ASG screening levels in 27 of the 29 samples. Sixteen VOCs were detected at concentrations exceeding the ASG screening levels, as follows:

- PCE concentrations exceeded its screening level in 24 samples.
- Acrolein concentrations exceeded its screening level in 16 samples.
- Chloroform concentrations exceeded its screening level in 12 samples.
- Acrylonitrile concentrations exceeded its screening level in seven samples.
- Benzene concentrations exceeded it screening level in six samples.
- Concentrations of 1,2-dichloropropane and hexachlorobutadiene exceeded their screening levels in five samples.
- Concentrations of remaining VOCs exceeded screening levels in four or fewer samples.

Figure 3.6-1 and Figure 3.6-2 show the locations of the exceedances.

3.6.2 Tap Water

3.6.2.1 Study Area 6 – Houses Supplied by Municipal Water

Table 3.6-3 presents the chemicals detected in 25 tap water samples collected from dwellings that received their water from a municipal water supply in Study Area 6. Descriptive statistics are presented in Table 3.6-4. Dioxins/furans, inorganics, chloride, fluoride, nitrate, and sulfate were frequently detected in these tap water samples. Study Area 6 municipal tap water results are summarized as follows:

- Seven VOCs were detected in the 25 samples collected. VOCs were detected infrequently in most samples. Four of the VOCs detected were bromodichloromethane, bromoform, chlorodibromomethane, and chloroform. These chemicals are trihalomethanes, disinfectant by-products associated with water treatment. Bromodichloromethane was detected in four samples, with concentrations exceeding the tap water RSL in three of the samples, but less than the THM MCL in all samples. Bromoform was detected in 23 of 25 samples at concentrations less than the RSL and THM MCL. Chlorodibromomethane was detected in 16 samples, with concentrations exceeding the tap water RSL in 15 samples, but less than the THM MCL in all samples. Chloroform was detected in one sample at a concentration exceeding the tap water RSL but less than the THM MCL. PCE was detected in two samples at concentrations exceeding the tap water RSL but less than the THM MCL. TCE and trans-1,2-dichloroethene were detected in one sample each at a concentration less than RSLs and MCLs.

- Dioxins/furans were detected in all samples collected. TEQ concentrations exceeded the tap water RSL in seven samples but were less than the MCL in all samples.

- One SVOC, bis(2-ethylhexyl) phthalate, was detected in 1 of the 16 samples collected for SVOC analysis at a concentration less than the RSL and MCL.

- No pesticides or PCBs were detected in the municipal water samples collected in Study Area 6.

- Metals were detected frequently in the samples collected. Concentrations of arsenic exceeded the tap water RSL in all samples and were greater than 100 times the carcinogenic RSL in 12 samples. Lead was detected in all samples, and concentrations exceeded its Action Level in three samples. Uranium was detected in 6 of 25 samples at concentrations exceeding the carcinogenic tap water RSL (based on radioactivity), but less than the MCL in all samples. Concentrations of other detected

metals were less than RSLs and MCLs in all samples. Metals concentrations, except for lead, are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, fluoride, nitrate, and sulfate were frequently detected in the municipal water samples collected. Phosphate was detected infrequently. Concentrations of nitrate exceeded the MCL in two samples. Concentrations of fluoride exceeded the RSL in one sample. Concentrations of all other parameters were less than tap water RSLs and MCLs in all samples.

- Gross alpha radioactivity was reported in four samples, and gross beta radioactivity was reported in 18 samples. Gross beta radioactivity exceeded the MCL in 10 samples; gross alpha radioactivity was less than its MCL in all samples. Exceedances of the gross beta MCL triggered radionuclide speciation, the results of which indicated that all samples were less than the MCL (**Section 9.0**).

- One microbiological parameter detection was reported. Plate count was detected in 3 of 3 samples and at a level exceeding the MCL in one of the samples.

In summary, concentrations of VOCs (15 samples), dioxins/furans (seven samples), metals (25 samples), and fluoride (one sample) exceeded tap water RSLs, concentrations of lead (three samples) exceeded its Action Level, and concentrations of nitrate (two samples) and plate count (two samples) exceeded federal MCLs in the municipal water samples collected. **Figure 3.6-3** and **Figure 3.6-4** show the locations of the exceedances.

3.6.2.2 Study Area 6 – Houses Supplied by Wells or Unknown Sources

Table 3.6-5 presents the chemicals detected in two tap water samples collected from one residence where it was determined that the tap water source was from groundwater wells or from unknown sources in Study Area 6. Descriptive statistics are presented in **Table 3.6-6**. VOCs, dioxins/furans, inorganics, chloride, nitrate, sulfate, and one microbiological parameter were frequently detected in these tap water samples. Study Area 6 non-municipal tap water results are summarized as follows:

- Five VOCs (bromoform, chloroform, carbon tetrachloride, PCE, and TCE) were detected in both samples collected from the residence. Chloroform was detected in both samples at concentrations exceeding the tap water and inhalation RSLs. Bromoform was detected in one sample at a concentration less than its RSL and THM MCL. Carbon tetrachloride was detected in both samples at concentrations exceeding the RSL. PCE was detected in one sample at a concentration exceeding its tap water RSL. TCE was detected in both samples at concentrations less than the RSL. All VOC concentrations were less than MCLs in all samples.

- Dioxins/furans were detected in both samples collected. TEQ concentrations were less than the RSL and MCL.

- No SVOCs were detected in the well or unknown source water samples collected for SVOC analysis in Study Area 6.

- No pesticides or PCBs were detected in the well or unknown source water samples collected in Study Area 6.

- Metals were detected in both samples collected. Arsenic was detected at concentrations exceeding the tap water RSL and greater than 100 times the carcinogenic RSL in both samples, but concentrations were less than its MCL. Uranium was detected at concentrations exceeding the carcinogenic tap water RSL (based on radioactivity) in both samples, but less than the MCL in both samples. Concentrations of other detected metals were less than RSLs and MCLs in both samples. Metals concentrations are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, fluoride, nitrate, and sulfate were frequently detected. Nitrate concentrations exceeded the MCL and RSL in both samples. Concentrations of all other parameters were less than tap water RSLs and MCLs in both samples.

- Gross alpha and gross beta radioactivity were reported in both samples. Gross beta radioactivity exceeded the MCL in both samples; gross alpha radioactivity was less than its MCL in all samples. Exceedances of the gross beta MCL triggered radionuclide speciation, the results of which indicated that all samples were less than the MCL (**Section 9.0**).

- One microbiological parameter detection was reported. Plate count was detected in 1 of the 2 samples collected for microbiological parameters in Study Area 6 and it did not exceed the MCL. Total coliform was detected in an initial sample in excess of the MCL; however, subsequent resamples indicated no exceedance of the total coliform MCL.

In summary, concentrations of VOCs (10 samples), metals (two samples), and nitrate (two samples) exceeded tap water RSLs and nitrate (two samples) exceeded the MCL in the non-muncipal water samples collected. **Figure 3.6-3** and **Figure 3.6-4** show the locations of the exceedances.

3.6.3 Soil

Table 3.6-7 presents the chemicals detected in the eight soil samples collected from Study Area 6. Descriptive statistics are presented in **Table 3.6-8**. The following is a summary of these results:

- Dioxins/furans were frequently detected in most soil samples. TEQ concentrations were less than the residential RSL.

- Six VOCs were detected in Study Area 6 soil samples. Toluene was detected in five samples, and the other VOCs were detected in two or fewer samples. Concentrations of all VOCs were less than residential RSLs.

- Thirteen SVOCs were detected infrequently in soil samples. Concentrations of cPAHs, reported as BaPEqs, exceeded its residential RSL in one soil sample; all remaining SVOC concentrations were less than residential RSLs. Concentrations of cPAHs were consistent with naturally occurring background in urban environments levels (**ATSDR, 1998; Tetra Tech, 2009a**).

- One pesticide, 4,4'-DDE, was detected in one soil sample at a concentration less than its residential RSL.

- No PCBs were detected in any of the soil samples from Study Area 6.

- Twenty metals were detected frequently in most soil samples. Arsenic exceeded its residential RSL in all eight samples; however, the arsenic concentrations are consistent with naturally occurring background levels (**Cicchella et al., 2005; Tetra Tech, 2009a**) for this region.

In summary, concentrations of dioxins/furans, VOCs, and pesticides were less than screening criteria, and PCBs were not detected in Study Area 6 soil samples. The concentration of cPAHs exceeded the RSL in one soil sample, and concentrations of arsenic exceeded residential RSLs in all eight soil samples collected from Study Area 6. However, concentrations of cPAHs and arsenic are consistent with naturally occurring background levels. **Figure 3.6-5** shows the locations of the exceedances.

3.7 STUDY AREA 7 – PARCO EVA

3.7.1 Active Soil Gas

Table 3.7-1 presents the 44 VOCs detected in active soil gas samples collected from 25 of 27 residences in Study Area 7. Descriptive statistics are presented in **Table 3.7-2**. VOCs were detected in all 25 samples, and concentrations of VOCs exceeded ASG screening levels in all samples. Eleven VOCs were detected at concentrations exceeding ASG screening levels, as follows:

- PCE concentrations exceeded its screening level in 12 samples.
- Acrolein concentrations exceeded its screening level in 15 samples.
- Chloroform concentrations exceeded its screening level in nine samples.
- Ethylbenzene concentrations exceeded its screening level in seven samples.
- Concentrations of 1,2-dichloropropane and benzene exceeded their screening levels in five samples.
- Concentrations of remaining VOCs exceeded screening levels in two or fewer samples.

Figure 3.7-1 shows the locations of the exceedances.

3.7.2 Tap Water

Table 3.7-3 presents the chemicals detected in 27 municipal water samples collected in Study Area 7. Descriptive statistics are presented in **Table 3.7-4**. Dioxins/furans, inorganics, chloride, fluoride, nitrate, and sulfate were frequently detected in these tap water samples. Study Area 7 tap water results are summarized as follows:

- Eight VOCs were detected in the 27 samples collected. VOCs were detected infrequently in most samples. Four of the VOCs detected were the trihalomethanes, bromodichloromethane, bromoform, chlorodibromomethane, and chloroform, disinfectant by-products associated with water treatment. Bromodichloromethane was detected in 4 of 27 samples at concentrations exceeding the tap water RSL but less than the THM MCL. Bromoform was detected in 22 of 27 samples at concentrations less than the RSL. Chlorodibromomethane was detected in 19 samples, with concentrations exceeding the tap water RSL in 19 samples. Chloroform was detected in two samples, with concentrations exceeding the tap water and inhalation RSLs in one sample. PCE was detected in five samples at concentrations exceeding the RSL. All concentrations of VOCs were less than MCLs.

- Dioxins/furans were detected in all samples collected. TEQ concentrations exceeded the tap water RSL in one sample but were less than the MCL in all samples.

- One SVOC, bis(2-ethylhexyl) phthalate, was detected in 1 of 14 samples collected for SVOC analysis. The concentration did not exceed the RSL or MCL.

- No pesticides or PCBs were detected in the municipal water samples collected in Study Area 7.

- Metals were detected frequently in the samples collected. Concentrations of arsenic exceeded the tap water RSL in all samples and were greater than 100 times the carcinogenic RSL in 13 samples, but were less than the MCL in all samples. Uranium was detected in 10 of 27 samples at concentrations exceeding the carcinogenic tap water RSL (based on radioactivity), but less than the MCL in all samples. Concentrations of other detected metals were less than RSLs and MCLs in all samples. Metals concentrations are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, fluoride, nitrate, and sulfate were frequently detected. Concentrations of nitrate exceeded the MCL in two samples and the RSL in one sample, and concentrations of the remaining parameters were less than tap water RSLs and MCLs in all samples.

- Gross alpha radioactivity was reported in three samples, and gross beta radioactivity was reported in 19 samples. Gross beta radioactivity exceeded the MCL in eight samples; gross alpha radioactivity was less than its MCL in all samples. Exceedances of the gross beta MCL triggered radionuclide speciation, the results of which indicated that all samples were less than the MCLs (**Section 9.0**).

- Two microbiological parameter detections were reported. Plate count was detected in one of two samples, but was less than the MCL. Total coliform was detected in excess of the MCL in 2 of 27 samples.

In summary, concentrations of VOCs (21 samples), dioxins/furans (one sample), metals (26 samples), and nitrate (one sample) exceeded the tap water RSL and nitrate (two samples) and total coliform (two samples) exceeded the federal MCL in the municipal water samples collected. **Figure 3.7-2** shows the locations of the exceedances.

3.7.3 Soil

Table 3.7-5 presents the chemicals detected in the seven soil samples collected from Study Area 7. Descriptive statistics are presented in **Table 3.7-6**. The following is a summary of these results:

- Dioxins/furans were frequently detected in most soil samples. TEQ concentrations were less than the residential RSL.

- Five VOCs were detected in soil samples collected in Study Area 7. Toluene was detected in four samples, and the remaining VOCs were detected in two or fewer samples. Concentrations of all VOCs were less than residential RSLs.

- Twenty-four SVOCs were detected infrequently. Di-n-butyl phthalate was detected in three samples. Concentrations of all SVOCs were less than residential RSLs.

- No pesticides were detected in any of the soil samples from Study Area 7.

- No PCBs were detected in any of the soil samples from Study Area 7.

- Twenty metals were detected frequently, most metals in all seven soil samples collected in Study Area 7. Arsenic concentrations exceeded its residential RSL in all seven samples; however, the arsenic concentrations are consistent with naturally occurring background levels (**Cicchella et al., 2005; Tetra Tech, 2009a**) in the region.

In summary, concentrations of dioxins/furans, VOCs, and SVOCs were less than screening criteria, and pesticides and PCBs were not detected in Study Area 7 soil samples. Arsenic concentrations exceeded the residential RSL in all seven soil samples collected from Study Area 7 but are consistent with naturally occurring background levels. **Figure 3.7-3** shows the locations of the exceedances.

3.8 STUDY AREA 8 - VILLA

3.8.1 Active Soil Gas

Table 3.8-1 presents the 47 VOCs detected in ASG samples collected from 29 residences in Study Area 8. Descriptive statistics are presented in **Table 3.8-2**. VOCs were detected in all samples, and concentrations of VOCs exceeded ASG screening levels at 27 residences. Twelve VOCs were detected at concentrations exceeding ASG screening levels, as follows:

- PCE concentrations exceeded its screening level in 23 samples.
- Acrolein concentrations exceeded its screening level in 20 samples.
- Benzene concentrations exceeded its screening level in 12 samples.

- Ethylbenzene concentrations exceeded its screening level in nine samples.
- Chloroform concentrations exceeded its screening level in eight samples.
- 1,2-Dichloropropane concentrations exceeded its screening level in six samples.
- Concentrations of remaining VOCs exceeded its screening level in three or fewer samples.

Figure 3.8-1 shows the locations of the exceedances.

3.8.2 Tap Water

3.8.2.1 Study Area 8 – Houses Supplied by Municipal Water

Table 3.8-3 presents the chemicals detected in 24 municipal water samples collected in Study Area 8. Descriptive statistics are presented in **Table 3.8-4**. Dioxins/furans, inorganics, chloride, fluoride, nitrate, and sulfate were frequently detected in these tap water samples. Study Area 8 municipal tap water results are summarized as follows:

- Seven VOCs were detected in the 24 samples collected. VOCs were detected infrequently in most samples. Four of the VOCs detected were the trihalomethanes, bromodichloromethane, bromoform, chlorodibromomethane, and chloroform, disinfectant by-products associated with water treatment. Bromodichloromethane was detected in two samples at concentrations exceeding the tap water RSL but less than the THM MCL. Bromoform was detected in 23 samples at concentrations less the RSL in all samples. Chlorodibromomethane was detected in 22 samples, with concentrations exceeding the tap water RSL but less than the THM MCL in one sample. Chloroform was detected in four samples, with concentrations exceeding the tap water and inhalation RSLs in one sample, but less than the THM MCL. PCE was detected in two samples, with concentrations exceeding the RSL in one sample, but less than its MCL. All VOCs were detected at concentrations less than MCLs.

- Dioxins/furans were detected in all samples collected. TEQ concentrations exceeded the tap water RSL in two samples and were less than the MCL in all samples.

- Three SVOCs were detected infrequently in the samples collected for SVOC analysis. SVOC concentrations did not exceed RSLs or MCLs.

- No pesticides or PCBs were detected in the municipal water samples collected in Study Area 8.

- Metals were detected frequently in the samples collected. Concentrations of arsenic exceeded the tap water RSL in all samples and were greater than 100 times the carcinogenic RSL in eight samples.

Arsenic concentrations did not exceed its MCL. The copper concentration exceeded the RSL and Action Level in one sample, and the concentration of lead exceeded its Action Level in one sample. Uranium was detected in 10 of 24 samples at concentrations exceeding the carcinogenic tap water RSL (based on radioactivity), but less than the MCL in all samples. Concentrations of other detected metals were less than RSLs and MCLs in all samples. Metals concentrations, except for lead and copper, are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, fluoride, nitrate, and sulfate were frequently detected but at concentrations less than tap water RSLs and MCLs in all samples.

- Gross alpha radioactivity was reported in six samples, and gross beta radioactivity was reported in 21 samples. Gross beta radioactivity exceeded the MCL in 14 samples; gross alpha radioactivity was less than its MCL in all samples. Exceedances of the gross beta MCL triggered radionuclide speciation, the results of which indicated that all samples were less than the MCLs (**Section 9.0**).

- Two microbiological parameter detections were reported. Fecal coliform was detected in 1 of 24 samples and was greater than the MCL. Total coliform was detected in excess of the MCL in 2 of 24 samples.

In summary, concentrations of VOCs (22 samples), dioxins/furans (two samples), and metals (24 samples) exceeded the tap water RSL, and copper (one sample), lead (one sample) exceeded the Action Level, and fecal coliform (one sample) and total coliform (two samples) exceeded the federal MCL in the municipal water samples collected. **Figure 3.8-2** shows the locations of the exceedances.

3.8.2.2 Study Area 8 – Houses Supplied by Wells or Unknown Sources

Table 3.8-5 presents the chemicals detected in four tap water samples collected from one residence where it was determined that the tap water source was from groundwater wells or from unknown sources in Study Area 8. Descriptive statistics are presented in **Table 3.8-6**. Dioxins/furans, inorganics, chloride, fluoride, nitrate, and sulfate were frequently detected in the tap water samples. Study Area 8 tap water results are summarized as follows:

- Three VOCs, chloroform, PCE, and TCE, were detected in the four samples collected. Chloroform was detected in one sample at a concentration less than its RSL and THM MCL. PCE was detected in four samples at concentrations exceeding the tap water RSL, at a concentration greater than 100 times the RSL in one sample, at a concentration greater than the inhalation RSL in one sample, and

greater than its MCL in one sample. TCE was detected in one sample at a concentration less than its RSL and MCL.

- Dioxins/furans were detected in all samples collected. TEQ concentrations were less than the tap water RSL and MCL in all samples.

- No SVOCs were detected in the tap water samples collected in Study Area 8 believed to be from a private well.

- No pesticides or PCBs were detected in tap water samples collected in Study Area 8 believed to be from a private well.

- Metals were detected frequently in the samples collected. Concentrations of arsenic exceeded the tap water RSL in all samples and were greater than 100 times the carcinogenic RSL in three samples. All arsenic concentrations were less than the MCL. Zinc was detected in all samples, and the concentration in one sample was greater than its RSL. Uranium was detected in all 4 samples at concentrations exceeding the carcinogenic tap water RSL (based on radioactivity), but less than the MCL in all samples. Concentrations of other detected metals were less than RSLs and MCLs in all samples. Metals concentrations are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, fluoride, nitrate, and sulfate were frequently detected; nitrite was detected infrequently. Concentrations of nitrate exceeded the MCL and RSL in four samples. Concentrations of fluoride exceeded the RSL in one sample. Concentrations of the remaining parameters were less than tap water RSLs and MCLs in all samples.

- Gross alpha radioactivity was reported in four samples, and gross beta radioactivity was reported in four samples. Gross beta radioactivity exceeded the MCL in all four samples; gross alpha radioactivity was less than its MCL in all samples. Exceedances of the gross beta MCL triggered radionuclide speciation, the results of which indicated that all samples were less than the MCLs (**Section 9.0**).

- Two microbiological parameters were detected. Plate count was detected in one sample at a level less than the MCL. Total coliform was detected in excess of the MCL in four samples.

In summary, concentrations of VOCs (four samples), metals (four samples), nitrate (one sample), and fluoride (one sample) exceeded tap water RSLs, and VOCs (one sample), nitrate (two samples), and total coliform (four samples) exceeded MCLs in the water samples collected from private wells or unknown sources. **Figure 3.8-2** shows the locations of the exceedances.

3.8.3 Soil

Table 3.8-7 presents the chemicals detected in the 18 soil samples collected from Study Area 8. Descriptive statistics are presented in **Table 3.8-8**. The following is a summary of these results:

- Dioxins/furans were frequently detected in all soil samples. TEQ concentrations were less than the residential RSL.

- Twenty-eight VOCs were detected in the soil samples collected at Study Area 8. Toluene was detected in 15 samples; remaining VOCs were detected in five or fewer samples, the majority in one or two samples. Concentrations of all VOCs were less than residential RSLs.

- Twenty-five SVOCs were detected infrequently in Study Area 8 soil samples. Concentrations of cPAHs, reported as BaPEqs, exceeded its residential RSL in one soil sample; the remaining SVOCs were detected in four or fewer samples. Concentrations of all other SVOCs were less than residential RSLs. Concentrations of cPAHs are consistent with naturally occurring background levels in urban environments (**ATSDR, 1998; Tetra Tech, 2009a**).

- No pesticides were detected in any of the soil samples from Study Area 8.

- No PCBs were detected in any of the soil samples from Study Area 8.

- Twenty metals were detected frequently, most metals in all 18 soil samples collected in Study Area 8. The concentration of aluminum exceeded its residential RSL in one soil sample, and concentrations of arsenic exceeded its residential RSL in all 18 samples. However, the arsenic concentrations are consistent with naturally occurring background levels (**Cicchella et al., 2005; Tetra Tech, 2009a**) for this region.

In summary, concentrations of dioxins/furans and VOCs were less than screening criteria, and pesticides and PCBs were not detected in Study Area 8 soil samples. Concentrations of cPAHs exceeded its residential RSL in one soil sample; the aluminum concentration in one soil sample exceeded its RSL; and arsenic concentrations exceeded the residential RSL in all 18 soil samples collected from Study Area 8.

Concentrations of cPAHs and arsenic are consistent with naturally occurring background levels. **Figure 3.8-3** shows the locations of the exceedances.

3.9 STUDY AREA 9 – PARCO LE GINESTRE

3.9.1 Active Soil Gas

Table 3.9-1 presents the 41 VOCs detected in ASG samples collected from 8 of 10 residences in Study Area 9. Descriptive statistics are presented in **Table 3.9-2**. VOCs were detected in all eight samples at concentrations exceeded ASG screening levels. Eight VOCs were detected at concentrations exceeding ASG screening levels, as follows:

- PCE concentrations exceeded its screening level in six samples.
- Concentrations of acrolein and chloroform exceeded their screening levels in five samples.
- 1,2-Dichloropropane concentrations exceeded its screening level in four samples.
- Benzene concentrations exceeded its screening levels in three samples.
- Concentrations of remaining VOCs exceeded their screening levels in one or no samples.

Figure 3.9-1 shows the locations of the exceedances.

3.9.2 Tap Water

Table 3.9-3 presents the chemicals that were detected in 10 municipal water samples collected in Study Area 9. Descriptive statistics are presented in **Table 3.9-4**. VOCs, dioxins/furans, inorganics, chloride, fluoride, nitrate, and sulfate were frequently detected in the tap water samples. Study Area 9 municipal tap water results are summarized as follows:

- Four VOCs were detected in the 10 samples collected, and VOCs were detected frequently in most samples. The VOCs detected were the trihalomethanes, bromodichloromethane, bromoform, chlorodibromomethane, and chloroform, disinfectant by-products associated with water treatment. Bromodichloromethane was detected in three samples at concentrations exceeding the tap water RSL but less than the THM MCL. Bromoform was detected in nine samples at concentrations less than the RSL. Chlorodibromomethane was detected in seven samples, with concentrations exceeding the tap water RSL in six samples. Chloroform was detected in four samples, with concentrations exceeding the tap water and inhalation RSLs in three samples. PCE was not detected in any of the samples. All concentrations of VOCs detected were less than MCLs.

- Dioxins/furans were detected in all samples collected. TEQ concentrations exceeded the tap water RSL in one sample and were less than the MCL in all samples.

- Three SVOCs were detected in one of the four samples collected for SVOC analysis. SVOC concentrations did not exceeded RSLs or MCLs.

- No pesticides or PCBs were detected in municipal water samples collected in Study Area 9.

- Metals were detected frequently in the samples collected. Concentrations of arsenic exceeded the tap water RSL in all samples and were greater than 100 times the carcinogenic RSL in four samples, but all concentrations were less than the MCL. The lead concentration in one sample exceeded its Action Level. Uranium was detected in 1 of 10 samples at concentrations exceeding the carcinogenic tap water RSL (based on radioactivity), but less than the MCL in all samples. Concentrations of other detected metals were less than RSLs and MCLs in all samples. Metals concentrations, except for lead, are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, nitrate, and sulfate were frequently detected in the samples collected. Fluoride was detected infrequently. Concentrations of the parameters were less than tap water RSLs and MCLs in all samples.

- Gross alpha radioactivity was reported in two samples, and gross beta radioactivity was reported in four samples. Gross beta radioactivity exceeded the MCL in one sample; gross alpha radioactivity was less than its MCL in all samples. Exceedances of the gross beta MCL triggered radionuclide speciation, the results of which indicated that all samples were less than the MCLs (**Section 9.0**).

- One microbiological parameter was detected. Plate count was detected in two samples at levels was less than the MCL.

In summary, concentrations of VOCs (eight samples), dioxins/furans (one sample), and metals (10 samples) exceeded tap water RSLs, and the concentration of lead (one sample) exceeded its Action Level in the municipal water samples collected. **Figure 3.6-4** shows the locations of the exceedances.

3.9.3 Soil

Table 3.9-5 presents the chemicals detected in the five soil samples collected from Study Area 9. Descriptive statistics are presented in **Table 3.9-6**. The following is a summary of these results:

- Dioxins/furans were frequently detected in all soil samples. TEQ concentrations were less than the residential RSL.

- Two VOCs, chloroform and toluene, were detected in the soil samples collected at Study Area 9. Toluene was detected in two samples and chloroform was detected in one sample. Concentrations of both VOCs were less than their residential RSLs.

- Twenty-seven SVOCs were detected infrequently in the soil samples (two or fewer). Concentrations of cPAHs, reported as BaPEqs, exceeded its residential RSL in two soil samples; concentrations of all other SVOCs were less than residential RSLs. Concentrations of cPAHs are consistent with naturally occurring background levels in urban environments (**ATSDR, 1998; Tetra Tech, 2009a**).

- No pesticides were detected in any of the soil samples from Study Area 9.

- No PCBs were detected in any of the soil samples from Study Area 9.

- Twenty-one metals were detected, most in all five soil samples collected in Study Area 9. Arsenic concentrations exceeded its residential RSL in all five samples; however, the arsenic concentrations are consistent with naturally occurring background levels (**Cicchella et al., 2005; Tetra Tech, 2009a**) in the region.

In summary, concentrations of dioxins/furans and VOCs were less than screening criteria, and pesticides and PCBs were not detected in Study Area 9 soil samples. Concentrations of cPAHs exceeded its residential RSL in two soil samples, and concentrations of arsenic exceeded its residential RSL in all five soil samples collected from Study Area 9. However, concentrations of cPAHs and arsenic are consistent with naturally occurring background levels. **Figure 3.9-2** shows the locations of the exceedances.

3.10 SUMMARY OF RESULTS FOR ALL STUDY AREAS

3.10.1 Active Soil Gas

VOCs were detected in all of the ASG samples collected from 177 residences across all nine study areas. Concentrations of VOCs exceeded soil gas RSLs in ASG samples collected from all study areas, with 23 VOCs detected at concentrations greater than soil gas RSLs across the entire region. Concentrations of eight or more VOCs exceeded RSLs within each study areas. Six VOCs were detected at concentrations greater than soil gas RSLs in all nine study areas.

Concentrations of seven VOCs exceeded the soil gas RSLs in greater than 15 percent of the samples (**Table 3.10-1** and **Table 3.10-2**). These included PCE, acrolein, chloroform, benzene, ethylbenzene, 1,2-dichloropropane, and hexachlorobutadiene.

- PCE concentrations exceeded its soil gas RSL with the greatest frequency (63 percent), with 71 percent of detections greater than the RSL.

- Acrolein concentrations exceeded its soil gas RSL at a frequency of 54 percent, with 99 percent of detections greater than the RSL.

- The remainder of these seven contaminants had concentrations greater than soil gas RSLs less than 50 percent of the time.

- Although benzene and ethylbenzene concentrations exceeded their soil gas RSL less frequently than the other compounds, they were detected most frequently in soil gas samples collected from across the region at 92 and 88 percent, respectively.

The remaining VOCs exceeded soil gas RSLs in less than 5 percent of the samples.

A statistical comparison of the Phase II ASG concentrations of PCE, benzene, ethylbenzene, and chloroform collected from across the region indicated:

- Benzene and chloroform concentrations were not significantly different between study areas.
- PCE concentrations in Study Area 6 were significantly different than those in Study Areas 1, 5, and 7.
- PCE concentrations in Study Area 7 were significantly different than those in Study Area 8.
- Ethylbenzene concentrations in Study Area 7 were significantly different than those in Study Areas 1, 5, 6, and 8.

There were insufficient data in Study Areas 2, 3, 4, and 9 to evaluate significant differences in concentrations between other study areas. A detailed summary of this statistical analysis is presented in Appendix B.

Beginning in June 2009, the Project Team recommended that field personnel begin collecting residential AA samples concurrently with ASG samples to provide an additional line of evidence for evaluating the potential for vapor intrusion. Residential AA samples were collected at 16 Phase II residences across the

nine study areas (two from Study Area 1, five from Study Area 5, five from Study Area 6, one from Study Area 7, two from Study Area 8, and one from Study Area 9). **Table 3.10-3** presents the AA data.

ASG concentrations were also compared to the 95th percentile regional AA concentrations measured during the Phase II investigation (**Section 2.0**). The 95th percentile regional AA concentration is a parameter used in **Volume II** of the PHE as a basis for classifying a soil gas contaminant as a vapor intrusion contaminant or an ambient air contaminant when evaluating potential risk to human health. The decision logic for this classification is explained in Technical Memorandum: Identification of Chemicals in Soil Gas that may be Associated with Vapor Intrusion (**PIONEER, 2010**). While the technical memorandum (**PIONEER, 2010**) directly compares the ASG concentration to the 95th percentile regional AA concentration, this section of the report also compares attenuated soil gas concentrations to provide perspective with regards to potential indoor air concentrations.

In all but 18 of the 177 ASG samples collected from across the nine study areas, concentrations of at least one contaminant exceeded the 95th percentile regional AA concentration. However, when applying the attenuation factor to each soil gas concentration and comparing it to the 95th percentile regional AA concentration, 64 of the 177 residences had at least one contaminant concentration greater than the 95th percentile regional AA concentration. In 17 of these 64 residences, trihalomethanes are the only contaminants with attenuated concentrations that exceed the 95th percentile regional AA concentration, which could be attributable to disinfectant byproducts in municipal water. In 20 of these 64 residences, attenuated concentrations of other contaminants are less than two times greater than the 95th percentile regional AA concentration, which could be within the margin of error for laboratory analysis. Although all detected concentrations of acrolein exceeded its soil gas RSL, no attenuated concentration exceeded its 95th percentile regional AA concentration. Also, no concentration of hexachlorobutadiene exceeded its 95th percentile regional AA concentration. **Table 3.10-4** presents a summary of this comparison across the nine study areas. **Tables 3.10-5 through 3.10-13** present comparisons of the ASG data to the ambient air data by Study Area. **Figures 3.10-1 through 3.10-18** illustrate these comparisons of the ASG data and attenuated ASG data to 95th percentile regional AA concentrations by Study Area.

3.10.2 Tap Water

The following text and **Table 3.10-14** present summaries of exceedances of MCLs and tap water RSLs for water samples collected from the nine study areas.

- Trihalomethanes were ubiquitous and were detected at concentrations exceeding tap water RSLs in water samples collected from all nine study areas, but all concentrations were less than the MCL.

- PCE was detected in water samples collected from all study areas except municipal water collected from Study Area 5 and Study Area 9. PCE concentrations were greater than the MCL in water samples collected Study Areas 5 and 8 where the water was collected from a well.

- Dioxins/furans were also ubiquitous in water samples across the nine study area, and the TEQ exceeded its tap water RSL in all study areas except for well water samples collected from Study Areas 6 and 8.

- Arsenic was detected in all samples at concentrations greater than its tap water RSL. Arsenic concentrations were greater than its MCL in water samples collected from Study Area 1 and in municipal and well water samples collected from Study Area 5. However, arsenic concentrations are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Lead concentrations exceeded its Action Level in water samples collected from Study Areas 1, 2, 3, and 9 and from municipal water samples collected from Study Areas 6 and 8. Action Level exceedances for lead are included in the MCL portion of **Table 3.10-14**.

- Copper concentrations exceeded its Action Level and tap water RSL in samples collected from municipal water supplies in Study Areas 5 and 8. Action Level exceedances for copper are included in the MCL portion of **Table 3.10-14**.

- The concentration of nickel exceeded its RSL in a sample collected from Study Area 2, and zinc concentrations exceeded its RSL in well water samples collected from Study Areas 5 and 8. However, these metals are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Nitrate concentrations exceeded its MCL and RSL in water samples collected from Study Areas 6, 7, and 8.

- The concentration of uranium exceeded its RSL in all samples collected from all study areas; however, all concentrations were less than the MCL. However, uranium concentrations are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Total or fecal coliform were present in water samples collected from Study Areas 2, 4, 5, 7, and 8; however, the presence of coliform was sporadic.

- Pesticide and PCBs were not detected in any water samples.

A statistical comparison of the Phase II tap water concentrations of PCE collected from across the region indicated:

- PCE concentrations in Study Area 2 were significantly different than those in Study Areas 1, 5, 6, 7, and 8.
- PCE concentrations in Study Area 5 were significantly different than those in Study Areas 6 and 7.
- Bacterial contamination was not significantly different between study areas.

There were insufficient data in Study Areas 3, 4, and 9 to evaluate significant differences in concentrations between other study areas. A detailed summary of this statistical analysis is presented in Appendix B.

3.10.3 Soil

Overall, arsenic and cPAHs were the only contaminants detected at concentrations greater than residential soil RSLs across the study areas; however, detected concentrations of arsenic and cPAHs are consistent with concentrations in other urban or volcanic environments (**Cicchella et al., 2005; Tetra Tech, 2009a**). Dioxins/furans, VOCs, SVOCs, and metals were frequently detected in soil but always at concentrations less than residential soil RSLs. Pesticides were infrequently detected and their concentrations were always less than residential soil RSLs. PCBs were not detected in any soil samples.

3.10.4 Regional Summary

Across the nine study areas, PCE was the contaminant detected most frequently in soil gas at concentrations greater than its soil gas RSL. PCE was detected at concentrations greater than its soil gas RSL in at least 40 percent of the samples within each study area. Overall, 14 percent of all ASG samples had attenuated PCE concentrations greater than the 95th percentile regional AA concentration; this was the greatest frequency of all the compounds. Study Areas 6 and 8 had the greatest percentage of samples (30 percent) where PCE was detected in soil gas at concentrations greater than it soil gas RSL. Approximately one third of the samples within each of these study areas had attenuated concentrations greater than the regional AA concentration (**Table 3.10-15**).

Across all nine study areas, PCE was detected in tap water samples at concentrations greater than its RSL; however it was detected at concentrations greater than its MCL in well water samples in Study Areas 5 and 8. Only 3 of 32 samples within Study Area 5 had attenuated soil gas concentrations of PCE

greater than its regional AA concentration and only one of these sample exceedances corresponds with an MCL exceedance. The MCL exceedance within Study Area 8 corresponds with the exceedance of the regional AA concentration by the attenuated soil gas concentration. Study Area 6 has the greatest number of exceedances of the regional AA concentration by the attenuated soil gas concentrations, but there is no well water data to determine whether this would be expected The direct correlation between MCL exceedances and exceedance of regional AA concentrations by soil gas is weak.

Figure 3.10-19 illustrates the exceedances of regional AA concentrations by the attenuated soil gas concentrations across the nine study areas, with an overlay of the locations of suspected or known dumps sites in the region. Similarly, **Figure 3.10-20** illustrates the exceedances of tap water RSLs or MCLs by the tap water concentrations across the nine study areas. A higher density of exceedances is evident in the New Lease Suspension Zone in Study Area 8 for both tap water and soil gas, which corresponds with the higher density of dump sites in this area. A higher density of exceedances is also evident in the southeast corner of Study Area 6. Although exceedances of soil gas concentration relative to the regional AA concentration are widespread across the area, there does not appear to be any significant relation with the dump sites, except for the areas already discussed. A similar conclusion can be drawn for tap water results.

TABLE 3.1-1

STUDY AREA 01
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0010	0021	0024	0082	0085	0167	0171	0180	0185	0588	0589	0598	1227
Sample ID		0010SG001	0021SG001	0024SG001	0082SG001	0085SG001	0167SG001	0171SG001	0180SG001	0185SG001	0588SG001	0589SG001	0598SG001	1227SG001
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090318	20090309	20090321	20090225	20090303	20090323	20090706	20090320	20090725	20090129	20090226	20090312	20090320
Study Area		STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID		6316942621420	6316942805411	6316949605500	6316737007483	6316730035334	6315840004470	6315800647458	6300976002228	6.30098E+12	6316728509689	6316942621308	6316730005550	6316401804322
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level														
Volatile Organics (UG/M3)														
1,1,1,2-TETRACHLOROETHANE	3.3	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	52000	0.182 J	0.15 U	0.15 U	0.15 U	0.15 U	0.312	0.222 J	0.15 U	0.186 J	0.15 U	0.15 U	68.7	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.215 U	0.04 U	0.04 U	0.04 U	0.04 U	0.408	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.74	0.62	12.1	0.483	0.844	0.691	0.828	0.705	0.685	0.696	0.509	8.5	0.715
1,1-DICHLOROETHANE	15	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.104 J	0.05 U	0.05 U	12.5	0.05 U
1,1-DICHLOROETHENE	2100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	149	0.1 U
1,2,3-TRICHLOROBENZENE	NC	0.4 U	0.4 U	0.4 U	1.85	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UR	1.99	0.4 U	0.4 U
1,2,4-TRICHLOROBENZENE	21	0.19 U	2.4 U	0.19 U	1.26	0.572 U	0.19 U	1.98	0.19 U	0.464 U	0.19 UR	1.34	3.8 U	0.19 U
1,2,4-TRIMETHYLBENZENE	73	0.05 U	0.376 U	0.05 U	0.624	0.05 U	0.05 U	0.572	0.05 U	0.166 U	2.82	1.05	0.05	0.459
1,2-DIBROMOETHANE	0.041	0.12 U	**0.168 J [R]**	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	2100	0.1 U	0.1 U	0.1 U	0.134 J	0.1 U	0.1 U	0.958	0.1 U	0.181 U	0.1 U	0.154 J	0.1 U	0.1 U
1,2-DICHLOROETHANE	0.94	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.324	0.1 U
1,2-DICHLOROPROPANE	2.4	0.09 U	0.156 J	0.09 U	0.247	0.332	**2.96 [R]**	0.184 U	0.09 U	0.09 U	1.62	0.194 J	1.13	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	NC	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.35 J	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	NC	0.05 U	0.265 U	0.05 U	0.233	0.05 U	0.05 U	0.465	0.05 U	0.05 U	0.564	0.339	0.05 U	0.05 U
1,3-DICHLOROBENZENE	NC	0.09 U	0.438 U	0.09 U	0.117 J	0.09 U	0.09 U	0.895	0.09 U	0.193 U	0.09 U	0.131 J	0.09 U	0.09 U
1,4-DICHLOROBENZENE	2.2	0.09 U	1.13	0.09 U	0.455	1.26	0.09 U	0.815	0.09 U	0.189 U	0.09 U	0.552	0.09 U	0.09 U
2-BUTANONE	52000	0.768	0.692 J	1.8	1.32	2.16	0.866	0.956	0.863	1.17	2.23	0.833	1.66	1.19
ACETONE	320000	4.44	8.27	8.61	50.9	10.7	17.3	5.59	5.4	9.65	42.8	6.83	6.52	8.26
ACETONITRILE	630	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.21	0.41 U	0.41 U	0.41 U	**0.462 J [R]**	**1.38 [R]**	**2.23 [R]**	0.41 U	0.41 U	0.41 U	0.41 U	**1.4 [R]**	0.41 U	0.41 U
BENZENE	3.1	2.04	0.373	0.249	0.436	1.8	0.124 J	0.255 U	0.03 U	0.331	**3.66 [R]**	1.08	0.518	0.284
BROMODICHLOROMETHANE	0.66	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.403	0.15 U	0.15 U	**37.1 [R]**	0.15 U
BROMOFORM	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	**145 [R]**	0.11 U
CARBON DISULFIDE	7300	0.825	0.337	0.1 U	0.1 U	0.409	0.1 U	0.1 U	0.1 U	0.214	0.521	0.29	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.6	0.268 J	0.134 J	0.13 U	0.13 U	0.132 J	0.15 J	0.197 U	0.34	0.236 J	0.176 J	0.228 J	0.13 U	0.13 U
CHLOROBENZENE	520	0.04 U	0.138 U	0.04 U	0.04 U	0.04 U	0.04 U	0.37	0.04 U	0.12 U	0.04 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.9	0.24 U	0.24 U	0.24 UJ	0.24 U	0.24 U	0.24 U	0.24 U	0.24 UJ	0.24 U	0.24 U	0.24 U	**70.9 [R]**	0.24 UJ
CHLOROFORM	1.1	0.11 U	0.11 U	0.457	0.181 J	0.464	0.11 U	0.11 U	1.06	**32.7 [R]**	0.202 J	0.11 U	**34.3 [R]**	0.11 U
CHLOROMETHANE	940	0.07 U	0.07 U	0.07 U	0.07 U	0.0708 J	0.07 U	0.07 U	0.07 U	0.112 J	0.239	0.07 U	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	NC	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	25.3	0.09 U
CYCLOHEXANE	63000	0.11 U	0.137 J	0.11 U	0.265	0.11 U	0.11 U	0.177 J	0.11 U	0.123 J	2.47	0.11 U	0.204	0.11 U
DIBROMOMETHANE	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.204 J	0.15 U	0.15 U	0.15 U	0.15 U	3.18	0.15 U
DICHLORODIFLUOROMETHANE	2100	1.99	1.87	3.4	0.18 U	2.13	2.5	2.74	2.49	2.13	2.28	0.18 U	2.47	2.49
ETHYLBENZENE	9.7	**9.75 [R]**	0.258 U	0.03 U	1.43	**11.3 [R]**	0.18 J	0.412 U	0.228	0.181 U	6.61	**12.8 [R]**	0.222 U	0.554
HEXACHLOROBUTADIENE	1.1	0.24 U	2.4 U	0.24 U	**1.37 [R]**	0.343 U	0.24 U	**2.1 [R]**	0.24 U	0.375 U	0.24 U	**1.43 [R]**	2.85 U	0.24 U
HEXACHLOROETHANE	6.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.318	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	7300	0.224 J	0.736	0.17 U	0.886	0.487	0.17 U	0.488	0.17 U	0.262 J	14.9	0.209 J	0.197 J	0.375
ISOBUTANOL	NC	0.46 U	0.46 U	0.46 U	1.75	0.46 UR	0.46 U	0.46 U	0.46 U	0.765 J	0.46 U	0.9	0.46 U	0.46 U
ISOPROPYLBENZENE	4200	0.07 U	0.07 U	0.07 U	0.07 U	0.329	0.07 U	0.129 J	0.07 U	0.07 U	0.07 U	0.563	0.07 U	0.07 U
M+P-XYLENES	7300	4.98	0.76 U	0.09 U	1.18	5.02	0.284	0.863	0.242	0.349 U	4.7	7.52	0.558 U	0.505
METHYL CYCLOHEXANE	NC	0.44	0.08 U	0.08 U	0.596	0.08 U	0.08 U	0.32	0.08 U	0.08 U	4.89	0.0918 J	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	94	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	52	0.08 U	0.344	0.08 U	0.08 U	0.08 U	0.08 U	0.924	0.08 U	0.08 U	0.52	0.215	0.212	0.08 U
O-XYLENE	7300	0.06 U	0.06 U	0.06 U	0.569	2.16	0.147 J	0.423 U	0.06 U	0.187 J	2.71	3.31	0.06 U	0.274
STYRENE	10000	30.5	0.369	0.07 U	0.315	18.2	0.453	0.363 U	1.08	0.148 J	0.543	110	0.07 U	2.84
TETRACHLOROETHENE	4.1	**8.95 [R]**	1.45 U	1.45 U	1.45 U	**4.63 [R]**	**12.2 [R]**	2.61 J	**64.6 [R]**	**15.4 [R]**	3.51	1.45 U	**110 [R]**	3.03
TOLUENE	52000	4.62	1.42	0.601	6	2.2	0.358	0.689 U	0.232	0.273 U	12.4	3.04	0.852	0.428
TRANS-1,2-DICHLOROETHENE	630	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.884	0.11 U
TRANS-1,3-DICHLOROPROPENE	6.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.0773 J	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	12	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.329	**24.2 [R]**	11	0.08 U	0.08 U	**200 [R]**	0.08 U
TRICHLOROFLUOROMETHANE	7300	1.79	2.49	2.98	1.46	3.96	2.59	1.82	1.8	1.66	1.5	1.33	13.5	1.94

NA - Not Available
NC - No Criteria
J - Estimated value
U - Not detected at that value
R - Rejected value
[R] Exceeds Soil Gas RSL

TABLE 3.1-1

STUDY AREA 01
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1312	1443	1450	1456	1459	1529	1811	1839	1867	1928	2090	2103	2139
Sample ID		1312SG001	1443SG001	1450SG001	1456SG001	1459SG001	1529SG001	1811SG001	1839SG001	1867SG001	1928SG001	2090SG001	2103SG001	2139SG001
Residential / Government	RSL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090303	20090121	20090331	20090306	20090204	20090408	20090128	20090114	20090227	20090512	20090402	20090220	20090404
Study Area		STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID		6316948803150	6316601835360	6317349605205	6316606313566	6316737001456	6316730039404	6316730009426	6317702007260	6316730011490	6315900303134	6316002717262	6316605966092	6315803003260
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level														
Volatile Organics (UG/M3)														
1,1,1,2-TETRACHLOROETHANE	3.3	0.18 U	0.18 U	2.68	0.18 UJ	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	52000	0.186 J	0.198 J	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.157 J	0.15 U	0.15 U	0.15 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	1.28	0.546	5.08	0.08 UJ	0.688	0.632	0.689	0.921	0.571	0.68	0.08 U	0.561	0.71
1,1-DICHLOROETHANE	15	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	2100	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	NC	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,4-TRICHLOROBENZENE	21	0.557 U	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.978	0.19 U	0.383 J	1.25	0.19 U
1,2,4-TRIMETHYLBENZENE	73	0.05 U	0.178 J	0.05 U	0.382 J	1.6	0.05 U	0.249	2.75	4.91	1.18	0.42	0.221	1.78
1,2-DIBROMOETHANE	0.041	0.12 U	0.12 U	0.12 U	0.12 UJ	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	2100	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.179 J	0.1 U	0.1 U	0.165 J	0.1 U
1,2-DICHLOROETHANE	0.94	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	**26.5 [R]**	1.73	0.09 U	1.34 J	0.479	0.09 U	1.28	1.75	0.09 U	0.09 U	0.09 U	0.142 J	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	NC	0.26 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	4.25	0.26 U
1,3,5-TRIMETHYLBENZENE	NC	0.218	0.0633 J	0.05 U	0.05 UJ	0.433	0.05 UJ	0.05 U	0.69	2.03	0.05 U	0.225	0.111 J	0.446
1,3-DICHLOROBENZENE	NC	0.09 U	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.141 J	0.09 U	0.09 U	0.114 J	0.09 U
1,4-DICHLOROBENZENE	2.2	1.22	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.09 U	0.09 U	**31.8 [R]**	1.03	0.619	0.483	0.09 U
2-BUTANONE	52000	1.01	2.81	1.85	2.49 J	3.31	1.07	0.863	3.77	3.66	6.71	0.849	0.997	0.903
ACETONE	320000	8.81	73.2	8.55	17.8 J	44	5.36	8.22	65.8	26	41.8	5.77	7.82	33.6
ACETONITRILE	630	0.38 U	1.11	0.38 U	0.38 UJ	0.732 J	0.38 U	0.38 U	0.7 J	0.38 U	0.408 J	0.38 U	0.38 U	0.592 J
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 UJ	1.02 U	11.5	1.02 U	1.02 U	1.02 U	2.96	1.02 U	1.02 U	2.87
ACROLEIN	0.21	**1.21 [R]**	**1.79 [R]**	0.41 U	**3.22 J [R]**	**1.15 [R]**	0.41 U	**0.901 [R]**	**2.8 [R]**	**0.596 J [R]**	**1.07 [R]**	0.41 U	0.41 U	0.41 U
BENZENE	3.1	0.487	1.74	0.482	**5.44 J [R]**	1.55	0.963	0.424	1.46	**8.46 [R]**	1.89	0.03 U	0.244	1.02
BROMODICHLOROMETHANE	0.66	**1.93 [R]**	0.15 U	0.15 U	0.15 UJ	0.15 U	0.64	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	22	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CARBON DISULFIDE	7300	0.252	11.2	1.81	1.71 J	0.57	1.75	0.358	1.57	12.8	20.5	0.367	0.115 J	0.214
CARBON TETRACHLORIDE	1.6	0.13 U	0.13 U	0.356	0.13 UJ	0.283 J	0.13 U	0.19 J	0.295 J	0.449	0.13 U	0.672	0.215 J	0.447
CHLOROBENZENE	520	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.9	0.24 U	0.24 U	0.24 U	0.24 UJ	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROFORM	1.1	**326 [R]**	0.117 J	0.53	0.711 J	0.937	**35.6 [R]**	0.817	0.11 U	0.268	**3.15 [R]**	**11.9 [R]**	**1.58 [R]**	0.363
CHLOROMETHANE	940	0.07 U	0.186 J	0.07 U	0.07 UJ	0.274	0.07 U	0.07 U	0.633	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	NC	0.09 U	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CYCLOHEXANE	63000	0.132 J	0.216 J	0.11 U	0.11 UJ	6.98	0.11 U	0.11 U	0.297 J	6.7	0.11 U	0.11 U	0.11 U	1.19
DIBROMOMETHANE	42	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	2.54	1.52	0.18 U	2.01 J	1.99	2.35	4.11	3.2	0.18 U	2.69	3.06	3.27	2.39
ETHYLBENZENE	9.7	4.52	0.378	**14.3 [R]**	0.606 J	1.94	**46.3 [R]**	0.03 U	3.72	6.86	1.78	5.01	0.2 J	1.93
HEXACHLOROBUTADIENE	1.1	0.365 U	0.24 U	0.24 U	0.24 UJ	0.279 J	0.24 U	0.24 U	0.24 U	0.947	0.24 U	0.24 U	**1.48 [R]**	0.24 U
HEXACHLOROETHANE	6.1	0.07 UJ	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	7300	0.561	0.248 J	0.645	1.22 J	4.31	0.17 U	0.245 J	1.71	19.5	0.361	0.17 U	0.17 U	1.95
ISOBUTANOL	NC	0.46 UR	0.46 U	0.46 U	0.46 UJ	2.35	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	4200	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.636 J	0.07 U	0.443	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
M+P-XYLENES	7300	2.31	0.384	8.18	1.81 J	4.46	23.4	0.338	6.59	24.1	1.37	2.91	0.333	2.83
METHYL CYCLOHEXANE	NC	0.08 U	0.354	0.568	0.08 UJ	6.46	0.08 U	0.08 U	25	10.9	0.08 U	0.407	0.0881 J	1.27
METHYL TERT-BUTYL ETHER	94	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.204 J	0.17 U	0.17 U	**227 [R]**
METHYLENE CHLORIDE	52	0.276	0.551	0.08 U	0.08 UJ	2.41	0.08 U	0.197 J	0.08 U	0.08 U	0.203	0.08 U	0.08 U	0.08 U
O-XYLENE	7300	1.37	0.172 J	0.06 U	0.8 J	1.63	0.06 U	0.163 J	7.45	4.34	0.725	1.45	0.168 J	0.06 U
STYRENE	10000	9.51	0.07 U	64.7	0.59 J	2.69	57	0.07 U	23.3	13.6	6.74	22.1	0.365	9.03
TETRACHLOROETHENE	4.1	**18.2 [R]**	**26 [R]**	1.75 J	3 J	**4.57 [R]**	3.69	**4.36 [R]**	**6.23 [R]**	**9.69 [R]**	**5.54 [R]**	1.45 U	1.45 U	2.39 J
TOLUENE	52000	0.874	4.98	3.12	3.35 J	18.8	1.04	1.65	70.1	17.5	2.03	5	2.09	2.96
TRANS-1,2-DICHLOROETHENE	630	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	6.1	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	12	0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	7300	3.75	1.98	2.56	24 J	1.51	1.92	10.6	10.1	1.45	1.78	1.69	2.28	2.2

NA - Not Available
NC - No Criteria
J - Estimated value
U - Not detected at that value
R - Rejected value
[R] Exceeds Soil Gas RSL

TABLE 3.1-2

STUDY AREA 01
SOIL GAS - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil Gas RSL	Soil Gas RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Volatile Organics (UG/M3)								
1,1,1,2-TETRACHLOROETHANE	1/26	0	3.3	2.68	2.68	0.18 - 0.18	2.68	0.19
1,1,1-TRICHLOROETHANE	8/26	0	52000	0.157 J	68.7	0.15 - 0.15	8.77	2.75
1,1,2,2-TETRACHLOROETHANE	1/26	0	0.42	0.408	0.408	0.04 - 0.215	0.41	0.04
1,1,2-TRICHLOROTRIFLUOROETHANE	24/26	0	310000	0.483	12.1	0.08 - 0.08	1.69	1.56
1,1-DICHLOROETHANE	2/26	0	15	0.104 J	12.5	0.05 - 0.05	6.30	0.51
1,1-DICHLOROETHENE	1/26	0	2100	149	149	0.1 - 0.1	149.00	5.78
1,2,3-TRICHLOROBENZENE	2/25	--	NC	1.85	1.99	0.4 - 0.4	1.92	0.34
1,2,4-TRICHLOROBENZENE	6/25	0	21	0.383 J	1.98	0.19 - 3.8	1.20	0.50
1,2,4-TRIMETHYLBENZENE	16/26	0	73	0.05	4.91	0.05 - 0.376	1.20	0.76
1,2-DIBROMOETHANE	1/26	1	0.041	0.168 J	0.168 J	0.12 - 0.12	0.17	0.06
1,2-DICHLOROBENZENE	5/26	0	2100	0.134 J	0.958	0.1 - 0.181	0.32	0.10
1,2-DICHLOROETHANE	1/26	0	0.94	0.324	0.324	0.1 - 0.1	0.32	0.06
1,2-DICHLOROPROPANE	14/26	2	2.4	0.142 J	26.5	0.09 - 0.184	2.85	1.56
1,2-DICHLOROTETRAFLUOROETHANE	2/26	--	NC	0.35 J	4.25	0.26 - 0.26	2.30	0.30
1,3,5-TRIMETHYLBENZENE	12/26	0	NC	0.0633 J	2.03	0.05 - 0.265	0.48	0.24
1,3-DICHLOROBENZENE	5/26	--	NC	0.114 J	0.895	0.09 - 0.438	0.28	0.10
1,4-DICHLOROBENZENE	10/26	1	2.2	0.455	31.8	0.09 - 0.189	3.94	1.54
2-BUTANONE	26/26	0	52000	0.692 J	6.71	-	1.80	1.80
ACETONE	26/26	0	320000	4.44	73.2	-	20.46	20.46
ACETONITRILE	5/26	0	630	0.408 J	1.11	0.38 - 0.38	0.71	0.29
ACETOPHENONE	3/26	--	NC	2.87	11.5	1.02 - 1.02	5.78	1.12
ACROLEIN	12/26	12	0.21	0.462 J	3.22 J	0.41 - 0.41	1.52	0.81
BENZENE	23/26	3	3.1	0.124 J	8.46	0.03 - 0.255	1.52	1.35
BROMODICHLOROMETHANE	4/26	2	0.66	0.403	37.1	0.15 - 0.15	10.02	1.60
BROMOFORM	1/26	1	22	145	145	0.11 - 0.11	145.00	5.63
CARBON DISULFIDE	19/26	0	7300	0.115 J	20.5	0.1 - 0.1	2.94	2.16
CARBON TETRACHLORIDE	16/26	0	1.6	0.132 J	0.672	0.13 - 0.197	0.29	0.20
CHLOROBENZENE	1/26	0	520	0.37	0.37	0.04 - 0.138	0.37	0.04
CHLORODIBROMOMETHANE	1/26	1	0.9	70.9	70.9	0.24 - 0.24	70.90	2.84
CHLOROFORM	19/26	7	1.1	0.117 J	326	0.11 - 0.11	23.75	17.37
CHLOROMETHANE	6/26	0	940	0.0708 J	0.633	0.07 - 0.07	0.25	0.09
CIS-1,2-DICHLOROETHENE	1/26	--	NC	25.3	25.3	0.09 - 0.09	25.30	1.02
CYCLOHEXANE	12/26	0	63000	0.123 J	6.98	0.11 - 0.11	1.57	0.76
DIBROMOMETHANE	2/26	--	42	0.204 J	3.18	0.15 - 0.15	1.69	0.20
DICHLORODIFLUOROMETHANE	22/26	0	2100	1.52	4.11	0.18 - 0.18	2.53	2.15
ETHYLBENZENE	20/26	5	9.7	0.18 J	46.3	0.03 - 0.412	6.52	5.04
HEXACHLOROBUTADIENE	6/26	4	1.1	0.279 J	2.1	0.24 - 2.85	1.27	0.48
HEXACHLOROETHANE	1/26	0	6.1	0.318	0.318	0.07 - 0.07	0.32	0.05
HEXANE	20/26	0	7300	0.197 J	19.5	0.17 - 0.17	2.48	1.92
ISOBUTANOL	4/24	--	NC	0.765 J	2.35	0.46 - 0.46	1.44	0.43
ISOPROPYLBENZENE	5/26	0	4200	0.129 J	0.636 J	0.07 - 0.07	0.42	0.11
M+P-XYLENES	22/26	0	7300	0.242	24.1	0.09 - 0.76	4.74	4.05
METHYL CYCLOHEXANE	13/26	--	NC	0.0881 J	25	0.08 - 0.08	3.95	2.00

NC - No Criteria
J - Estimated Value

TABLE 3.1-2

STUDY AREA 01
SOIL GAS - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil Gas RSL	Soil Gas RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
METHYL TERT-BUTYL ETHER	2/26	1	94	0.204 J	227	0.17 - 0.17	113.60	8.82
METHYLENE CHLORIDE	10/26	0	52	0.197 J	2.41	0.08 - 0.08	0.59	0.25
O-XYLENE	17/26	0	7300	0.147 J	7.45	0.06 - 0.423	1.63	1.08
STYRENE	21/26	0	10000	0.148 J	110	0.07 - 0.363	17.81	14.40
TETRACHLOROETHENE	20/26	13	4.1	1.75 J	110	1.45 - 1.45	15.52	12.10
TOLUENE	24/26	0	52000	0.232	70.1	0.273 - 0.689	6.90	6.39
TRANS-1,2-DICHLOROETHENE	1/26	0	630	0.884	0.884	0.11 - 0.11	0.88	0.09
TRANS-1,3-DICHLOROPROPENE	1/26	0	6.1	0.0773 J	0.0773 J	0.07 - 0.07	0.08	0.04
TRICHLOROETHENE	4/26	2	12	0.329	200	0.08 - 0.08	58.88	9.09
TRICHLOROFLUOROMETHANE	26/26	0	7300	1.33	24 J	-	4.02	4.02

NC - No Criteria
J - Estimated Value

TABLE 3.1-3

STUDY AREA 01
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	0010 0010TW001 RESIDENTIAL PHASE II 20090318 STUDY AREA 01 6316942621420 PUBLIC	0021 0021TW001 RESIDENTIAL PHASE II 20090309 STUDY AREA 01 6316942805411 PUBLIC	0021 0021TW001-AVG RESIDENTIAL PHASE II 20090309 STUDY AREA 01 6316942805411 PUBLIC	0021 0021TW001-D RESIDENTIAL PHASE II 20090309 STUDY AREA 01 6316942805411 PUBLIC	0024 0024TW001 RESIDENTIAL PHASE II 20090321 STUDY AREA 01 6316949605500 PUBLIC	0082 0082TW001 RESIDENTIAL PHASE II 20090225 STUDY AREA 01 6316737007483 PUBLIC	0085 0085TW001 RESIDENTIAL PHASE II 20090303 STUDY AREA 01 6316730035334 PUBLIC	0151 0151TW001 RESIDENTIAL PRE-LEASE HOME 20081008 STUDY AREA 01 6315603015350 PUBLIC	0151 0151TW002 RESIDENTIAL EASE HOME-RESA 20090515 STUDY AREA 01 6315603015350 PUBLIC	0167 0167TW001 RESIDENTIAL PHASE II 20090323 STUDY AREA 01 6315840004470 PUBLIC	0171 0171TW001 RESIDENTIAL PRE-LEASE HOME 20081014 STUDY AREA 01 6315800647458 PUBLIC	0171 0171TW001-AVG RESIDENTIAL PRE-LEASE HOME 20081014 STUDY AREA 01 6315800647458 PUBLIC
Shaded cell indicates exceedances of screening level																	
Blank Cells indicate that parameter was not anlayzed.																	
Dioxins/Furans (NG/L)																	
1,2,3,4,6,7,8,9-OCDD	NC	1.7	170	NC	NC	0.0055 U	0.0044 U	0.0042 U	0.004 U	0.0072 U	0.0044 U	0.0076 U	0.004 U		0.0068 U	0.0038 U	0.0038 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00026 U	0.00038 J	0.00038 J	0.00075 U	0.00031 U	0.000472 U	0.00032 U	0.0012 U		0.00027 U	0.00041 U	0.000692 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.000333 U	0.00043 U	0.000515 U	0.0006 U	0.000191 U	0.0005 U	0.000391 U	0.00072 U		0.00025 U	0.00041 U	0.00049 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00038 U	0.000251 U	0.000266 U	0.00028 U	0.000191 U	0.0004 U	0.00032 U	0.00067 U		0.00037 U	0.00029 U	0.000265 U
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00036 U	0.00038 U	0.000345 U	0.00031 U	0.00017 U	0.000323 U	0.00027 U	0.000321 U		0.0002 U	0.00055 J	0.000329 J
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00036 U	0.00048 J	0.00048 J	0.000543 U	0.00017 U	0.000422 U	0.000342 U	0.00067 U		0.00025 U	0.00041 J	0.00041 J
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00031 U	0.00053 U	0.00051 U	0.00049 U	0.00024 U	0.000422 U	0.000342 U	0.000444 U		0.0003 U	0.00034 U	0.000315 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.0011 U	0.000452 U	0.001076 U	0.0017 U	0.00084 U	0.000571 U	0.000391 U	0.00077 U		0.00092 U	0.000622 U	0.000526 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.0004 U	0.000251 U	0.000268 U	0.000284 U	0.00022 U	0.0004 U	0.00032 U	0.00054 J		0.0003 U	0.00036 U	0.0003 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00048 J	0.00043 U	0.000565 U	0.0007 U	0.00031 U	0.0004 U	0.00032 U	0.000222 U		0.00025 J	0.000263 J	0.000174 J
TEQ	NC	0.00052	0.052	0.37	NC	0.00048	5.18E-05	0.000052	0.0007 U	0.00031 U	0.0004 U	0.00032 U	0.000054		0.00025	0.000359	0.000248
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0022 J	0.0017 J	0.0017 J	0.0017 J	0.0022 J	0.0019 J	0.0023 J	0.001531 U		0.0024 J	0.0012 J	0.0012 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0017 J	0.0018 J	0.00123 J	0.00132 U	0.00072 J	0.0072 J	0.0015 J	0.0031 J		0.00082 J	0.0012 J	0.0012 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.0012 J	0.0012 U	0.00145 U	0.0017 U	0.00074 J	0.001342 U	0.0011 U	0.002 U		0.000644 U	0.001124 J	0.001124 J
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0014 J	0.0014 J	0.0014 J	0.0014 J	0.00077 U	0.0022 J	0.001247 U	0.0018 J		0.0011 J	0.0014 J	0.000944 J
TOTAL PECDD	NC	NC	NC	NC	NC	0.0011 U	0.000452 U	0.001076 U	0.0017 U	0.00084 U	0.000571 U	0.000391 U	0.00077 U		0.00092 U	0.000622 U	0.000526 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.0016 J	0.0012 J	0.00073 J	0.00052 U	0.00096 J	0.00082 J	0.00049 U	0.00062 J		0.00074 J	0.001029 U	0.000836 U
TOTAL TCDD	NC	NC	NC	NC	NC	0.0014 J	0.0013 U	0.0017 U	0.0021 U	0.000932 U	0.0012 U	0.000954 U	0.00067 J		0.000743 U	0.00079 U	0.000645 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.00067 J	0.00053 J	0.000383 J	0.00047 U	0.00062 J	0.0012 J	0.00054 U	0.00035 U		0.00055 J	0.000382 U	0.00029 J
Volatile Organics (UG/L)																	
1,1,1-TRICHLOROETHANE	200	9100	NC	91000	10000	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U		0.1 U	0.17 U	0.17 U
1,1-DICHLOROETHENE	7	340	NC	3400	420	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U		0.14 U	0.13 U	0.13 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	0.1 U	**0.431 J [R]**	**0.4565 J [R]**	**0.482 J [R]**	**0.55 [R]**	0.1 U	**0.307 J [R]**	0.12 U		**0.513 [R]**	**0.165 J [R]**	**0.168 J [R]**
BROMOFORM	80	8.5	850	7300	NC	0.06 U	1.17	1.155	1.14	2.55	0.653 J	1.83	1.81		2.55	4.92	4.64
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	0.1 U	**0.932 [R]**	**0.966 [R]**	**1 [R]**	**0.902 [R]**	**0.637**	**0.8**	**0.342 J**		**0.965 [R]**	**0.89 [R]**	**0.853 [R]**
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	**0.234 J [R][INH]**	**0.2385 J [R][INH]**	**0.243 J [R][INH]**	0.09 U	0.09 U	**0.218 J [R][INH]**	0.0925 J		**0.28 J [R][INH]**	0.146 J	0.1465 J
CIS-1,2-DICHLOROETHENE	70	370	NC	3700	NC	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U		0.1 U	0.154 J	0.155 J
M+P-XYLENES	10000	NC	NC	14000	NC	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U		0.1 U	0.09 U	0.09 U
METHYLENE CHLORIDE	5	4.8	480	11000	10	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.69 U		0.2 U	0.69 U	0.69 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U		0.1 U	**0.199 J [R]**	**0.194 J [R]**
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.13 U	0.307 J	0.302 J
Radiological Parameters (PCI/L)																	
GROSS ALPHA	15	NC	NC	NC	NC	2.98 U	2.88 U	2.915 U	2.95 U	1.87 U	2.21 U	2.6 U	5.1		2.59 U	1.9 U	1.65 U
GROSS BETA	8	NC	NC	NC	NC	2.62	2.95 U	2.915 U	2.88 U	3.68	2.7	1.97 U	**10.3 [F]**		3.38 U	**18.9 [F]**	**17.4 [F]**
Inorganics (UG/L)																	
ALUMINUM	NC	37000	NC	370000	NC	40.4	2.2 U	2.2 U	2.2 U	27	7.12	3.9 U	2.2 U		2.53	3.83	3.52
ANTIMONY	6	15	NC	150	NC	0.14 U	0.14 U	0.14 U	0.14 U	0.213 U	0.14 U	0.14 U	0.14 U		0.14 U	0.14 U	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**5.83 [R][C]**	**7.64 [R][C]**	**7.73 [R][C]**	**7.82 [R][C]**	**7.05 [R][C]**	**6.34 [R][C]**	**10.2 [F][R][C]**	**2.68 [R]**		**7.23 [R][C]**	**3.32 [R]**	**3.36 [R]**
BARIUM	2000	7300	NC	73000	NC	27.8	15.9	15.35	14.8	17.9	15.4	16.1	14.9		15.5	12.5	11.75
BERYLLIUM	4	73	NC	730	NC	0.03 U	0.03 U	0.03 U	0.03 U	0.0301 U	0.03 U	0.03 U	0.03 U		0.0304 U	0.0756	0.0744
CADMIUM	5	18	NC	180	NC	0.04 U	0.0714	0.0947	0.118	0.475	0.04 U	0.04 U	0.575		0.04 U	0.04 U	0.04 U
CALCIUM	NC	NC	NC	NC	NC	112	122	123	124	99.8	118	113	125		117	103	103
CHROMIUM	100	NC	NC	NC	NC	0.455 U	0.778	0.827	0.876	0.15 U	1.09 U	1.14	0.734		0.244	0.15 U	0.15 U
COBALT	NC	11	NC	110	NC	0.209	0.03 U	0.03 U	0.03 U	0.476	0.03 U	0.0622	0.0825		0.115	0.0369	0.0437
COPPER	1300	1500	NC	15000	NC	27.9	237	237.5	238	47.1	195	142	84.5		428	28	29.35
IRON	NC	26000	NC	260000	NC	243	5.62 J	17.71 J	29.8 J	6010	67.7	5.34	8.81		4.7 U	61.2	62.4
LEAD	15	NC	NC	NC	NC	7.03	2.06	2.235	2.41	**15.8 [F]**	7.38	1.68	2.04		1.24	1.47	1.435
MAGNESIUM	NC	NC	NC	NC	NC	26.7	28.1	28.15	28.2	27.5	27.2	26.3	28.8		27.4	22.4	22.4
MANGANESE	NC	880	NC	8800	NC	23.9	0.327	0.4535	0.58	14	1.39	0.284	15		0.414	22.6	21.4
MERCURY	2	0.57	NC	5.7	0.63	0.024	0.04 J	0.0745 J	0.109 J	0.046	0.015 U	0.029	0.015 U		0.028	0.015 U	0.015 U
NICKEL	NC	730	NC	7300	NC	0.831	2.22 J	4.5 J	6.78 J	12.2	0.481	2.84	7.64		2.91	7.67	8.13
POTASSIUM	NC	NC	NC	NC	NC	1.63	2.26	2.255	2.25	2.39	2.09	1.79	2.62		2.35	9.65	9.65
SELENIUM	50	180	NC	1800	NC	0.2 U	0.264	0.243	0.222	0.251	0.201	0.326	0.269		0.276	0.528	0.784
SILVER	NC	180	NC	1800	NC	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.291 U	0.12 U		0.12 U	0.12 U	0.12 U
SODIUM	NC	NC	NC	NC	NC	5.56	7.28	7.28	7.28	58.8	6.6	5.8	7.6		6.93	20.9	20.9
THALLIUM	2	NC	NC	NC	NC	0.0638 U	0.459 U	0.3755 U	0.292 U	0.04 U	0.04 U	0.133 U	0.331 U		0.172	0.598 U	0.319 U
TIN	NC	22000	NC	220000	NC	1.83	0.1 U	0.135	0.22	0.454	4.34	1.84	0.165		0.1 U	0.16	0.1485
URANIUM	30	1.63	163	1100	NC	0.961	1.07	1.06	1.05	0.641	1.04	0.972	1.56		0.85	**2.75**	**2.69**
VANADIUM	NC	180	NC	2600	NC	3.02	2.25	2.155	2.06	1 U	2.14	1.27	1 U		1 U	1.17 U	1.6 U
ZINC	NC	11000	NC	110000	NC	112	398	433	468	1620	92.9	87.1	630		162	139	137.5

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation Tap Water RSL
[NC]-Exceeds 10x Noncancer Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE 3.1-3

STUDY AREA 01
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0010	0021	0021	0021	0024	0082	0085	0151	0151	0167	0171	0171
Sample ID						0010TW001	0021TW001	0021TW001-AVG	0021TW001-D	0024TW001	0082TW001	0085TW001	0151TW001	0151TW002	0167TW001	0171TW001	0171TW001-AVG
Residential / Government	Federal	RSL Tap Water	100 x C Tap Water RSL	10 x NC Tap Water RSL	RSL Inhalation Only	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL					PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	EASE HOME-RESA	PHASE II	PRE-LEASE HOME	PRE-LEASE HOME
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090318	20090309	20090309	20090309	20090321	20090225	20090303	20081008	20090515	20090323	20081014	20081014
Study Area						STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID						6316942621420	6316942805411	6316942805411	6316942805411	6316949605500	6316737007483	6316730035334	6315603015350	6315603015350	6315840004470	6315800647458	6315800647458
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																	
Blank Cells indicate that parameter was not anlayzed.																	
Miscellaneous Parameters (MG/L)																	
CHLORIDE	NC	NC	NC	NC	NC	9.69	11.9	11.95	12	11.4	10.9	9.63	10.1		11.3	28.8	29.5
FLUORIDE	4	1.5	NC	15	NC	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.344	0.3305
NITRATE	44.3	58	NC	580	NC	3.18	3.55	3.555	3.56	3.42 J	3.33	3.33	4.28 J		3.62	14.8	14.9
SULFATE	NC	NC	NC	NC	NC	9	8.62	8.685	8.75	8.82	9.11	8.69	10.6		7.88	25.3	25.15
Field Parameters																	
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.1	0.11	0.11		0.02	0.16	0.1		0.08	0.14	0.024	0.024
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	9.91	7.62	7.62		8.29	7.25	6.86		6.55	6.47	8.92	8.92
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	480	553	553		317	611	582		538	572	537	537
PH (S.U.)	NC	NC	NC	NC	NC	7.31	6.98	6.98		7.2	7.28	7.39		7.09	6.89	7.45	7.45
SALINITY (%)	NC	NC	NC	NC	NC	0	0.02	0.02		0	0	0		0.02	0.02	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.79	0.765	0.765		0.844	0.79	0.77		0.743	0.762	0.79	0.79
TEMPERATURE (C)	NC	NC	NC	NC	NC	13.71	14.26	14.26		9.54	11.99	14.48		20.89	19.33	17.66	17.66
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC												
TURBIDITY (NTU)	NC	NC	NC	NC	NC	3.1	0	0		12.9	1	5		0.5	0		

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[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation Tap Water RSL
[NC]-Exceeds 10x Noncancer Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE 3.1-3

STUDY AREA 01
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0171		0171	0180	0588	0589	0598	1187	1227	1312	1443	1450	1450
Sample ID						0171TW001-D		0171TW002	0180TW001	0588TW001	0589TW001	0598TW001	1187TW001	1227TW001	1312TW001	1443TW001	1450TW001	1450TW001-AVG
Residential / Government	Federal	RSL Tap Water	100 x C Tap Water RSL	10 x NC Tap Water RSL	RSL Inhalation Only	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL
Event	MCL					PRE-LEASE HOME		PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20081014		20090706	20090320	20081117	20090226	20090312	20081124	20090320	20090303	20090121	20090331	20090331
Study Area						STUDY AREA 01		STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID						6315800647458		6315800647458	6300976002228	6316728509689	6316942621308	6316730005550	6316600301120	6316401804322	6316948803150	6316601835360	6317349605205	6317349605205
Likely Water Source						PUBLIC		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																		
Blank Cells indicate that parameter was not anlayzed.																		
Dioxins/Furans (NG/L)																		
1,2,3,4,6,7,8,9-OCDD	NC	1.7	170	NC	NC	0.0038 U		0.0048 U	0.0034 U	0.0036 U	0.0036 J	0.0045 U	0.0026 U	0.004 U	0.0038 U	0.0049 U	0.00465 U	
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.000974 U		0.0002 U	0.00017 U	0.0003 J	0.00041 U	0.00017 U	0.0002 U	0.00171 U	0.00069 U	0.00023 U	0.000265 U	
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00057 U		0.000222 U	0.00038 U	0.00023 U	0.00053 U	0.00036 J	0.00022 U	0.0004 U	0.00052 U	0.0005 U	0.000365 U	
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00024 U		0.000222 U	0.00017 U	0.00023 U	0.00029 U	0.00026 U	0.00022 U	0.00053 U	0.000213 U	0.00028 U	0.000255 U	
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000213 U		0.0002 U	0.000142 U	0.0002 U	0.00029 U	0.00024 U	0.0002 U	0.00046 U	0.00019 U	0.00023 U	0.000265 U	
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.0005 U		0.0002 U	0.000332 U	0.0002 U	0.00074 J	0.00024 U	0.00025 U	0.00035 U	0.00045 U	0.0003 U	0.00038 U	
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00029 U		0.00025 U	0.00019 U	0.00025 U	0.00062 U	0.00031 U	0.00049 U	0.00072 U	0.00026 U	0.00038 U	0.000305 U	
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.00043 U		0.000941 U	0.000403 U	0.00068 U	0.00065 U	0.00057 U	0.000982 U	0.00045 U	0.00069 U	0.00048 U	0.00062 U	
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00024 U		0.000222 U	0.00017 U	0.00023 U	0.00029 U	0.00026 U	0.00022 U	0.0003 U	0.00028 J	0.00028 U	0.000255 U	
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00017 U		0.000272 U	0.000142 J	0.00025 J	0.0006 U	0.00024 U	0.00027 U	0.00049 U	0.00031 U	0.00033 J	0.000241 J	
TEQ	NC	0.00052	0.052	0.37	NC	0.00017 U		0.000272 U	0.000142	0.000253	7.51E-05	0.000036	0.00027 U	0.00049 U	0.000028	0.00033	0.000241	
TOTAL HPCDD	NC	NC	NC	NC	NC	0.001425 U		0.002 J	0.0019 J	0.0017 J	0.0016 J	0.0017 J	0.0012 J	0.0024 J	0.001 J	0.0017 J	0.0021 J	
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0017 U		0.00057 J	0.00083 J	0.0011 J	0.0011 J	0.00066 J	0.000343 U	0.004535 U	0.001207 U	0.0005 J	0.0009 J	
TOTAL HXCDD	NC	NC	NC	NC	NC	0.0016 U		0.00064 J	0.00102 U	0.0007 J	0.0015 U	0.000734 J	0.00064 J	0.0011 U	0.00142 U	0.00098 J	0.00104 J	
TOTAL HXCDF	NC	NC	NC	NC	NC	0.000974 U		0.000891 U	0.000664 U	0.000901 U	0.0013 J	0.0011 U	0.00091 J	0.002 J	0.00088 U	0.0011 U	0.00086 J	
TOTAL PECDD	NC	NC	NC	NC	NC	0.00043 U		0.000941 U	0.000403 U	0.00068 U	0.00065 U	0.00057 U	0.000982 U	0.00045 U	0.00069 U	0.00048 U	0.00062 U	
TOTAL PECDF	NC	NC	NC	NC	NC	0.000641 U		0.00079 J	0.00069 J	0.00055 J	0.00067 J	0.000853 U	0.00064 J	0.0014 J	0.001113 U	0.0015 J	0.00145 J	
TOTAL TCDD	NC	NC	NC	NC	NC	0.0005 U		0.00087 J	0.00043 U	0.00078 J	0.0018 U	0.000711 U	0.00081 U	0.000892 U	0.000923 U	0.00098 J	0.00104 J	
TOTAL TCDF	NC	NC	NC	NC	NC	0.00029 J		0.0005 J	0.00019 U	0.00035 U	0.000382 U	0.00038 U	0.000392 U	0.00076 J	0.00054 J	0.0005 U	0.00043 J	
Volatile Organics (UG/L)																		
1,1,1-TRICHLOROETHANE	200	9100	NC	91000	10000	0.17 U		0.1 U	0.17 U	0.1 U	0.1 U	0.17 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
1,1-DICHLOROETHENE	7	340	NC	3400	420	0.13 U		0.14 U	0.13 U	0.14 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U	0.221 J	0.14 U	0.14 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	**0.171 J [R]**		**0.257 J [R]**	**0.173 J [R]**	**0.364 J [R]**	0.1 U	0.12 U	**0.255 J [R]**	**0.41 J [R]**	**0.169 J [R]**	**1.07 [R]**	**1.0345 [R]**	
BROMOFORM	80	8.5	850	7300	NC	4.36		0.06 U	2.32	1.88	2.51	2.14	4.86	1.76	5.43	1.45	1.4	
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	**0.816 [R]**		**0.527**	**0.312 J**	**0.827 [R]**	**0.78**	**1.3 [R]**	**1.05 [R]**	**0.804 [R]**	**0.826 [R]**	**1.77 [R]**	**1.61 [R]**	
CHLOROFORM	80	0.19	19	1300	0.21	0.147 J		0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	**0.261 J [R][INH]**	**0.254 J [R][INH]**	**0.241 J [R][INH]**	**0.712 [R][INH]**	**0.689 [R][INH]**	
CIS-1,2-DICHLOROETHENE	70	370	NC	3700	NC	0.156 J		0.1 U	0.13 U	0.1 U	0.1 U	0.13 U	0.324 J	0.1 U	0.275 J	0.1 U	0.1 U	
M+P-XYLENES	10000	NC	NC	14000	NC	0.09 U		0.1 U	0.09 U	0.1 U	0.1 U	0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
METHYLENE CHLORIDE	5	4.8	480	11000	10	0.69 U		0.2 U	0.69 U	0.2 U	0.2 U	0.69 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
TETRACHLOROETHENE	5	0.11	11	2200	0.82	**0.189 J [R]**		0.1 U	0.07 U	0.1 U	0.1 U	0.07 U	**0.279 J [R]**	0.1 U	**0.32 J [R]**	0.1 U	0.1 U	
TRICHLOROETHENE	5	2	200	NC	2.4	0.297 J		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.739 J	0.13 U	0.679 J	0.13 U	0.13 U	
Radiological Parameters (PCI/L)																		
GROSS ALPHA	15	NC	NC	NC	NC	1.4 U		1.82 U	1.9 U	1.38 U	2.92 U	1.4 U	2.43	1.77 U	2.2	2.58 U	2.77 U	
GROSS BETA	8	NC	NC	NC	NC	**15.9 [F]**		3.94	5.7 U	2.08 U	3.58	5.9 U	**12.5 [F]**	1.41 U	**11.4 [F]**	4.4	3	
Inorganics (UG/L)																		
ALUMINUM	NC	37000	NC	370000	NC	3.21		8.88	2.23	3.16 U	20.3	2.2 U	2.2 U	3.94 U	2.39	2.2 U	2.2 U	
ANTIMONY	6	15	NC	150	NC	0.14 U		0.343	0.14 U	0.157	0.157	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	
ARSENIC	10	0.045	4.5	110	NC	**3.4 [R]**		**5.21 [R][C]**	**5.99 [R][C]**	**10.2 [F][R][C]**	**9.89 [R][C]**	**5.2 [R][C]**	**4.38 [R]**	**9.84 [R][C]**	**6.82 [R][C]**	**6.53 [R][C]**	**6.645 [R][C]**	
BARIUM	2000	7300	NC	73000	NC	11		18.4	16.5	15.6	17.1	15.7	14.3	16.3	17	13.3	14.2	
BERYLLIUM	4	73	NC	730	NC	0.0732		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	
CADMIUM	5	18	NC	180	NC	0.04 U		0.0614	0.04 U	0.04 U	0.114	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	
CALCIUM	NC	NC	NC	NC	NC			121	125	119	112	119	96.7	111	105	113	112	
CHROMIUM	100	NC	NC	NC	NC	0.15 U		0.591 U	1.08 U	1.16	0.388	1.28 U	0.307 U	1.15	0.15 U	0.15 U	0.15 U	
COBALT	NC	11	NC	110	NC	0.0505		0.0712	0.03 U	0.0715	0.181	0.0372	0.0745	0.0647	0.0911	0.0844	0.08375	
COPPER	1300	1500	NC	15000	NC	30.7		227	90 J	92.8	527	32.6 J	71.5	134	35.8	26.4 J	32.4 J	
IRON	NC	26000	NC	260000	NC	63.6		23.2	4.7 U	26.4	4630	4.7 U	10.4	11.1	55.8	19.8 J	41.15 J	
LEAD	15	NC	NC	NC	NC	1.4		3.93	0.63	2.5	**31.1 [F]**	0.297 J	1.08	1.05	0.985	0.523	0.641	
MAGNESIUM	NC	NC	NC	NC	NC			28.3	28.9	27.5	25.2	26.7	21	26.3	23.3	26.5	26.5	
MANGANESE	NC	880	NC	8800	NC	20.2		1.45	0.335	0.321	10.2	0.216	2.65	0.874	5.98	0.541	0.4495	
MERCURY	2	0.57	NC	5.7	0.63	0.015 U		0.033	0.023	0.044	0.033	0.02	0.029	0.043	0.038	0.058	0.061	
NICKEL	NC	730	NC	7300	NC	8.59		4.73	1.41	14.5	9.95	4.86 J	0.759	2.75	2.46	1.05	1.31	
POTASSIUM	NC	NC	NC	NC	NC			2.67	2.91	1.93	9.08	2.5	13.1	1.78	13.6	1.64	1.64	
SELENIUM	50	180	NC	1800	NC	1.04		0.2 U	0.2 U	0.338	0.32	0.266	0.2 U	0.352	0.288 U	0.272	0.2495	
SILVER	NC	180	NC	1800	NC	0.12 U		0.12 U	0.12 U	1.39	0.12 U	0.12 U	0.12 U	0.349 U	0.12 U	0.12 U	0.12 U	
SODIUM	NC	NC	NC	NC	NC			6.86	8.84	6.58	14.6	8.18	17.8	5.76	26	5.7	5.68	
THALLIUM	2	NC	NC	NC	NC	0.04 U		0.04 U	0.04 U	0.428 U	0.174 U	0.234 U	0.04 U	0.0912 U	0.04 U	0.51	0.308	
TIN	NC	22000	NC	220000	NC	0.137		0.191	0.1 U	1.79	0.543	0.1 U	0.1 U	1.02	0.1 U	0.493	0.2715	
URANIUM	30	1.63	163	1100	NC	**2.63**		1.1	1.36	1.07	**3.35**	1.01	**3.84**	1.03	**3.8**	0.942	0.96	
VANADIUM	NC	180	NC	2600	NC	2.03 U		1.13	2.72	1.89	5.04	1.53	2.57	3.09	2.51	1.73	1.115	
ZINC	NC	11000	NC	110000	NC	136		165	44.9	132	874	19 J	30	167	47.8	30.1	31.55	

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[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation Tap Water RSL
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STUDY AREA 01
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0171	0171	0180	0588	0589	0598	1187	1227	1312	1443	1450	1450
Sample ID						0171TW001-D	0171TW002	0180TW001	0588TW001	0589TW001	0598TW001	1187TW001	1227TW001	1312TW001	1443TW001	1450TW001	1450TW001-AVG
Residential / Government	Federal	RSL Tap Water	100 x C Tap Water RSL	10 x NC Tap Water RSL	RSL Inhalation Only	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL
Event	MCL					PRE-LEASE HOME	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20081014	20090706	20090320	20081117	20090226	20090312	20081124	20090320	20090303	20090121	20090331	20090331
Study Area						STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID						6315800647458	6315800647458	6300976002228	6316728509689	6316942621308	6316730005550	6316600301120	6316401804322	6316948803150	6316601835360	6317349605205	6317349605205
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																	
Blank Cells indicate that parameter was not anlayzed.																	
Miscellaneous Parameters (MG/L)																	
CHLORIDE	NC	NC	NC	NC	NC	30.2		6.89	15.3	11	10.6	14.8	26	10.2	49.5	9.52	9.39
FLUORIDE	4	1.5	NC	15	NC	0.317		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.398	0.2 U	0.462	0.2 U	0.2 U
NITRATE	44.3	58	NC	580	NC	15		3.28 J	3.84	3.42 J	3.38	3.77	19.9 J	3.37	21.5	3.2	3.205
SULFATE	NC	NC	NC	NC	NC	25		6.05	11.7	8.91	8.84	9.81	32.4	8.74	36.4	8.97	8.95
Field Parameters																	
CHLORINE (MG/L)	4	3.7	NC	37	NC		0.06	0.14	0.07	0.1	0.04	0.08	0.08	0.1	0.08	0.13	0.13
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC		6.89	6.97	9.18	9.59	6.71	10.19	7	6.04	9.95	7.71	7.71
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC		210	461	513	515	399	511	527	560	443	550	550
PH (S.U.)	NC	NC	NC	NC	NC		7.22	7.13	7.23	7.11	6.98	7.24	7.63	7.2	7.21	7.35	7.35
SALINITY (%)	NC	NC	NC	NC	NC		0.02	0.01	0	0	0.02	0	0.02	0	0	0.02	0.02
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC		0.71	0.608	0.572	0.81	0.712	0.842	0.726	0.77	0.915	0.742	0.742
TEMPERATURE (C)	NC	NC	NC	NC	NC		26.3	15.23	17.05	9.52	16.28	15.08	14.7	11.84	12.33	16.98	16.98
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC				0.56			0.54					
TURBIDITY (NTU)	NC	NC	NC	NC	NC		0	0.4	0	4.7	0	0	0.2	6	58	0.1	0.1

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation Tap Water RSL
[NC]-Exceeds 10x Noncancer Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE 3.1-3

STUDY AREA 01
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1450	1456	1459	1529	1811	1839	1867	1928	2090	2103	2139
Sample ID						1450TW001-D	1456TW001	1459TW001	1529TW001	1811TW001	1839TW001	1867TW001	1928TW001	2090TW001	2103TW001	2139TW001
Residential / Government	Federal	RSL Tap Water	100 x C Tap Water RSL	10 x NC Tap Water RSL	RSL Inhalation Only	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL					PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090331	20090306	20081015	20090408	20081006	20081015	20081025	20081209	20090402	20090220	20090404
Study Area						STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID						6317349605205	6316606313566	6316737001456	6316730039404	6316730009426	6317702007260	6316730011490	6315900303134	6316002717262	6316605966092	6315803003260
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																
Blank Cells indicate that parameter was not anlayzed.																
Dioxins/Furans (NG/L)																
1,2,3,4,6,7,8,9-OCDD	NC	1.7	170	NC	NC	0.0044 U	0.0066 U	0.0069 U	0.0054 U	0.011 U	0.0059 U	0.0047 U	0.0049 J	0.0059 U	0.0043 U	0.0047 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.0003 U	0.00036 U	0.000711 U	0.00032 U	0.003832 U	0.000714 U	0.000864 U	0.00053 U	0.000223 U	0.00036 U	0.00036 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00023 U	0.00036 U	0.00057 U	0.000243 U	0.0012 U	0.00025 U	0.000552 U	0.00024 U	0.000471 U	0.000433 U	0.00053 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00023 U	0.00024 U	0.00069 J	0.00022 J	0.00099 U	0.000221 U	0.00041 U	0.00039 U	0.00022 J	0.000203 U	0.000311 U
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.0003 U	0.000214 U	0.00076 J	0.00029 U	0.00087 U	0.000172 U	0.00036 U	0.00026 U	0.000173 U	0.00018 U	0.00038 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00046 U	0.00031 U	0.0005 U	0.00024 U	0.001013 U	0.0002 U	0.00048 U	0.00024 U	0.000421 U	0.000382 U	0.0006 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00023 U	0.000262 U	0.00076 J	0.000243 U	0.001137 U	0.00025 U	0.00048 U	0.000312 U	0.000223 U	0.00023 U	0.00036 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.00076 U	0.00048 U	**0.00073 J [R]**	0.00093 U	0.0013 U	0.000492 U	0.000552 U	0.00075 U	0.00082 U	0.000534 U	0.0011 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00023 U	0.00024 U	0.00076 U	0.00027 J	0.00099 U	0.000221 U	0.00041 U	0.00029 U	0.0002 U	0.00023 U	0.000311 J
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.000304 U	0.00029 U	**0.00055 J [R]**	0.00027 U	0.00047 U	0.0002 U	0.00022 U	0.00029 U	0.00025 U	0.000382 U	0.00041 U
TEQ	NC	0.00052	0.052	0.37	NC	0.000304 U	0.00029 U	**0.001501 [R]**	0.000049	0.00047 U	0.0002 U	0.00022 U	1.47E-06	0.000022	0.000382 U	3.11E-05
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0025 J	0.0022 J	0.0019 J	0.0019 J	0.0051 U	0.0024 J	0.0018 J	0.0017 J	0.0016 J	0.0015 J	0.0035 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0013 J	0.002 J	0.0034 J	0.00083 J	0.0067 U	0.0019 J	0.0015 U	0.0029 J	0.00072 J	0.0017 J	0.0011 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.0011 J	0.00098 U	0.001541 U	0.0008 J	0.0032 U	0.00064 U	0.0015 U	0.000673 U	0.001314 U	0.0012 U	0.0014 J
TOTAL HXCDF	NC	NC	NC	NC	NC	0.00086 J	0.000953 U	0.0029 J	0.00093 J	0.004 U	0.000862 U	0.0017 U	0.001131 U	0.000793 U	0.00084 U	0.0013 J
TOTAL PECDD	NC	NC	NC	NC	NC	0.00076 U	0.00048 U	0.00073 J	0.00093 U	0.0013 U	0.000492 U	0.000552 U	0.00075 U	0.00082 U	0.000534 U	0.0011 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.0014 J	0.00069 J	0.0018 J	0.0013 J	0.0025 U	0.0011 J	0.0006 J	0.0012 U	0.0014 J	0.00053 J	0.001 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.0011 J	0.00086 U	0.000782 U	0.000804 U	0.0013 U	0.000591 U	0.00065 U	0.00087 U	0.000744 U	0.001146 U	0.0013 J
TOTAL TCDF	NC	NC	NC	NC	NC	0.00061 J	0.0006 J	0.00078 J	0.00068 J	0.000642 U	0.000344 U	0.00053 J	0.000481 U	0.00045 J	0.00033 J	0.00072 J
Volatile Organics (UG/L)																
1,1,1-TRICHLOROETHANE	200	9100	NC	91000	10000	0.1 U	0.1 U	0.17 U	0.1 U	0.17 U	0.17 U	0.17 U	0.17 U	0.147 J	0.1 U	0.148 J
1,1-DICHLOROETHENE	7	340	NC	3400	420	0.14 U	0.14 U	0.13 U	0.14 U	0.13 U	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	**0.999 [R]**	**0.589 [R]**	**0.18 J [R]**	**0.371 J [R]**	0.12 U	**0.208 J [R]**	**0.439 J [R]**	**0.172 J [R]**	**0.247 J [R]**	0.1 U	**0.308 J [R]**
BROMOFORM	80	8.5	850	7300	NC	1.35	1.42	3.22	1.12	2.17	4.05	1.79	3.96	4.28	1.1	3.63
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	**1.45 [R]**	**1.14 [R]**	**0.448 J**	**0.777**	**0.165 J**	**0.829 [R]**	**1.14 [R]**	**0.653**	**1.16 [R]**	**1.11 [R]**	**1.1 [R]**
CHLOROFORM	80	0.19	19	1300	0.21	**0.666 [R][INH]**	**0.341 [R][INH]**	0.121 J	**0.248 J [R][INH]**	0.0959 U	0.14 J	**0.198 J [R]**	**0.213 J [R][INH]**	**0.229 J [R][INH]**	0.09 U	**0.223 J [R][INH]**
CIS-1,2-DICHLOROETHENE	70	370	NC	3700	NC	0.1 U	0.1 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U	0.276 J	0.1 U	0.1 U	0.1 U
M+P-XYLENES	10000	NC	NC	14000	NC	0.1 U	0.1 U	0.09 U	1.11 J	0.09 U	0.09 U	0.09 U	0.09 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	5	4.8	480	11000	10	0.2 U	0.2 U	0.69 U	0.239 J	0.69 U	0.69 U	0.69 U	0.69 U	0.2 U	0.2 U	0.2 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.1 U	0.1 U	0.07 U	0.1 U	0.07 U	**0.196 J [R]**	0.07 U	**0.268 J [R]**	**0.229 J [R]**	0.1 U	**0.297 J [R]**
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.257 J	0.13 U	0.665 J	0.654 J	0.13 U	0.668 J
Radiological Parameters (PCI/L)																
GROSS ALPHA	15	NC	NC	NC	NC	2.96 U	2.86 U	2.4	1.83 U	2.7	1.6	1.4 U	2.4	2.18 U	1.8 U	3.9
GROSS BETA	8	NC	NC	NC	NC	3.2 U	4.74	6.2 U	3.72 U	5.4 U	**12.4 [F]**	5.4 U	**12.2 [F]**	**8.37 [F]**	2.42 U	6.56
Inorganics (UG/L)																
ALUMINUM	NC	37000	NC	370000	NC	2.2 U	6.71 U	3.52	2.2 U	2.2 U	3.62	2.23	9.43	2.2 U	7.51	7.28
ANTIMONY	6	15	NC	150	NC	0.14 U	0.188	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.182	0.14 U	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**6.76 [R][C]**	0.31 U	**2.73 [R]**	**5.56 [R][C]**	**3.47 [R]**	**2.1 [R]**	**4.32 [R]**	**4.16 [R]**	**4.58 [R][C]**	**6.26 [R][C]**	**5.25 [R][C]**
BARIUM	2000	7300	NC	73000	NC	15.1	14.1	16.3	16.2	17	13.7	14.8	14.2	14.7	15.7	13.2
BERYLLIUM	4	73	NC	730	NC	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.0413	0.035	0.03 U	0.0392
CADMIUM	5	18	NC	180	NC	0.04 U	0.0468	0.04 U	0.04 U	0.04 U	0.0599	0.04 U	0.043	0.04 U	0.04 U	0.04 U
CALCIUM	NC	NC	NC	NC	NC	111	115		117		96.9		101	95.1	119	93.1
CHROMIUM	100	NC	NC	NC	NC	0.15 U	0.619 U	2.6	0.985	1	0.15 U	0.15 U	0.307	0.15 U	0.781	0.663
COBALT	NC	11	NC	110	NC	0.0831	0.0593	0.0314	0.0793 U	0.0348	0.0538	0.03 U	0.351	0.0918	0.0443	0.116 U
COPPER	1300	1500	NC	15000	NC	38.4 J	119	76.4	104	35.7	104	57.6	176	29.3	51.5	146
IRON	NC	26000	NC	260000	NC	62.5 J	86.3	15.9	5.4	4.7 U	21.9	4.7 U	101	4.7 U	18.2	249
LEAD	15	NC	NC	NC	NC	0.759	**19 [F]**	2.04	0.72	0.918	2.96	0.994	3.1	0.662	1.64	12.8
MAGNESIUM	NC	NC	NC	NC	NC	26.5	26.7		27.4		21.3		22.8	20.4	28.6	19.8
MANGANESE	NC	880	NC	8800	NC	0.358	2.1	0.851	0.188	0.2	18	1.2	10.8	11	2.11	49
MERCURY	2	0.57	NC	5.7	0.63	0.064	0.022	0.015 U	0.125	0.015 U	0.015 U	0.015 U	0.049	0.039	0.022	0.079
NICKEL	NC	730	NC	7300	NC	1.57	10.3	0.993	1.77	1.85	4.4	1.31	3.59	0.938	8.69	4.82
POTASSIUM	NC	NC	NC	NC	NC	1.64	2.23		1.81		8.94		10.8	10.7	2.13	11
SELENIUM	50	180	NC	1800	NC	0.227	0.285	0.512 U	0.249	0.284	0.462 U	0.2 U	0.81	0.32	0.2 U	0.337
SILVER	NC	180	NC	1800	NC	0.12 U	0.333 U	0.12 U	0.12 U	0.12 U	0.178	0.12 U	0.169	0.12 U	0.12 U	0.12 U
SODIUM	NC	NC	NC	NC	NC	5.66	6.86		5.88		18.4		23.7	17.1	7.22	17.2
THALLIUM	2	NC	NC	NC	NC	0.212 U	0.326 U	0.297 U	0.466 U	0.301 U	0.367 U	0.144 U	0.417 U	0.793	0.125 U	0.64
TIN	NC	22000	NC	220000	NC	0.1 U	1.27	0.201	0.1 U	0.156	0.151	0.1 U	0.412	0.1 U	0.648	0.359
URANIUM	30	1.63	163	1100	NC	0.978	1.09	1.32	1.03	1.32	**2.74**	1.49	**3.15**	**3.26**	1.03	**3.49**
VANADIUM	NC	180	NC	2600	NC	1 U	1 U	2.87	1 U	1.89	3.98	1 U	2.62	2.05	1.09	2.4
ZINC	NC	11000	NC	110000	NC	33	1220	51.8	57.2	27.7	110	45.9	605	16.5	99.1	801

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation Tap Water RSL
[NC]-Exceeds 10x Noncancer Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE 3.1-3

STUDY AREA 01
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1450	1456	1459	1529	1811	1839	1867	1928	2090	2103	2139
Sample ID						1450TW001-D	1456TW001	1459TW001	1529TW001	1811TW001	1839TW001	1867TW001	1928TW001	2090TW001	2103TW001	2139TW001
Residential / Government	Federal	RSL Tap Water	100 x C Tap Water RSL	10 x NC Tap Water RSL	RSL Inhalation Only	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL					PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090331	20090306	20081015	20090408	20081006	20081015	20081025	20081209	20090402	20090220	20090404
Study Area						STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID						6317349605205	6316606313566	6316737001456	6316730039404	6316730009426	6317702007260	6316730011490	6315900303134	6316002717262	6316605966092	6315803003260
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																
Blank Cells indicate that parameter was not anlayzed.																
Miscellaneous Parameters (MG/L)																
CHLORIDE	NC	NC	NC	NC	NC	9.26	11.7	11.6	10.6	12.9	25.7	12.5	39.3	22.7	11.4	23.7
FLUORIDE	4	1.5	NC	15	NC	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.293	0.2 U	0.317	0.318	0.2 U	0.291
NITRATE	44.3	58	NC	580	NC	3.21	3.55 J	4.21	3.33	4.24	12.8	3.85 J	19.3	17.1	3.35 J	17.8 J
SULFATE	NC	NC	NC	NC	NC	8.93	8.95	10.4	9.03	9.59	21.4	10.1	37.4	27.6	8.86	28.5
Field Parameters																
CHLORINE (MG/L)	4	3.7	NC	37	NC		0.02	0.06	0.14	0.06	0.1	0.1	0.03	0.1	0.16	0.08
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC		7.3	7.05	9.65	9.15	10.52	9.18	8.01	6.41	9.99	10.09
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC		411	411	549	570	491	509	369	405	562	424
PH (S.U.)	NC	NC	NC	NC	NC		7.2	7.26	7.3	7.18	7.47	6.98	7.65	7.34	7.21	7.39
SALINITY (%)	NC	NC	NC	NC	NC		0	0	0	0	0	0	0	0.02	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC		0.83	0.89	0.841	0.89	0.71	0.89	0.79	0.714	0.791	0.723
TEMPERATURE (C)	NC	NC	NC	NC	NC		22.54	18	16.55	18.12	19.3	18.44	11.91	17.35	13.08	16.4
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC								0.5			
TURBIDITY (NTU)	NC	NC	NC	NC	NC		1	0	0.9		52.9	0	15	0	0	0

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation Tap Water RSL
[NC]-Exceeds 10x Noncancer Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE 3.1-4

STUDY AREA 01
TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)																
1,2,3,4,6,7,8,9-OCDD	2/27	--	NC	0	1.7	0	170	--	NC	--	NC	0.0036 J	0.0049 J	0.0026 - 0.011	0.0043	0.0027
1,2,3,4,7,8,9-HPCDF	2/27	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.0003 J	0.00038 J	0.00017 - 0.003832	0.0003	0.0003
1,2,3,4,7,8,9-HPCDF	2/27	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.0003 J	0.00038 J	0.00017 - 0.003832	0.0003	0.0003
1,2,3,4,7,8-HXCDD	1/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00036 J	0.00036 J	0.000191 - 0.0012	0.0004	0.0002
1,2,3,4,7,8-HXCDF	3/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00022 J	0.00069 J	0.00017 - 0.00099	0.0004	0.0002
1,2,3,6,7,8-HXCDF	2/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.000329 J	0.00076 J	0.000142 - 0.00087	0.0005	0.0002
1,2,3,7,8,9-HXCDD	3/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00041 J	0.00074 J	0.00017 - 0.001013	0.0005	0.0002
1,2,3,7,8,9-HXCDF	1/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00076 J	0.00076 J	0.00019 - 0.001137	0.0008	0.0002
1,2,3,7,8-PECDD	1/27	--	NC	1	0.00052	0	0.052	--	NC	--	NC	0.00073 J	0.00073 J	0.000391 - 0.0017	0.0007	0.0004
2,3,4,6,7,8-HXCDF	4/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00027 J	0.00054 J	0.00017 - 0.00099	0.0004	0.0002
2,3,7,8-TCDD	7/27	0	0.03	1	0.00052	0	0.052	0	0.37	--	NC	0.000142 J	0.00055 J	0.00017 - 0.0007	0.0003	0.0002
TEQ	16/27	--	NC	1	0.00052	0	0.052	0	0.37	--	NC	0.00000147	0.001501	0.00017 - 0.0007	0.0002	0.0002
TOTAL HPCDD	25/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.001 J	0.0035 J	0.001425 - 0.0051	0.0019	0.0019
TOTAL HPCDF	22/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.0005 J	0.0072 J	0.000343 - 0.0067	0.0017	0.0016
TOTAL HXCDD	10/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00064 J	0.0014 J	0.00064 - 0.0032	0.0009	0.0008
TOTAL HXCDF	13/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00086 J	0.0029 J	0.000664 - 0.004	0.0015	0.0010
TOTAL PECDD	1/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00073 J	0.00073 J	0.000391 - 0.0017	0.0007	0.0004
TOTAL PECDF	21/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00053 J	0.0018 J	0.00049 - 0.0025	0.0010	0.0009
TOTAL TCDD	6/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00067 J	0.0014 J	0.00043 - 0.0021	0.0010	0.0006
TOTAL TCDF	17/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00029 J	0.0012 J	0.00019 - 0.000642	0.0006	0.0004
Field Parameters																
CHLORINE (MG/L)	28/28	0	4	0	3.7	--	NC	0	37	--	NC	0.02	0.16	-	0.09	0.09
DISSOLVED OXYGEN (MG/L)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	6.04	10.52	-	8.19	8.19
OXIDATION REDUCTION POTENTIAL (MV)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	210	611	-	485.00	485.00
PH (S.U.)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	6.89	7.65	-	7.25	7.25
SALINITY (%)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	0	0.02	-	0.01	0.01
SPECIFIC CONDUCTANCE (MS/CM)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	0.572	0.915	-	0.78	0.78
TEMPERATURE (C)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	9.52	26.3	-	16.03	16.03
TOTAL DISSOLVED SOLIDS	3/3	--	NC	--	NC	--	NC	--	NC	--	NC	0.5	0.56	-	0.53	0.53
TURBIDITY (NTU)	26/26	--	NC	--	NC	--	NC	--	NC	--	NC	0	58	-	6.22	6.22
Inorganics (UG/L)																
ALUMINUM	15/27	--	NC	0	37000	--	NC	0	370000	--	NC	2.23	40.4	2.2 - 6.71	9.9	6.1
ANTIMONY	5/27	0	6	0	15	--	NC	0	150	--	NC	0.157	0.343	0.14 - 0.213	0.2	0.1
ARSENIC	26/27	2	10	26	0.045	18	4.5	0	110	--	NC	2.1	10.2	0.31 - 0.31	5.9	5.7
BARIUM	27/27	0	2000	0	7300	--	NC	0	73000	--	NC	11	27.8	-	15.9	15.9
BERYLLIUM	4/27	0	4	0	73	--	NC	0	730	--	NC	0.035	0.0756	0.03 - 0.0304	0.0	0.0
CADMIUM	8/27	0	5	0	18	--	NC	0	180	--	NC	0.043	0.575	0.04 - 0.04	0.2	0.1
CALCIUM	24/24	--	NC	--	NC	--	NC	--	NC	--	NC	93.1	125	-	111.2	111.2
CHROMIUM	13/27	0	100	--	NC	--	NC	--	NC	--	NC	0.244	2.6	0.15 - 1.28	0.9	0.6
COBALT	21/27	--	NC	0	11	--	NC	0	110	--	NC	0.0314	0.476	0.03 - 0.116	0.1	0.1
COPPER	27/27	0	1300	0	1500	--	NC	0	15000	--	NC	26.4 J	527	-	123.5	123.5
IRON	21/27	--	NC	0	26000	--	NC	0	260000	--	NC	5.34	6010	4.7 - 4.7	557.7	434.3
LEAD	27/27	3	15	--	NC	--	NC	--	NC	--	NC	0.297 J	31.1	-	4.7	4.7
MAGNESIUM	24/24	--	NC	--	NC	--	NC	--	NC	--	NC	19.8	28.9	-	25.6	25.6
MANGANESE	27/27	--	NC	0	880	--	NC	0	8800	--	NC	0.188	49	-	7.2	7.2
MERCURY	20/27	0	2	0	0.57	--	NC	0	5.7	0	0.63	0.02	0.125	0.015 - 0.015	0.0	0.0
NICKEL	27/27	--	NC	0	730	--	NC	0	7300	--	NC	0.481	14.5	-	4.5	4.5
POTASSIUM	24/24	--	NC	--	NC	--	NC	--	NC	--	NC	1.63	13.6	-	5.1	5.1
SELENIUM	18/27	0	50	0	180	--	NC	0	1800	--	NC	0.201	1.04	0.2 - 0.512	0.3	0.3
SILVER	3/27	--	NC	0	180	--	NC	0	1800	--	NC	0.169	1.39	0.12 - 0.349	0.6	0.1
SODIUM	24/24	--	NC	--	NC	--	NC	--	NC	--	NC	5.56	58.8	-	13.2	13.2
THALLIUM	4/27	0	2	0	NC	--	NC	0	NC	--	NC	0.172	0.793	0.04 - 0.598	0.5	0.2
TIN	19/27	--	NC	0	22000	--	NC	0	220000	--	NC	0.135	4.34	0.1 - 0.1	0.8	0.6
URANIUM	27/27	0	30	8	1.63	0	163	0	1100	--	NC	0.641	3.84	-	1.7	1.7
VANADIUM	20/27	--	NC	0	180	--	NC	0	2600	--	NC	1.09	5.04	1 - 2.03	2.4	1.9
ZINC	27/27	--	NC	0	11000	--	NC	0	110000	--	NC	16.5	1620	-	289.6	289.6

NC-No Criteria
J-Estimated value

TABLE 3.1-4

STUDY AREA 01
TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Miscellaneous Parameters (MG/L)																
CHLORIDE	27/27	--	NC	--	NC	--	NC	--	NC	--	NC	6.89	49.5	-	16.31	16.31
FLUORIDE	7/27	0	4	--	15	--	NC	--	150	--	NC	0.291	0.462	0.2 - 0.2	0.34	0.16
NITRATE	27/27	0	44.3	0	58	--	NC	0	580	--	NC	3.18	21.5	-	7.22	7.22
SULFATE	27/27	--	NC	--	NC	--	NC	--	NC	--	NC	6.05	37.4	-	14.50	14.50
Volatile Organics (UG/L)																
1,1,1-TRICHLOROETHANE	2/27	0	200	0	9100	--	NC	0	91000	0	10000	0.147 J	0.148 J	0.1 - 0.17	0.15	0.07
1,1-DICHLOROETHENE	1/27	0	7	0	340	--	NC	0	3400	0	420	0.221 J	0.221 J	0.13 - 0.14	0.22	0.07
BROMODICHLOROMETHANE	20/27	0	80	20	0.12	0	12	0	7300	--	NC	0.165 J	1.07	0.1 - 0.12	0.36	0.28
BROMOFORM	25/27	0	80	0	8.5	0	850	0	7300	--	NC	0.653 J	5.43	0.06 - 0.06	2.57	2.38
CHLORODIBROMOMETHANE	26/27	0	80	26	0.15	0	15	0	7300	--	NC	0.165 J	1.77	0.1 - 0.1	0.85	0.82
CHLOROFORM	17/27	0	80	13	0.19	0	19	0	1300	12	0.21	0.0925 J	0.712	0.09 - 0.0959	0.24	0.17
CIS-1,2-DICHLOROETHENE	4/27	0	70	0	370	--	NC	0	3700	--	NC	0.154 J	0.324 J	0.1 - 0.13	0.26	0.08
M+P-XYLENES	1/27	0	10000	--	NC	--	NC	0	14000	--	NC	1.11 J	1.11 J	0.09 - 0.1	1.11	0.09
METHYLENE CHLORIDE	1/27	0	5	0	4.8	0	480	0	11000	0	10	0.239 J	0.239 J	0.2 - 0.69	0.24	0.19
TETRACHLOROETHENE	7/27	0	5	7	0.11	0	11	0	2200	0	0.82	0.189 J	0.32 J	0.07 - 0.1	0.25	0.10
TRICHLOROETHENE	7/27	0	5	0	2	0	200	--	NC	0	2.4	0.257 J	0.739 J	0.13 - 0.13	0.57	0.19
Radiological Parameters (PCI/L)																
GROSS ALPHA	8/27	0	15	--	NC	--	NC	--	NC	--	NC	1.6	5.1	1.38 - 2.98	2.84	1.60
GROSS BETA	15/27	7	8	--	NC	--	NC	--	NC	--	NC	2.62	18.9	1.41 - 6.2	7.69	5.13

NC-No Criteria
J-Estimated value

TABLE 3.1-5

STUDY AREA 01
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0082	0085	0588	0589	1312	1443	1459	1811
Sample ID		0082SS0010006	0085SS0010006	0588SS0010006	0589SS0010006	1312SS0010006	1443SS0010006	1459SS0010006	1811SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Bottom Depth		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Sample Date	[R]	20090225	20090303	20081117	20090226	20090303	20090121	20090204	20081208
Study Area		STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID		6316737007483	6316730035334	6316728509689	6316942621308	6316948803150	6316601835360	6316737001456	6316730009426
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level									
Dioxins/Furans (NG/KG)									
1,2,3,4,6,7,8,9-OCDD	15000	43 J	140	22 J	68	24	17	7.1 J	22
1,2,3,4,6,7,8,9-OCDF	15000	1.7 J	0.91 U	2.1 J	14	0.49 U	1.4 U	0.36 U	0.73 U
1,2,3,4,6,7,8-HPCDD	450	7.7	33	3.3 U	13	4 J	2.2 U	1.6 J	3.2 U
1,2,3,4,6,7,8-HPCDF	450	1.9 J	3.8 J	1.9 J	9.9	1.5 J	1.4 U	0.79 U	0.89 U
1,2,3,4,7,8,9-HPCDF	450	0.3 U	0.32 J	0.13 J	0.64 J	0.27 U	0.17 J	0.14 J	0.133953 U
1,2,3,4,7,8-HXCDD	45	0.24 J	0.32 J	0.099 J	0.33 U	0.14 U	0.14 U	0.078 U	0.084 J
1,2,3,4,7,8-HXCDF	45	0.5 J	0.6 J	0.51 J	2.5 J	0.38 J	0.6 J	0.2 U	0.23 J
1,2,3,6,7,8-HXCDD	45	0.5 J	1.5 J	0.29 U	0.99 J	0.16 J	0.23 U	0.2 U	0.26 U
1,2,3,6,7,8-HXCDF	45	0.59 J	0.59 J	0.34 J	2.3 J	0.47 J	0.34 U	0.16 U	0.11 J
1,2,3,7,8,9-HXCDD	45	0.21 J	0.73 J	0.23 U	0.82 J	0.123 U	0.33 J	0.2 U	0.18 U
1,2,3,7,8,9-HXCDF	45	0.29 U	0.29 J	0.103482 UJ	0.41 U	0.24 J	0.11 U	0.048 U	0.082432 U
1,2,3,7,8-PECDD	4.5	0.23 U	0.19 J	0.103482 J	0.32 J	0.21 U	0.23 U	0.083 U	0.06 J
1,2,3,7,8-PECDF	150	0.45 J	0.42 J	0.33 J	2	0.44 J	0.4 J	0.25 J	0.18 J
2,3,4,6,7,8-HXCDF	45	0.74 J	0.85 J	0.37 J	3.1	0.39 J	0.34 J	0.2 J	0.12 U
2,3,4,7,8-PECDF	15	0.7 J	0.75 J	0.32 U	3	0.3 U	0.42 J	0.23 U	0.23 U
2,3,7,8-TCDD	4.5	0.13 U	0.104 U	0.053 UJ	0.16 U	0.098 U	0.14 U	0.065 U	0.033 J
2,3,7,8-TCDF	45	0.8 U	0.51 U	0.28 U	2.7	0.48 U	0.31 U	0.31 U	0.24 U
TEQ	4.5	0.61	1.33	0.27	2.78	0.24	0.27	0.05	0.15
TOTAL HPCDD	NC	15	59	6.2 J	28	6.7 J	5 J	2.7 J	5.7 J
TOTAL HPCDF	NC	4.7 J	7.2 J	3.6 J	18 J	2.8 J	2.7 J	1.6 J	1.9 J
TOTAL HXCDD	NC	4.6 J	18	3.5 J	21	2.7 J	2 J	1.9 J	2 J
TOTAL HXCDF	NC	8 J	12 J	3.8 J	34	5.5 J	5.1 J	1.9 J	2.4 J
TOTAL PECDD	NC	1.1 J	4.4	1.5 J	15	2.3 J	1.9 J	0.39 J	0.94 J
TOTAL PECDF	NC	8.5	8.7 J	3.3 J	37	4.6 J	2.4 J	2 J	2.2 J
TOTAL TCDD	NC	1.6	2.6	1.9 J	14	1.7	2.9	1.8 J	1.5 J
TOTAL TCDF	NC	14	6.3 J	3.6 J	50	5.3 J	4.7 J	2.7 J	3.1 J
Volatile Organics (MG/KG)									
1,1,2-TRICHLOROTRIFLUOROETHAN	43000	0.000872 U	0.000916 U	0.00441 J	0.000966 U	0.000983 U	0.000975 U	0.000978 J	0.000931 UR
2-BUTANONE	28000	0.00224 UJ	0.00235 U	0.00249 U	0.00248 U	0.00253 J	0.00251 U	0.00252 U	0.00239 UR
4-ISOPROPYLTOLUENE	NC	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.00164 J	0.00028 U	0.000266 UR
ACETONE	61000	0.00723 J	0.00759 U	0.00802 U	0.0343	0.0185 J	0.0145 J	0.0171 J	0.00771 UR
BENZENE	1.1	0.000374 U	0.000392 U	0.000415 U	0.00493 J	0.000421 U	0.000418 U	0.000419 U	0.000399 UR
TOLUENE	5000	0.0693	0.000654 U	0.000948 J	0.00126 J	0.000702 U	0.0138	0.0773	0.00139 J
Semivolatile Organics (MG/KG)									
1,1-BIPHENYL	3900	0.0187 U	0.0194 U	0.0207 U	0.0205 U	0.021 U	0.0799 J	0.0209 U	0.0303 J
2,4-DIMETHYLPHENOL	1200	0.185 U	0.191 U	0.204 U	0.202 U	0.207 U	0.205 J	0.206 U	0.147 U
2,6-DICHLOROPHENOL	NC	0.0708 J	0.0606 U	0.0649 U	0.0642 U	0.0659 U	0.194 J	0.0656 U	0.0815 J
2-CHLORONAPHTHALENE	6300	0.00999 U	0.0103 U	0.011 U	0.0109 U	0.0112 U	0.0648 J	0.0112 U	0.00795 U
2-CHLOROPHENOL	390	0.143 J	0.0645 U	0.069 U	0.0683 U	0.0701 U	0.124 J	0.0698 U	0.0497 U
2-METHYLNAPHTHALENE	310	0.0212 U	0.0219 U	0.0235 U	0.0232 U	0.0238 U	0.0517 J	0.0237 U	0.0169 U
2-METHYLPHENOL	3100	0.125 J	0.129 U	0.138 U	0.137 U	0.14 U	0.139 J	0.14 U	0.0994 U
2-NITROPHENOL	NC	0.0787 J	0.0813 U	0.0869 U	0.0861 U	0.0883 U	0.0874 J	0.0879 U	0.0626 U
3&4-METHYLPHENOL	NC	0.167 J	0.148 U	0.159 U	0.157 U	0.161 U	0.37	0.16 U	0.114 U
4-BROMOPHENYL PHENYL ETHER	NC	0.015 U	0.0155 U	0.0166 U	0.0164 U	0.0168 U	0.0447 J	0.0167 U	0.0119 U
BAP EQUIVALENT	0.015	0.0212 U	0.0219 U	0.000026	0.0232 U	0.0238 U	0.0236 U	0.0237 U	0.0169 U
BENZO(A)ANTHRACENE	0.15	0.02 U	0.0206 U	0.0221 U	0.0219 U	0.0224 U	0.0222 U	0.0223 U	0.0159 U

NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Residential Soil RSL

TABLE 3.1-5

STUDY AREA 01
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0082	0085	0588	0589	1312	1443	1459	1811
Sample ID		0082SS0010006	0085SS0010006	0588SS0010006	0589SS0010006	1312SS0010006	1443SS0010006	1459SS0010006	1811SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Bottom Depth		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Sample Date	[R]	20090225	20090303	20081117	20090226	20090303	20090121	20090204	20081208
Study Area		STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID		6316737007483	6316730035334	6316728509689	6316942621308	6316948803150	6316601835360	6316737001456	6316730009426
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level									
BENZO(B)FLUORANTHENE	0.15	0.025 U	0.0258 U	0.0276 U	0.0273 U	0.028 U	0.0278 U	0.0279 U	0.0199 U
BENZO(K)FLUORANTHENE	1.5	0.0225 U	0.0232 U	0.0248 U	0.0246 U	0.0252 U	0.025 U	0.0251 U	0.0179 U
BIS(2-ETHYLHEXYL)PHTHALATE	35	0.131 U	0.135 U	0.394 J	0.143 U	2.03	0.239 J	0.146 U	0.104 U
CHRYSENE	15	0.0162 U	0.0168 U	0.0268 J	0.0178 U	0.0182 U	0.018 U	0.0181 U	0.0129 U
DI-N-BUTYL PHTHALATE	6100	0.0537 J	0.0555 J	0.0791 J	0.0611 J	0.0603 U	0.0597 U	0.06 J	0.0427 U
DIETHYL PHTHALATE	49000	0.0212 U	0.0219 U	0.0235 U	0.0232 U	0.0238 U	0.0236 J	0.0237 U	0.0169 U
DIMETHYL PHTHALATE	NC	0.0162 U	0.0168 U	0.0179 U	0.0178 U	0.0182 U	0.0324 J	0.0181 U	0.0355 J
FLUORANTHENE	2300	0.0237 U	0.0245 U	0.0526 J	0.026 U	0.0266 U	0.0264 U	0.0265 U	0.0189 U
NAPHTHALENE	3.9	0.0288 J	0.00774 U	0.00828 U	0.0082 U	0.00841 U	0.0296 U	0.00837 U	0.027 J
PENTACHLOROBENZENE	49	0.035 U	0.0361 U	0.0386 U	0.0382 U	0.0393 U	0.117 J	0.0391 U	0.0278 U
PHENANTHRENE	1700	0.0375 U	0.0387 U	0.0414 J	0.041 U	0.0421 U	0.0416 U	0.0418 U	0.0298 U
PYRENE	1700	0.0225 U	0.0232 U	0.0472 J	0.0246 U	0.0252 U	0.025 U	0.0251 U	0.0179 U
Pesticides/PCBs (MG/KG)									
4,4'-DDE	1.4	0.000559 U	0.00061 U	0.000629 U	0.00071 U	0.000686 U	0.000636 U	0.000705 U	0.000627 U
Inorganics (MG/KG)									
ALUMINUM	77000	19400	34300	46600	37800	31900	34400	38500	37300
ANTIMONY	31	0.27	0.533	0.67	1.02	0.512	0.706	0.399	0.544
ARSENIC	0.39	**4.15 [R]**	**9.36 [R]**	**15.6 [R]**	**12.9 [R]**	**10.1 [R]**	**12.6 [R]**	**11.8 [R]**	**8.43 [R]**
BARIUM	15000	283	321	353	281	241	244	245	419
BERYLLIUM	160	1.89 J	3.79	6.11	5.13	4.2	3.55	4.97	4.39
CADMIUM	70	0.156	0.498	0.292	0.896	0.564	0.507	0.097	0.25
CHROMIUM	120000	4.04 J	4.53	3.88	6.89	37.6	6.44	4.4	4.13
COBALT	23	2.94 J	4.52	4.53	5.66	3.53	5.24	3.89	5.61
COPPER	3100	37.6 J	37.8	39	55.2	27.5	114	26.6	13.8
IRON	55000	10300	18200	21400	17900	16800	19700	17400	18600
LEAD	400	15.6	32.3	39.9	47.2	34.6	51.2	32.4	36.6
MANGANESE	1800	299	661	667	955	784	635	713	691
NICKEL	1500	3.74 J	3.45	4.76	6.21	3.35	5.24	3.52	4.93
SELENIUM	390	0.113	0.124	0.242	0.221	0.158	0.213	0.0827 U	0.772 U
SILVER	390	0.0907 U	2.44	0.129	3.97	3.31	0.102 U	0.103 U	0.0991 U
THALLIUM	NC	1.05 U	1.47 U	0.601	1.53 U	1 U	1.42	1.11	3.68
TIN	47000	1.6	2.6	3.53	3.42	3.28	5.02	2.63	2.33
VANADIUM	390	19.9 J	38.8	38.1	34.4	37.7	41.8	27.8	31.9
ZINC	23000	44.3 J	67	81.3	105	76.9	116	54.7	40.7
Miscellaneous Parameters (MG/KG)									
CYANIDE	1600	0.146 U	0.152 U	0.166	0.16 U	0.318	0.163	0.167 U	0.16 UJ

NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Residential Soil RSL

TABLE 3.1-5

STUDY AREA 01
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1812	1867	2103
Sample ID		1812SS0010006	1867SS0010006	2103SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II
Bottom Depth		0.5	0.5	0.5
Sample Date	[R]	20090124	20090227	20090220
Study Area		STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID		6316602405460	6316730011490	6316605966092
Likely Water Source		PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level				
Dioxins/Furans (NG/KG)				
1,2,3,4,6,7,8,9-OCDD	15000	46	36	7 U
1,2,3,4,6,7,8,9-OCDF	15000	2 U	1.8 J	0.82 J
1,2,3,4,6,7,8-HPCDD	450	5.3 J	7.7	1.1 U
1,2,3,4,6,7,8-HPCDF	450	2 U	2.4 J	0.57 U
1,2,3,4,7,8,9-HPCDF	450	0.17 J	0.65 J	0.180885 U
1,2,3,4,7,8-HXCDD	45	0.077 U	0.36 U	0.102664 U
1,2,3,4,7,8-HXCDF	45	0.97 J	1.9 J	0.086 J
1,2,3,6,7,8-HXCDD	45	0.34 J	0.51 J	0.09 U
1,2,3,6,7,8-HXCDF	45	0.48 J	0.58 J	0.071 U
1,2,3,7,8,9-HXCDD	45	0.43 J	0.32 U	0.1 J
1,2,3,7,8,9-HXCDF	45	0.100729 U	0.42 U	0.093 U
1,2,3,7,8-PECDD	4.5	0.14 U	0.71 J	0.076 U
1,2,3,7,8-PECDF	150	1.2	0.73 J	0.076 J
2,3,4,6,7,8-HXCDF	45	0.48 J	0.61 J	0.13 J
2,3,4,7,8-PECDF	15	0.41 U	0.76 J	0.18 U
2,3,7,8-TCDD	4.5	0.15 J	0.25 U	0.098 U
2,3,7,8-TCDF	45	0.67 U	0.82 U	0.26 U
TEQ	4.5	0.52	1.44	0.03
TOTAL HPCDD	NC	9.5 J	14	2.3 J
TOTAL HPCDF	NC	4.9 J	9.4 J	1.3 J
TOTAL HXCDD	NC	3.5 J	3.7 J	0.28 U
TOTAL HXCDF	NC	7.4 J	10 J	0.35 J
TOTAL PECDD	NC	0.88 J	0.71 J	0.076 U
TOTAL PECDF	NC	12 J	11	0.26 J
TOTAL TCDD	NC	2.4	3.1	1.1
TOTAL TCDF	NC	7.2 J	8.1 J	0.43 J
Volatile Organics (MG/KG)				
1,1,2-TRICHLOROTRIFLUOROETHAN	43000	0.000917 U	0.000884 U	0.000869 U
2-BUTANONE	28000	0.00236 U	0.00227 U	0.00224 U
4-ISOPROPYLTOLUENE	NC	0.000262 U	0.000253 U	0.000248 U
ACETONE	61000	0.0076 U	0.0891	0.0072 U
BENZENE	1.1	0.000393 U	0.00845 J	0.000373 U
TOLUENE	5000	0.00631 J	0.00553 J	0.000621 U
Semivolatile Organics (MG/KG)				
1,1-BIPHENYL	3900	0.0195 U	0.0189 U	0.0184 U
2,4-DIMETHYLPHENOL	1200	0.192 U	0.186 U	0.182 U
2,6-DICHLOROPHENOL	NC	0.061 U	0.0591 U	0.0577 U
2-CHLORONAPHTHALENE	6300	0.0104 U	0.0101 U	0.00982 U
2-CHLOROPHENOL	390	0.0649 U	0.0629 U	0.0614 U
2-METHYLNAPHTHALENE	310	0.0221 U	0.0214 U	0.0209 U
2-METHYLPHENOL	3100	0.13 U	0.126 U	0.123 U
2-NITROPHENOL	NC	0.0817 U	0.0793 U	0.0773 U
3&4-METHYLPHENOL	NC	0.149 U	0.145 U	0.141 U
4-BROMOPHENYL PHENYL ETHER	NC	0.0156 U	0.0151 U	0.0147 U
BAP EQUIVALENT	0.015	0.0221 U	0.0214 U	0.009505
BENZO(A)ANTHRACENE	0.15	0.0208 U	0.0201 U	0.041 J

NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Residential Soil RSL

TABLE 3.1-5

STUDY AREA 01
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1812	1867	2103
Sample ID		1812SS0010006	1867SS0010006	2103SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II
Bottom Depth		0.5	0.5	0.5
Sample Date	[R]	20090124	20090227	20090220
Study Area		STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID		6316602405460	6316730011490	6316605966092
Likely Water Source		PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level				
BENZO(B)FLUORANTHENE	0.15	0.026 U	0.0252 U	0.0491 J
BENZO(K)FLUORANTHENE	1.5	0.0234 U	0.0226 U	0.0443 J
BIS(2-ETHYLHEXYL)PHTHALATE	35	0.136 U	0.132 U	0.129 U
CHRYSENE	15	0.0169 U	0.0164 U	0.0522 J
DI-N-BUTYL PHTHALATE	6100	0.0589 J	0.0541 U	0.0528 U
DIETHYL PHTHALATE	49000	0.0221 U	0.0214 U	0.0209 U
DIMETHYL PHTHALATE	NC	0.0169 U	0.0164 U	0.016 U
FLUORANTHENE	2300	0.0247 U	0.0239 U	0.048 J
NAPHTHALENE	3.9	0.00779 U	0.00755 U	0.00736 U
PENTACHLOROBENZENE	49	0.0363 U	0.0352 U	0.0344 U
PHENANTHRENE	1700	0.0389 U	0.0377 U	0.0368 U
PYRENE	1700	0.0234 U	0.0226 U	0.0402 J
Pesticides/PCBs (MG/KG)				
4,4'-DDE	1.4	0.000654 U	0.00062 U	0.000758 J
Inorganics (MG/KG)				
ALUMINUM	77000	16300	25500	18500
ANTIMONY	31	0.698	0.453	0.443
ARSENIC	0.39	**12 [R]**	**10.6 [R]**	**11.2 [R]**
BARIUM	15000	661	223	111
BERYLLIUM	160	3.04	2.99	4.61
CADMIUM	70	0.132	0.355	0.217
CHROMIUM	120000	18.2	6.79	23.8
COBALT	23	3.01	2.62	2.06
COPPER	3100	79.9	176	64.7
IRON	55000	9600	13100	10000
LEAD	400	81.8	30.8	30.1
MANGANESE	1800	401	424	463
NICKEL	1500	2.46	2.34	1.99 U
SELENIUM	390	0.0825	0.159	0.0726
SILVER	390	0.103 U	2.23	0.159
THALLIUM	NC	1.31 U	1.54 U	1.27 U
TIN	47000	2.42	2.4	2.43
VANADIUM	390	15.8	27.8	18
ZINC	23000	115	86.2	53.8
Miscellaneous Parameters (MG/KG)				
CYANIDE	1600	0.157 U	0.236	0.146 U

NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Residential Soil RSL

TABLE 3.1-6

STUDY AREA 01
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/KG)								
1,2,3,4,6,7,8,9-OCDD	10/11	0	15000	7.1 J	140	7 - 7	42.51	38.96
1,2,3,4,6,7,8,9-OCDF	5/11	0	15000	0.82 J	14	0.36 - 2	4.08	2.12
1,2,3,4,6,7,8-HPCDD	7/11	0	450	1.6 J	33	1.1 - 3.3	10.33	7.02
1,2,3,4,6,7,8-HPCDF	6/11	0	450	1.5 J	9.9	0.57 - 2	3.57	2.20
1,2,3,4,7,8,9-HPCDF	7/11	0	450	0.13 J	0.65 J	0.133953 - 0.3	0.32	0.24
1,2,3,4,7,8-HXCDD	4/11	0	45	0.084 J	0.32 J	0.077 - 0.36	0.19	0.12
1,2,3,4,7,8-HXCDF	10/11	0	45	0.086 J	2.5 J	0.2 - 0.2	0.83	0.76
1,2,3,6,7,8-HXCDD	6/11	0	45	0.16 J	1.5 J	0.09 - 0.29	0.67	0.41
1,2,3,6,7,8-HXCDF	8/11	0	45	0.11 J	2.3 J	0.071 - 0.34	0.68	0.52
1,2,3,7,8,9-HXCDD	6/11	0	45	0.1 J	0.82 J	0.123 - 0.32	0.44	0.29
1,2,3,7,8,9-HXCDF	2/11	0	45	0.24 J	0.29 J	0.048 - 0.42	0.27	0.12
1,2,3,7,8-PECDD	5/11	0	4.5	0.06 J	0.71 J	0.076 - 0.23	0.28	0.17
1,2,3,7,8-PECDF	11/11	0	150	0.076 J	2	-	0.59	0.59
2,3,4,6,7,8-HXCDF	10/11	0	45	0.13 J	3.1	0.12 - 0.12	0.72	0.66
2,3,4,7,8-PECDF	5/11	0	15	0.42 J	3	0.18 - 0.41	1.13	0.59
2,3,7,8-TCDD	2/11	0	4.5	0.033 J	0.15 J	0.053 - 0.25	0.09	0.07
2,3,7,8-TCDF	1/11	0	45	2.7	2.7	0.24 - 0.82	2.70	0.46
TEQ	11/11	0	4.5	0.034	2.78	-	0.70	0.70
TOTAL HPCDD	11/11	--	NC	2.3 J	59	-	14.01	14.01
TOTAL HPCDF	11/11	--	NC	1.3 J	18 J	-	5.28	5.28
TOTAL HXCDD	10/11	--	NC	1.9 J	21	0.28 - 0.28	6.29	5.73
TOTAL HXCDF	11/11	--	NC	0.35 J	34	-	8.22	8.22
TOTAL PECDD	10/11	--	NC	0.39 J	15	0.076 - 0.076	2.91	2.65
TOTAL PECDF	11/11	--	NC	0.26 J	37	-	8.36	8.36
TOTAL TCDD	11/11	--	NC	1.1	14	-	3.15	3.15
TOTAL TCDF	11/11	--	NC	0.43 J	50	-	9.58	9.58
Volatile Organics (MG/KG)								
1,1,2-TRICHLOROTRIFLUOROETHANE	2/10	0	43000	0.000978 J	0.00441 J	0.000869 - 0.000983	0.00269	0.00091
2-BUTANONE	1/10	0	28000	0.00253 J	0.00253 J	0.00224 - 0.00252	0.00253	0.00133
4-ISOPROPYLTOLUENE	1/10	--	NC	0.00164 J	0.00164 J	0.000248 - 0.000281	0.00164	0.00028
ACETONE	6/10	0	61000	0.00723 J	0.0891	0.0072 - 0.00802	0.03012	0.01959
BENZENE	2/10	0	1.1	0.00493 J	0.00845 J	0.000373 - 0.000421	0.00669	0.00150
TOLUENE	8/11	0	5000	0.000948 J	0.0773	0.000621 - 0.000702	0.02198	0.01608
Semivolatile Organics (MG/KG)								
1,1-BIPHENYL	2/11	0	3900	0.0303 J	0.0799 J	0.0184 - 0.021	0.0551	0.0181
2,4-DIMETHYLPHENOL	1/11	0	1200	0.205 J	0.205 J	0.147 - 0.207	0.2050	0.1051
2,6-DICHLOROPHENOL	3/11	--	NC	0.0708 J	0.194 J	0.0577 - 0.0659	0.1154	0.0542
2-CHLORONAPHTHALENE	1/11	0	6300	0.0648 J	0.0648 J	0.00795 - 0.0112	0.0648	0.0106
2-CHLOROPHENOL	2/11	0	390	0.124 J	0.143 J	0.0497 - 0.0701	0.1335	0.0507
2-METHYLNAPHTHALENE	1/11	0	310	0.0517 J	0.0517 J	0.0169 - 0.0238	0.0517	0.0146
2-METHYLPHENOL	2/11	0	3100	0.125 J	0.139 J	0.0994 - 0.14	0.1320	0.0768
2-NITROPHENOL	2/11	--	NC	0.0787 J	0.0874 J	0.0626 - 0.0883	0.0831	0.0483
3&4-METHYLPHENOL	2/11	--	NC	0.167 J	0.37	0.114 - 0.161	0.2685	0.1095
4-BROMOPHENYL PHENYL ETHER	1/11	--	NC	0.0447 J	0.0447 J	0.0119 - 0.0168	0.0447	0.0111
BAP EQUIVALENT	2/11	0	0.015	0.0000268	0.0095052	0.0169 - 0.0238	0.0048	0.0099

NA-Not Available
NC-No Criteria
J-Estimated Value

TABLE 3.1-6

STUDY AREA 01
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
BENZO(A)ANTHRACENE	1/11	0	0.15	0.041 J	0.041 J	0.0159 - 0.0224	0.0410	0.0132
BENZO(B)FLUORANTHENE	1/11	0	0.15	0.0491 J	0.0491 J	0.0199 - 0.028	0.0491	0.0163
BENZO(K)FLUORANTHENE	1/11	0	1.5	0.0443 J	0.0443 J	0.0179 - 0.0252	0.0443	0.0147
BIS(2-ETHYLHEXYL)PHTHALATE	3/11	0	35	0.239 J	2.03	0.104 - 0.146	0.8877	0.2901
CHRYSENE	2/11	0	15	0.0268 J	0.0522 J	0.0129 - 0.0182	0.0395	0.0141
DI-N-BUTYL PHTHALATE	6/11	0	6100	0.0537 J	0.0791 J	0.0427 - 0.0603	0.0614	0.0457
DIETHYL PHTHALATE	1/11	0	49000	0.0236 J	0.0236 J	0.0169 - 0.0238	0.0236	0.0121
DIMETHYL PHTHALATE	2/11	--	NC	0.0324 J	0.0355 J	0.016 - 0.0182	0.0340	0.0132
FLUORANTHENE	2/11	0	2300	0.048 J	0.0526 J	0.0189 - 0.0266	0.0503	0.0192
NAPHTHALENE	2/11	0	3.9	0.027 J	0.0288 J	0.00736 - 0.0296	0.0279	0.0093
PENTACHLOROBENZENE	1/11	0	49	0.117 J	0.117 J	0.0278 - 0.0393	0.1170	0.0270
PHENANTHRENE	1/11	0	1700	0.0414 J	0.0414 J	0.0298 - 0.0421	0.0414	0.0213
PYRENE	2/11	0	1700	0.0402 J	0.0472 J	0.0179 - 0.0252	0.0437	0.0175
Pesticides/PCBs (MG/KG)								
4,4'-DDE	1/11	0	1.4	0.000758 J	0.000758 J	0.000559 - 0.00071	0.000758	0.000361
Inorganics (MG/KG)								
ALUMINUM	11/11	0	77000	16300	46600	-	30954.5	30954.5
ANTIMONY	11/11	0	31	0.27	1.02	-	0.6	0.6
ARSENIC	11/11	11	0.39	4.15	15.6	-	10.8	10.8
BARIUM	11/11	0	15000	111	661	-	307.5	307.5
BERYLLIUM	11/11	0	160	1.89 J	6.11	-	4.1	4.1
CADMIUM	11/11	0	70	0.097	0.896	-	0.4	0.4
CHROMIUM	11/11	0	120000	3.88	37.6	-	11.0	11.0
COBALT	11/11	0	23	2.06	5.66	-	4.0	4.0
COPPER	11/11	0	3100	13.8	176	-	61.1	61.1
IRON	11/11	0	55000	9600	21400	-	15727.3	15727.3
LEAD	11/11	0	400	15.6	81.8	-	39.3	39.3
MANGANESE	11/11	0	1800	299	955	-	608.5	608.5
NICKEL	10/11	0	1500	2.34	6.21	1.99 - 1.99	4.0	3.7
SELENIUM	9/11	0	390	0.0726	0.242	0.0827 - 0.772	0.2	0.2
SILVER	6/11	0	390	0.129	3.97	0.0907 - 0.103	2.0	1.1
THALLIUM	4/11	0	NC	0.601	3.68	1 - 1.54	1.7	1.0
TIN	11/11	0	47000	1.6	5.02	-	2.9	2.9
VANADIUM	11/11	0	390	15.8	41.8	-	30.2	30.2
ZINC	11/11	0	23000	40.7	116	-	76.4	76.4
Miscellaneous Parameters (MG/KG)								
CYANIDE	4/11	0	1600	0.163	0.318	0.146 - 0.167	0.22075	0.129727272

NA-Not Available
NC-No Criteria
J-Estimated Value

TABLE 3.2-1

STUDY AREA 02
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1334	1384	1389	1785	1785	1785	1788	1794	1817	2110
Sample ID		1334SG001	1384SG001	1389SG001	1785SG001	1785SG001-AVG	1785SG001-D	1788SG001	1794SG001	1817SG001	2110SG001
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090131	20090321	20090415	20090417	20090417	20090417	20090303	20090212	20090115	20090226
Study Area		STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID		6301609042204	6300655039222	6300550010355	6303067306109	6303067306109	6303067306109	6301609054244	6301647002238	6302044108162	6300553004232
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level											
Volatile Organics (UG/M3)											
1,1,1,2-TETRACHLOROETHANE	3.3	0.18 U	0.18 U	0.18 U	**22.5 J [R]**	**11.295 J [R]**	0.18 UJ	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	52000	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.284 J	0.15 U	0.15 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.718	0.701	0.618	0.758	0.399	0.08 U	0.834	0.773	0.727	0.488
1,2,3-TRICHLOROBENZENE	NC	0.4 UR	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1.68
1,2,4-TRICHLOROBENZENE	21	0.19 UR	0.319 J	0.19 U	0.19 U	0.19 U	0.19 U	0.646 U	0.19 U	0.19 U	1.18
1,2,4-TRIMETHYLBENZENE	73	1.95	0.05 U	0.824	0.203	0.114	0.05 U	0.22 U	2.53	0.553	0.4
1,2-DICHLOROBENZENE	2100	0.713	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.151 J
1,2-DICHLOROPROPANE	2.4	**4.29 [R]**	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	**2.87 [R]**	1.04	0.615
1,3,5-TRIMETHYLBENZENE	NC	0.685	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.742	0.164 J	0.186 J
1,3-DICHLOROBENZENE	NC	0.476	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.136 J
1,4-DICHLOROBENZENE	2.2	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.518
2-BUTANONE	52000	1.74	0.33 U	1.95	0.33 U	0.33 U	0.33 U	1.28	2.11	1.51	2.11
ACETONE	320000	70.6	2.34	25.5	3.41	3.36	3.31	14.1	23	11	67.5
ACETONITRILE	630	17.4	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.714 J	0.434 J	0.592 J
ACROLEIN	0.21	**0.974 [R]**	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	**2.14 [R]**	**1.08 [R]**	0.41 U
ACRYLONITRILE	0.36	0.246 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	3.1	**5.56 [R]**	0.03 U	0.333	0.03 U	0.03 U	0.03 U	0.308	2.87	2.09	0.658
BROMODICHLOROMETHANE	0.66	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	**0.758 [R]**	0.15 U	0.15 U
CARBON DISULFIDE	7300	1.97	0.1 U	2.2	1.34	1.06	0.78	0.136 J	2.04	3.02	0.294
CARBON TETRACHLORIDE	1.6	0.385	0.848	0.13 U	0.634	0.5655	0.497	0.13 U	1	0.13 U	0.444
CHLOROFORM	1.1	0.11 U	0.11 U	**1.23 [R]**	0.11 U	0.11 U	0.11 U	0.857	**25.4 [R]**	**1.39 [R]**	0.11 U
CHLOROMETHANE	940	0.266	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.119 J	0.228	0.234	0.07 U
CYCLOHEXANE	63000	5.78	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.328	0.476	0.434	0.11 U
DICHLORODIFLUOROMETHANE	2100	3.19	2.29	2.54	3.53	2.99	2.45	3.39	3.02	1.91	0.18 U
ETHYLBENZENE	9.7	2.62	0.0604 J	4.84	0.03 U	0.03 U	0.03 U	0.753	3.72	1.89	0.259
HEXACHLOROBUTADIENE	1.1	0.371 J	0.354 J	0.24 U	0.24 U	0.24 U	0.24 U	0.404 U	0.24 U	0.24 U	**1.31 [R]**
HEXANE	7300	75.2	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.262 J	8.18	1.03	0.17 U
ISOBUTANOL	NC	2.81	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 UR	2.17	0.46 U	0.46 U
ISOPROPYLBENZENE	4200	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.306	0.186 J	0.07 U
M+P-XYLENES	7300	8.51	0.09 U	3.31	0.269	0.157	0.09 U	0.751	5.5	2.03	0.507
METHYL CYCLOHEXANE	NC	8.14	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.415	0.78	0.08 U
METHYLENE CHLORIDE	52	7.07	0.08 U	0.08 U	0.08 U	0.71	1.38	0.111 J	0.826	1.39	0.271
O-XYLENE	7300	3.87	0.06 U	1.87	0.06 UJ	0.06 UJ	0.06 UJ	0.332	2.79	1.03	0.237
STYRENE	10000	2.4	0.07 U	19.3	0.07 U	0.07 U	0.07 U	4.34	57.3	8.58	0.389
TETRACHLOROETHENE	4.1	**15.1 [R]**	**6.22 [R]**	**8.62 [R]**	1.56 J	1.555 J	1.55 J	**7.12 [R]**	**10 [R]**	**15.3 [R]**	1.45 U
TOLUENE	52000	23.6	0.337	1.18	0.221	0.32	0.419	1.12	7.63	6.38	2.74
TRICHLOROETHENE	12	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	1.72	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	7300	1.75	1.77	1.81	1.96	1.84	1.72	2.09	1.94	3.52	1.3

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[R]-Exceeds soil gas RSL

TABLE 3.2-2

STUDY AREA 02
SOIL GAS - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil Gas RSL	Soil Gas RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Volatile Organics (UG/M3)								
1,1,1,2-TETRACHLOROETHANE	1/8	1	3.3	11.295 J	22.5 J	0.18 - 0.18	11.30	1.49
1,1,1-TRICHLOROETHANE	1/8	0	52000	0.284 J	0.284 J	0.15 - 0.15	0.28	0.10
1,1,2-TRICHLOROTRIFLUOROETHANE	8/8	0	310000	0.399	0.834	0.08 - 0.08	0.66	0.66
1,2,3-TRICHLOROBENZENE	1/7	--	NC	1.68	1.68	0.4 - 0.4	1.68	0.41
1,2,4-TRICHLOROBENZENE	2/7	0	21	0.319 J	1.18	0.19 - 0.646	0.75	0.31
1,2,4-TRIMETHYLBENZENE	6/8	0	73	0.114	2.53	0.05 - 0.22	1.06	0.81
1,2-DICHLOROBENZENE	2/8	0	2100	0.151 J	0.713	0.1 - 0.1	0.43	0.15
1,2-DICHLOROPROPANE	4/8	2	2.4	0.615	4.29	0.09 - 0.09	2.20	1.12
1,3,5-TRIMETHYLBENZENE	4/8	0	NC	0.164 J	0.742	0.05 - 0.05	0.44	0.23
1,3-DICHLOROBENZENE	2/8	--	NC	0.136 J	0.476	0.09 - 0.09	0.31	0.11
1,4-DICHLOROBENZENE	1/8	0	2.2	0.518	0.518	0.09 - 0.09	0.52	0.10
2-BUTANONE	6/8	0	52000	1.28	2.11	0.33 - 0.33	1.78	1.38
ACETONE	8/8	0	320000	2.34	70.6	-	27.18	27.18
ACETONITRILE	4/8	0	630	0.434 J	17.4	0.38 - 0.38	4.79	2.49
ACROLEIN	3/8	3	0.21	0.974	2.14	0.41 - 0.41	1.40	0.65
ACRYLONITRILE	1/8	0	0.36	0.246 J	0.246 J	0.2 - 0.2	0.25	0.12
BENZENE	6/8	1	3.1	0.308	5.56	0.03 - 0.03	1.97	1.48
BROMODICHLOROMETHANE	1/8	1	0.66	0.758	0.758	0.15 - 0.15	0.76	0.16
CARBON DISULFIDE	7/8	0	7300	0.136 J	3.02	0.1 - 0.1	1.53	1.35
CARBON TETRACHLORIDE	5/8	0	1.6	0.385	1	0.13 - 0.13	0.65	0.43
CHLOROFORM	4/8	3	1.1	0.857	25.4	0.11 - 0.11	7.22	3.64
CHLOROMETHANE	4/8	0	940	0.119 J	0.266	0.07 - 0.07	0.21	0.12
CYCLOHEXANE	4/8	0	63000	0.328	5.78	0.11 - 0.11	1.75	0.90
DICHLORODIFLUOROMETHANE	7/8	0	2100	1.91	3.53	0.18 - 0.18	2.76	2.43
ETHYLBENZENE	7/8	0	9.7	0.0604 J	4.84	0.03 - 0.03	2.02	1.77
HEXACHLOROBUTADIENE	3/8	1	1.1	0.354 J	1.31	0.24 - 0.404	0.68	0.34
HEXANE	4/8	0	7300	0.262 J	75.2	0.17 - 0.17	21.17	10.63
ISOBUTANOL	2/7	--	NC	2.17	2.81	0.46 - 0.46	2.49	0.88
ISOPROPYLBENZENE	2/8	0	4200	0.186 J	0.306	0.07 - 0.07	0.25	0.09
M+P-XYLENES	7/8	0	7300	0.157	8.51	0.09 - 0.09	2.97	2.60
METHYL CYCLOHEXANE	3/8	--	NC	0.415	8.14	0.08 - 0.08	3.11	1.19
METHYLENE CHLORIDE	6/8	0	52	0.111 J	7.07	0.08 - 0.08	1.73	1.31
O-XYLENE	6/8	0	7300	0.237	3.87	0.06 - 0.06	1.69	1.27
STYRENE	6/8	0	10000	0.389	57.3	0.07 - 0.07	15.38	11.55
TETRACHLOROETHENE	7/8	6	4.1	1.55 J	15.3	1.45 - 1.45	9.13	8.08
TOLUENE	8/8	0	52000	0.221	23.6	-	5.41	5.41
TRICHLOROETHENE	1/8	0	12	1.72	1.72	0.08 - 0.08	1.72	0.25
TRICHLOROFLUOROMETHANE	8/8	0	7300	1.3	3.52	-	2.00	2.00

NC-No Criteria
J-Estimated value

TABLE3.2-3

STUDY AREA 02
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1332	1332	1334	1344	1345	1346	1351	1351	1351	1355	1356
Sample ID						1332TW001	1332TW002	1334TW001	1344TW001	1345TW001	1346TW001	1351TW001	1351TW001-AVG	1351TW001-D	1355TW001	1356TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090106	20090516	20081209	20081218	20081210	20081121	20090604	20090604	20090604	20081124	20090521
Study Area						STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID						6300250004244	6300250004244	6301609042204	6300438004254	6303042008140	6303340603182	6300553104112	6300553104112	6300553104112	6303024026134	6300265034116
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																
Blank Cells indicate that parameter was not analyzed.																
Dioxins/Furans (NG/L)																
1,2,3,4,6,7,8,9-OCDD	NC	1.7	170	NC	NC	0.0053 U		0.0048 J	0.0048 U	0.004 U	0.0025 U	0.0052 U	0.0044 U	0.0036 U	0.0046 U	0.000851 U
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.0008 J		0.0008 U	0.0018 J	0.0014 U	0.000644 U	0.0017 U	0.00185 U	0.002 U	0.00079 U	0.001 U
1,2,3,4,6,7,8-HPCDF	NC	0.052	5.2	NC	NC	0.0003 U		0.00075 U	0.00077 U	0.0011 U	0.00038 U	0.0013 U	0.00135 U	0.0014 U	0.00048 U	0.0009 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.000372 U		0.00051 U	0.000672 U	0.00079 U	0.00017 U	0.00041 J	0.00037 J	0.00033 J	0.000264 U	0.00035 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00035 U		0.00034 U	0.000624 U	0.000532 U	0.000214 J	0.00062 U	0.00043 U	0.00024 U	0.000312 U	0.000284 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00045 U		0.00034 U	0.000552 U	0.00041 U	0.000191 U	0.00046 U	0.00043 J	0.00043 J	0.00024 U	0.00054 U
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.0003 U		0.00027 U	0.00053 U	0.00046 U	0.000191 U	0.00026 U	0.00025 U	0.00024 U	0.000264 U	0.00024 U
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.0003 U		0.00032 U	0.00046 U	0.00028 U	0.00017 U	0.00036 U	0.00033 J	0.00033 J	0.00026 U	0.00026 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.0003 U		0.00044 U	0.00058 U	0.00046 U	0.000191 U	0.00048 J	0.00043 J	0.00038 J	0.00034 J	0.00026 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00035 U		0.00039 U	0.000624 U	0.00038 U	0.00024 U	0.00048 U	0.00037 U	0.00026 U	0.000264 U	0.000284 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.00035 J		0.00088 U	0.00084 U	0.000532 U	0.000644 U	**0.00067 J [R]**	0.000413 J	0.00031 U	0.000601 U	0.00038 U
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.0007 U		0.000753 U	0.0014 U	0.00041 U	0.000573 U	0.00031 J	0.00056 J	0.00081 J	0.00046 U	0.00021 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.0003 U		0.00034 U	0.00055 U	0.00033 J	0.000191 U	0.00043 U	0.000335 U	0.00024 U	0.00024 U	0.00026 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.000323 U		0.00034 J	0.000672 U	0.00023 U	0.00029 U	0.00034 U	0.00024 J	0.00024 J	0.000264 U	0.00026 U
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.0004 U		0.00022 U	0.00048 U	0.000202 U	0.00024 U	0.00034 J	0.00063 J	0.00092 J	0.000192 U	0.00033 U
TEQ	NC	0.00052	0.052	0.37	NC	0.00035		0.000341	5.4E-07	0.000033	2.14E-05	**0.000765 [R]**	**0.00062 [R]**	0.000474	0.000034	0.00026 U
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0019		0.0012 J	0.0023 J	0.0018 J	0.00076 J	0.0019 J	0.0017 J	0.0015 J	0.0017 J	0.000331 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.00065 U		0.0009 J	0.0014 J	0.0014 U	0.00086 J	0.0017 J	0.00175 J	0.0018 J	0.00067 J	0.0013 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.000944 U		0.001 J	0.0017 U	0.001444 U	0.0006 U	0.0013 J	0.001065 J	0.00083 J	0.00087 U	0.00078 U
TOTAL HXCDF	NC	NC	NC	NC	NC	0.001218 U		0.0014 U	0.0022 U	0.001317 U	0.00079 U	0.00172 U	0.0011 J	0.0011 J	0.00094 U	0.0011 J
TOTAL PECDD	NC	NC	NC	NC	NC	0.00035 J		0.00088 U	0.00084 U	0.000532 U	0.000644 U	0.00067 J	0.000413 J	0.00031 U	0.000601 U	0.00038 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.0014 U		0.001531 U	0.0028 U	0.000811 U	0.001146 U	0.00069 J	0.001145 J	0.0016 J	0.00094 U	0.00057 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.0014 J		0.0011 J	0.002015 U	0.000684 U	0.00086 U	0.00101 U	0.00086 U	0.00071 U	0.000794 U	0.00078 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.00052 J		0.00044 U	0.00096 U	0.00041 U	0.00043 U	0.00048 U	0.00097 J	0.0017 J	0.00039 U	0.000473 U
Volatile Organics (UG/L)																
1,1,1-TRICHLOROETHANE	200	9100	NC	91000	10000	0.169 J		0.17 U	0.15 J	0.17 U	0.18 J	0.1 U	0.1 U	0.1 U	0.17 U	0.1 U
1,1-DICHLOROETHANE	NC	2.4	240	73000	3	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	7	340	NC	3400	420	0.392 J		0.255 J	0.343 J	0.288	0.256 J	0.14 U	0.142 J	0.214 J	0.172 J	0.251 J
1,4-DICHLOROBENZENE	75	0.43	43	17000	0.44	0.1 U		0.0738 U	0.1 UJ	0.0938 U	0.07 U	0.1 U	0.1 U	0.1 U	0.07 U	0.1 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	0.1 U		**0.152 J [R]**	**0.31 J [R]**	**0.144 [R]**	**0.294 J [R]**	**0.273 J [R]**	**0.2615 J [R]**	**0.25 J [R]**	**0.135 J [R]**	0.1 U
BROMOFORM	80	8.5	850	7300	NC	4.31		4.42	7.4 J	4.15	3.79	3.52	3.485	3.45	3.36	3.86
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	**0.522**		**0.618**	**2.06 J [R]**	**0.576**	**0.958 [R]**	**1.11 [R]**	**1.09 [R]**	**1.07 [R]**	**1.51 [R]**	**1.91 [R]**
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U		**0.252 J [R][INH]**	0.09 UJ	**0.237 [R][INH]**	**0.264 J [R][INH]**	**0.214 J [R][INH]**	**0.2175 J [R][INH]**	**0.221 J [R][INH]**	**0.242 J [R][INH]**	**0.214 J [R][INH]**
CIS-1,2-DICHLOROETHENE	70	370	NC	3700	NC	0.371 J		0.347 J	0.342 J	0.371	0.298 J	0.1 U	0.1 U	0.1 U	0.13 U	0.235 J
N-BUTYLBENZENE	NC	NC	NC	NC	NC	0.07 U		0.05 U	0.07 UJ	0.05 U	0.05 U	0.07 U	0.07 U	0.07 U	0.05 U	0.07 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	**0.4 J [R]**		**0.321 J [R]**	**0.282 J [R]**	**0.32 [R]**	0.284 U	0.1 U	0.1 U	0.1 U	**0.285 J [R]**	**0.301 J [R]**
TRANS-1,2-DICHLOROETHENE	100	110	NC	1100	130	0.11 U		0.15 U	0.11 UJ	0.15 U	0.15 U	0.11 U	0.11 U	0.11 U	0.15 U	0.11 U
TRICHLOROETHENE	5	2	200	NC	2.4	0.857 J		0.726 J	0.804 J	0.848	0.774 J	0.508 J	0.483 J	0.458 J	0.769 J	0.599 J
Semivolatile Organics (UG/L)																
BAP EQUIVALENT	NC	0.0029	0.29	NC	NC	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U	
BENZO(B)FLUORANTHENE	NC	0.029	2.9	NC	NC	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U	
BENZO(G,H,I)PERYLENE	NC	1100	NC	11000	NC	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U	
DIBENZO(A,H)ANTHRACENE	NC	0.0029	0.29	NC	NC	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U	
INDENO(1,2,3-CD)PYRENE	NC	0.029	2.9	NC	NC	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U	
Radiological Parameters (PCI/L)																
GROSS ALPHA	15	NC	NC	NC	NC	1.9		3.2	1.9	3.2	1.6	2.59 U	2.59 U		3.2	2.97 U
GROSS BETA	8	NC	NC	NC	NC	**18.4 [F]**		**16.2 [F]**	**17.3 [F]**	**15.4 [F]**	**16.2 [F]**	**9.53 [F]**	**9.53 [F]**		**13.8 [F]**	6.99
Inorganics (UG/L)																
ALUMINUM	NC	37000	NC	370000	NC	2.55		2.93	6.84	13.8	3.93	2.56	3.13	3.7	3.01	3.92
ANTIMONY	6	15	NC	150	NC	0.14 U		0.14 U	0.14 U	2.17	1.43	0.283	0.225	0.167	0.14	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**6.23 [R][C]**		**4.9 [R][C]**	**2.69 [R]**	**9.95 [R][C]**	**6.4 [R][C]**	**4.31 [R]**	**4.155 [R]**	**4 [R]**	**6.3 [R][C]**	**5.71 [R][C]**
BARIUM	2000	7300	NC	73000	NC	15.7		19.7	8.59	20.9	16.9	14.5	13.65	12.8	18.2	13.4

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation Tap Water RSL
[NC]-Exceeds 10x Noncancer Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE3.2-3

STUDY AREA 02
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1332	1332	1334	1344	1345	1346	1351	1351	1351	1355	1356
Sample ID						1332TW001	1332TW002	1334TW001	1344TW001	1345TW001	1346TW001	1351TW001	1351TW001-AVG	1351TW001-D	1355TW001	1356TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090106	20090516	20081209	20081218	20081210	20081121	20090604	20090604	20090604	20081124	20090521
Study Area						STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID						6300250004244	6300250004244	6301609042204	6300438004254	6303042008140	6303340603182	6300553104112	6300553104112	6300553104112	6303024026134	6300265034116
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																
Blank Cells indicate that parameter was not analyzed.																
BERYLLIUM	4	73	NC	730	NC	0.03 U		0.0519	0.03 U	0.0559	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	5	18	NC	180	NC	0.04 U		0.04 U	0.04 U	0.186	0.04 U	0.123	0.0715	0.04 U	0.04 U	0.0456
CALCIUM	NC	NC	NC	NC	NC	123		122	125	134	136	101	100.1	99.2	134	120
CHROMIUM	100	NC	NC	NC	NC	0.818 U		0.467	0.591 U	9.79	1.14 U	0.383	0.5195	0.656	1.02 U	0.462
COBALT	NC	11	NC	110	NC	0.0721		0.065	0.03 U	0.141	0.0673	0.274	0.15785	0.0834 U	0.0758	0.0699
COPPER	1300	1500	NC	15000	NC	64.9		21.4	9.92	379	55.1	326 J	279 J	232 J	38.1 J	174
IRON	NC	26000	NC	260000	NC	4.7 U		5.7	14.1	481	5.67	239 J	124.7 J	10.4 J	6.78 J	7.09
LEAD	15	NC	NC	NC	NC	0.952		0.432	0.526	**106 [F]**	0.463	11.6 J	8.335 J	5.07 J	0.626 J	3.16
MAGNESIUM	NC	NC	NC	NC	NC	22.3		28	28.1	32	31.7	22	21.75	21.5	30.9	26.8
MANGANESE	NC	880	NC	8800	NC	8.09		12.3	0.526	55.2	5.23	8.89 J	6.4 J	3.91 J	16.8	15.2
MERCURY	2	0.57	NC	5.7	0.63	0.015 U		0.053	0.048	0.047	0.015 U	0.03	0.0285	0.027	0.167	0.038
NICKEL	NC	730	NC	7300	NC	3.46		1.09	0.825	**2020 [R]**	1.45	39.6 J	21.88 J	4.16 J	6.74 J	1.39
POTASSIUM	NC	NC	NC	NC	NC	5.63		13.9	14.5	15.1	13.7	10.8	10.75	10.7	12.3	10.8
SELENIUM	50	180	NC	1800	NC	0.358		0.364	0.2 U	0.45	0.364	0.389	0.371	0.353	0.339	0.281
SILVER	NC	180	NC	1800	NC	0.12 U		0.246	0.12 U	0.291	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	NC	NC	NC	NC	NC	19.3		30.4	27.7	32.9	30	17	16.85	16.7	27.2	17.6
THALLIUM	2	NC	NC	NC	NC	0.548 U		0.0838 U	0.04 U	0.0801 U	0.267 U	0.341	0.235	0.129	0.322 U	0.04 U
TIN	NC	22000	NC	220000	NC	0.155		0.34	0.1 U	112	0.158	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
URANIUM	30	110	1.63	163	1100	**4.32**		**4.07**	0.552	4.55	4.13	3.2	**3.425**	**3.65**	**3.87**	**3.75**
VANADIUM	NC	180	NC	2600	NC	2.69		4.62	1.27	7.5	4.17	2.64	3.315	3.99	3.32	2.69
ZINC	NC	11000	NC	110000	NC	187		12.3	39.8	1630	49.9	641 J	445.5 J	250 J	15.2 J	97.2
Microbiological Parameters																
PLATE COUNT	500	NC	NC	NC	NC											
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <		**7.5 [F]**	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)																
CHLORIDE	NC	NC	NC	NC	NC	35		46.9	37	44.4	43.5	18.7	18.9	19.1	44.1	22.6
FLUORIDE	4	1.5	NC	1.5	NC	0.435		0.413	0.499	0.437	0.424	0.331	0.323	0.315	0.509	0.289
NITRATE	44.3	58	NC	580	NC	22 J		20.5	19.9	22.4	19.1 J	14.1	14.2	14.3	18	15.7
SULFATE	NC	NC	NC	NC	NC	38.9		40.6	40.2	45.8	42.5	25.2	25.35	25.5	38	26.8
Field Parameters																
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.12	0.16	0.1	0.13	0.1	0.15	0.1	0.1		0.15	0.14
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	7.03	6.91	11.02	7.36	10.36	9.74	8.71	8.71		11.4	10.76
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	581	579	541	505	575	556	395	395		475	545
PH (S.U.)	NC	NC	NC	NC	NC	7.31	7.39	7.5	7.28	7.4	7.25	7.13	7.13		7.29	7.02
SALINITY (%)	NC	NC	NC	NC	NC	0	0.02	0	0	0	0	0.02	0.02		0	0.02
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	1	0.725	0.98	1.1	1.11	1.08	0.716	0.716		1.09	0.842
TEMPERATURE (C)	NC	NC	NC	NC	NC	14.38	19.28	14.03	14.47	14.45	15.43	19.41	19.41		14.06	19.12
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC					0.7					0.7	
TURBIDITY (NTU)	NC	NC	NC	NC	NC	0	0.3	0	16	0	18.1	0	0		0	0.1

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation Tap Water RSL
[NC]-Exceeds 10x Noncancer Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE3.2-3

STUDY AREA 02
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1384	1385	1389	1402	1783	1785	1787	1788	1790	1794	1817
Sample ID						1384TW001	1385TW001	1389TW001	1402TW001	1783TW001	1785TW001	1787TW001	1788TW001	1790TW001	1794TW001	1817TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE I	PHASE II	PHASE II	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090314	20081212	20080716	20081121	20081028	20080708	20090424	20090117	20090317	20090212	20081008
Study Area						STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID						6300655039222	6300553204264	6300550010355	6300546010122	6303008504140	6303067306109	6303024050130	6301609054244	6304108510232	6301647002238	6302044108162
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																
Blank Cells indicate that parameter was not analyzed.																
Dioxins/Furans (NG/L)																
1,2,3,4,6,7,8,9-OCDD	NC	1.7	170	NC	NC	0.0041 U	0.011 U	0.0066 U	0.0016 U	0.0084 U	0.011 U	0.0024 U	0.0035 U	0.0057 U	0.0044 U	0.0077 U
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.0011 U	0.0017 J	0.0014 U	0.00032 U	0.001943 U	0.002 U	0.0014 U	0.00053 U	0.00076 U	0.0016 U	0.0025 U
1,2,3,4,6,7,8-HPCDF	NC	0.052	5.2	NC	NC	0.00058 U	0.00097 U	0.002 U	0.00042 U	0.00086 U	0.0017 U	0.0015 U	0.00024 U	0.00058 U	0.00087 J	0.0013 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00018 J	0.00045 J	0.000362 U	0.00017 J	0.000503 U	0.000323 U	0.00039 U	0.00027 U	0.0002 J	0.00061 U	0.00099 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.000531 U	0.00058 U	0.000233 U	0.0003 U	0.00053 U	0.00035 U	0.00027 U	0.00039 U	0.000456 U	0.000243 U	0.00077 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000252 U	0.00045 U	0.00021 U	0.000122 U	0.00038 J	0.000323 U	0.00063 U	0.00024 J	0.000253 U	0.00032 U	0.00072 U
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00046 U	0.0005 U	0.00023 U	0.00025 U	0.000431 U	0.000273 J	0.00024 U	0.00034 U	0.000404 U	0.00022 U	0.00067 U
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00046 U	0.00031 U	0.00021 U	0.00012 J	0.00029 U	0.00025 U	0.00036 U	0.00017 U	0.00023 U	0.0003 U	0.00042 J
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00046 U	0.0005 U	0.00021 U	0.00025 U	0.00046 U	0.00032 J	0.00039 U	0.00034 U	0.000404 U	0.00022 U	0.00067 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00028 U	0.00031 J	0.000233 U	0.00015 U	0.00041 U	0.00035 U	0.00036 J	0.00022 U	0.00035 U	0.00037 U	0.00052 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.000682 U	0.00066 U	0.00029 U	0.00057 U	0.00058 U	0.00065 U	0.00097 U	0.00056 U	0.00076 U	0.001509 U	0.000444 U
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.00023 U	0.000524 U	0.00044 U	0.00037 U	0.000503 U	0.0005 U	0.00034 U	0.00039 U	0.00028 U	0.0006 U	0.00037 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.0003 U	0.00058 J	0.000233 U	0.000122 U	0.00034 U	0.000323 U	0.00032 U	0.00022 U	0.000253 U	0.00032 U	0.000444 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00046 U	**0.00073 J [R]**	0.00026 U	0.00025 J	0.00024 U	0.0005 J	0.00032 U	0.00039 U	0.00061 U	0.00071 U	0.00032 J
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.00051 U	0.00094 U	0.00054 U	0.0003 U	0.00022 U	0.0003 U	0.00044 U	0.00014 U	0.000202 U	0.00094 U	0.00035 U
TEQ	NC	0.00052	0.052	0.37	NC	1.8E-06	**0.000824 [R]**	0.00026 U	0.000264	0.000038	**0.000559 [R]**	0.000036	0.000024	0.000002	8.7E-06	0.000362
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0016 J	0.0039 J	0.0023 J	0.00076 J	0.0021 J	0.0051 J	0.0014 J	0.0022 J	0.0023 J	0.00071 J	0.0071 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.00076 J	0.0014 J	0.0043 J	0.00059 J	0.0013 J	0.0035 J	0.0035 J	0.00077 J	0.00078 J	0.0011 U	0.001727 U
TOTAL HXCDD	NC	NC	NC	NC	NC	0.001441 U	0.0016 U	0.00065 U	0.00079 U	0.001415 U	0.000921 U	0.00087 J	0.0011 U	0.0013 U	0.000681 U	0.0021 U
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0012 J	0.0017 J	0.0019 J	0.000491 U	0.0014 U	0.001245 U	0.0015 J	0.00077 U	0.001011 U	0.0013 U	0.001801 J
TOTAL PECDD	NC	NC	NC	NC	NC	0.000682 U	0.00066 U	0.00029 U	0.00057 J	0.00058 U	0.00065 U	0.00097 U	0.00056 U	0.00076 U	0.001509 U	0.000444 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.00051 J	0.0014 J	0.000881 U	0.00074 U	0.001031 U	0.001021 U	0.00087 J	0.00077 U	0.00071 J	0.0017 J	0.00094 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.0014 U	0.0011 J	0.00078 U	0.000664 U	0.00072 U	0.0015 J	0.001 J	0.0012 U	0.00182 U	0.002118 U	0.000962 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.00061 J	0.0011 J	0.00073 J	0.00032 J	0.00034 U	0.0006 U	0.00078 J	0.00029 U	0.000404 U	0.0015 J	0.00039 J
Volatile Organics (UG/L)																
1,1,1-TRICHLOROETHANE	200	9100	NC	91000	10000	0.1 U	0.17 U	0.17 U	0.17 U	0.233 J	0.216 J	0.266 J	0.1 U	0.1 U	0.1 U	0.17 U
1,1-DICHLOROETHANE	NC	2.4	240	73000	3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.109 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	7	340	NC	3400	420	0.14 U	0.244 J	0.23 J	0.13 U	0.26 J	0.384 J	0.461 J	0.289 J	0.14 U	0.14 U	0.29 J
1,4-DICHLOROBENZENE	75	0.43	43	17000	0.44	0.1 U	0.0978 J	0.07 U	0.07 U	0.07 U	0.07 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	**0.282 J [R]**	**0.277 J [R]**	**0.159 J [R]**	**0.234 J [R]**	**0.139 J [R]**	**0.263 J [R]**	**0.284 J [R]**	0.1 U	**0.308 J [R]**	0.1 U	**0.187 J [R]**
BROMOFORM	80	8.5	850	7300	NC	3.88	4.24	3.99	3.49	2.83	2.77	5.96	6.29	5.97	5.2	4.23
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	**1.09 [R]**	**1.14 [R]**	**0.52**	**0.838 [R]**	**0.596**	**0.594**	**1.32 [R]**	**1.01 [R]**	**1.61 [R]**	**0.84 [R]**	**0.786**
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	**0.226 J [R][INH]**	**0.261 J [R][INH]**	**0.296 J [R][INH]**	0.09 U	**0.225 J [R][INH]**	**0.332 [R][INH]**	0.09 U	**0.311 [R][INH]**	**0.353 [R][INH]**	**0.224 J [R][INH]**
CIS-1,2-DICHLOROETHENE	70	370	NC	3700	NC	0.1 U	0.268 J	0.346 J	0.364 J	0.341 J	0.299 J	0.519 J	0.275 J	0.1 U	0.324 J	0.294 J
N-BUTYLBENZENE	NC	NC	NC	NC	NC	0.07 U	0.0644 J	0.05 U	0.05 U	0.05 U	0.05 U	0.07 U	0.07 U	0.07 U	0.07 U	0.05 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	**0.223 J [R]**	**0.246 J [R]**	**0.468 J [R]**	0.306 U	**0.319 J [R]**	**0.29 J [R]**	**0.412 J [R]**	**0.391 J [R]**	**0.353 J [R]**	**0.428 J [R]**	**0.29 J [R]**
TRANS-1,2-DICHLOROETHENE	100	110	NC	1100	130	0.11 U	0.161 J	0.15 U	0.15 U	0.15 U	0.15 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15 U
TRICHLOROETHENE	5	2	200	NC	2.4	0.769 J	0.562 J	1.19	0.853 J	0.903 J	0.981 J	0.815 J	0.729 J	0.862 J	0.888 J	0.648 J
Semivolatile Organics (UG/L)																
BAP EQUIVALENT	NC	0.0029	0.29	NC	NC		0.0996 U	0.105 U	0.0971 U	0.0952 U	0.108 U		**0.2467 [R]**			0.101 U
BENZO(B)FLUORANTHENE	NC	0.029	2.9	NC	NC		0.0996 U	0.105 U	0.0971 U	0.0952 U	0.108 U		**0.115 J [R]**			0.101 U
BENZO(G,H,I)PERYLENE	NC	1100	NC	11000	NC		0.0996 U	0.105 U	0.0971 U	0.0952 U	0.108 U		0.176 J			0.101 U
DIBENZO(A,H)ANTHRACENE	NC	0.0029	0.29	NC	NC		0.0996 U	0.105 U	0.0971 U	0.0952 U	0.108 U		**0.217 J [R]**			0.101 U
INDENO(1,2,3-CD)PYRENE	NC	0.029	2.9	NC	NC		0.0996 U	0.105 U	0.0971 U	0.0952 U	0.108 U		**0.182 J [R]**			0.101 U
Radiological Parameters (PCI/L)																
GROSS ALPHA	15	NC	NC	NC	NC	2.53 U	1.6	1.6 U	2.4	1.6	2.7	3.94	1.6 U	2.02	2.87 U	5.4
GROSS BETA	8	NC	NC	NC	NC	**10.7 [F]**	**13.5 [F]**	**19.5 [F]**	**15.4 [F]**	**13.8 [F]**	**20.8 [F]**	**11.6 [F]**	**16.2 [F]**	**14.2 [F]**	**12.4 [F]**	**20.8 [F]**
Inorganics (UG/L)																
ALUMINUM	NC	37000	NC	370000	NC	2.2 U	4.25	9.8	6.26	2.2 U	2.2 U	2.86 U	3.06	8.65	3.03	20.6
ANTIMONY	6	15	NC	150	NC	0.424	0.464	0.14 U	0.14 U	0.147	0.14 U	0.14 U	0.194	0.14 U	0.144	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**2.27 [R]**	**4.57 [R][C]**	**3.94 [R]**	**6.89 [R][C]**	**4.22 [R]**	**5.29 [R][C]**	**2.68 [R]**	**6.75 [R][C]**	**5.93 [R][C]**	**5.07 [R][C]**	**3.29 [R]**
BARIUM	2000	7300	NC	73000	NC	13.6	17.1	17.1	20.1	17.1	17.9	15.5	17.1	15.2	17.4	15.6

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation Tap Water RSL
[NC]-Exceeds 10x Noncancer Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE3.2-3

STUDY AREA 02
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1384	1385	1389	1402	1783	1785	1787	1788	1790	1794	1817
Sample ID						1384TW001	1385TW001	1389TW001	1402TW001	1783TW001	1785TW001	1787TW001	1788TW001	1790TW001	1794TW001	1817TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE I	PHASE II	PHASE II	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090314	20081212	20080716	20081121	20081028	20080708	20090424	20090117	20090317	20090212	20081008
Study Area						STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID						6300655039222	6300553204264	6300550010355	6300546010122	6303008504140	6303067306109	6303024050130	6301609054244	6304108510232	6301647002238	6302044108162
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																
Blank Cells indicate that parameter was not analyzed.																
BERYLLIUM	4	73	NC	730	NC	0.03 U	0.03 U	0.0953 U	0.03 U	0.03 U	0.0535 U	0.03 U	0.0486	0.03 U	0.0332	0.03 U
CADMIUM	5	18	NC	180	NC	0.231	0.438	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0867	0.0476	0.04 U
CALCIUM	NC	NC	NC	NC	NC	111	94.4		137	124		102	112	110	125	122
CHROMIUM	100	NC	NC	NC	NC	0.383 U	0.509	0.8	1.65 U	0.885	0.565	1.39	0.15 U	0.562 U	0.692	0.651
COBALT	NC	11	NC	110	NC	0.232	0.289	0.2	0.117	0.0543	0.1	0.0346	0.139	0.157	0.135	0.0585
COPPER	1300	1500	NC	15000	NC	47.3	499	23.9	17.1	16.4	195	7.73	105	57.2	21.5	135
IRON	NC	26000	NC	260000	NC	374	47.3	70.8	71.8	5.69	4.7 U	4.7 U	61.1	442	190	19.4
LEAD	15	NC	NC	NC	NC	11.1	8.63	5.39	0.905	0.414	1.6	0.366	0.914	13.3	7.38	3.46
MAGNESIUM	NC	NC	NC	NC	NC	25.2	29.8		32	28.1		23.1	24.7	24.4	29.3	27.3
MANGANESE	NC	880	NC	8800	NC	33.6	42.3	103	54.4	13.3	11.2	10.4	13.3	50.8	24.1	4.63
MERCURY	2	0.57	NC	5.7	0.63	0.015 U	0.051	0.022	0.03	0.04	0.03	0.015 U	0.041	0.033 J	0.015 U	0.015 U
NICKEL	NC	730	NC	7300	NC	29.9	32.6	1.43	0.979	1.81	2.04	1.76	1.69	9.32	8.52	9.5
POTASSIUM	NC	NC	NC	NC	NC	13.3	12.8		16.1	14		12.9	14.9	15.3	18.7	13.7
SELENIUM	50	180	NC	1800	NC	0.2 U	0.343	0.418	0.456	0.291	0.496	0.329	0.797 U	0.272	0.527	0.295
SILVER	NC	180	NC	1800	NC	0.12 U	0.352	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.142	0.12 U	0.12 U
SODIUM	NC	NC	NC	NC	NC	26.3	26.4		34.4	29.6		18.8	28.6	23.2	37	27.2
THALLIUM	2	NC	NC	NC	NC	0.306 U	0.04 U	0.69 U	0.162 U	0.0712 U	0.152 U	0.04 U	0.87	0.142 U	0.692 U	0.142 U
TIN	NC	22000	NC	220000	NC	0.582	0.277	0.601	0.245	0.301	0.142	0.185	0.422 U	0.238	0.338	0.1 U
URANIUM	30	110	1.63	163	1100	**5.4**	**3.43**	**4.57**	**4.81**	**4.1**	**6.09**	**3.98**	**4.8**	**5.33**	**6.29**	**4.46**
VANADIUM	NC	180	NC	2600	NC	1 U	4.41	1.15	4.91	1.44	3.54	4.14	2.75	2.81	5.24	2.19
ZINC	NC	11000	NC	110000	NC	4380	1210	343	126	15.9	127	18.8 U	391	1290	383	312
Microbiological Parameters																
PLATE COUNT	500	NC	NC	NC	NC			0			2					
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)																
CHLORIDE	NC	NC	NC	NC	NC	24.5	32.8	37.2	54	45.5	43.8	30.3	53.6	32.6	74.7	38.6
FLUORIDE	4	1.5	NC	1.5	NC	0.374	0.326	0.462	0.458	0.459	0.449	0.466	0.47	0.432	0.542 J	0.4
NITRATE	44.3	58	NC	580	NC	18.9 J	16.4 J	23.8	22.9 J	20.2	21.2	22.4 J	22.4 J	25	28.6 J	21.4 J
SULFATE	NC	NC	NC	NC	NC	29.5	29.9	41.4	47.6	39.4	35.8	37.4	39.1	42.3	47.7	35.8
Field Parameters																
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.3	0.11	0.12	0.15	0.12	0.1	0.1	0.03	0.08	0.14	0.08
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	9.71	10.21	9.19	9.53	9.83	9.55	9.03	9.3	8.26	9.79	8.2
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	411	467	5	516	548	558	533	333	445	440	611
PH (S.U.)	NC	NC	NC	NC	NC	7.56	7.45	7.38	7.22	7.13	7.39	7.55	7.53	7.45	7.27	7.11
SALINITY (%)	NC	NC	NC	NC	NC	0	0	0	0.1	0	0.1	0	0	0.02	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.73	0.832	0.92	1.13	1	1.1	0.827	1	0.797	1.09	0.9
TEMPERATURE (C)	NC	NC	NC	NC	NC	14.6	14.67	17	16.24	15.78	18.1	16.35	13.13	14.75	14.33	19.26
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC				0.7							
TURBIDITY (NTU)	NC	NC	NC	NC	NC	110	0	2	0	6.4	6	4	2.3	0.2	12.2	

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation Tap Water RSL
[NC]-Exceeds 10x Noncancer Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE3.2-3

STUDY AREA 02
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1817	1838	2110	2151	FQ07
Sample ID						1817TW002	1838TW001	2110TW001	2151TW001	FQ07TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	GOVERNMENT
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090509	20081015	20090226	20090427	20081217
Study Area						STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID						6302044108162	6303336320196	6300553004232	6300636091152	203
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level										
Blank Cells indicate that parameter was not analyzed.										
Dioxins/Furans (NG/L)										
1,2,3,4,6,7,8,9-OCDD	NC	1.7	170	NC	NC		0.0035 U	0.0062 U	0.0037 U	0.0021 U
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC		0.00084 U	0.001 U	0.024 J	0.000621 UJ
1,2,3,4,6,7,8-HPCDF	NC	0.052	5.2	NC	NC		0.001 U	0.0013 U	0.0044 U	0.0003 UJ
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC		0.000741 U	0.00041 U	0.00075 U	0.0005 J
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC		0.000613 U	0.00051 U	0.00027 U	0.00035 UJ
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC		0.000383 U	0.000203 U	0.0014 U	0.000273 UJ
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC		0.00054 U	0.000433 U	0.00022 U	0.0003 UJ
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC		0.00031 U	0.00018 U	0.00063 U	0.000223 UJ
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC		0.00054 U	0.000433 U	0.00022 U	0.00032 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC		0.000434 U	0.00023 U	0.00046 J	0.0003 UJ
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC		0.000562 U	0.00056 U	0.00048 J	0.00085 UJ
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC		0.000434 U	0.00023 U	0.0014 U	0.0007 UJ
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC		0.000383 U	0.000203 U	0.00055 J	0.000273 UJ
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC		0.000383 U	0.00031 J	0.00031 U	0.0004 J
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC		0.00023 U	0.00013 U	0.00068 U	0.00035 U
TEQ	NC	0.00052	0.052	0.37	NC		0.000383 U	0.00031	**0.000588 [R]**	0.000405
TOTAL HPCDD	NC	NC	NC	NC	NC		0.0012 J	0.0026 J	0.0014 J	0.0012 J
TOTAL HPCDF	NC	NC	NC	NC	NC		0.0013 U	0.0015 J	0.0077 J	0.000721 J
TOTAL HXCDD	NC	NC	NC	NC	NC		0.0017 U	0.0014 U	0.0007 U	0.000944 UJ
TOTAL HXCDF	NC	NC	NC	NC	NC		0.001508 U	0.00082 U	0.0031 J	0.0011 UJ
TOTAL PECDD	NC	NC	NC	NC	NC		0.000562 U	0.00056 U	0.00048 J	0.00085 UJ
TOTAL PECDF	NC	NC	NC	NC	NC		0.00087 U	0.00064 J	0.0024 J	0.001417 UJ
TOTAL TCDD	NC	NC	NC	NC	NC		0.0012 U	0.00094 J	0.0016 U	0.00097 UJ
TOTAL TCDF	NC	NC	NC	NC	NC		0.00031 U	0.000254 U	0.0012 J	0.0005 J
Volatile Organics (UG/L)										
1,1,1-TRICHLOROETHANE	200	9100	NC	91000	10000		0.17 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	NC	2.4	240	73000	3		0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	7	340	NC	3400	420		0.131 J	0.14 U	0.439 J	0.14 U
1,4-DICHLOROBENZENE	75	0.43	43	17000	0.44		0.07 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC		**0.171 J [R]**	**0.226 J [R]**	0.1 U	**0.176 J [R]**
BROMOFORM	80	8.5	850	7300	NC		5.65	4.92	3.93	3.95
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC		**0.746**	**1.01 [R]**	**1.04 [R]**	**0.805 [R]**
CHLOROFORM	80	0.19	19	1300	0.21		**0.212 J [R][INH]**	**0.298 J [R][INH]**	**0.282 J [R][INH]**	0.09 U
CIS-1,2-DICHLOROETHENE	70	370	NC	3700	NC		0.257 J	0.283 J	0.1 U	0.185 J
N-BUTYLBENZENE	NC	NC	NC	NC	NC		0.05 U	0.07 U	0.07 U	0.07 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82		**0.272 J [R]**	**0.384 J [R]**	**0.412 J [R]**	**0.223 J [R]**
TRANS-1,2-DICHLOROETHENE	100	110	NC	1100	130		0.15 U	0.11 U	0.11 U	0.11 U
TRICHLOROETHENE	5	2	200	NC	2.4		0.481 J	0.681 J	0.828 J	0.487 J
Semivolatile Organics (UG/L)										
BAP EQUIVALENT	NC	0.0029	0.29	NC	NC		0.104 U			0.103 U
BENZO(B)FLUORANTHENE	NC	0.029	2.9	NC	NC		0.104 U			0.103 U
BENZO(G,H,I)PERYLENE	NC	1100	NC	11000	NC		0.104 U			0.103 U
DIBENZO(A,H)ANTHRACENE	NC	0.0029	0.29	NC	NC		0.104 U			0.103 U
INDENO(1,2,3-CD)PYRENE	NC	0.029	2.9	NC	NC		0.104 U			0.103 U
Radiological Parameters (PCI/L)										
GROSS ALPHA	15	NC	NC	NC	NC		1.4 U	2.86 U	2.75 U	1.9
GROSS BETA	8	NC	NC	NC	NC		**13.2 [F]**	**13.4 [F]**	**11.9 [F]**	**12.4 [F]**
Inorganics (UG/L)										
ALUMINUM	NC	37000	NC	370000	NC		6.1	26.8	11.7 U	2.2 U
ANTIMONY	6	15	NC	150	NC		0.195	0.198	0.14 U	0.389
ARSENIC	10	0.045	4.5	110	NC		**2.81 [R]**	**8.6 [R][C]**	**2.63 [R]**	**4.06 [R]**
BARIUM	2000	7300	NC	73000	NC		17.2	16.2	13.8	15.1 J

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation Tap Water RSL
[NC]-Exceeds 10x Noncancer Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE3.2-3

STUDY AREA 02
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1817	1838	2110	2151	FQ07
Sample ID						1817TW002	1838TW001	2110TW001	2151TW001	FQ07TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	GOVERNMENT
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090509	20081015	20090226	20090427	20081217
Study Area						STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID						6302044108162	6303336320196	6300553004232	6300636091152	203
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level										
Blank Cells indicate that parameter was not analyzed.										
BERYLLIUM	4	73	NC	730	NC		0.0332	0.0353	0.087 U	0.03 U
CADMIUM	5	18	NC	180	NC		0.106	0.106	0.04 U	0.0419
CALCIUM	NC	NC	NC	NC	NC		131	106	96	109
CHROMIUM	100	NC	NC	NC	NC		0.15 U	0.794	0.301 U	0.562 U
COBALT	NC	11	NC	110	NC		0.0949	0.206	0.0965	0.446
COPPER	1300	1500	NC	15000	NC		157	152	28.2	91.6 J
IRON	NC	26000	NC	260000	NC		52.8	48.4	21.2	26 J
LEAD	15	NC	NC	NC	NC		5.41	**24.1 [F]**	1.87	1.99 J
MAGNESIUM	NC	NC	NC	NC	NC		30.1	23.1	21.1	23.9
MANGANESE	NC	880	NC	8800	NC		29.7	46.2	40.2	11.6 J
MERCURY	2	0.57	NC	5.7	0.63		0.015 U	0.029	0.049	0.015
NICKEL	NC	730	NC	7300	NC		9.92	15.1	1.35	2.84 J
POTASSIUM	NC	NC	NC	NC	NC		13.9	15.1	12.5	12.3
SELENIUM	50	180	NC	1800	NC		0.564 U	0.485	0.505	0.296
SILVER	NC	180	NC	1800	NC		0.12 U	0.427 U	0.12 U	0.12 U
SODIUM	NC	NC	NC	NC	NC		29.1	23.6	19.1	22.2
THALLIUM	2	NC	NC	NC	NC		0.423 U	0.352 U	0.04 U	0.04 U
TIN	NC	22000	NC	220000	NC		0.308	1.98	0.244	0.1 U
URANIUM	30	110	1.63	163	1100		**4.21**	**4.62**	**3.71**	**3.59**
VANADIUM	NC	180	NC	2600	NC		1 U	3.97	1.58	2.03
ZINC	NC	11000	NC	110000	NC		300	346	41.5	480 J
Microbiological Parameters										
PLATE COUNT	500	NC	NC	NC	NC					
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC		1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)										
CHLORIDE	NC	NC	NC	NC	NC		40.9	33.3	25.7	27.3
FLUORIDE	4	1.5	NC	1.5	NC		0.433	0.457	0.432	0.371
NITRATE	44.3	58	NC	580	NC		21.5	26.6 J	20.4	14.6
SULFATE	NC	NC	NC	NC	NC		39	42.4	33.5	25.9
Field Parameters										
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.16	0.12	0.11	0.14	0.04
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	6.7	10.29	8.04	6.83	9.51
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	528	455	538	525	331
PH (S.U.)	NC	NC	NC	NC	NC	7.49	6.88	7.46	7.43	7.34
SALINITY (%)	NC	NC	NC	NC	NC	0.02	0	0	0.02	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.882	1	0.87	0.692	0.862
TEMPERATURE (C)	NC	NC	NC	NC	NC	21.59	16.53	13.26	17.49	19.04
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC					0.55
TURBIDITY (NTU)	NC	NC	NC	NC	NC	0	27.8	0	0	0

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation Tap Water RSL
[NC]-Exceeds 10x Noncancer Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE 3.2-4

STUDY AREA 02
TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)																
1,2,3,4,6,7,8,9-OCDD	1/23	--	NC	0	1.7	0	170	--	NC	--	NC	0.0048 J	0.0048 J	0.000851 - 0.011	0.0048	0.0026
1,2,3,4,6,7,8,9-OCDF	4/23	--	NC	0	1.7	0	170	--	NC	--	NC	0.0008 J	0.024 J	0.00032 - 0.0025	0.0071	0.0017
1,2,3,4,6,7,8-HPCDF	1/23	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.00087 J	0.00087 J	0.00024 - 0.0044	0.0009	0.0005
1,2,3,4,7,8,9-HPCDF	6/23	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.00017 J	0.0005 J	0.00017 - 0.00099	0.0003	0.0003
1,2,3,4,7,8-HXCDD	1/23	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.000214 J	0.000214 J	0.000233 - 0.00077	0.0002	0.0002
1,2,3,4,7,8-HXCDF	3/23	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00024 J	0.00043 J	0.000122 - 0.0014	0.0004	0.0002
1,2,3,4,7,8-HXCDF	3/23	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00024 J	0.00043 J	0.000122 - 0.0014	0.0004	0.0002
1,2,3,6,7,8-HXCDD	1/23	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.000273 J	0.000273 J	0.000191 - 0.00067	0.0003	0.0002
1,2,3,6,7,8-HXCDF	3/23	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00012 J	0.00042 J	0.00017 - 0.00063	0.0003	0.0002
1,2,3,7,8,9-HXCDD	3/23	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00032 J	0.00048 J	0.000191 - 0.00067	0.0004	0.0002
1,2,3,7,8,9-HXCDF	3/23	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00031 J	0.00046 J	0.00015 - 0.000624	0.0004	0.0002
1,2,3,7,8-PECDD	3/23	--	NC	0	0.00052	0	0.052	--	NC	--	NC	0.00035 J	0.00067 J	0.00029 - 0.001509	0.0004	0.0003
1,2,3,7,8-PECDF	1/23	--	NC	0	0.017	0	1.7	--	NC	--	NC	0.00031 J	0.00081 J	0.00021 - 0.0014	0.0006	0.0003
2,3,4,6,7,8-HXCDF	3/23	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00033 J	0.00058 J	0.000122 - 0.00055	0.0005	0.0002
2,3,7,8-TCDD	8/23	0	0.03	1	0.00052	0	0.052	0	0.37	--	NC	0.00024 J	0.00073 J	0.00023 - 0.00071	0.0004	0.0003
2,3,7,8-TCDF	1/23	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00034 J	0.00092 J	0.00013 - 0.00094	0.0006	0.0002
TEQ	20/23	--	NC	4	0.00052	0	0.052	0	0.37	--	NC	0.00000054	0.00082401	0.00026 - 0.000383	0.0002	0.0002
TOTAL HPCDD	23/23	--	NC	--	NC	--	NC	--	NC	--	NC	0.000331 J	0.0071 J	-	0.0021	0.0021
TOTAL HPCDF	18/23	--	NC	--	NC	--	NC	--	NC	--	NC	0.00059 J	0.0077 J	0.00065 - 0.001727	0.0019	0.0016
TOTAL HXCDD	3/23	--	NC	--	NC	--	NC	--	NC	--	NC	0.00083 J	0.0013 J	0.0006 - 0.0021	0.0010	0.0006
TOTAL HXCDF	8/23	--	NC	--	NC	--	NC	--	NC	--	NC	0.0011 J	0.0031 J	0.000491 - 0.0022	0.0017	0.0010
TOTAL PECDD	4/23	--	NC	--	NC	--	NC	--	NC	--	NC	0.00035 J	0.00067 J	0.00029 - 0.001509	0.0005	0.0004
TOTAL PECDF	10/23	--	NC	--	NC	--	NC	--	NC	--	NC	0.00051 J	0.0024 J	0.00074 - 0.0028	0.0011	0.0008
TOTAL TCDD	6/23	--	NC	--	NC	--	NC	--	NC	--	NC	0.00094 J	0.0015 J	0.000664 - 0.002118	0.0012	0.0007
TOTAL TCDF	11/23	--	NC	--	NC	--	NC	--	NC	--	NC	0.00032 J	0.0017 J	0.000254 - 0.00096	0.0008	0.0005
Field Parameters																
CHLORINE (MG/L)	25/25	0	4	0	3.7	--	NC	0	37	--	NC	0.03	0.3	-	0.12	0.12
DISSOLVED OXYGEN (MG/L)	25/25	--	NC	--	NC	--	NC	--	NC	--	NC	6.7	11.4	-	9.09	9.09
OXIDATION REDUCTION POTENTIAL (MV)	25/25	--	NC	--	NC	--	NC	--	NC	--	NC	5	611	-	479.84	479.84
PH (S.U.)	25/25	--	NC	--	NC	--	NC	--	NC	--	NC	6.88	7.56	-	7.33	7.33
SALINITY (%)	25/25	--	NC	--	NC	--	NC	--	NC	--	NC	0	0.1	-	0.01	0.01
SPECIFIC CONDUCTANCE (MS/CM)	25/25	--	NC	--	NC	--	NC	--	NC	--	NC	0.692	1.13	-	0.93	0.93
TEMPERATURE (C)	25/25	--	NC	--	NC	--	NC	--	NC	--	NC	13.13	21.59	-	16.27	16.27
TOTAL DISSOLVED SOLIDS	4/4	--	NC	--	NC	--	NC	--	NC	--	NC	0.55	0.7	-	0.66	0.66
TURBIDITY (NTU)	24/24	--	NC	--	NC	--	NC	--	NC	--	NC	0	110	-	8.56	8.56
Inorganics (UG/L)																
ALUMINUM	17/23	--	NC	0	37000	--	NC	0	370000	--	NC	2.55	26.8	2.2 - 11.7	7.6	6.1
ANTIMONY	12/23	0	6	0	15	--	NC	0	150	--	NC	0.14	2.17	0.14 - 0.14	0.5	0.3
ARSENIC	23/23	0	10	23	0.045	13	4.5	0	110	--	NC	2.27	9.95	-	5.0	5.0
BARIUM	23/23	0	2000	0	7300	--	NC	0	73000	--	NC	8.59	20.9	-	16.2	16.2
BERYLLIUM	6/23	0	4	0	73	--	NC	0	730	--	NC	0.0332	0.0559	0.03 - 0.0953	0.0	0.0
CADMIUM	10/23	0	5	0	18	--	NC	0	180	--	NC	0.0419	0.438	0.04 - 0.04	0.1	0.1
CALCIUM	21/21	--	NC	--	NC	--	NC	--	NC	--	NC	94.4	137	-	117.8	117.8
CHROMIUM	12/23	0	100	--	NC	--	NC	--	NC	--	NC	0.383	9.79	0.15 - 1.65	1.5	0.9
COBALT	22/23	--	NC	0	11	--	NC	0	110	--	NC	0.0346	0.446	0.03 - 0.0834	0.1	0.1
COPPER	23/23	0	1300	0	1500	--	NC	0	15000	--	NC	7.73	499	-	112.0	112.0
IRON	20/23	--	NC	0	26000	--	NC	0	260000	--	NC	5.67	481	4.7 - 4.7	103.8	90.5
LEAD	23/23	2	15	--	NC	--	NC	--	NC	--	NC	0.366	106	-	9.0	9.0
MAGNESIUM	21/21	--	NC	--	NC	--	NC	--	NC	--	NC	21.1	32	-	26.8	26.8
MANGANESE	23/23	--	NC	0	880	--	NC	0	8800	--	NC	0.526	103	-	26.5	26.5
MERCURY	16/23	0	2	0	0.57	--	NC	0	5.7	0	0.63	0.015	0.167	0.015 - 0.015	0.0	0.0
NICKEL	23/23	--	NC	1	730	--	NC	0	7300	--	NC	0.825	2020	-	95.0	95.0
POTASSIUM	21/21	--	NC	--	NC	--	NC	--	NC	--	NC	5.63	18.7	-	13.4	13.4
SELENIUM	19/23	0	50	0	180	--	NC	0	1800	--	NC	0.272	0.527	0.2 - 0.797	0.4	0.4
SILVER	4/23	--	NC	0	180	--	NC	0	1800	--	NC	0.142	0.352	0.12 - 0.427	0.3	0.1
SODIUM	21/21	--	NC	--	NC	--	NC	--	NC	--	NC	16.7	37	-	26.1	26.1
THALLIUM	2/23	0	2	0	NC	--	NC	0	NC	--	NC	0.129	0.87	0.04 - 0.692	0.6	0.1
TIN	16/23	--	NC	0	22000	--	NC	0	220000	--	NC	0.142	112	0.1 - 0.422	7.4	5.2
URANIUM	23/23	0	30	22	1.63	0	163	0	1100	--	NC	0.552	6.29	-	4.3	4.3
VANADIUM	21/23	--	NC	0	180	--	NC	0	2600	--	NC	1.15	7.5	1 - 1	3.3	3.1
ZINC	22/23	--	NC	0	11000	--	NC	0	110000	--	NC	12.3	4380	18.8 - 18.8	555.6	531.8

NC-No Criteria
J-Estimated value\

TABLE 3.2-4

STUDY AREA 02
TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Microbiological Parameters																
PLATE COUNT (CFU/1)	1/2	0	500	--	NC	--	NC	--	NC	--	NC	2	2	0 - 0	2.0	1.0
TOTAL COLIFORM (CFU/100)	1/23	1	0	--	NC	--	NC	--	NC	--	NC	7.5	7.5	1 - 1	7.5	0.8
Miscellaneous Parameters (MG/L)																
CHLORIDE	23/23	--	NC	--	NC	--	NC	--	NC	--	NC	18.7	74.7	-	38.57	38.57
FLUORIDE	23/23	0	4	--	1.5	--	NC	--	15	--	NC	0.289	0.542 J	-	0.43	0.43
NITRATE	23/23	0	44.3	0	58	--	NC	0	580	--	NC	14.1	28.6 J	-	20.79	20.79
SULFATE	23/23	--	NC	--	NC	--	NC	--	NC	--	NC	25.2	47.7	-	37.60	37.60
Semivolatile Organics (UG/L)																
BAP EQUIVALENT	1/15	--	NC	1	0.0029	0	0.29	--	NC	--	NC	0.2467	0.2467	0.0952 - 0.108	0.247	0.063
BENZO(B)FLUORANTHENE	1/15	--	NC	1	0.029	0	2.9	--	NC	--	NC	0.115 J	0.115 J	0.0952 - 0.108	0.115	0.054
BENZO(G,H,I)PERYLENE	1/15	--	NC	0	1100	--	NC	0	11000	--	NC	0.176 J	0.176 J	0.0952 - 0.108	0.176	0.059
DIBENZO(A,H)ANTHRACENE	1/15	--	NC	1	0.0029	0	0.29	--	NC	--	NC	0.217 J	0.217 J	0.0952 - 0.108	0.217	0.061
INDENO(1,2,3-CD)PYRENE	1/15	--	NC	1	0.029	0	2.9	--	NC	--	NC	0.182 J	0.182 J	0.0952 - 0.108	0.182	0.059
Volatile Organics (UG/L)																
1,1,1-TRICHLOROETHANE	6/23	0	200	0	9100	--	NC	0	91000	0	10000	0.15 J	0.266 J	0.1 - 0.17	0.20	0.10
1,1-DICHLOROETHANE	1/23	--	NC	0	2.4	0	240	0	73000	0	3	0.109 J	0.109 J	0.1 - 0.1	0.11	0.05
1,1-DICHLOROETHENE	17/23	0	7	0	340	--	NC	0	3400	0	420	0.131 J	0.461 J	0.13 - 0.14	0.28	0.23
1,4-DICHLOROBENZENE	1/23	0	75	0	0.43	0	43	0	17000	0	0.44	0.0978 J	0.0978 J	0.07 - 0.1	0.10	0.05
BROMODICHLOROMETHANE	18/23	0	80	18	0.12	0	12	0	7300	--	NC	0.135 J	0.31 J	0.1 - 0.1	0.22	0.18
BROMOFORM	23/23	0	80	0	8.5	0	850	0	7300	--	NC	2.77	7.4 J	-	4.44	4.44
CHLORODIBROMOMETHANE	23/23	0	80	23	0.15	0	15	0	7300	--	NC	0.52	2.06 J	-	1.01	1.01
CHLOROFORM	17/23	0	80	17	0.19	0	19	0	1300	17	0.21	0.212 J	0.353	0.09 - 0.09	0.26	0.21
CIS-1,2-DICHLOROETHENE	18/23	0	70	0	370	--	NC	0	3700	--	NC	0.185 J	0.519 J	0.1 - 0.13	0.32	0.26
N-BUTYLBENZENE	1/23	--	NC	--	NC	--	NC	--	NC	--	NC	0.0644 J	0.0644 J	0.05 - 0.07	0.06	0.03
TETRACHLOROETHENE	20/23	0	5	20	0.11	0	11	0	2200	0	0.82	0.223 J	0.468 J	0.1 - 0.306	0.33	0.30
TRANS-1,2-DICHLOROETHENE	1/23	0	100	0	110	--	NC	0	1100	0	130	0.161 J	0.161 J	0.11 - 0.15	0.16	0.07
TRICHLOROETHENE	23/23	0	5	0	2	0	20	--	NC	0	2.4	0.458 J	1.19	-	0.76	0.76
Radiological Parameters (PCI/L)																
GROSS ALPHA	14/23	0	15	--	NC	--	NC	--	NC	--	NC	1.6	5.4	1.4 - 2.97	2.61	2.05
GROSS BETA	23/23	22	8	--	NC	--	NC	--	NC	--	NC	6.99	20.8	-	14.51	14.51

NC-No Criteria
J-Estimated value\

TABLE 3.2-5

STUDY AREA 02
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1788	1817
Sample ID		1788SS0010006	1817SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II
Sample Date	[R]	20090116	20090115
Study Area		STUDY AREA 02	STUDY AREA 02
Premise ID		6301609054244	6302044108162
Likely Water Source		PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level			
Dioxins/Furans (NG/KG)			
1,2,3,4,6,7,8,9-OCDD	15000	2.8 U	67
1,2,3,4,6,7,8,9-OCDF	15000	0.57 U	5.3 J
1,2,3,4,6,7,8-HPCDD	450	0.73 U	10
1,2,3,4,6,7,8-HPCDF	450	0.34 U	6.4 J
1,2,3,4,7,8,9-HPCDF	450	0.13 U	0.56 J
1,2,3,4,7,8-HXCDD	45	0.1 U	1.3 J
1,2,3,4,7,8-HXCDF	45	0.11 U	4.6
1,2,3,6,7,8-HXCDD	45	0.14 U	0.83 J
1,2,3,6,7,8-HXCDF	45	0.095 U	1.6 J
1,2,3,7,8,9-HXCDD	45	0.098 J	0.61 J
1,2,3,7,8-PECDD	4.5	0.19 U	0.66 J
1,2,3,7,8-PECDF	150	0.1 J	2.2
2,3,4,6,7,8-HXCDF	45	0.11 J	1.7 J
2,3,4,7,8-PECDF	15	0.11 U	1.7
2,3,7,8-TCDD	4.5	0.11 U	0.17 J
2,3,7,8-TCDF	45	0.12 U	1.8
TEQ	4.5	0.024	2.84
TOTAL HPCDD	NC	1.4 J	19
TOTAL HPCDF	NC	0.8 J	14 J
TOTAL HXCDD	NC	0.4 J	10 J
TOTAL HXCDF	NC	0.37 J	21 J
TOTAL PECDD	NC	0.19 J	6.8 J
TOTAL PECDF	NC	0.21 J	22
TOTAL TCDD	NC	0.35 J	5.5
TOTAL TCDF	NC	0.23 J	27
Volatile Organics (MG/KG)			
ACETONE	61000	0.0157 J	0.00813 U
TOLUENE	5000	0.0249	0.000701 U
Semivolatile Organics (MG/KG)			
ANTHRACENE	17000	0.047 J	0.0167 U
BAP EQUIVALENT	0.015	**0.147606 [R]**	**0.106316 [R]**
BENZO(A)ANTHRACENE	0.15	0.0873 J	0.0593 J
BENZO(A)PYRENE	0.015	**0.106 J [R]**	**0.0912 J [R]**
BENZO(K)FLUORANTHENE	1.5	0.084 J	0.0834 J
CHRYSENE	15	0.106 J	0.0823 J
DI-N-BUTYL PHTHALATE	6100	0.0563 J	0.0598 U
DIBENZO(A,H)ANTHRACENE	0.015	**0.0236 J [R]**	0.025 U
FLUORANTHENE	2300	0.145 J	0.0528 J
INDENO(1,2,3-CD)PYRENE	0.15	0.0833 J	0.0827 J

NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Soil RSL

TABLE 3.2-5

STUDY AREA 02
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1788	1817
Sample ID		1788SS0010006	1817SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II
Sample Date	[R]	20090116	20090115
Study Area		STUDY AREA 02	STUDY AREA 02
Premise ID		6301609054244	6302044108162
Likely Water Source		PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level			
NAPHTHALENE	3.6	0.00786 J	0.00834 U
PHENANTHRENE	1700	0.0474 J	0.0417 U
PYRENE	1700	0.121 J	0.0485 J
Inorganics (MG/KG)			
ALUMINUM	77000	24800	37600
ANTIMONY	31	0.801	1.36
ARSENIC	0.39	**8.27 [R]**	**12 [R]**
BARIUM	15000	307	305
BERYLLIUM	160	2.4	4.07
CADMIUM	70	0.373	0.593
CHROMIUM	120000	4.36	8.65
COBALT	23	5.67	6.4
COPPER	3100	60.9	121
IRON	55000	18400	21400
LEAD	400	48.1	126
MANGANESE	1800	467	589
MERCURY	5.6	0.193	0.128
NICKEL	1500	4.36	7.68
SELENIUM	390	0.186	0.158
SILVER	390	0.197	0.229
THALLIUM	NC	1.42	1.16
TIN	47000	4.9	6.17
VANADIUM	390	39.4	48
ZINC	23000	92.8	149

NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Soil RSL

TABLE 3.2-6

STUDY AREA 02
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/KG)								
1,2,3,4,6,7,8,9-OCDD	1/2	0	15000	67	67	2.8 - 2.8	67.00	34.20
1,2,3,4,6,7,8,9-OCDF	1/2	0	15000	5.3 J	5.3 J	0.57 - 0.57	5.30	2.79
1,2,3,4,6,7,8-HPCDD	1/2	0	450	10	10	0.73 - 0.73	10.00	5.18
1,2,3,4,6,7,8-HPCDF	1/2	0	450	6.4 J	6.4 J	0.34 - 0.34	6.40	3.29
1,2,3,4,7,8,9-HPCDF	1/2	0	450	0.56 J	0.56 J	0.13 - 0.13	0.56	0.31
1,2,3,4,7,8-HXCDD	1/2	0	45	1.3 J	1.3 J	0.1 - 0.1	1.30	0.68
1,2,3,4,7,8-HXCDF	1/2	0	45	4.6	4.6	0.11 - 0.11	4.60	2.33
1,2,3,6,7,8-HXCDD	1/2	0	45	0.83 J	0.83 J	0.14 - 0.14	0.83	0.45
1,2,3,6,7,8-HXCDF	1/2	0	45	1.6 J	1.6 J	0.095 - 0.095	1.60	0.82
1,2,3,7,8,9-HXCDD	2/2	0	45	0.098 J	0.61 J	-	0.35	0.35
1,2,3,7,8-PECDD	1/2	0	4.5	0.66 J	0.66 J	0.19 - 0.19	0.66	0.38
1,2,3,7,8-PECDF	2/2	0	150	0.1 J	2.2	-	1.15	1.15
2,3,4,6,7,8-HXCDF	2/2	0	45	0.11 J	1.7 J	-	0.91	0.91
2,3,4,7,8-PECDF	1/2	0	15	1.7	1.7	0.11 - 0.11	1.70	0.88
2,3,7,8-TCDD	1/2	0	4.5	0.17 J	0.17 J	0.11 - 0.11	0.17	0.11
2,3,7,8-TCDF	1/2	0	45	1.8	1.8	0.12 - 0.12	1.80	0.93
TEQ	2/2	0	4.5	0.024	2.84	-	1.43	1.43
TOTAL HPCDD	2/2	--	NC	1.4 J	19	-	10.20	10.20
TOTAL HPCDF	2/2	--	NC	0.8 J	14 J	-	7.40	7.40
TOTAL HXCDD	2/2	--	NC	0.4 J	10 J	-	5.20	5.20
TOTAL HXCDF	2/2	--	NC	0.37 J	21 J	-	10.69	10.69
TOTAL PECDD	2/2	--	NC	0.19 J	6.8 J	-	3.50	3.50
TOTAL PECDF	2/2	--	NC	0.21 J	22	-	11.11	11.11
TOTAL TCDD	2/2	--	NC	0.35 J	5.5	-	2.93	2.93
TOTAL TCDF	2/2	--	NC	0.23 J	27	-	13.62	13.62
Inorganics (MG/KG)								
ALUMINUM	2/2	0	77000	24800	37600	-	31200.0	31200.0
ANTIMONY	2/2	0	31	0.801	1.36	-	1.1	1.1
ARSENIC	2/2	2	0.39	8.27	12	-	10.1	10.1
BARIUM	2/2	0	15000	305	307	-	306.0	306.0
BERYLLIUM	2/2	0	160	2.4	4.07	-	3.2	3.2
CADMIUM	2/2	0	70	0.373	0.593	-	0.5	0.5
CHROMIUM	2/2	0	120000	4.36	8.65	-	6.5	6.5
COBALT	2/2	0	23	5.67	6.4	-	6.0	6.0
COPPER	2/2	0	3100	60.9	121	-	91.0	91.0

NC-No Criteria
J-Estimated Value

TABLE 3.2-6

STUDY AREA 02
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
IRON	2/2	0	55000	18400	21400	-	19900.0	19900.0
LEAD	2/2	0	400	48.1	126	-	87.1	87.1
MANGANESE	2/2	0	1800	467	589	-	528.0	528.0
MERCURY	2/2	0	5.6	0.128	0.193	-	0.2	0.2
NICKEL	2/2	0	1500	4.36	7.68	-	6.0	6.0
SELENIUM	2/2	0	390	0.158	0.186	-	0.2	0.2
SILVER	2/2	0	390	0.197	0.229	-	0.2	0.2
THALLIUM	2/2	0	NC	1.16	1.42	-	1.3	1.3
TIN	2/2	0	47000	4.9	6.17	-	5.5	5.5
VANADIUM	2/2	0	390	39.4	48	-	43.7	43.7
ZINC	2/2	0	23000	92.8	149	-	120.9	120.9
Semivolatile Organics (MG/KG)								
ANTHRACENE	1/2	0	17000	0.047 J	0.047 J	0.0167 - 0.0167	0.0470	0.0277
BAP EQUIVALENT	2/2	2	0.015	0.1063163	0.147606	-	0.1270	0.1270
BENZO(A)ANTHRACENE	2/2	0	0.15	0.0593 J	0.0873 J	-	0.0733	0.0733
BENZO(A)PYRENE	2/2	2	0.015	0.0912 J	0.106 J	-	0.0986	0.0986
BENZO(K)FLUORANTHENE	2/2	0	1.5	0.0834 J	0.084 J	-	0.0837	0.0837
CHRYSENE	2/2	0	15	0.0823 J	0.106 J	-	0.0942	0.0942
DI-N-BUTYL PHTHALATE	1/2	0	6100	0.0563 J	0.0563 J	0.0598 - 0.0598	0.0563	0.0431
DIBENZO(A,H)ANTHRACENE	1/2	1	0.015	0.0236 J	0.0236 J	0.025 - 0.025	0.0236	0.0181
FLUORANTHENE	2/2	0	2300	0.0528 J	0.145 J	-	0.0989	0.0989
INDENO(1,2,3-CD)PYRENE	2/2	0	0.15	0.0827 J	0.0833 J	-	0.0830	0.0830
NAPHTHALENE	1/2	0	3.6	0.00786 J	0.00786 J	0.00834 - 0.00834	0.0079	0.0060
PHENANTHRENE	1/2	0	1700	0.0474 J	0.0474 J	0.0417 - 0.0417	0.0474	0.0341
PYRENE	2/2	0	1700	0.0485 J	0.121 J	-	0.0848	0.0848
Volatile Organics (MG/KG)								
ACETONE	1/2	0	61000	0.0157 J	0.0157 J	0.00813 - 0.00813	0.01570	0.00988
TOLUENE	1/2	0	5000	0.0249	0.0249	0.000701 - 0.000701	0.02490	0.01263

NC-No Criteria
J-Estimated Value

TABLE 3.3-1

STUDY AREA 03
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0479	1989	2044	2045	2079	2106	2108	2111	2112	2140
Sample ID		0479SG001	1989SG001	2044SG001	2045SG001	2079SG001	2106SG001	2108SG001	2111SG001	2112SG001	2140SG001
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090114	20090219	20090123	20090115	20090203	20090225	20090228	20090314	20090318	20090408
Study Area		STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 01
Premise ID		6312709602120	6366513820399	6339966206272	6340270302460	6112402402226	6337201102111	636653300212276	6340270302128	6338420302200	6340293002650
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level											
Volatile Organics (UG/M3)											
1,1,1-TRICHLOROETHANE	52000	0.151 J	0.473	0.15 U	0.15 U	0.193 J	0.15 U	0.15 U	0.15 U	3.18	8.48
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.623	0.08 U	0.709	0.611	0.615	0.572	0.517	0.394	4.95	1.38
1,2,3-TRICHLOROBENZENE	NC	0.4 U	1.97	4.05	0.4 U	0.4 U	1.76	1.68	0.4 U	0.4 U	0.4 U
1,2,4-TRICHLOROBENZENE	21	0.19 U	1.4	16.7 J	0.19 U	0.19 U	1.19	1.25	1.38	0.19 U	0.19 U
1,2,4-TRIMETHYLBENZENE	73	0.351	0.05 U	5.41	2.2	3.49	0.05 U	0.312	0.212	5.8	4.59
1,2-DICHLOROBENZENE	2100	0.1 U	0.158 J	0.708	0.901	0.1 U	0.142 J	0.163 J	0.156 J	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	**2.54 [R]**	0.477	1.53	**2.84 [R]**	1.38	0.438	**11.8 [R]**	0.09 U	1.16	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	NC	2.92	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	NC	0.109 J	0.175 J	1.71	0.665	1.14	0.187 J	0.158 J	0.115 J	0.05 U	0.506 J
1,3-BUTADIENE	0.81	0.49 U	0.49 U	0.508 J	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.588 J	0.49 U
1,3-DICHLOROBENZENE	NC	0.09 U	0.127 J	0.09 U	0.09 U	0.09 U	0.123 J	0.138 J	0.154 J	0.09 U	0.09 U
1,4-DICHLOROBENZENE	2.2	0.09 U	0.484	0.09 U	0.09 U	0.09 U	0.49	0.866	0.09 U	0.09 U	0.09 U
2-BUTANONE	52000	2.19	0.701	6.69	23.3	27.3	1.26	0.941	0.865	60.5	0.972
ACETONE	320000	17.6	3.89	71.2	163	36	9.43	5.52	4.01	269	6.72
ACETONITRILE	630	0.497 J	0.38 U	0.402 J	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	1.81	0.38 U
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.5 J
ACROLEIN	0.21	**1.35 [R]**	0.41 U	**0.851 J [R]**	0.41 U	0.41 U	**0.7 J [R]**	**0.788 J [R]**	0.41 U	0.41 U	0.41 U
ACRYLONITRILE	0.36	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.699 [R]**	0.2 U
BENZENE	3.1	2.41	0.852	**18.8 [R]**	**6.32 [R]**	**15.2 [R]**	2.72	0.172 J	0.489	**9.19 [R]**	**3.42 [R]**
CARBON DISULFIDE	7300	3.15	0.453	1.78	7.33	0.292	0.685	0.1 U	0.1 U	1.96	1.34
CARBON TETRACHLORIDE	1.6	0.13 U	0.13 U	0.13 U	0.398	0.13 U	0.13 U	0.13 U	0.13 U	0.161 J	0.13 U
CHLOROETHANE	100000	0.11 U	0.11 U	0.11 U	0.11 U	0.692	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	1.1	0.541	**1.87 [R]**	0.374	0.16 J	0.11 U	0.11 U	0.117 J	**1.27 [R]**	**1.84 [R]**	**43.1 [R]**
CHLOROMETHANE	940	0.07 U	0.07 U	0.196 J	0.283	0.07 U	0.07 U	0.129 J	0.07 U	0.3	0.07 U
CYCLOHEXANE	63000	0.11 U	0.11 U	4.64	1.55	18.2	0.303	0.953	0.128 J	1.22	0.407
DICHLORODIFLUOROMETHANE	2100	2.18	1.72	2.44	2.31	2.99	0.18 U	8.51	1.06	7.19	6.49
ETHYLBENZENE	9.7	**60.4 [R]**	**28.5 [R]**	8.38	3.21	3.66	6.2	0.357	0.243 U	8.27	**26.8 [R]**
HEXACHLOROBUTADIENE	1.1	0.24 U	**1.58 [R]**	0.589	0.24 U	0.402 J	**1.4 [R]**	**1.37 [R]**	0.914	0.24 U	0.24 U
HEXANE	7300	0.466	0.419	27.9	1.59	118	0.376	0.187 J	0.236 J	2.06	1.64
ISOBUTANOL	NC	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.75 J	1.09	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	4200	0.6	0.07 U	1.04	0.473	0.07 U	0.273	0.07 U	0.07 U	0.07 U	2.54 J
M+P-XYLENES	7300	29.6	14.3	10.7	6.95	11.1	3.81	0.51	0.318 U	11.4	38
METHYL CYCLOHEXANE	NC	0.411	0.08 U	9.18	1.61	20.3	0.142 J	0.08 U	0.139 J	0.08 U	1.36
METHYL TERT-BUTYL ETHER	94	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	14.9	0.17 U
METHYLENE CHLORIDE	52	0.698	0.08 U	0.08 U	10.4	1.15	0.0891 J	0.08 U	0.08 U	0.319	0.08 U
O-XYLENE	7300	10.4	5.96	5.19	2.57	4.8	1.66	0.253	0.164 U	0.06 U	17
STYRENE	10000	371	139	1.96	0.856	1.11	42.4	1.44	0.229	32.6	224
TETRACHLOROETHENE	4.1	**4.87 [R]**	**20.2 [R]**	**7.49 [R]**	3.24	2.99	**4.67 [R]**	2.02 J	1.45 U	**157 [R]**	**19.5 [R]**
TOLUENE	52000	4.74	2.61	25.2	14.3	34.9	3.18	1.12	0.541 U	27.3	12.6
TRICHLOROETHENE	12	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	4.34	0.08 U
TRICHLOROFLUOROMETHANE	7300	1.52	1.62	2.04	1.82	7.17	2.32	3.74	3.78	338	27.8

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that level
[R]-Exceeds Soil Gas RSL

TABLE 3.3-2

STUDY AREA 03
SOIL GAS - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil Gas RSL	Soil Gas RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Volatile Organics (UG/M3)								
1,1,1-TRICHLOROETHANE	5/10	0	52000	0.151 J	8.48	0.15 - 0.15	2.50	1.29
1,1,2-TRICHLOROTRIFLUOROETHANE	9/10	0	310000	0.394	4.95	0.08 - 0.08	1.15	1.04
1,2,3-TRICHLOROBENZENE	4/10	--	NC	1.68	4.05	0.4 - 0.4	2.37	1.07
1,2,4-TRICHLOROBENZENE	5/10	0	21	1.19	16.7 J	0.19 - 0.19	4.38	2.24
1,2,4-TRIMETHYLBENZENE	8/10	0	73	0.212	5.8	0.05 - 0.05	2.80	2.24
1,2-DICHLOROBENZENE	6/10	0	2100	0.142 J	0.901	0.1 - 0.1	0.37	0.24
1,2-DICHLOROPROPANE	8/10	3	2.4	0.438	11.8	0.09 - 0.09	2.77	2.23
1,2-DICHLOROTETRAFLUOROETHANE	1/10	--	NC	2.92	2.92	0.26 - 0.26	2.92	0.41
1,3,5-TRIMETHYLBENZENE	9/10	0	NC	0.109 J	1.71	0.05 - 0.05	0.53	0.48
1,3-BUTADIENE	2/10	0	0.81	0.508 J	0.588 J	0.49 - 0.49	0.55	0.31
1,3-DICHLOROBENZENE	4/10	--	NC	0.123 J	0.154 J	0.09 - 0.09	0.14	0.08
1,4-DICHLOROBENZENE	3/10	0	2.2	0.484	0.866	0.09 - 0.09	0.61	0.22
2-BUTANONE	10/10	0	52000	0.701	60.5	-	12.47	12.47
ACETONE	10/10	0	320000	3.89	269	-	58.64	58.64
ACETONITRILE	3/10	0	630	0.402 J	1.81	0.38 - 0.38	0.90	0.40
ACETOPHENONE	1/10	--	NC	1.5 J	1.5 J	1.02 - 1.02	1.50	0.61
ACROLEIN	4/10	4	0.21	0.7 J	1.35	0.41 - 0.41	0.92	0.49
ACRYLONITRILE	1/10	1	0.36	0.699	0.699	0.2 - 0.2	0.70	0.16
BENZENE	10/10	5	3.1	0.172 J	18.8	-	5.96	5.96
CARBON DISULFIDE	8/10	0	7300	0.292	7.33	0.1 - 0.1	2.12	1.71
CARBON TETRACHLORIDE	2/10	0	1.6	0.161 J	0.398	0.13 - 0.13	0.28	0.11
CHLOROETHANE	1/10	0	100000	0.692	0.692	0.11 - 0.11	0.69	0.12
CHLOROFORM	8/10	4	1.1	0.117 J	43.1	0.11 - 0.11	6.16	4.94
CHLOROMETHANE	4/10	0	940	0.129 J	0.3	0.07 - 0.07	0.23	0.11
CYCLOHEXANE	8/10	0	63000	0.128 J	18.2	0.11 - 0.11	3.43	2.75
DICHLORODIFLUOROMETHANE	9/10	0	2100	1.06	8.51	0.18 - 0.18	3.88	3.50
ETHYLBENZENE	9/10	3	9.7	0.357	60.4	0.243 - 0.243	16.20	14.59
HEXACHLOROBUTADIENE	6/10	3	1.1	0.402 J	1.58	0.24 - 0.24	1.04	0.67
HEXANE	10/10	0	7300	0.187 J	118	-	15.29	15.29
ISOBUTANOL	2/10	--	NC	0.75 J	1.09	0.46 - 0.46	0.92	0.37
ISOPROPYLBENZENE	5/10	0	4200	0.273	2.54 J	0.07 - 0.07	0.99	0.51
M+P-XYLENES	9/10	0	7300	0.51	38	0.318 - 0.318	14.04	12.65
METHYL CYCLOHEXANE	7/10	--	NC	0.139 J	20.3	0.08 - 0.08	4.73	3.33
METHYL TERT-BUTYL ETHER	1/10	0	94	14.9	14.9	0.17 - 0.17	14.90	1.57
METHYLENE CHLORIDE	5/10	0	52	0.0891 J	10.4	0.08 - 0.08	2.53	1.29
O-XYLENE	8/10	0	7300	0.253	17	0.06 - 0.164	5.98	4.79
STYRENE	10/10	0	10000	0.229	371	-	81.46	81.46
TETRACHLOROETHENE	9/10	6	4.1	2.02 J	157	1.45 - 1.45	24.66	22.27
TOLUENE	9/10	0	52000	1.12	34.9	0.541 - 0.541	13.99	12.62
TRICHLOROETHENE	1/10	0	12	4.34	4.34	0.08 - 0.08	4.34	0.47
TRICHLOROFLUOROMETHANE	10/10	0	7300	1.52	338	-	38.98	38.98

NC-No Criteria
J-Estimated Value

TABLE 3.3-3

STUDY AREA 03
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0479	0479	0479	1989	2006	2030	2035	2035	2035	2044	2045
Sample ID						0479TW001	0479TW001-AVG	0479TW001-D	1989TW001	2006TW001	2030TW001	2035TW001	2035TW001-AVG	2035TW001-D	2044TW001	2045TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090114	20090114	20090114	20090219	20090126	20081126	20090120	20090120	20090120	20090123	20090115
Study Area						STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID						6312709602120	6312709602120	6312709602120	6366513820399	6300976004174	6305909018162	6336601504632	6336601504632	6336601504632	6339966206272	6340270302460
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening levels																
Blank Cells indicate that parameter was not analyzed.																
Dioxins/Furans (NG/L)																
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00034 J	0.00034 J	0.000344 U	0.00054 U	0.00027 U	0.0004 J	0.00064 U	0.000622 U	0.000603 U	0.00048 U	0.00075 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.000441 U	0.00039 J	0.00039 J	0.00029 U	0.00029 U	0.00055 U	0.00069 U	0.000502 U	0.000313 U	0.000403 U	0.000471 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00032 J	0.00032 J	0.00032 J	0.00044 U	0.00027 U	0.00021 U	0.00031 U	0.00031 U	0.00031 U	0.000303 U	0.00035 U
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00029 U	0.00039 U	0.00049 U	0.00039 U	0.00025 U	0.00019 U	0.00028 J	0.000208 J	0.00027 U	0.000252 U	0.0003 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.000761 U	0.000553 U	0.000344 U	0.00056 U	0.00086 U	**0.00097 J [R]**	0.000814 U	0.000818 U	0.000821 U	0.000883 U	0.0005 U
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.00047 J	0.000345 J	0.00022 J	0.00017 U	0.00049 U	0.00045 U	0.00056 U	0.00057 U	0.00058 U	0.000202 U	0.00045 J
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00022 U	0.00026 U	0.0003 U	0.0012 U	0.00027 U	0.00021 U	0.00031 J	0.00031 J	0.000313 U	0.000303 U	0.00035 U
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.001 J	0.00055 J	0.0002 U	0.00034 U	0.00059 U	0.00047 U	0.0011 U	0.00089 U	0.00068 U	0.0005 U	0.0003 J
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00039 J	0.000465 J	**0.00054 J [R]**	0.00044 U	0.00027 U	0.00024 U	0.00061 U	0.000645 U	0.00068 U	0.000252 U	0.000372 J
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.00049 J	0.00044 J	0.00039 J	0.00046 U	0.00022 U	0.00024 U	0.00041 U	0.000385 U	0.00036 U	0.00056 U	0.00035 J
TEQ	NC	0.00052	0.052	0.37	NC	**0.000789 [R]**	**0.000723 [R]**	**0.000657 [R]**	0.00044 U	0.00027 U	**0.000974 [R]**	0.000059	0.000059	0.00068 U	0.000252 U	0.000511
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0037 J	0.00315 J	0.0026 J	0.0023 J	0.0015 J	0.0014 J	0.0019 J	0.0019 J	0.0019 J	0.0014 J	0.0028 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0013 J	0.00125 J	0.0012 J	0.003 J	0.00098 J	0.001 J	0.0035 J	0.002025 J	0.0011 U	0.00098 J	0.001316 U
TOTAL HXCDD	NC	NC	NC	NC	NC	0.0012 J	0.00135 J	0.0015 J	0.00088 J	0.00081 U	0.0015 U	0.0019 U	0.001375 U	0.00085 U	0.00111 U	0.0013 U
TOTAL HXCDF	NC	NC	NC	NC	NC	0.00093 J	0.001115 J	0.0013 J	0.0019 J	0.0011 U	0.000853 U	0.001221 J	0.001221 J	0.0013 U	0.001211 U	0.0014 U
TOTAL PECDD	NC	NC	NC	NC	NC	0.000761 U	0.000553 U	0.000344 U	0.00056 U	0.00086 U	0.00097 J	0.000814 U	0.000818 U	0.000821 U	0.000883 U	0.0005 J
TOTAL PECDF	NC	NC	NC	NC	NC	0.0015 J	0.000947 J	0.000393 J	0.00044 J	0.00101 U	0.0009 U	0.0015 J	0.00105 J	0.0012 U	0.00061 J	0.00075 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.00081 U	0.000753 J	0.0011 J	0.001314 U	0.00081 U	0.000711 U	0.001832 U	0.00193 U	0.002028 U	0.00076 U	0.001117 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.00061 J	0.000565 J	0.00052 J	0.00073 J	0.00044 U	0.00038 U	0.00061 J	0.00063 J	0.00065 J	0.00066 J	0.00065 J
Volatile Organics (UG/L)																
1,1-DICHLOROETHANE	NC	2.4	240	73000	3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	7	340	NC	3400	420	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	**0.161 J [R]**	0.1055 J	0.1 U	0.1 U	**0.158 J [R]**	**0.282 J [R]**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMOFORM	80	8.5	850	7300	NC	1.33	1.32	1.31	0.356 J	0.594 J	3.45	4.95	5.04	5.13	0.06 U	1.6
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	**0.972 [R]**	**0.9575 [R]**	**0.943 [R]**	**0.188 J**	**0.241 J**	**0.922 [R]**	0.1 U	0.1 U	0.1 U	0.1 U	0.135 J
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.09 U	0.09 U	0.09 U	0.132 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,2-DICHLOROETHENE	70	370	NC	3700	NC	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.226 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.209 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.575 J	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	NC	1300	NC	13000	1500	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Semivolatile Organics (UG/L)																
1,1-BIPHENYL	NC	1800	NC	18000	NC	0.197 U	0.194 U	0.191 U		0.202 J	0.193 U	0.199 U	0.196 U	0.193 U	0.202 U	0.198 UJ
2,3,4,6-TETRACHLOROPHENOL	NC	1100	NC	11000	NC	0.296 UR	0.2915 UR	0.287 UR		0.303 J	0.289 UJ	0.298 UR	0.294 UR	0.29 UR	0.303 UR	0.297 UJ
2,4,5-TRICHLOROPHENOL	NC	3700	NC	37000	NC	0.493 UR	0.4855 UR	0.478 UR		0.616 J	0.482 UJ	0.497 UR	0.49 UR	0.483 UR	0.506 UR	0.496 UJ
2,4,6-TRICHLOROPHENOL	NC	6.1	610	370	NC	0.493 UR	0.4855 UR	0.478 UR		0.601 J	0.482 UJ	0.497 UR	0.49 UR	0.483 UR	0.506 UR	0.496 UJ
2,4-DICHLOROPHENOL	NC	110	NC	1100	NC	0.69 UR	0.6795 UR	0.669 UR		0.695 U	0.675 UJ	0.712 J	0.712 J	0.676 UR	0.708 UR	0.694 UJ
ACENAPHTHENE	NC	2200	NC	22000	NC	0.0986 U	0.0971 U	0.0956 U		0.185 J	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ
ACENAPHTHYLENE	NC	2200	NC	22000	NC	0.0986 U	0.0971 U	0.0956 U		0.171 J	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ
DIBENZOFURAN	NC	37	NC	370	NC	0.0986 U	0.0971 U	0.0956 U		0.192 J	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ
FLUORENE	NC	1500	NC	15000	NC	0.0986 U	0.0971 U	0.0956 U		0.143 J	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ
PENTACHLOROBENZENE	NC	29	NC	290	NC	0.197 U	0.194 U	0.191 U		0.237 J	0.193 U	0.199 U	0.196 U	0.193 U	0.202 U	0.198 UJ
Radiological Parameters (PCI/L)																
GROSS ALPHA	15	NC	NC	NC	NC	2.7	2.85	3	2.43 U	1.4 U	1.9	1.4 U	1.5 U	1.6 U	1.4 U	3.2
GROSS BETA	8	NC	NC	NC	NC	**10.5 [F]**	**10.25 [F]**	**10 [F]**	1.75 U	5.1 U	**14.6 [F]**	6.5	4.8	6.2 U	4.9 U	7.3

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.3-3

STUDY AREA 03
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0479	0479	0479	1989	2006	2030	2035	2035	2035	2044	2045
Sample ID						0479TW001	0479TW001-AVG	0479TW001-D	1989TW001	2006TW001	2030TW001	2035TW001	2035TW001-AVG	2035TW001-D	2044TW001	2045TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090114	20090114	20090114	20090219	20090126	20081126	20090120	20090120	20090120	20090123	20090115
Study Area						STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID						6312709602120	6312709602120	6312709602120	6366513820399	6300976004174	6305909018162	6336601504632	6336601504632	6336601504632	6339966206272	6340270302460
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening levels																
Blank Cells indicate that parameter was not analyzed.																
Inorganics (UG/L)																
ALUMINUM	NC	37000	NC	370000	NC	22.1	21.85	21.6	2.2 U	5.38	7.05	2.94	2.77	2.6	5.17	2.35
ANTIMONY	6	15	NC	150	NC	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.193
ARSENIC	10	0.045	4.5	110	NC	**1.9 [R]**	**2.265 [R]**	**2.63 [R]**	**1.91 [R]**	**5.33 [R][C]**	**6.38 [R][C]**	**6.67 [R][C]**	**6.72 [R][C]**	**6.77 [R][C]**	**2.78 [R]**	**2.72 [R]**
BARIUM	2000	7300	NC	73000	NC	13.5	13.25	13	5.7	12.6	17.8	16.8	16.9	17	6.43	8.65
BERYLLIUM	4	73	NC	730	NC	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	5	18	NC	180	NC	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.386
CALCIUM	NC	NC	NC	NC	NC	59.2	59.7	60.2	48.4	96	126	120	119.5	119	49.8	54.8
CHROMIUM	100	NC	NC	NC	NC	0.306 U	0.38 U	0.454 U	0.377	0.777	1.4 U	0.15 U	0.15 U	0.15 U	0.15 U	0.507
COBALT	NC	11	NC	110	NC	0.0302	0.03135	0.0325	0.157	0.033	0.1	0.798	0.8025	0.807	0.03 U	0.074
COPPER	1300	1500	NC	15000	NC	13.9 J	14 J	14.1 J	18.5	23.8	126	219	202	185	44.3	154
IRON	NC	26000	NC	260000	NC	16.5	14.9	13.3	48.8	4.7 U	61.4	27.7	27.35	27	4.7 U	20.4
LEAD	15	NC	NC	NC	NC	1.2	1.24	1.28	0.85	0.898	2.85	2.62	2.37	2.12	0.57	7.18
MAGNESIUM	NC	NC	NC	NC	NC	9.5	9.57	9.64	5.85	23.2	28.6	23.6	23.6	23.6	5.99	7.84
MANGANESE	NC	880	NC	8800	NC	1.41	1.955	2.5	2.85	0.388	35.1	5.36 J	4.27 J	3.18 J	5.59	10.5
MERCURY	2	0.57	NC	5.7	0.63	0.015 U	0.015 U	0.015 U	0.022	0.024	0.015 U	0.041	0.042	0.043	0.044	0.016
NICKEL	NC	730	NC	7300	NC	1.38 J	1.45 J	1.52 J	2.42	0.697 J	5.97	5.33 J	8.115 J	10.9 J	0.785	4
POTASSIUM	NC	NC	NC	NC	NC	3.99	3.95	3.91	0.945	1.14	9.49	6.59	6.665	6.74	0.826	0.86
SELENIUM	50	180	NC	1800	NC	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.236	0.227 U	0.218 U	0.209 U	0.2 U	0.2 U
SILVER	NC	180	NC	1800	NC	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	NC	NC	NC	NC	NC	6.25	6.37	6.49	3.17	4.17	22.4	45.4	45.9	46.4	3.27	2.36
THALLIUM	2	NC	NC	NC	NC	0.36 U	0.20575 U	0.0515 U	0.118 U	0.04 U	0.17 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
TIN	NC	22000	NC	220000	NC	0.144	0.136	0.128	0.27	0.1 U	0.293	0.136 U	0.1485 U	0.161 U	1.37	0.135
URANIUM	30	1.63	163	1100	NC	1.04	1.025	1.01	1.34	0.883	**2.93**	**2.1**	**2.115**	**2.13**	0.22	0.374
VANADIUM	NC	180	NC	2600	NC	2.37	1.72	1.07	1 U	1.34	2.64	2.77 J	2.405 J	2.04 J	1 U	1 U
ZINC	NC	11000	NC	110000	NC	24.2 J	23.6 J	23 J	272	62.6 J	86.7	65.2	64.05	62.9	66.2	1560
Miscellaneous Parameters (MG/L)																
CHLORIDE	NC	NC	NC	NC	NC	9.99	9.855	9.72	5.08	7.08	35.2	102	100.8	99.6	5.23	6.14
FLUORIDE	4	1.5	NC	150	NC	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.339	0.267	0.2815	0.296	0.2 U	0.2 U
NITRATE	44.3	58	NC	580	NC	6.31	6.27	6.23	2.57	3.08	14.4	4.65	4.635	4.62	2.31 J	2.51
SULFATE	NC	NC	NC	NC	NC	7.09	7.005	6.92	2.29	7.87	31.2	19.7	19.6	19.5	2.19	3.2
Field Parameters																
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.1	0.1		0.06	0.12	0.13	0.25	0.25		0.08	0.03
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	9.36	9.36		11.72	7.85	10.3	8.21	8.21		8.53	9.71
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	513	513		471	606	391	637	637		617	349
PH (S.U.)	NC	NC	NC	NC	NC	7.57	7.57		7.97	7.28	7.2	6.88	6.88		7.12	7.21
SALINITY (%)	NC	NC	NC	NC	NC	0	0		0	0	0.1	0	0		0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.457	0.457		0.299	0.67	1	1.07	1.07		0.32	0.397
TEMPERATURE (C)	NC	NC	NC	NC	NC	11.71	11.71		9.56	13.92	12.17	15.72	15.72		12.05	11.46
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC						0.6					
TURBIDITY (NTU)	NC	NC	NC	NC	NC	9.39			0	5	0	19.1	19.1		0	18.5

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.3-3

STUDY AREA 03
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						2065	2079	2106	2108	2111	2112	2140
Sample ID						2065TW001	2079TW001	2106TW001	2108TW001	2111TW001	2112TW001	2140TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090121	20090203	20090225	20090228	20090314	20090318	20090408
Study Area						STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 01
Premise ID						6304128004144	6112402402226	6337201102111	636653300212276	6340270302128	6338420302200	6340293002650
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening levels												
Blank Cells indicate that parameter was not analyzed.												
Dioxins/Furans (NG/L)												
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00024 J	0.00028 U	0.00042 U	0.00026 J	0.00036 U	0.00018 U	0.00039 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00053 U	0.00013 U	0.000391 U	0.000501 U	0.00024 U	0.00023 U	0.000531 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00031 U	0.00018 U	0.00027 U	0.000262 U	0.000143 U	0.00021 U	0.00027 J
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000262 U	0.00015 U	0.00034 U	0.00024 U	0.00012 U	0.00021 U	0.000193 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.000811 U	0.000351 U	0.00047 U	0.0006 U	0.00036 U	0.00098 U	0.0008 U
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.00067 U	0.00023 U	0.00015 U	0.00017 U	0.00024 U	0.00026 U	0.00041 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00031 U	0.00018 U	0.00022 U	0.000262 U	0.000143 U	0.00031 U	0.000241 U
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.00076 U	0.0003 U	0.00088 U	0.00033 U	0.0005 U	0.00049 U	0.00077 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00036 U	0.000251 U	0.000342 U	0.00024 J	0.000262 U	0.00028 J	0.00029 U
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.000214 U	0.00093 U	0.00029 U	0.00017 U	0.00021 U	0.00049 U	0.00039 U
TEQ	NC	0.00052	0.052	0.37	NC	2.4E-06	0.000251 U	0.000342 U	0.000243	0.000262 U	0.00028	0.000027
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0022 J	0.0032 J	0.0061 J	0.0013 J	0.0012 J	0.0019 J	0.0022 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.002 J	0.0011 J	0.0015 J	0.00095 J	0.000644 U	0.00051 J	0.00087 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.001431 U	0.00038 U	0.0011 U	0.0014 U	0.000644 U	0.0008 J	0.001426 U
TOTAL HXCDF	NC	NC	NC	NC	NC	0.001241 U	0.000703 U	0.000881 U	0.001049 U	0.00074 J	0.0012 J	0.00092 U
TOTAL PECDD	NC	NC	NC	NC	NC	0.000811 U	0.000351 U	0.00047 U	0.0006 U	0.00036 U	0.00098 U	0.0008 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.001336 U	0.000452 J	0.00093 J	0.00041 J	0.0006 J	0.0007 J	0.0012 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.0011 U	0.000753 U	0.001028 U	0.00067 J	0.00079 U	0.00095 J	0.00087 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.00043 U	0.0013 J	0.00049 J	0.000334 U	0.00031 J	0.00062 J	0.00048 J
Volatile Organics (UG/L)												
1,1-DICHLOROETHANE	NC	2.4	240	73000	3	0.109 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	7	340	NC	3400	420	0.312 J	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	**0.151 J [R]**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMOFORM	80	8.5	850	7300	NC	5.41	2.66	0.06 U	1.34	0.06 U	0.06 U	0.06 U
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	**0.766**	**0.489 J**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROFORM	80	0.19	19	1300	0.21	**0.311 [R][INH]**	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	**2.29 [R][INH]**
CIS-1,2-DICHLOROETHENE	70	370	NC	3700	NC	0.34 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	**0.385 J [R]**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	**0.396 J [R]**
TRICHLOROETHENE	5	2	200	NC	2.4	0.913 J	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.889 J
TRICHLOROFLUOROMETHANE	NC	1300	NC	13000	1500	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.168 J
Semivolatile Organics (UG/L)												
1,1-BIPHENYL	NC	1800	NC	18000	NC	0.191 U						
2,3,4,6-TETRACHLOROPHENOL	NC	1100	NC	11000	NC	0.286 UR						
2,4,5-TRICHLOROPHENOL	NC	3700	NC	37000	NC	0.477 UR						
2,4,6-TRICHLOROPHENOL	NC	6.1	610	370	NC	0.477 UR						
2,4-DICHLOROPHENOL	NC	110	NC	1100	NC	0.668 UR						
ACENAPHTHENE	NC	2200	NC	22000	NC	0.0954 U						
ACENAPHTHYLENE	NC	2200	NC	22000	NC	0.0954 U						
DIBENZOFURAN	NC	37	NC	370	NC	0.0954 U						
FLUORENE	NC	1500	NC	15000	NC	0.0954 U						
PENTACHLOROBENZENE	NC	29	NC	290	NC	0.191 U						
Radiological Parameters (PCI/L)												
GROSS ALPHA	15	NC	NC	NC	NC	1.9	1.6 U	2.93 U	2.2 U	0.799 U	1.89	5.13
GROSS BETA	8	NC	NC	NC	NC	**17.6 [F]**	6.5	2.68 U	2.33 U	2.21 U	3.22	**43.4 [F]**

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.3-3

STUDY AREA 03
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						2065	2079	2106	2108	2111	2112	2140
Sample ID						2065TW001	2079TW001	2106TW001	2108TW001	2111TW001	2112TW001	2140TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090121	20090203	20090225	20090228	20090314	20090318	20090408
Study Area						STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 01
Premise ID						6304128004144	6112402402226	6337201102111	636653300212276	6340270302128	6338420302200	6340293002650
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening levels												
Blank Cells indicate that parameter was not analyzed.												
Inorganics (UG/L)												
ALUMINUM	NC	37000	NC	370000	NC	2.2 U	3.86	6.64	5.27 U	4.72	4.52	2.2 U
ANTIMONY	6	15	NC	150	NC	0.373	0.488	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**8.74 [R][C]**	**3.85 [R]**	**6.02 [R][C]**	**4.86 [R][C]**	**1.02 [R]**	**1.3 [R]**	**4.74 [R][C]**
BARIUM	2000	7300	NC	73000	NC	18.7	16.4	15.1	6.39	6.62	9.52	15.7
BERYLLIUM	4	73	NC	730	NC	0.0311	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	5	18	NC	180	NC	0.04 U	0.376	0.04 U	0.04 U	0.0554	0.04 U	0.04 U
CALCIUM	NC	NC	NC	NC	NC	126	119	111	48.7	49.3	49.6	121
CHROMIUM	100	NC	NC	NC	NC	0.15 U	2.48	1.08 U	0.667 U	0.15 U	0.234 U	0.978
COBALT	NC	11	NC	110	NC	0.188	0.12	0.03 U	0.0431	0.0322	0.03 U	0.0593 U
COPPER	1300	1500	NC	15000	NC	14.5	160	8.09	14.6	9.24	4.87	32.4
IRON	NC	26000	NC	260000	NC	29.5	66.6	16.1	20	14.4	4.7 U	4.7 U
LEAD	15	NC	NC	NC	NC	0.868	**25.1 [F]**	1.03	1.75	1.62	0.422	0.932
MAGNESIUM	NC	NC	NC	NC	NC	29.3	21.9	26.3	5.76	5.69	5.68	26.5
MANGANESE	NC	880	NC	8800	NC	7.97	1.87	2.55	1.73	0.998	4.03	0.11
MERCURY	2	0.57	NC	5.7	0.63	0.042	0.022	0.016	0.043	0.037	0.015 U	0.125
NICKEL	NC	730	NC	7300	NC	15	61.1	1.12	13.8	2.83	0.11 U	4.41
POTASSIUM	NC	NC	NC	NC	NC	17.2	6.9	2	0.913	0.686	0.688	4.15
SELENIUM	50	180	NC	1800	NC	0.376 U	0.31	0.2 U	0.216	0.2 U	0.2 U	0.308
SILVER	NC	180	NC	1800	NC	0.12 U	0.12 U	0.12 U	0.314 U	0.12 U	0.139	0.12 U
SODIUM	NC	NC	NC	NC	NC	34.3	21.8	6.34	3.11	2.9	2.88	12.8
THALLIUM	2	NC	NC	NC	NC	0.04 U	0.04 U	0.04 U	0.186 U	0.04 U	0.04 U	0.696
TIN	NC	22000	NC	220000	NC	0.1 U	10.2	2.49	0.569	0.17	0.122	0.1 U
URANIUM	30	1.63	163	1100	NC	**4.98**	1.37	0.889	0.238	0.255	0.222	1.3
VANADIUM	NC	180	NC	2600	NC	3.66	2.88	1.46	1.32 U	1 U	1 U	2.22
ZINC	NC	11000	NC	110000	NC	70.3	1300	18.2	26	336	66.6	25.5
Miscellaneous Parameters (MG/L)												
CHLORIDE	NC	NC	NC	NC	NC	61.3	41	10.5	5.52	5.29	5.21	22.1
FLUORIDE	4	1.5	NC	150	NC	0.549	0.37	0.2 U	0.2 U	0.2 U	0.2 U	0.303
NITRATE	44.3	58	NC	580	NC	26.6	9.97	3.37	2.77 J	2.28 J	2.26	6.32
SULFATE	NC	NC	NC	NC	NC	47.9	12.9	8.63	2.66	1.73	1.85	9.57
Field Parameters												
CHLORINE (MG/L)	4	3.7	NC	37	NC		0.1	0.08	0.05	0	0.08	0.03
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	9.87	7.96	9.75	11.19	7.92	9.72	6.5
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	504	562	603	442	306	608	249
PH (S.U.)	NC	NC	NC	NC	NC	7.42	7.11	7.28	6.87	7.33	7.35	7.17
SALINITY (%)	NC	NC	NC	NC	NC	0	0	0	0	0.01	0.01	0.05
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	1.07	0.893	0.746	0.318	0.341	0.307	1.53
TEMPERATURE (C)	NC	NC	NC	NC	NC	13.77	13.66	12.51	11.83	14.71	13.65	16.91
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC							
TURBIDITY (NTU)	NC	NC	NC	NC	NC	15.6	0	15.2	3.5	0	0	1.5

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.3-4

STUDY AREA 03
TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)																
1,2,3,4,7,8,9-HPCDF	4/14	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.00024 J	0.0004 J	0.00018 - 0.00075	0.0003	0.0002
1,2,3,4,7,8-HXCDD	1/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00039 J	0.00039 J	0.00013 - 0.00069	0.0004	0.0002
1,2,3,4,7,8-HXCDD	1/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00039 J	0.00039 J	0.00013 - 0.00069	0.0004	0.0002
1,2,3,4,7,8-HXCDF	2/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00027 J	0.00032 J	0.000143 - 0.00044	0.0003	0.0002
1,2,3,4,7,8-HXCDF	2/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00027 J	0.00032 J	0.000143 - 0.00044	0.0003	0.0002
1,2,3,4,7,8-HXCDF	2/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00027 J	0.00032 J	0.000143 - 0.00044	0.0003	0.0002
1,2,3,6,7,8-HXCDF	1/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.000208 J	0.00028 J	0.00012 - 0.00049	0.0002	0.0001
1,2,3,7,8-PECDD	1/14	--	NC	1	0.00052	0	0.052	--	NC	--	NC	0.00097 J	0.00097 J	0.000344 - 0.00098	0.0010	0.0004
1,2,3,7,8-PECDF	2/14	--	NC	0	0.017	0	1.7	--	NC	--	NC	0.00022 J	0.00047 J	0.00015 - 0.00067	0.0004	0.0002
2,3,4,6,7,8-HXCDF	1/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00031 J	0.00031 J	0.000143 - 0.0012	0.0003	0.0002
2,3,4,6,7,8-HXCDF	1/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00031 J	0.00031 J	0.000143 - 0.0012	0.0003	0.0002
2,3,4,7,8-PECDF	2/14	--	NC	0	0.0017	0	0.17	--	NC	--	NC	0.0003 J	0.001 J	0.0002 - 0.0011	0.0004	0.0003
2,3,7,8-TCDD	4/14	0	0.03	0	0.00052	0	0.052	0	0.37	--	NC	0.00024 J	0.00054 J	0.00024 - 0.00068	0.0003	0.0002
2,3,7,8-TCDF	2/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00035 J	0.00049 J	0.00017 - 0.00093	0.0004	0.0002
TEQ	8/14	--	NC	2	0.00052	0	0.052	0	0.37	--	NC	0.0000024	0.000974	0.000251 - 0.00068	0.0004	0.0003
TOTAL HPCDD	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.0012 J	0.0061 J	-	0.0023	0.0023
TOTAL HPCDF	12/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.00051 J	0.0035 J	0.000644 - 0.001316	0.0013	0.0012
TOTAL HXCDD	3/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.0008 J	0.0015 J	0.00038 - 0.0019	0.0010	0.0007
TOTAL HXCDF	5/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.00074 J	0.0019 J	0.000703 - 0.0014	0.0012	0.0008
TOTAL PECDD	2/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.0005 J	0.00097 J	0.000344 - 0.00098	0.0007	0.0004
TOTAL PECDF	11/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.000393 J	0.0015 J	0.0009 - 0.001336	0.0007	0.0007
TOTAL PECDF	11/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.000393 J	0.0015 J	0.0009 - 0.001336	0.0007	0.0007
TOTAL TCDD	3/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.00067 J	0.0011 J	0.000711 - 0.002028	0.0008	0.0006
TOTAL TCDF	10/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.00031 J	0.0013 J	0.000334 - 0.00044	0.0006	0.0005
Field Parameters																
CHLORINE (MG/L)	13/13	0	4	0	3.7	--	NC	0	37	--	NC	0	0.25	-	0.09	0.09
DISSOLVED OXYGEN (MG/L)	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	6.5	11.72	-	9.19	9.19
OXIDATION REDUCTION POTENTIAL (MV)	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	249	637	-	489.86	489.86
PH (S.U.)	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	6.87	7.97	-	7.27	7.27
SALINITY (%)	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	0	0.1	-	0.01	0.01
SPECIFIC CONDUCTANCE (MS/CM)	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.299	1.53	-	0.67	0.67
TEMPERATURE (C)	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	9.56	16.91	-	13.12	13.12
TOTAL DISSOLVED SOLIDS	1/1	--	NC	--	NC	--	NC	--	NC	--	NC	0.6	0.6	-	0.60	0.60
TURBIDITY (NTU)	13/13	--	NC	--	NC	--	NC	--	NC	--	NC	0	19.1	-	6.03	6.03
Inorganics (UG/L)																
ALUMINUM	10/14	--	NC	0	37000	--	NC	0	370000	--	NC	2.35	22.1	2.2 - 5.27	6.4	5.0
ANTIMONY	3/14	0	6	0	15	--	NC	0	150	--	NC	0.193	0.488	0.14 - 0.14	0.4	0.1
ARSENIC	14/14	0	10	14	0.045	7	4.5	0	110	--	NC	1.02	8.74	-	4.2	4.2
BARIUM	14/14	0	2000	0	7300	--	NC	0	73000	--	NC	5.7	18.7	-	12.1	12.1
BERYLLIUM	1/14	0	4	0	73	--	NC	0	730	--	NC	0.0311	0.0311	0.03 - 0.03	0.0	0.0
CADMIUM	3/14	0	5	0	18	--	NC	0	180	--	NC	0.0554	0.386	0.04 - 0.04	0.3	0.1
CALCIUM	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	48.4	126	-	84.2	84.2
CHROMIUM	5/14	0	100	--	NC	--	NC	--	NC	--	NC	0.377	2.48	0.15 - 1.4	1.0	0.5
COBALT	10/14	--	NC	0	11	--	NC	0	110	--	NC	0.0302	0.807	0.03 - 0.0593	0.2	0.1
COPPER	14/14	0	1300	0	1500	--	NC	0	15000	--	NC	4.87	219	-	59.0	59.0
IRON	10/14	--	NC	0	26000	--	NC	0	260000	--	NC	13.3	66.6	4.7 - 4.7	31.9	23.5
LEAD	14/14	1	15	--	NC	--	NC	--	NC	--	NC	0.422	25.1	-	3.4	3.4
MAGNESIUM	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	5.68	29.3	-	16.1	16.1
MANGANESE	14/14	--	NC	0	880	--	NC	0	8800	--	NC	0.11	35.1	-	5.7	5.7
MERCURY	11/14	0	2	0	0.57	--	NC	0	5.7	0	0.63	0.016	0.125	0.015 - 0.015	0.0	0.0
NICKEL	13/14	--	NC	0	730	--	NC	0	7300	--	NC	0.697 J	61.1	0.11 - 0.11	9.4	8.7
POTASSIUM	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.686	17.2	-	4.0	4.0
SELENIUM	4/14	0	50	0	180	--	NC	0	1800	--	NC	0.216	0.31	0.2 - 0.376	0.3	0.2
SILVER	1/14	--	NC	0	180	--	NC	0	1800	--	NC	0.139	0.139	0.12 - 0.314	0.1	0.1
SODIUM	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	2.36	46.4	-	12.3	12.3
THALLIUM	1/14	--	2	0	NC	--	NC	--	NC	--	NC	0.696	0.696	0.04 - 0.36	0.7	0.1
TIN	10/14	--	NC	0	22000	--	NC	0	220000	--	NC	0.122	10.2	0.1 - 0.161	1.6	1.1
URANIUM	14/14	0	30	5	1.63	--	163	--	1100	--	NC	0.22	4.98	-	1.3	1.3
VANADIUM	8/14	--	NC	0	180	--	NC	0	2600	--	NC	1.07	3.66	1 - 1.32	2.3	1.5
ZINC	14/14	--	NC	0	11000	--	NC	0	110000	--	NC	18.2	1560	-	284.1	284.1
Miscellaneous Parameters (MG/L)																
CHLORIDE	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	5.08	102	-	22.88	22.88
FLUORIDE	5/14	0	4	--	1.5	--	NC	--	15	--	NC	0.267	0.549	0.2 - 0.2	0.37	0.20
NITRATE	14/14	0	44.3	0	58	--	NC	0	580	--	NC	2.26	26.6	-	6.38	6.38
SULFATE	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	1.73	47.9	-	11.33	11.33

NC-No Criteria
J-Estimted value

TABLE 3.3-4

STUDY AREA 03
TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Semivolatile Organics (UG/L)																
1,1-BIPHENYL	1/7	--	NC	0	1800	--	NC	0	18000	--	NC	0.202 J	0.202 J	0.191 - 0.202	0.202	0.113
2,3,4,6-TETRACHLOROPHENOL	1/3	--	NC	0	1100	--	NC	0	11000	--	NC	0.303 J	0.303 J	0.289 - 0.297	0.303	0.199
2,4,5-TRICHLOROPHENOL	1/3	--	NC	0	3700	--	NC	0	37000	--	NC	0.616 J	0.616 J	0.482 - 0.496	0.616	0.368
2,4,6-TRICHLOROPHENOL	1/3	--	NC	0	6.1	0	610	0	370	--	NC	0.601 J	0.601 J	0.482 - 0.496	0.601	0.363
2,4-DICHLOROPHENOL	1/4	--	NC	0	110	--	NC	0	1100	--	NC	0.712 J	0.712 J	0.675 - 0.695	0.712	0.436
2,4-DICHLOROPHENOL	1/4	--	NC	0	110	--	NC	0	1100	--	NC	0.712 J	0.712 J	0.675 - 0.695	0.712	0.436
ACENAPHTHENE	1/7	--	NC	0	2200	--	NC	0	22000	--	NC	0.185 J	0.185 J	0.0954 - 0.101	0.185	0.068
ACENAPHTHYLENE	1/7	--	NC	0	2200	--	NC	0	22000	--	NC	0.171 J	0.171 J	0.0954 - 0.101	0.171	0.066
DIBENZOFURAN	1/7	--	NC	--	37	--	NC	--	370	--	NC	0.192 J	0.192 J	0.0954 - 0.101	0.192	0.069
FLUORENE	1/7	--	NC	0	1500	--	NC	0	15000	--	NC	0.143 J	0.143 J	0.0954 - 0.101	0.143	0.062
PENTACHLOROBENZENE	1/7	--	NC	0	29	--	NC	0	290	--	NC	0.237 J	0.237 J	0.191 - 0.202	0.237	0.118
Volatile Organics (UG/L)																
1,1-DICHLOROETHANE	1/14	--	NC	0	2.4	0	240	0	73000	0	3	0.109 J	0.109 J	0.1 - 0.1	0.11	0.05
1,1-DICHLOROETHENE	1/14	0	7	0	340	--	NC	0	3400	0	420	0.312 J	0.312 J	0.13 - 0.14	0.31	0.09
BROMODICHLOROMETHANE	4/14	0	80	3	0.12	0	12	0	7300	--	NC	0.1055 J	0.282 J	0.1 - 0.1	0.17	0.09
BROMOFORM	9/14	0	80	0	8.5	0	850	0	7300	--	NC	0.356 J	5.41	0.06 - 0.06	2.42	1.57
CHLORODIBROMOMETHANE	7/14	0	80	6	0.15	0	15	0	7300	--	NC	0.135 J	0.972	0.1 - 0.1	0.53	0.29
CHLOROFORM	3/14	0	80	2	0.19	0	19	0	1300	2	0.21	0.132 J	2.29	0.09 - 0.09	0.91	0.23
CIS-1,2-DICHLOROETHENE	2/14	0	70	0	370	--	NC	0	3700	--	NC	0.226 J	0.34 J	0.1 - 0.1	0.28	0.08
TETRACHLOROETHENE	2/14	0	5	2	0.11	0	11	0	2200	0	0.82	0.385 J	0.396 J	0.1 - 0.209	0.39	0.10
TRICHLOROETHENE	3/14	0	5	0	2	0	200	--	NC	0	2.4	0.575 J	0.913 J	0.13 - 0.13	0.79	0.22
TRICHLOROFLUOROMETHANE	1/14	--	NC	0	1300	--	NC	0	13000	0	1500	0.168 J	0.168 J	0.1 - 0.19	0.17	0.06
Radiological Parameters (PCI/L)																
GROSS ALPHA	6/14	0	15	--	NC	--	NC	--	NC	--	NC	1.89	5.13	0.799 - 2.93	2.81	1.71
GROSS BETA	8/14	4	8	--	NC	--	NC	--	NC	--	NC	3.22	43.4	1.75 - 6.2	13.46	8.37

NC-No Criteria
J-Estimted value

TABLE 3.3-5

STUDY AREA 03
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0479	1989	2044	2045	2106	2108
Sample ID		0479SS0010006	1989SS0010006	2044SS0010006	2045SS0010006	2106SS0010006	2108SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090114	20090219	20090123	20090115	20090225	20090228
Study Area		STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID		6312709602120	6366513820399	6339966206272	6340270302460	6337201102111	636653300212276
Shaded cell indicates exceedances of screening level							
Dioxins/Furans (NG/KG)							
1,2,3,4,6,7,8,9-OCDD	15000	18	28 J	86	44	33	41
1,2,3,4,6,7,8,9-OCDF	15000	1.6 J	13 J	7.8 J	41	4.5 J	0.92 U
1,2,3,4,6,7,8-HPCDD	450	3.2 J	9.5	13	8.1	5.3 J	5.2 J
1,2,3,4,6,7,8-HPCDF	450	2 J	4.1 J	5.3 J	40	2.9 J	2.6 J
1,2,3,4,7,8,9-HPCDF	450	0.19 J	0.71 U	0.51 J	0.76 J	0.28 U	0.15 U
1,2,3,4,7,8-HXCDD	45	0.184852 U	0.58 U	0.34 U	0.59 J	0.19 U	0.16 J
1,2,3,4,7,8-HXCDF	45	0.74 J	1.1 J	2 J	2.1 J	1.4 J	0.79 J
1,2,3,6,7,8-HXCDD	45	0.26 U	1 J	0.77 J	1 J	0.27 U	0.44 J
1,2,3,6,7,8-HXCDF	45	0.49 J	1.1 J	1.2 J	1.5 J	0.37 J	0.54 J
1,2,3,7,8,9-HXCDD	45	0.19 J	1.1 J	0.42 J	0.9 J	0.19 J	0.23 J
1,2,3,7,8,9-HXCDF	45	0.16 U	0.66 U	0.13 J	0.19 J	0.24 U	0.132539 U
1,2,3,7,8-PECDD	4.5	0.28 U	0.44 U	0.49 J	0.65 J	0.21 U	0.17 J
1,2,3,7,8-PECDF	150	0.86 J	1.1	2.3	1.3	1.3	0.54 J
2,3,4,6,7,8-HXCDF	45	0.41 J	1.2 J	1.2 J	1.8 J	0.52 J	0.67 J
2,3,4,7,8-PECDF	15	0.46 J	1.3	1 J	1.7	0.6 J	0.83 J
2,3,7,8-TCDD	4.5	0.089 U	0.19 U	0.092 U	0.32 J	0.13 U	0.101353 U
2,3,7,8-TCDF	45	0.4 U	1.5 U	1 J	1.5	0.72 U	0.91 J
TEQ	4.5	0.41	1.12	1.75	2.99	0.56	0.90
TOTAL HPCDD	NC	6.9 J	20	26	15 J	10 J	9.9 J
TOTAL HPCDF	NC	3.6 J	7.7 J	11 J	73	6.7 J	5.7 J
TOTAL HXCDD	NC	4.5 J	18	11 J	13	4.8 J	8.8 J
TOTAL HXCDF	NC	6.1 J	20 J	18 J	32	7.3 J	9.3 J
TOTAL PECDD	NC	2.5 J	18	7.4	8.7	1.5 J	7.5
TOTAL PECDF	NC	5.5 J	18	17	22	8.9 J	12 J
TOTAL TCDD	NC	3.1	15	5.2	8.9	2.2	6.8
TOTAL TCDF	NC	7.3 J	29	14 J	21 J	9 J	13 J
Volatile Organics (MG/KG)							
1,1,2-TRICHLOROTRIFLUOROETHANE	43000	0.000865 U	0.00096 U	0.000931 U	0.000957 U	0.000891 J	0.000914 U
1,4-DICHLOROBENZENE	2.4	0.000124 U	0.000137 U	0.000133 U	0.000137 U	0.000127 U	0.000131 J
ACETONE	61000	0.00717 U	0.00795 J	0.00771 U	0.00793 U	0.0121 J	0.0107 J
BENZENE	1.1	0.000371 U	0.00221 J	0.000399 U	0.00041 U	0.000382 U	0.000392 U
BROMOMETHANE	7.3	0.00371 U	0.00411 UR	0.00399 U	0.0041 U	0.0164 J	0.00957 U
CHLOROFORM	0.29	0.000865 U	0.00096 U	0.000931 U	0.000957 U	0.000948 J	0.000914 U
CHLOROMETHANE	120	0.00111 U	0.00123 U	0.0012 U	0.00123 U	0.00233 J	0.00147 U
METHYLENE CHLORIDE	11	0.00124 U	0.00137 J	0.00133 U	0.00137 U	0.00127 U	0.00131 U
TOLUENE	5000	0.000618 U	0.00567 J	0.000665 U	0.000683 U	0.0436	0.000653 U
Semivolatile Organics (MG/KG)							
1,1-BIPHENYL	3900	0.0184 U	0.0202 U	0.0217 J	0.0203 J	0.0191 U	0.0192 U
2,4-DIMETHYLPHENOL	1200	0.181 UJ	0.199 U	0.197 J	0.201 UJ	0.188 U	0.189 U
2,6-DICHLOROPHENOL	NC	0.0576 UJ	0.0633 U	0.148 J	0.0637 UJ	0.0598 U	0.0601 U

NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[R]-Exceeds soil RSL

TABLE 3.3-5

STUDY AREA 03
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
PAGE 2 OF 2

Location		0479	1989	2044	2045	2106	2108
Sample ID		0479SS0010006	1989SS0010006	2044SS0010006	2045SS0010006	2106SS0010006	2108SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090114	20090219	20090123	20090115	20090225	20090228
Study Area		STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID		6312709602120	6366513820399	6339966206272	6340270302460	6337201102111	636653300212276
Shaded cell indicates exceedances of screening level							
2-CHLORONAPHTHALENE	6300	0.00981 U	0.0108 U	0.0213 J	0.0108 U	0.0102 U	0.0102 U
2-CHLOROPHENOL	390	0.0613 UJ	0.0674 U	0.139 J	0.0678 UJ	0.0636 U	0.0639 U
2-METHYLNAPHTHALENE	310	0.0208 U	0.0229 U	0.0303 J	0.0231 U	0.0216 U	0.0217 U
2-METHYLPHENOL	3100	0.123 UJ	0.135 U	0.155 J	0.136 UJ	0.127 U	0.128 U
2-NITROPHENOL	NC	0.0772 UJ	0.0849 U	0.111 J	0.0854 UJ	0.0802 U	0.0805 U
3&4-METHYLPHENOL	NC	0.141 UJ	0.155 U	0.329 J	0.156 UJ	0.146 U	0.147 U
BAP EQUIVALENT	0.015	0.0208 U	0.0229 U	0.0226 U	0.0231 U	0.000025	0.002063
BENZO(A)ANTHRACENE	0.15	0.0196 U	0.0216 U	0.0213 U	0.0217 U	0.0204 U	0.0204 J
BIS(2-ETHYLHEXYL)PHTHALATE	35	0.129 U	0.141 J	0.207 J	0.142 U	0.134 U	0.134 U
CHRYSENE	15	0.0159 U	0.0175 U	0.0173 U	0.0176 U	0.0258 J	0.0236 J
DI-N-BUTYL PHTHALATE	6100	0.0527 U	0.0579 U	0.0572 J	0.0583 U	0.0547 J	0.055 U
FLUORANTHENE	2300	0.0233 U	0.0256 U	0.0283 J	0.0258 U	0.0312 J	0.0396 J
NAPHTHALENE	3.6	0.00736 U	0.00808 U	0.0369 J	0.00966 U	0.00764 U	0.00767 U
PYRENE	1700	0.0221 U	0.0242 U	0.0239 U	0.0244 U	0.0287 J	0.0351 J
Inorganics (MG/KG)							
ALUMINUM	77000	49400	36400	40100	36400	37300	33300
ANTIMONY	31	0.477	0.441	1.11	0.687	0.695	0.557
ARSENIC	0.39	**11.1 [R]**	**10.6 [R]**	**15.5 [R]**	**14.4 [R]**	**11.3 [R]**	**11 [R]**
BARIUM	15000	613	310	311	250	288	298
BERYLLIUM	160	4.16	3.98	5.25	5.14	4.35 J	4.11
CADMIUM	70	0.418	0.464	0.318	0.518	0.279	0.4
CHROMIUM	120000	10.5	7.11 J	10.9	8.6	9.74 J	4.11
COBALT	23	12.6	6.68	8.24	7.06	10.6 J	6.63
COPPER	3100	75.2	73.7	54.5	41.7	37.9 J	55.8
IRON	55000	29700	19300	21700	19200	26800	18200
LEAD	400	38.8	33.2	71.6	43.9	56	43.1
MANGANESE	1800	632	529	630	538	581	549
MERCURY	5.6	0.102 U	0.102 U	0.103 U	0.102 U	0.103	0.104
NICKEL	1500	13.6	8.79	12.4	9.89	14.7 J	6.74
SELENIUM	390	0.202	0.204	0.207	0.112	0.124	0.108
SILVER	390	0.106 U	0.186	0.182	0.122	0.212	2.89
THALLIUM	NC	2.13	1.73 U	2.11	1.14	0.686 U	1.49 U
TIN	47000	2.88	2.15	3.95	2.87	2.57	2.37
VANADIUM	390	87	46.8	48.8	47.1	53.3 J	45
ZINC	23000	84.7	77.4	123	78.1	90.9 J	72.2
Miscellaneous Parameters (MG/KG)							
CYANIDE	1600	0.148 U	0.127 U	0.157 U	0.164 U	0.198	0.153 U

NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[R]-Exceeds soil RSL

TABLE 3.3-6

STUDY AREA 03
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/KG)								
1,2,3,4,6,7,8,9-OCDD	6/6	0	15000	18	86	-	41.67	41.67
1,2,3,4,6,7,8,9-OCDF	5/6	0	15000	1.6 J	41	0.92 - 0.92	13.58	11.39
1,2,3,4,6,7,8-HPCDD	6/6	0	450	3.2 J	13	-	7.38	7.38
1,2,3,4,6,7,8-HPCDF	6/6	0	450	2 J	40	-	9.48	9.48
1,2,3,4,7,8,9-HPCDF	3/6	0	450	0.19 J	0.76 J	0.15 - 0.71	0.49	0.34
1,2,3,4,7,8-HXCDD	2/6	0	45	0.16 J	0.59 J	0.184852 - 0.58	0.38	0.23
1,2,3,4,7,8-HXCDF	6/6	0	45	0.74 J	2.1 J	-	1.36	1.36
1,2,3,6,7,8-HXCDD	4/6	0	45	0.44 J	1 J	0.26 - 0.27	0.80	0.58
1,2,3,6,7,8-HXCDD	4/6	0	45	0.44 J	1 J	0.26 - 0.27	0.80	0.58
1,2,3,6,7,8-HXCDF	6/6	0	45	0.37 J	1.5 J	-	0.87	0.87
1,2,3,7,8,9-HXCDD	6/6	0	45	0.19 J	1.1 J	-	0.51	0.51
1,2,3,7,8,9-HXCDF	2/6	0	45	0.13 J	0.19 J	0.132539 - 0.66	0.16	0.15
1,2,3,7,8-PECDD	3/6	0	4.5	0.17 J	0.65 J	0.21 - 0.44	0.44	0.30
1,2,3,7,8-PECDF	6/6	0	150	0.54 J	2.3	-	1.23	1.23
2,3,4,6,7,8-HXCDF	6/6	0	45	0.41 J	1.8 J	-	0.97	0.97
2,3,4,7,8-PECDF	6/6	0	15	0.46 J	1.7	-	0.98	0.98
2,3,7,8-TCDD	1/6	0	4.5	0.32 J	0.32 J	0.089 - 0.19	0.32	0.10
2,3,7,8-TCDF	3/6	0	45	0.91 J	1.5	0.4 - 1.5	1.14	0.79
TEQ	6/6	0	4.5	0.41	2.99	-	1.29	1.29
TOTAL HPCDD	6/6	--	NC	6.9 J	26	-	14.63	14.63
TOTAL HPCDF	6/6	--	NC	3.6 J	73	-	17.95	17.95
TOTAL HXCDD	6/6	--	NC	4.5 J	18	-	10.02	10.02
TOTAL HXCDF	6/6	--	NC	6.1 J	32	-	15.45	15.45
TOTAL PECDD	6/6	--	NC	1.5 J	18	-	7.60	7.60
TOTAL PECDF	6/6	--	NC	5.5 J	22	-	13.90	13.90
TOTAL TCDD	6/6	--	NC	2.2	15	-	6.87	6.87
TOTAL TCDF	6/6	--	NC	7.3 J	29	-	15.55	15.55
Inorganics (MG/KG)								
ALUMINUM	6/6	0	77000	33300	49400	-	38816.7	38816.7
ANTIMONY	6/6	0	31	0.441	1.11	-	0.7	0.7
ARSENIC	6/6	6	0.39	10.6	15.5	-	12.3	12.3
BARIUM	6/6	0	15000	250	613	-	345.0	345.0
BERYLLIUM	6/6	0	160	3.98	5.25	-	4.5	4.5
CADMIUM	6/6	0	70	0.279	0.518	-	0.4	0.4
CHROMIUM	6/6	0	120000	4.11	10.9	-	8.5	8.5
COBALT	6/6	0	23	6.63	12.6	-	8.6	8.6
COPPER	6/6	0	3100	37.9 J	75.2	-	56.5	56.5
IRON	6/6	0	55000	18200	29700	-	22483.3	22483.3
LEAD	6/6	0	400	33.2	71.6	-	47.8	47.8
MANGANESE	6/6	0	1800	529	632	-	576.5	576.5
MERCURY	2/6	0	5.6	0.103	0.104	0.102 - 0.103	0.1	0.1
NICKEL	6/6	0	1500	6.74	14.7 J	-	11.0	11.0
SELENIUM	6/6	0	390	0.108	0.207	-	0.2	0.2

NC-No Criteria
J-Estimated value

TABLE 3.3-6

STUDY AREA 03
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
SILVER	5/6	0	390	0.122	2.89	0.106 - 0.106	0.7	0.6
THALLIUM	3/6	0	NC	1.14	2.13	0.686 - 1.73	1.8	1.2
TIN	6/6	0	47000	2.15	3.95	-	2.8	2.8
VANADIUM	6/6	0	390	45	87	-	54.7	54.7
ZINC	6/6	0	23000	72.2	123	-	87.7	87.7
Miscellaneous Parameters (MG/KG)								
CYANIDE	1/6	0	1600	0.198	0.198	0.127 - 0.164	0.198	0.095416666
Semivolatile Organics (MG/KG)								
1,1-BIPHENYL	2/6	0	3900	0.0203 J	0.0217 J	0.0184 - 0.0202	0.0210	0.0134
2,4-DIMETHYLPHENOL	1/6	0	1200	0.197 J	0.197 J	0.181 - 0.201	0.1970	0.1127
2,6-DICHLOROPHENOL	1/6	--	NC	0.148 J	0.148 J	0.0576 - 0.0637	0.1480	0.0500
2-CHLORONAPHTHALENE	1/6	0	6300	0.0213 J	0.0213 J	0.00981 - 0.0108	0.0213	0.0079
2-CHLOROPHENOL	1/6	0	390	0.139 J	0.139 J	0.0613 - 0.0678	0.1390	0.0502
2-METHYLNAPHTHALENE	1/6	0	310	0.0303 J	0.0303 J	0.0208 - 0.0231	0.0303	0.0142
2-METHYLPHENOL	1/6	0	3100	0.155 J	0.155 J	0.123 - 0.136	0.1550	0.0799
2-NITROPHENOL	1/6	--	NC	0.111 J	0.111 J	0.0772 - 0.0854	0.1110	0.0525
3&4-METHYLPHENOL	1/6	--	NC	0.329 J	0.329 J	0.141 - 0.156	0.3290	0.1169
BAP EQUIVALENT	2/6	0	0.015	0.0000258	0.0020636	0.0208 - 0.0231	0.0010	0.0078
BENZO(A)ANTHRACENE	1/6	0	0.15	0.0204 J	0.0204 J	0.0196 - 0.0217	0.0204	0.0121
BIS(2-ETHYLHEXYL)PHTHALATE	2/6	0	35	0.141 J	0.207 J	0.129 - 0.142	0.1740	0.1029
CHRYSENE	2/6	0	15	0.0236 J	0.0258 J	0.0159 - 0.0176	0.0247	0.0139
DI-N-BUTYL PHTHALATE	2/6	0	6100	0.0547 J	0.0572 J	0.0527 - 0.0583	0.0560	0.0373
FLUORANTHENE	3/6	0	2300	0.0283 J	0.0396 J	0.0233 - 0.0258	0.0330	0.0227
NAPHTHALENE	1/6	0	3.6	0.0369 J	0.0369 J	0.00736 - 0.00966	0.0369	0.0095
PYRENE	2/6	0	1700	0.0287 J	0.0351 J	0.0221 - 0.0244	0.0319	0.0185
Volatile Organics (MG/KG)								
1,1,2-TRICHLOROTRIFLUOROETHANE	1/6	0	43000	0.000891 J	0.000891 J	0.000865 - 0.00096	0.00089	0.00053
1,4-DICHLOROBENZENE	1/6	0	2.4	0.000131 J	0.000131 J	0.000124 - 0.000137	0.00013	0.00008
ACETONE	3/6	0	61000	0.00795 J	0.0121 J	0.00717 - 0.00793	0.01025	0.00703
BENZENE	1/6	0	1.1	0.00221 J	0.00221 J	0.000371 - 0.00041	0.00221	0.00053
BROMOMETHANE	1/5	0	7.3	0.0164 J	0.0164 J	0.00371 - 0.00957	0.01640	0.00542
CHLOROFORM	1/6	0	0.29	0.000948 J	0.000948 J	0.000865 - 0.00096	0.00095	0.00054
CHLOROMETHANE	1/6	0	120	0.00233 J	0.00233 J	0.00111 - 0.00147	0.00233	0.00091
METHYLENE CHLORIDE	1/6	0	11	0.00137 J	0.00137 J	0.00124 - 0.00137	0.00137	0.00077
TOLUENE	2/6	0	5000	0.00567 J	0.0436	0.000618 - 0.000683	0.02464	0.00843

NC-No Criteria
J-Estimated value

TABLE 3.4-1

STUDY AREA 04
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0114	0771	1562	1569	1570	1872	2060	2071	2073	2093	2152
Sample ID		0114SG001	0771SG001	1562SG001	1569SG001	1570SG001	1872SG001	2060SG001	2071SG001	2073SG001	2093SG001	2152SG001
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL		RESIDENTIAL	RESIDENTIAL
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090110	20090128	20090223	20090203	20090318	20090202	20090122	20090309	20090121	20090218	20090422
Study Area		STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID		6113025904105	6322549836110	6323565566808	6320517011745	6320709817203	6328050001755	6325574507169	6320714773263	6320957023172	6321904016183	6321312817150
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of a screening level												
Volatile Organics (UG/M3)												
1,1,1-TRICHLOROETHANE	52000	0.15 U	0.241 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 J	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.201	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.731	0.648	0.594	0.6	0.08 U	0.664 J	0.618 J	0.08 U	0.426	0.877	0.64
1,2,3-TRICHLOROBENZENE	NC	0.4 U	0.4 U	1.65	0.4 U	0.4 U	0.4 U	0.4 UR	0.4 U	0.4 U	0.4 U	0.4 U
1,2,4-TRICHLOROBENZENE	21	0.19 U	0.19 U	1.16	0.19 U	1.37 U	0.19 U	0.19 UR	3.41 U	0.19 U	1.45	0.19 U
1,2,4-TRIMETHYLBENZENE	73	0.48	0.776	15.3	0.225	0.172 U	0.353 J	2.17 J	0.05 U	0.695	0.241	0.05 U
1,2-DICHLOROBENZENE	2100	0.1 U	0.1 U	0.143 J	0.1 U	0.345 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.19 J	0.1 U
1,2-DICHLOROETHANE	0.94	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.112 J	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	**4.25 [R]**	0.938	0.09 U	**3.16 [R]**	0.09 U	0.431 J	0.915 J	0.09 U	1.32	0.54	0.09 U
1,3,5-TRIMETHYLBENZENE	NC	0.155 J	0.294	5.35	0.0854 J	0.128 J	0.0721 J	0.358 J	0.05 U	0.217	0.165 J	0.05 U
1,3-DICHLOROBENZENE	NC	0.09 U	0.09 U	0.125 J	0.09 U	0.295 U	0.09 U	0.09 UJ	0.438 U	0.09 U	0.151 J	0.09 U
1,4-DICHLOROBENZENE	2.2	0.09 U	0.09 U	0.504	0.09 U	0.55 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.576	0.09 U
2-BUTANONE	52000	3.55	15	4.47	1.05	0.33 U	1.49 J	1.08 J	1.34	1.98	0.365 J	0.33 U
ACETONE	320000	21.6	89.8	1.06 U	10.6	1.06 U	6.99 J	21.8 J	6.21	85.7	3.7	3.51
ACETONITRILE	630	0.885	0.736 J	0.38 U	0.38 U	0.38 U	0.38 U	0.395 J	0.38 U	1.4	0.38 U	0.38 U
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 UR	1.02 U	1.02 U	34.8	1.02 U
ACROLEIN	0.21	**2.13 [R]**	**0.844 J [R]**	0.41 U	0.41 U	0.41 U	**0.619 J [R]**	**1.53 J [R]**	0.41 U	**5.56 [R]**	0.41 U	0.41 U
ACRYLONITRILE	0.36	0.233 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	3.1	2.93	**5.26 [R]**	**345 [R]**	0.269	0.03 U	0.282 J	0.713 J	0.307 U	1.09	0.23	0.604
CARBON DISULFIDE	7300	1.36	0.797	0.425	1.03	0.1 U	0.31 J	0.464 J	0.1 U	0.712	0.1 U	1.01
CARBON TETRACHLORIDE	1.6	0.59	0.266 J	0.13 U	0.228 J	0.13 U	0.13 U	0.13 UJ	0.13 U	0.372	0.147 J	0.13 U
CHLOROFORM	1.1	0.11 U	0.22 J	0.11 U	0.127 J	0.11 U	0.11 U	0.434 J	0.11 U	0.155 J	0.641	**2.45 [R]**
CHLOROMETHANE	940	0.07 U	0.227	0.07 U	0.07 U	0.07 U	0.07 U	0.212 J	0.07 U	1.12	0.07 U	0.07 U
CYCLOHEXANE	63000	0.11 U	2.61	678	0.336	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	7.07	0.11 U
DICHLORODIFLUOROMETHANE	2100	2.68	2.69	2.59	2.47	0.18 U	2.17 J	2.82 J	0.18 U	1.49	1.73	2.25
ETHYLBENZENE	9.7	2.88	0.493	**57 [R]**	0.276	0.03 U	0.172 J	0.836 J	0.329 U	0.476	0.123 J	**23.3 [R]**
HEXACHLOROBUTADIENE	1.1	0.378 J	0.24 U	**1.17 [R]**	0.24 U	1.7 U	0.24 U	0.24 UJ	2.66 U	0.24 U	**1.63 [R]**	0.24 U
HEXANE	7300	0.331 J	1.14	**7690 [R]**	0.19 J	0.17 U	0.497 J	0.814 J	0.17 U	0.798	0.541	0.17 U
ISOBUTANOL	NC	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	1.37 J	0.46 UJ	0.46 U	7.66	0.924	0.46 U
ISOPROPYLBENZENE	4200	0.204	0.07 U	7.62	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.744
M+P-XYLENES	7300	2.23	1.64	128	0.42	0.174 J	0.528 J	3.21 J	0.654 U	1.68	0.674	34.4
METHYL CYCLOHEXANE	NC	0.243	0.847	383	0.134 J	0.08 U	0.08 U	0.18 J	0.08 U	4.04	0.08 U	0.08 U
METHYLENE CHLORIDE	52	0.599	0.801	0.08 U	0.533	0.08 U	0.166 J	1.53 J	0.08 U	1.21	0.08 U	0.08 U
O-XYLENE	7300	0.914	0.761	61.5	0.257	0.104 J	0.321 J	1.28 J	0.06 U	0.551	0.171 J	18.8
STYRENE	10000	30.6	1.35	75.5	1.99	0.07 U	0.471 J	0.07 UJ	0.97	0.902	0.07 U	120
TETRACHLOROETHENE	4.1	**17.5 [R]**	**15.1 [R]**	1.45 U	**5.47 [R]**	1.45 U	3.77 J	**5.18 J [R]**	**9.41 [R]**	**4.26 [R]**	**52.9 [R]**	**7.21 [R]**
TOLUENE	52000	3.58	4.47	350	1.62	0.04 U	1.03 J	3.14 J	1.02	47.8	2.73	0.805
TRICHLOROFLUOROMETHANE	7300	2.65	2.58	23.4	1.86	0.31 U	10.7 J	5.9 J	3.47	1.2	2.89	1.91

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[R]-Exceeds Soil Gas RSL

TABLE 3.4-2

STUDY AREA 04
SOIL GAS - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil Gas RSL	Soil Gas RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Volatile Organics (UG/M3)								
1,1,1-TRICHLOROETHANE	2/11	0	52000	0.15 J	0.241 J	0.15 - 0.15	0.20	0.10
1,1,2,2-TETRACHLOROETHANE	1/11	0	0.42	0.201	0.201	0.04 - 0.04	0.20	0.04
1,1,2-TRICHLOROTRIFLUOROETHANE	9/11	0	310000	0.426	0.877	0.08 - 0.08	0.64	0.53
1,2,3-TRICHLOROBENZENE	1/10	--	NC	1.65	1.65	0.4 - 0.4	1.65	0.35
1,2,4-TRICHLOROBENZENE	2/10	0	21	1.16	1.45	0.19 - 3.41	1.31	0.56
1,2,4-TRIMETHYLBENZENE	8/11	0	73	0.225	15.3	0.05 - 0.172	2.53	1.85
1,2-DICHLOROBENZENE	2/11	0	2100	0.143 J	0.19 J	0.1 - 0.345	0.17	0.08
1,2-DICHLOROETHANE	1/11	0	0.94	0.112 J	0.112 J	0.1 - 0.1	0.11	0.06
1,2-DICHLOROPROPANE	7/11	2	2.4	0.431 J	4.25	0.09 - 0.09	1.65	1.07
1,3,5-TRIMETHYLBENZENE	9/11	0	NC	0.0721 J	5.35	0.05 - 0.05	0.76	0.62
1,3-DICHLOROBENZENE	2/11	--	NC	0.125 J	0.151 J	0.09 - 0.438	0.14	0.09
1,4-DICHLOROBENZENE	2/11	0	2.2	0.504	0.576	0.09 - 0.55	0.54	0.16
2-BUTANONE	9/11	0	52000	0.365 J	15	0.33 - 0.33	3.37	2.79
ACETONE	9/11	0	320000	3.51	89.8	1.06 - 1.06	27.77	22.82
ACETONITRILE	4/11	0	630	0.395 J	1.4	0.38 - 0.38	0.85	0.43
ACETOPHENONE	1/10	--	NC	34.8	34.8	1.02 - 1.02	34.80	3.94
ACROLEIN	5/11	5	0.21	0.619 J	5.56	0.41 - 0.41	2.14	1.08
ACRYLONITRILE	1/11	0	0.36	0.233 J	0.233 J	0.2 - 0.2	0.23	0.11
BENZENE	9/11	2	3.1	0.23	345	0.03 - 0.307	39.60	32.41
CARBON DISULFIDE	8/11	0	7300	0.31 J	1.36	0.1 - 0.1	0.76	0.57
CARBON TETRACHLORIDE	5/11	0	1.6	0.147 J	0.59	0.13 - 0.13	0.32	0.18
CHLOROFORM	6/11	1	1.1	0.127 J	2.45	0.11 - 0.11	0.67	0.39
CHLOROMETHANE	3/11	0	940	0.212 J	1.12	0.07 - 0.07	0.52	0.17
CYCLOHEXANE	4/11	0	63000	0.336	678	0.11 - 0.11	172.00	62.58
DICHLORODIFLUOROMETHANE	9/11	0	2100	1.49	2.82 J	0.18 - 0.18	2.32	1.92
ETHYLBENZENE	9/11	2	9.7	0.123 J	57	0.03 - 0.329	9.51	7.79
HEXACHLOROBUTADIENE	3/11	2	1.1	0.378 J	1.63	0.24 - 2.66	1.06	0.55
HEXANE	8/11	1	7300	0.19 J	7690	0.17 - 0.17	961.79	699.51
ISOBUTANOL	3/11	--	NC	0.924	7.66	0.46 - 0.46	3.32	1.07
ISOPROPYLBENZENE	3/11	0	4200	0.204	7.62	0.07 - 0.07	2.86	0.80
M+P-XYLENES	10/11	0	7300	0.174 J	128	0.654 - 0.654	17.30	15.75
METHYL CYCLOHEXANE	6/11	--	NC	0.134 J	383	0.08 - 0.08	64.74	35.33
METHYLENE CHLORIDE	6/11	0	52	0.166 J	1.53 J	0.08 - 0.08	0.81	0.46
O-XYLENE	10/11	0	7300	0.104 J	61.5	0.06 - 0.06	8.47	7.70
STYRENE	8/11	0	10000	0.471 J	120	0.07 - 0.07	28.97	21.08
TETRACHLOROETHENE	9/11	8	4.1	3.77 J	52.9	1.45 - 1.45	13.42	11.11
TOLUENE	10/11	0	52000	0.805	350	0.04 - 0.04	41.62	37.84
TRICHLOROFLUOROMETHANE	10/11	0	7300	1.2	23.4	0.31 - 0.31	5.66	5.16

NC-No Criteria
J-Estimated value

TABLE 3.4-3

STUDY AREA 04
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0114	0114	0114	0114	0771	1562	1566	1569	1570	1809	1872
Sample ID						0114TW001	0114TW002	0114TW002-AVG	0114TW002-D	0771TW001	1562TW001	1566TW001	1569TW001	1570TW001	1809TW001	1872TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II-RESAMPLE	PHASE II-RESAMPLE	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20081213	20090418	20090418	20090418	20090126	20090223	20090529	20090203	20090319	20081003	20081025
Study Area						STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID						6113025904105	6113025904105	6113025904105	6113025904105	6322549836110	6323565566808	6320703211869	6320517011745	6320709817203	6350014404206	6328050001755
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																
Blank Cells indicate that parameter was not analyzed.																
Dioxins/Furans (NG/L)																
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.0021 J				0.0013 U	0.0011 U	0.0025 U	0.00056 U	0.0006 U	0.0085 U	0.0025 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.000222 U				0.0003 U	0.000524 U	0.00036 U	0.00015 U	0.00025 U	0.0016 U	0.00049 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	**0.0086 J [R]**				0.00035 U	0.000262 U	0.000574 U	0.00025 U	0.00025 U	0.0019 U	0.00052 U
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00025 U				0.00025 U	0.00043 U	0.000263 U	0.0002 U	0.00033 U	0.0019 U	0.00042 U
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.0013 U				0.0003 J	0.000214 U	0.00048 U	0.00013 U	0.0002 U	0.0016 U	0.00037 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00025 U				0.00025 J	0.000453 U	0.00029 U	0.00013 U	0.0003 U	0.0014 U	0.00059 J
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00042 U				0.00027 U	0.00029 U	0.000622 U	0.00018 J	0.00025 U	0.0022 U	0.00049 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.00047 U				0.00067 U	0.000763 U	0.00048 U	0.00018 U	0.00088 U	0.001139 U	**0.00061 J [R]**
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.00057 U				0.0005 U	0.00033 U	0.00062 J	0.000152 U	0.00025 U	0.000291 U	0.000171 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00037 U				0.00022 U	0.000262 U	0.000574 U	0.00025 U	0.00023 U	0.0019 U	0.00042 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.000222 U				0.0003 J	0.00048 J	0.00038 J	0.00028 U	0.00028 U	0.000412 U	0.0002 U
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.00022 U				0.00047 U	0.000262 U	0.00072 J	0.0002 U	0.00053 U	0.000291 U	0.0002 U
TEQ	NC	0.00052	0.052	0.37	NC	**0.000861 [R]**				0.000355	0.00048	0.000471	0.000018	0.00028 U	0.000412 U	**0.000669 [R]**
TOTAL HPCDD	NC	NC	NC	NC	NC	0.002 J				0.0018 J	0.0013 J	0.0016 J	0.0018 J	0.0023 J	0.004025 U	0.0015 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0036 J				0.0017 J	0.0035 J	0.0025 J	0.00058 J	0.0005 J	0.0064 U	0.001914 U
TOTAL HXCDD	NC	NC	NC	NC	NC	0.00067 J				0.0008 U	0.001406 U	0.00089 U	0.00043 J	0.00088 J	0.0043 U	0.001349 U
TOTAL HXCDF	NC	NC	NC	NC	NC	0.011 J				0.00095 J	0.001025 U	0.002249 U	0.00079 J	0.000901 U	0.007542 U	0.0017 U
TOTAL PECDD	NC	NC	NC	NC	NC	0.00047 U				0.00067 U	0.000763 U	0.00048 U	0.00018 U	0.00088 U	0.001139 U	0.00061 J
TOTAL PECDF	NC	NC	NC	NC	NC	0.00096 J				0.0011 J	0.001 J	0.0012 J	0.00056 J	0.0005 U	0.00097 J	0.00037 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.00072 J				0.0009 U	0.00079 U	0.000933 U	0.00084 U	0.00083 U	0.001236 U	0.00059 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.00044 J				0.00055 J	0.000524 U	0.00091 J	0.000304 U	0.00065 J	0.000582 U	0.000392 U
Volatile Organics (UG/L)																
1,1-DICHLOROETHENE	7	340	NC	3400	420	0.13 U				0.14 U	0.14 U	0.284 J	0.14 U	0.14 U	0.13 U	0.13 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	**0.134 J [R]**				**0.216 J [R]**	0.1 U	**0.225 J [R]**	0.1 U	**0.645 [R]**	0.12 U	**0.299 J [R]**
BROMOFORM	80	8.5	850	7300	NC	3.01				1.22	1.23	3.5	1.45	2.55	0.06 U	1.3
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	**0.567**				**0.535**	**1.01 [R]**	**1.03 [R]**	**0.567**	**1.42 [R]**	0.14 U	**0.753**
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U				0.13 J	0.09 U	**0.255 J [R][INH]**	0.09 U	**0.363 [R][INH]**	0.09 U	0.09 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.07 U				0.1 U	0.1 U	**0.304 J [R]**	0.1 U	0.1 U	0.0792 J	0.07 U
TOLUENE	1000	2300	NC	23000	10000	0.17 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.17 U
TRICHLOROETHENE	5	C	200	NC	2.4	0.13 U				0.13 U	0.13 U	0.676 J	0.13 U	0.13 U	0.13 U	0.13 U
Semivolatile Organics (UG/L)																
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC	1.39 U				1.34 UJ					1.68 J	1.4 U
Radiological Parameters (PCI/L)																
GROSS ALPHA	15	NC	NC	NC	NC	6.5				1.6 U	2.95 U	2.69	1.4 U	1.65 U	2.4	1.4 U
GROSS BETA	8	NC	NC	NC	NC	**15.4 [F]**				6.2 U	2.75 U	**10.4 [F]**	5.9 U	7.38	**15.4 [F]**	5.7 U
Inorganics (UG/L)																
ALUMINUM	NC	37000	NC	370000	NC	3.06				8.13	6.34	3.43	8.09	3.09	11.1	2.86
ANTIMONY	6	15	NC	150	NC	0.14 U				0.333	0.14 U	0.14 U	0.14 U	0.14 U	0.298	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**4.13 [R]**				**3.71 [R]**	**6.12 [R][C]**	**4.61 J [R][C]**	**3.94 [R]**	**4.77 [R][C]**	**6.22 [R][C]**	**4.11 [R]**
BARIUM	2000	7300	NC	73000	NC	16				23.6	15.9	16.1	14.3	17.2	28.6	15.8
BERYLLIUM	4	73	NC	730	NC	0.03 U				0.03 U	0.03 U	0.0438	0.03 U	0.03 U	0.0301	0.03 U
CADMIUM	5	18	NC	180	NC	0.04 U				0.04 U	0.04 U	0.04 U	0.0481	0.04 U	0.14	0.04 U
CALCIUM	NC	NC	NC	NC	NC	125				70	129	102	102	112	196	
CHROMIUM	100	NC	NC	NC	NC	1.23 U				0.597	0.93 U	0.291 J	0.322	0.372 U	1.46	0.15 U
COBALT	NC	11	NC	110	NC	0.0526				1.89	0.03 U	0.0785 J	0.0406	0.0751	0.108	0.03 U
COPPER	1300	1500	NC	15000	NC	22.4				64.6	53.2 J	166	170	116	157	9.25
IRON	NC	26000	NC	260000	NC	21.4				10.8	62.6 J	4.7 U	32.2	39.1	592	6.39
LEAD	15	NC	NC	NC	NC	1.89				0.488	0.765	1.08	9.09	0.626	10.7	0.423
MAGNESIUM	NC	NC	NC	NC	NC	21.6				22.6	29.9	23.1	24.1	25.9	41.4	
MANGANESE	NC	880	NC	8800	NC	0.414				1.76	1.98 J	8.69 J	0.513	3.06	3.44	0.919
MERCURY	2	0.57	NC	5.7	0.63	0.023				0.015 U	0.015 U	0.023	0.017	0.015 U	0.015 U	0.015 U
NICKEL	NC	730	NC	7300	NC	1.1				1.26 J	12.5 J	0.751 J	141	1.59	11.5	0.585
POTASSIUM	NC	NC	NC	NC	NC	5.79				1.28	2.51	12.2	1.21	4.24	13.8	
SELENIUM	50	180	NC	1800	NC	0.328				0.2 U	0.204	0.387 J	0.2 U	0.2 U	0.269	0.2 U
SODIUM	NC	NC	NC	NC	NC	18.3				4.42	8.32	19.3	4.37	9.08	93.9	
THALLIUM	2	NC	NC	NC	NC	0.175 U				0.04 U	0.204 U	0.163	0.04 U	0.04 U	0.04 U	0.0828 U
TIN	NC	22000	NC	220000	NC	0.104				0.1 U	0.101	0.104	0.1 U	0.1 U	0.962	0.1 U
URANIUM	30	1.63	163	1100	NC	1.56				0.626	1	**4.12**	0.869	**1.67**	**4.35**	1.18
VANADIUM	NC	180	NC	2600	NC	3.48 U				1.22	1.8 J	2.26 J	1 U	1 U	7.32 U	3.06
ZINC	NC	11000	NC	110000	NC	679				125 J	148 J	57.4	335	825	932	58.7

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C]-Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds 10x Inhalation Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE 3.4-3

STUDY AREA 04
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0114	0114	0114	0114	0771	1562	1566	1569	1570	1809	1872
Sample ID						0114TW001	0114TW002	0114TW002-AVG	0114TW002-D	0771TW001	1562TW001	1566TW001	1569TW001	1570TW001	1809TW001	1872TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II-RESAMPLE	PHASE II-RESAMPLE	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20081213	20090418	20090418	20090418	20090126	20090223	20090529	20090203	20090319	20081003	20081025
Study Area						STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID						6113025904105	6113025904105	6113025904105	6113025904105	6322549836110	6323565566808	6320703211869	6320517011745	6320709817203	6350014404206	6328050001755
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																
Blank Cells indicate that parameter was not analyzed.																
Microbiological Parameters																
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <				1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)																
CHLORIDE	NC	NC	NC	NC	NC	28.8				8.57	12.8	25.7 J	7.51	13.6	207	10.7
FLUORIDE	4	1.5	NC	15	NC	0.302				0.2 U	0.2 U	0.381	0.2 U	0.217	0.518	0.2 U
NITRATE	44.3	58	NC	580	NC	8.88 J				3.34	3.53	19.1 J	3.1	6.9	11.1 J	3.51 J
SULFATE	NC	NC	NC	NC	NC	11.6				8.51	8.72	33.1	9.07	13.9	32.4	10.3
Field Parameters																
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.08	0.1	0.1		0.08	0.14	0.14	0.12	0.02	0.04	0.1
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	10.21	9.42	9.42		7.25	9.93	7.27	7.75	5.76	6.44	9.97
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	541	330	330		585	582	451	574	273	530	525
PH (S.U.)	NC	NC	NC	NC	NC	7.38	7.28	7.28		7.41	7.2	7.13	7.32	7.37	6.89	6.59
SALINITY (%)	NC	NC	NC	NC	NC	0	0	0		0	0	0.02	0	0.02	0.1	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.895	0.885	0.885		0.73	0.874	0.775	0.72	0.771	1.8	0.83
TEMPERATURE (C)	NC	NC	NC	NC	NC	12.99	17.72	17.72		14.59	9.6	20.67	13.58	16.86	20.94	17.26
TURBIDITY (NTU)	NC	NC	NC	NC	NC	0	1.8	1.8		0	35.9	0	0	0.3		4.2

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C]-Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds 10x Inhalation Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE 3.4-3

STUDY AREA 04
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	2060 2060TW001 PHASE II 20090122 STUDY AREA 04 6325574507169 PUBLIC	2071 2071TW001 RESIDENTIAL PHASE II 20090309 STUDY AREA 04 6320714773263 PUBLIC	2073 2073TW001 PHASE II 20090121 STUDY AREA 04 6320957023172 PUBLIC	2093 2093TW001 RESIDENTIAL PHASE II 20090202 STUDY AREA 04 6321904016183 PUBLIC	2152 2152TW001 RESIDENTIAL PHASE II 20090422 STUDY AREA 04 6321312817150 PUBLIC	2153 2153TW001 UNKNOWN PHASE II 20090507 STUDY AREA 04 6321100403560 PUBLIC
Shaded cell indicates exceedances of screening level											
Blank Cells indicate that parameter was not analyzed.											
Dioxins/Furans (NG/L)											
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.0017 U	0.00088 U	0.001145 U	0.0008 U	0.0026 U	0.0013 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.000443 U	0.00061 J	0.000611 U	0.000073 U	0.00041 J	0.0006 J
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000394 U	0.00028 U	0.00031 U	0.00015 U	0.00085 U	0.00088 U
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00037 J	0.000504 U	0.00051 U	0.000073 U	0.00053 U	0.00033 J
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00032 U	0.0005 U	0.000254 U	0.00019 U	0.00051 U	0.00069 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00037 U	0.00053 U	0.000534 U	0.000073 U	0.00027 U	0.00053 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.000443 U	0.00083 U	0.000331 U	0.00017 U	0.00027 U	0.00029 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.0003 U	0.000681 U	0.000814 U	0.00017 U	0.00102 U	0.00048 J
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.00027 U	0.00028 U	0.000203 U	0.000194 U	0.00065 U	0.00081 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000394 U	0.00028 U	0.00031 U	0.00015 U	0.00027 J	0.000263 J
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00037 U	0.00058 U	0.000331 U	0.00039 J	0.00044 J	0.0005 J
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.00025 U	0.00061 U	0.00023 U	0.00019 U	0.00048 U	0.0005 U
TEQ	NC	0.00052	0.052	0.37	NC	0.000037	0.000061	0.000331 U	0.00039	0.000508	**0.001099 [R]**
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0012 J	0.0061 J	0.0012 J	0.0011 J	0.0012 J	0.001 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.001329 U	0.0013 J	0.00076 J	0.00063 J	0.004 J	0.0018 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.0012 U	0.00164 U	0.0017 U	0.00022 U	0.0011 J	0.0015 J
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0016 U	0.0018 J	0.0012 U	0.00061 U	0.0018 J	0.0019 J
TOTAL PECDD	NC	NC	NC	NC	NC	0.0003 U	0.000681 U	0.000814 U	0.00017 U	0.00102 U	0.00048 J
TOTAL PECDF	NC	NC	NC	NC	NC	0.00062 J	0.00056 J	0.00056 J	0.00039 U	0.0017 J	0.0015 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.001108 U	0.001741 U	0.000993 U	0.00073 U	0.00094 J	0.000931 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.000492 U	0.00071 J	0.00046 U	0.00039 J	0.00065 J	0.00074 J
Volatile Organics (UG/L)											
1,1-DICHLOROETHENE	7	340	NC	3400	420	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	**0.125 J [R]**	0.1 U	**0.268 J [R]**	0.1 U	0.1 U	**0.185 J [R]**
BROMOFORM	80	8.5	850	7300	NC	2.19	1.92	2.18	1.71	0.713 J	1.37
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	**0.438 J**	**0.701**	**1.05 [R]**	**0.918 [R]**	**0.358 J**	**0.63**
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	**0.216 J [R][INH]**	0.103 J	0.09 U	0.09 U	0.09 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TOLUENE	1000	2300	NC	23000	10000	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.225 J
TRICHLOROETHENE	5	C	200	NC	2.4	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Semivolatile Organics (UG/L)											
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC	1.42 U		1.44 U			
Radiological Parameters (PCI/L)											
GROSS ALPHA	15	NC	NC	NC	NC	1.4 U	2.98 U	1.6 U	1.9 U	2.08 U	2.58 U
GROSS BETA	8	NC	NC	NC	NC	4.9 U	4.13	5.4 U	5.7 U	2.47 U	2.34 UJ
Inorganics (UG/L)											
ALUMINUM	NC	37000	NC	370000	NC	5.33	2.24	2.94	4.48	7.91 U	5.51
ANTIMONY	6	15	NC	150	NC	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.951
ARSENIC	10	0.045	4.5	110	NC	**8.37 [R][C]**	**6.57 [R][C]**	**7.83 [R][C]**	**3.61 [R]**	**2.6 [R]**	**6.03 [R][C]**
BARIUM	2000	7300	NC	73000	NC	16	14.9	15.3	13.9	13.1	57.7
BERYLLIUM	4	73	NC	730	NC	0.03 U	0.03 U	0.03 U	0.03 U	0.0592 U	0.0394
CADMIUM	5	18	NC	180	NC	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.35
CALCIUM	NC	NC	NC	NC	NC	115	91.4	109	102	106	118
CHROMIUM	100	NC	NC	NC	NC	0.15 U	0.673	0.15 U	0.326	1.26	0.345
COBALT	NC	11	NC	110	NC	0.063	0.03 U	0.0697	0.03 U	0.0724	5.97
COPPER	1300	1500	NC	15000	NC	52.3	66.7	30	111	19.5	443
IRON	NC	26000	NC	260000	NC	5.62	39.4 J	10.4	5.52	16.4	89.8
LEAD	15	NC	NC	NC	NC	1.42	1.02 U	2.54	0.962	2.01	13.2
MAGNESIUM	NC	NC	NC	NC	NC	26.6	19.2	25.5	23.9	23.9	26.4
MANGANESE	NC	880	NC	8800	NC	0.12	3	0.581	1.33	2.35	244 J
MERCURY	2	0.57	NC	5.7	0.63	0.041	0.091 J	0.043	0.032	0.02	0.019
NICKEL	NC	730	NC	7300	NC	1.19	1.11 U	4.41	43	33.8	324
POTASSIUM	NC	NC	NC	NC	NC	2.2	10.8	1.58	1.15	1.15	1.78
SELENIUM	50	180	NC	1800	NC	0.2 U	0.334	0.2 U	0.249	0.358	0.2 U
SODIUM	NC	NC	NC	NC	NC	5.65	17	5.4	4.3	4.3	5.97
THALLIUM	2	NC	NC	NC	NC	0.04 U	0.342 U	0.04 U	0.04 U	0.468	0.04 U
TIN	NC	22000	NC	220000	NC	0.198 U	0.1 U	2.09	0.1 U	0.228	10.1
URANIUM	30	1.63	163	1100	NC	0.878	**3.45**	0.849	0.848	0.902	0.775
VANADIUM	NC	180	NC	2600	NC	3.1	2.05	1.75	1 U	1.54	1 U
ZINC	NC	11000	NC	110000	NC	300	33.9	160	237	71.8	2680 J

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C]-Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds 10x Inhalation Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE 3.4-3

STUDY AREA 04
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						2060	2071	2073	2093	2152	2153
Sample ID						2060TW001	2071TW001	2073TW001	2093TW001	2152TW001	2153TW001
Residential / Government							RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	UNKNOWN
Event	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date						20090122	20090309	20090121	20090202	20090422	20090507
Study Area						STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID						6325574507169	6320714773263	6320957023172	6321904016183	6321312817150	6321100403560
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level											
Blank Cells indicate that parameter was not analyzed.											
Microbiological Parameters											
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <	1 <	1 <	**2 [F]**	1 <	1 <
Miscellaneous Parameters (MG/L)											
CHLORIDE	NC	NC	NC	NC	NC	9.53	12.4	8.99	7.26	7.76	12.8
FLUORIDE	4	1.5	NC	15	NC	0.2 U	0.213	0.2 U	0.2 U	0.2 U	0.2 U
NITRATE	44.3	58	NC	580	NC	3.18	6.17	3.26	3.04	3.01	3.42
SULFATE	NC	NC	NC	NC	NC	8.73	12.7	8.31	9.08	8.43	7.79
Field Parameters											
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.02	0.06	0.16	0.12		0.12
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	9.74	7.78	7.47	9.69	6.49	6.46
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	409	332	588	592	521	534
PH (S.U.)	NC	NC	NC	NC	NC	7.38	7.41	7.2	7.22	7.34	7.15
SALINITY (%)	NC	NC	NC	NC	NC	0	0.02	0	0	0.02	0.02
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.784	0.66	0.75	0.727	0.685	0.794
TEMPERATURE (C)	NC	NC	NC	NC	NC	11.83	14.37	13.6	11.2	17.14	19.07
TURBIDITY (NTU)	NC	NC	NC	NC	NC	1.3	0	3	12.3	0.2	0

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C]-Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[INH]-Exceeds 10x Inhalation Tap Water RSL
[R]-Exceeds Tap Water RSL

TABLE 3.4-4

STUDY AREA 04
TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)																
1,2,3,4,6,7,8,9-OCDF	1/14	--	NC	0	1.7	0	170	--	NC	--	NC	0.0021 J	0.0021 J	0.00056 - 0.0085	0.0021	0.0011
1,2,3,4,7,8-HXCDD	3/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00041 J	0.00061 J	0.000073 - 0.0016	0.0005	0.0003
1,2,3,4,7,8-HXCDF	1/14	--	NC	1	0.0052	0	0.52	--	NC	--	NC	0.0086 J	0.0086 J	0.00015 - 0.0019	0.0086	0.0009
1,2,3,6,7,8-HXCDD	2/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00033 J	0.00037 J	0.000073 - 0.0019	0.0004	0.0003
1,2,3,6,7,8-HXCDF	1/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.0003 J	0.0003 J	0.00013 - 0.0016	0.0003	0.0003
1,2,3,7,8,9-HXCDD	2/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00025 J	0.00059 J	0.000073 - 0.0014	0.0004	0.0002
1,2,3,7,8,9-HXCDF	1/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00018 J	0.00018 J	0.00017 - 0.0022	0.0002	0.0003
1,2,3,7,8-PECDD	2/14	--	NC	1	0.00052	0	0.052	--	NC	--	NC	0.00048 J	0.00061 J	0.00017 - 0.001139	0.0005	0.0003
1,2,3,7,8-PECDF	1/14	--	NC	0	0.017	0	1.7	--	NC	--	NC	0.00062 J	0.00062 J	0.000152 - 0.00081	0.0006	0.0002
2,3,4,6,7,8-HXCDF	2/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.000263 J	0.00027 J	0.00015 - 0.0019	0.0003	0.0002
2,3,7,8-TCDD	6/14	0	0.03	0	0.00052	0	0.052	0	0.37	--	NC	0.0003 J	0.0005 J	0.0002 - 0.00058	0.0004	0.0003
2,3,7,8-TCDF	1/14	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00072 J	0.00072 J	0.00019 - 0.00061	0.0007	0.0002
TEQ	11/14	--	NC	3	0.00052	0	0.052	0	0.37	--	NC	0.000018	0.0010993	0.00028 - 0.000412	0.0004	0.0004
TOTAL HPCDD	13/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.001 J	0.0061 J	0.004025 - 0.004025	0.0019	0.0019
TOTAL HPCDF	11/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.0005 J	0.004 J	0.001329 - 0.0064	0.0019	0.0018
TOTAL HXCDD	5/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.00043 J	0.0015 J	0.00022 - 0.0043	0.0009	0.0008
TOTAL HXCDF	6/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.00079 J	0.011 J	0.00061 - 0.007542	0.0030	0.0019
TOTAL PECDD	2/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.00048 J	0.00061 J	0.00017 - 0.001139	0.0005	0.0003
TOTAL PECDF	12/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.00037 J	0.0017 J	0.00039 - 0.0005	0.0009	0.0008
TOTAL TCDD	2/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.00072 J	0.00094 J	0.00059 - 0.001741	0.0008	0.0005
TOTAL TCDF	8/14	--	NC	--	NC	--	NC	--	NC	--	NC	0.00039 J	0.00091 J	0.000304 - 0.000582	0.0006	0.0005
Field Parameters																
CHLORINE (MG/L)	14/14	0	4	0	3.7	--	NC	0	37	--	NC	0.02	0.16	-	0.09	0.09
DISSOLVED OXYGEN (MG/L)	15/15	--	NC	--	NC	--	NC	--	NC	--	NC	5.76	10.21	-	8.11	8.11
OXIDATION REDUCTION POTENTIAL (MV)	15/15	--	NC	--	NC	--	NC	--	NC	--	NC	273	592	-	491.13	491.13
PH (S.U.)	15/15	--	NC	--	NC	--	NC	--	NC	--	NC	6.59	7.41	-	7.22	7.22
SALINITY (%)	15/15	--	NC	--	NC	--	NC	--	NC	--	NC	0	0.1	-	0.01	0.01
SPECIFIC CONDUCTANCE (MS/CM)	15/15	--	NC	--	NC	--	NC	--	NC	--	NC	0.66	1.8	-	0.85	0.85
TEMPERATURE (C)	15/15	--	NC	--	NC	--	NC	--	NC	--	NC	9.6	20.94	-	15.43	15.43
TURBIDITY (NTU)	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	0	35.9	-	4.21	4.21
Inorganics (UG/L)																
ALUMINUM	13/14	--	NC	0	37000	--	NC	0	370000	--	NC	2.24	11.1	7.91 - 7.91	5.1	5.0
ANTIMONY	3/14	0	6	0	15	--	NC	0	150	--	NC	0.298	0.951	0.14 - 0.14	0.5	0.2
ARSENIC	14/14	0	10	14	0.045	8	4.5	0	110	--	NC	2.6	8.37	-	5.2	5.2
BARIUM	14/14	0	2000	0	7300	--	NC	0	73000	--	NC	13.1	57.7	-	19.9	19.9
BERYLLIUM	3/14	0	4	0	73	--	NC	0	730	--	NC	0.0301	0.0438	0.03 - 0.0592	0.0	0.0
CADMIUM	3/14	0	5	0	18	--	NC	0	180	--	NC	0.0481	0.35	0.04 - 0.04	0.2	0.1
CALCIUM	13/13	--	NC	--	NC	--	NC	--	NC	--	NC	70	196	-	113.6	113.6
CHROMIUM	8/14	0	100	--	NC	--	NC	--	NC	--	NC	0.291 J	1.46	0.15 - 1.23	0.7	0.5
COBALT	10/14	--	NC	0	11	--	NC	0	110	--	NC	0.0406	5.97	0.03 - 0.03	0.8	0.6
COPPER	14/14	0	1300	0	1500	--	NC	0	15000	--	NC	9.25	443	-	105.8	105.8
IRON	13/14	--	NC	0	26000	--	NC	0	260000	--	NC	5.52	592	4.7 - 4.7	71.7	66.7
LEAD	13/14	0	15	--	NC	--	NC	--	NC	--	NC	0.423	13.2	1.02 - 1.02	3.5	3.3
MAGNESIUM	13/13	--	NC	--	NC	--	NC	--	NC	--	NC	19.2	41.4	-	25.7	25.7
MANGANESE	14/14	--	NC	0	880	--	NC	0	8800	--	NC	0.12	244 J	-	19.4	19.4
MERCURY	9/14	0	2	0	0.57	--	NC	0	5.7	0	0.63	0.017	0.091 J	0.015 - 0.015	0.0	0.0
NICKEL	13/14	--	NC	0	730	--	NC	0	7300	--	NC	0.585	324	1.11 - 1.11	44.4	41.2
POTASSIUM	13/13	--	NC	--	NC	--	NC	--	NC	--	NC	1.15	13.8	-	4.6	4.6
SELENIUM	7/14	0	50	0	180	--	NC	0	1800	--	NC	0.204	0.387 J	0.2 - 0.2	0.3	0.2
SODIUM	13/13	--	NC	--	NC	--	NC	--	NC	--	NC	4.3	93.9	-	15.4	15.4
THALLIUM	2/14	0	2	0	NC	--	NC	0	NC	--	NC	0.163	0.468	0.04 - 0.342	0.3	0.1
TIN	7/14	--	NC	0	22000	--	NC	0	220000	--	NC	0.101	10.1	0.1 - 0.198	2.0	1.0
URANIUM	14/14	0	30	4	1.63	0	163	0	1100	--	NC	0.626	4.35	-	1.6	1.6
VANADIUM	8/14	--	NC	0	180	--	NC	0	2600	--	NC	1.22	3.1	1 - 7.32	2.1	1.7
ZINC	14/14	--	NC	0	11000	--	NC	0	110000	--	NC	33.9	2680 J	-	474.5	474.5
Microbiological Parameters																
TOTAL COLIFORM (CFU/100)	1/14	1	0	--	NC	--	NC	--	NC	--	NC	2	2	1 - 1	2	0.61
Miscellaneous Parameters (MG/L)																
CHLORIDE	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	7.26	207	-	26.67	26.67
FLUORIDE	5/14	0	4	--	1.5	--	NC	--	15	--	NC	0.213	0.518	0.2 - 0.2	0.33	0.18
NITRATE	14/14	0	44.3	0	58	--	NC	0	580	--	NC	3.01	19.1 J	-	5.82	5.82
SULFATE	14/14	--	NC	--	NC	--	NC	--	NC	--	NC	7.79	33.1	-	13.05	13.05

NC-No Criteria
J-Estimated value

TABLE 3.4-4

STUDY AREA 04
TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Semivolatile Organics (UG/L)																
BIS(2-ETHYLHEXYL)PHTHALATE	1/6	0	6	0	4.8	0	480	0	7300	--	NC	1.68 J	1.68 J	1.34 - 1.44	1.7	0.9
Volatile Organics (UG/L)																
1,1-DICHLOROETHENE	1/14	0	7	0	340	--	NC	0	3400	0	420	0.284 J	0.284 J	0.13 - 0.14	0.28	0.08
BROMODICHLOROMETHANE	8/14	0	80	8	0.12	0	12	0	7300	--	NC	0.125 J	0.645	0.1 - 0.12	0.26	0.17
BROMOFORM	13/14	0	80	0	8.5	0	850	0	7300	--	NC	0.713 J	3.5	0.06 - 0.06	1.87	1.74
CHLORODIBROMOMETHANE	13/14	0	80	13	0.15	0	15	0	7300	--	NC	0.358 J	1.42	0.14 - 0.14	0.77	0.72
CHLOROFORM	5/14	0	80	3	0.19	0	19	0	1300	3	0.21	0.103 J	0.363	0.09 - 0.09	0.21	0.11
TETRACHLOROETHENE	2/14	0	5	1	0.11	0	11	0	2200	0	0.82	0.0792 J	0.304 J	0.07 - 0.1	0.19	0.07
TOLUENE	1/14	0	1000	0	2300	--	NC	0	23000	0	10000	0.225 J	0.225 J	0.1 - 0.17	0.23	0.07
TRICHLOROETHENE	1/14	0	5	0	2	0	200	--	NC	0	2.4	0.676 J	0.676 J	0.13 - 0.13	0.68	0.11
Radiological Parameters (PCI/L)																
GROSS ALPHA	3/14	0	15	--	NC	--	NC	--	NC	--	NC	2.4	6.5	1.4 - 2.98	3.86	1.60
GROSS BETA	5/14	3	8	--	NC	--	NC	--	NC	--	NC	4.13	15.4	2.34 - 6.2	10.54	5.24

NC-No Criteria
J-Estimated value

TABLE 3.4-5

STUDY AREA 04
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0771	1562	1569	1872	2060	2060	2060	2073	2093
Sample ID		0771SS0010006	1562SS0010006	1569SS0010006	1872SS0010006	2060SS0010006	2060SS0010006-AVG	2060SS0010006-D	2073SS0010006	2093SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL					RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090126	20090223	20090203	20090202	20090122	20090122	20090122	20090121	20090202
Study Area		STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID		6322549836110	6323565566808	6320517011745	6328050001755	6325574507169	6325574507169	6325574507169	6320957023172	6321904016183
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level										
Dioxins/Furans (NG/KG)										
1,2,3,4,6,7,8,9-OCDD	15000	44	8.1 J	6.6 J	8.9 J	15	12.35 J	9.7 J	63	32
1,2,3,4,6,7,8,9-OCDF	15000	1.2 U	1.1 J	0.79 U	1.1 U	1.3 J	0.8475 J	0.79 U	5.2 J	1.4 U
1,2,3,4,6,7,8-HPCDD	450	6.8	1.7 U	1.3 J	2.2 J	3 J	1.95 J	1.8 U	8.9	5.7 J
1,2,3,4,6,7,8-HPCDF	450	2.2 U	0.83 U	1 U	1.5 U	2.3 J	1.3475 J	0.79 U	3.1 U	3.5 J
1,2,3,4,7,8,9-HPCDF	450	0.2 J	0.183 U	0.11 J	0.21 J	0.35 J	0.235 J	0.12 J	0.22 J	0.38 J
1,2,3,4,7,8-HXCDD	45	0.14 J	0.183 U	0.066 U	0.078 U	0.15 U	0.145 U	0.14 U	0.26 U	0.28 J
1,2,3,4,7,8-HXCDF	45	0.98 J	0.193 U	0.25 U	0.36 U	0.78 J	0.47 J	0.32 U	1.1 J	0.76 J
1,2,3,6,7,8-HXCDD	45	0.4 J	0.23 U	0.11 U	0.2 U	0.23 U	0.18 U	0.13 U	0.37 U	0.61 J
1,2,3,6,7,8-HXCDF	45	0.32 J	0.21 J	0.15 U	0.26 U	0.55 J	0.3375 J	0.25 U	0.7 J	0.69 J
1,2,3,7,8,9-HXCDD	45	0.34 J	0.19 J	0.079 U	0.23 J	0.2 J	0.13 J	0.12 U	0.16 J	0.41 J
1,2,3,7,8,9-HXCDF	45	0.091015 U	0.213 U	0.085 U	0.061 U	0.121 J	0.121 J	0.15 U	0.12 U	0.096 U
1,2,3,7,8-PECDF	150	0.32 J	0.083 J	0.29 J	0.37 J	0.48 J	0.27825 J	0.153 U	1.3	0.45 J
2,3,4,6,7,8-HXCDF	45	0.42 J	0.193 U	0.3 J	0.27 J	0.82 J	0.56 J	0.3 J	0.82 J	1.1 J
2,3,4,7,8-PECDF	15	0.45 U	0.12 U	0.25 U	0.3 U	0.61 J	0.375 J	0.28 U	0.87 J	0.59 U
2,3,7,8-TCDD	4.5	0.059 U	0.133 U	0.074 U	0.049 J	0.113 U	0.1265 U	0.14 U	0.1 U	0.072 U
TEQ	4.5	0.3528	0.04525	0.05478	0.13687	0.50589	0.321982	0.03411	0.68966	0.5039
TOTAL HPCDD	NC	13 J	3.2 J	2.6 J	3.8 J	6.3 J	5.1 J	3.9 J	16 J	11 J
TOTAL HPCDF	NC	5 J	1.7 J	1.8 J	2.6 J	4.3 J	2.95 J	1.6 J	7.2 J	6.5 J
TOTAL HXCDD	NC	4.9 J	1.8 J	1.6 J	2.7 J	4.2 J	3.15 J	2.1 J	3.8	7.7 J
TOTAL HXCDF	NC	5.5 J	1.3 J	2.1 J	3.2 J	6.8 J	5.05 J	3.3 J	11 J	11 J
TOTAL PECDD	NC	2 J	0.088 U	0.68 J	1.3 J	2.8 J	1.44 J	0.16 U	1 J	4.5 J
TOTAL PECDF	NC	5.6 J	0.2 J	1.3 J	2.7 J	7 J	4.2 J	1.4 J	14 J	8 J
TOTAL TCDD	NC	2.1 J	1 J	1.2 J	0.97 J	2.6	2.05 J	1.5 J	2.2	3.9
TOTAL TCDF	NC	4.9 J	0.91 J	1.8 J	3.2 J	6 J	3.25 J	0.5 J	7.4 J	7.7 J
Volatile Organics (MG/KG)										
ACETONE	61000	0.00782 U	0.0147 J	0.00797 U	0.00758 U	0.00772 U	0.007805 U	0.00789 U	0.00779 U	0.00756 U
BENZENE	1.1	0.000404 U	0.00378 J	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
TOLUENE	5000	0.000674 U	0.00627 J	0.000687 J	0.000654 U	0.000666 U	0.000673 U	0.00068 U	0.0089 J	0.000652 U
Semivolatile Organics (MG/KG)										
BAP EQUIVALENT	0.015	0.00029	0.0215 U	0.0233 U	0.0346 U	**0.024764 [R]**	**0.018557 [R]**	0.0229 U	0.0226 U	0.0367 U
BENZO(K)FLUORANTHENE	1.5	0.0263 J	0.0228 U	0.0247 U	0.0367 U	0.0241 J	0.0241 J	0.0242 U	0.0239 U	0.0389 U
BIS(2-ETHYLHEXYL)PHTHALATE	35	0.155 J	0.133 U	0.144 U	0.214 U	0.14 U	0.1405 U	0.141 U	0.14 U	0.227 U
CHRYSENE	15	0.0272 J	0.0165 U	0.0178 U	0.0265 U	0.0235 J	0.016125 J	0.0175 U	0.0173 U	0.0281 U
DI-N-BUTYL PHTHALATE	6100	0.0575 J	0.0544 U	0.059 U	0.0876 U	0.0575 J	0.0575 J	0.0579 U	0.0572 U	0.0929 U
DIBENZO(A,H)ANTHRACENE	0.015	0.0241 U	0.0228 U	0.0247 U	0.0367 U	**0.0245 J [R]**	**0.0183 J [R]**	0.0242 U	0.0239 U	0.0389 U
FLUORANTHENE	2300	0.0305 J	0.024 U	0.0261 U	0.0387 U	0.0254 U	0.0255 U	0.0256 U	0.0253 U	0.0411 U
PYRENE	1700	0.0261 J	0.0228 U	0.0247 U	0.0367 U	0.0241 J	0.0241 J	0.0242 U	0.0239 U	0.0389 U
Inorganics (MG/KG)										
ALUMINUM	77000	66100	39700	29900	41100	25400 J	24500 J	23600 J	24500	37600
ANTIMONY	31	0.636	0.449	0.34	0.407	0.476	0.4805	0.485	0.276	0.537
ARSENIC	0.39	**18.7 [R]**	**11.5 [R]**	**9.44 [R]**	**12.6 [R]**	**14.3 [R]**	**14.2 [R]**	**14.1 [R]**	**9.45 [R]**	**12.1 [R]**
BARIUM	15000	472	282	333	320	196 J	188 J	180 J	172	254
BERYLLIUM	160	7.24	4.95	3.35	4.03	3.2	3.095	2.99	2.83	4.56
CADMIUM	70	0.167	0.366	0.118	0.0953	0.4	0.472	0.544	0.364	0.14

NC-No Criteria
J-Estimated value
U-Not detected at this level
[R]-Exceeds Soil RSL

TABLE 3.4-5

STUDY AREA 04
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0771	1562	1569	1872	2060	2060	2060	2073	2093
Sample ID		0771SS0010006	1562SS0010006	1569SS0010006	1872SS0010006	2060SS0010006	2060SS0010006-AVG	2060SS0010006-D	2073SS0010006	2093SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL					RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090126	20090223	20090203	20090202	20090122	20090122	20090122	20090121	20090202
Study Area		STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID		6322549836110	6323565566808	6320517011745	6328050001755	6325574507169	6325574507169	6325574507169	6320957023172	6321904016183
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level										
CHROMIUM	120000	4.76	5.68	3.74	3.01	9.62	8.52	7.42	2.47	7.1
COBALT	23	7.24	4.58	4.08	4.27	4.5	4.335	4.17	4	5.92
COPPER	3100	37.5	19.2	30.7	14.9	44.2	45	45.8	12.3	61.4
IRON	55000	29300	18300	15200	17200	17400 J	16050 J	14700 J	14000	19500
LEAD	400	46.7	30.1	52	33.7	32.7	31.8	30.9	21.9	47.8
MANGANESE	1800	844	583	584	547	421 J	411 J	401 J	422	692
MERCURY	5.6	0.103 U	0.1 U	0.102 U	0.0932 U	0.0968 U	0.0968 U	0.0968 U	0.103 U	0.114
NICKEL	1500	5.45	4.35	3.64	3.51	3	2.995	2.99	2.94	6.66
SELENIUM	390	0.187	0.144	0.083 U	0.0777 U	0.128	0.129	0.13	0.0877	0.106
SILVER	390	0.146	0.173	0.104 U	0.0972 U	0.104 U	0.104 U	0.104 U	0.103 U	0.101 U
THALLIUM	NC	1.85 U	1.05 U	1.16	1.07	1.14 U	1.07 U	1 U	1.26 U	1.38
TIN	47000	3.63	2.57	2.26	2.57	2.33	2.155	1.98	1.87	3.23
VANADIUM	390	45.8	39	29	34.3	43.3	39	34.7	33.3	40.1
ZINC	23000	87.1	53.3	63.5	40.8	59	59.4	59.8	41.7	83.8

NC-No Criteria
J-Estimated value
U-Not detected at this level
[R]-Exceeds Soil RSL

TABLE 3.4-6

STUDY AREA 04
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/KG)								
1,2,3,4,6,7,8,9-OCDD	7/7	0	15000	6.6 J	63	-	24.99	24.99
1,2,3,4,6,7,8,9-OCDF	3/7	0	15000	0.8475 J	5.2 J	0.79 - 1.4	2.38	1.34
1,2,3,4,6,7,8-HPCDD	6/7	0	450	1.3 J	8.9	1.7 - 1.8	4.48	3.96
1,2,3,4,6,7,8-HPCDF	2/7	0	450	1.3475 J	3.5 J	0.79 - 3.1	2.42	1.31
1,2,3,4,7,8,9-HPCDF	6/7	0	450	0.11 J	0.38 J	0.183 - 0.183	0.23	0.21
1,2,3,4,7,8-HXCDD	2/7	0	45	0.14 J	0.28 J	0.066 - 0.26	0.21	0.11
1,2,3,4,7,8-HXCDF	4/7	0	45	0.47 J	1.1 J	0.193 - 0.36	0.83	0.53
1,2,3,6,7,8-HXCDD	2/7	0	45	0.4 J	0.61 J	0.11 - 0.37	0.51	0.22
1,2,3,6,7,8-HXCDF	5/7	0	45	0.21 J	0.7 J	0.15 - 0.26	0.45	0.35
1,2,3,7,8,9-HXCDD	6/7	0	45	0.13 J	0.41 J	0.079 - 0.12	0.24	0.21
1,2,3,7,8,9-HXCDF	1/7	0	45	0.121 J	0.121 J	0.061 - 0.213	0.12	0.06
1,2,3,7,8,9-HXCDF	1/7	0	45	0.121 J	0.121 J	0.061 - 0.213	0.12	0.06
1,2,3,7,8-PECDF	7/7	0	150	0.083 J	1.3	0.153 - 0.153	0.44	0.44
2,3,4,6,7,8-HXCDF	6/7	0	45	0.27 J	1.1 J	0.193 - 0.193	0.58	0.51
2,3,4,7,8-PECDF	2/7	0	15	0.375 J	0.87 J	0.12 - 0.59	0.62	0.30
2,3,7,8-TCDD	1/7	0	4.5	0.049 J	0.049 J	0.059 - 0.14	0.05	0.05
TEQ	7/7	0	4.5	0.034	0.69	-	0.30	0.30
TOTAL HPCDD	7/7	--	NC	2.6 J	16 J	-	7.81	7.81
TOTAL HPCDF	7/7	--	NC	1.6 J	7.2 J	-	3.96	3.96
TOTAL HXCDD	7/7	--	NC	1.6 J	7.7 J	-	3.66	3.66
TOTAL HXCDF	7/7	--	NC	1.3 J	11 J	-	5.59	5.59
TOTAL HXCDF	7/7	--	NC	1.3 J	11 J	-	5.59	5.59
TOTAL PECDD	6/7	--	NC	0.68 J	4.5 J	0.088 - 0.16	1.82	1.57
TOTAL PECDF	7/7	--	NC	0.2 J	14 J	-	5.14	5.14
TOTAL TCDD	7/7	--	NC	0.97 J	3.9	-	1.92	1.92
TOTAL TCDF	7/7	--	NC	0.5 J	7.7 J	-	4.17	4.17
Inorganics (MG/KG)								
ALUMINUM	7/7	0	77000	23600 J	66100	-	37628.6	37628.6
ANTIMONY	7/7	0	31	0.276	0.636	-	0.4	0.4
ARSENIC	7/7	7	0.39	9.44	18.7	-	12.6	12.6
BARIUM	7/7	0	15000	172	472	-	288.7	288.7
BERYLLIUM	7/7	0	160	2.83	7.24	-	4.3	4.3
CADMIUM	7/7	0	70	0.0953	0.544	-	0.2	0.2
CHROMIUM	7/7	0	120000	2.47	9.62	-	5.0	5.0
COBALT	7/7	0	23	4	7.24	-	4.9	4.9
COPPER	7/7	0	3100	12.3	61.4	-	31.6	31.6
IRON	7/7	0	55000	14000	29300	-	18507.1	18507.1
LEAD	7/7	0	400	21.9	52	-	37.7	37.7
MANGANESE	7/7	0	1800	401 J	844	-	583.3	583.3

NC-No Criteria
J-Estimated value

TABLE 3.4-6

STUDY AREA 04
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
MERCURY	1/7	0	5.6	0.114	0.114	0.0932 - 0.103	0.1	0.1
NICKEL	7/7	0	1500	2.94	6.66	-	4.2	4.2
SELENIUM	5/7	0	390	0.0877	0.187	0.0777 - 0.083	0.1	0.1
SILVER	2/7	0	390	0.146	0.173	0.0972 - 0.104	0.2	0.1
THALLIUM	3/7	0	NC	1.07	1.38	1 - 1.85	1.2	0.9
TIN	7/7	0	47000	1.87	3.63	-	2.6	2.6
VANADIUM	7/7	0	390	29	45.8	-	37.2	37.2
ZINC	7/7	0	23000	40.8	87.1	-	61.4	61.4
Semivolatile Organics (MG/KG)								
BAP EQUIVALENT	2/7	1	0.015	0.0002902	0.0247645	0.0215 - 0.0367	0.0094	0.0126
BENZO(K)FLUORANTHENE	2/7	0	1.5	0.0241 J	0.0263 J	0.0228 - 0.0389	0.0252	0.0177
BIS(2-ETHYLHEXYL)PHTHALATE	1/7	0	35	0.155 J	0.155 J	0.133 - 0.227	0.1550	0.0935
CHRYSENE	2/7	0	15	0.016125 J	0.0272 J	0.0165 - 0.0281	0.0217	0.0138
DI-N-BUTYL PHTHALATE	2/7	0	6100	0.0575 J	0.0575 J	0.0544 - 0.0929	0.0575	0.0415
DIBENZO(A,H)ANTHRACENE	1/7	1	0.015	0.0183 J	0.0245 J	0.0228 - 0.0389	0.0183	0.0148
FLUORANTHENE	1/7	0	2300	0.0305 J	0.0305 J	0.024 - 0.0411	0.0305	0.0173
PYRENE	2/7	0	1700	0.0241 J	0.0261 J	0.0228 - 0.0389	0.0251	0.0177
Volatile Organics (MG/KG)								
ACETONE	1/7	0	61000	0.0147 J	0.0147 J	0.00756 - 0.00797	0.01470	0.00542
BENZENE	1/7	0	1.1	0.00378 J	0.00378 J	0.000391 - 0.000412	0.00378	0.00071
TOLUENE	3/7	0	5000	0.000687 J	0.0089 J	0.000652 - 0.00068	0.00529	0.00245

NC-No Criteria
J-Estimated value

TABLE 3.5-1

STUDY AREA 05
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0564	0564	0564	0574	0882	0894	0917	0923	0975	1020	1119	1120	1132	1132
Sample ID		0564SG001	0564SG001-AVG	0564SG001-D	0574SG001	0882SG001	0894SG001	0917SG001	0923SG001	0975SG001	1020SG001	1119SG001	1120SG001	1132SG001	1132SG001-AVG
Residential / Government	RBL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090317	20090317	20090317	20090316	20090416	20090219	20090325	20090312	20090220	20090319	20090306	20090130	20090227	20090227
Study Area		STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID		6178343002170	6178343002170	6178343002170	6178340602128	6322769404134	6322768906220	6322768076430	6322769410208	6322768722200	6322768502530	6322976024558	6322980422160	6322979603358	6322979603358
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level															
Volatile Organics (UG/M3)															
1,1,1,2-TETRACHLOROETHANE	3.3	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	**16.8 [R]**	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	52000	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.379	0.15 U	0.15 U	0.15 U	0.15 U	0.461	0.15 U	0.15 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.735	0.7655	0.796	0.401	0.08 U	0.544	0.08 U	0.793	0.504	0.69	1.15	0.703	0.494	0.5505
1,1-DICHLOROETHANE	15	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	2100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	NC	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	2.12	0.4 U	0.4 U	0.4 UR	1.84	1.815
1,2,4-TRICHLOROBENZENE	21	0.19 U	0.19 U	0.19 U	1.47	0.19 U	1.29	0.19 U	3.19 U	1.3	0.19 U	1.21	0.19 UR	1.26	1.23
1,2,4-TRIMETHYLBENZENE	73	0.869	1.0995	1.33	0.776	1.13	0.215	0.25	0.93	0.178 J	1.65	1.67	0.358	0.172 J	0.202 J
1,2-DIBROMO-3-CHLOROPROPANE	0.0016	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.041	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	2100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.165 J	0.1 U	0.1 U	0.158 J	0.1 U	0.1 U	0.1 U	0.158 J	0.153 J
1,2-DICHLOROETHANE	0.94	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	**3.15 [R]**	0.09 U	0.09 U	0.09 U	0.284	1.69	0.181 J	0.33 J
1,3,5-TRIMETHYLBENZENE	NC	0.382	0.2035	0.05 U	0.05	0.05 U	0.106 J	0.05 U	0.05 U	0.0826 J	0.378	0.465	0.05 U	0.104 J	0.0645 J
1,3-BUTADIENE	0.81	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	NC	0.09 U	0.09 U	0.09 U	0.173 J	0.09 U	0.135 J	0.09 U	0.09 U	0.124 J	0.09 U	0.09 U	0.09 U	0.134 J	0.1315 J
1,4-DICHLOROBENZENE	2.2	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.471	0.09 U	0.09 U	0.437	0.09 U	0.661	0.09 U	0.51	0.511
2-BUTANONE	52000	9.37	9.59	9.81	1.14	3.06	0.525 J	2.29	2.98	0.491 J	3.23	2.05	0.768	0.669 J	0.8645 J
ACETONE	320000	41.2	41	40.8	5.6	14.2	5.59	16	26	5.7	15	19	5.54	5.71	6.295
ACETONITRILE	630	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.973	0.38 U	0.38 U	0.38 U
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 U	4.83 J	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	16.4	1.02 U	1.02 U	1.02 U
ACROLEIN	0.21	0.41 U	0.41 U	0.41 U	0.41 U	**2.02 [R]**	0.41 U	**3.51 [R]**	0.41 U	0.41 U	0.41 U	**2.51 [R]**	**0.508 J [R]**	0.41 U	**0.4165 J [R]**
ACRYLONITRILE	0.36	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	3.1	0.427 J	0.8985 J	1.37 J	1.27	0.438	0.112 J	0.592	1.45	0.0881 J	**7.32 [R]**	1.11	0.321	0.23	0.2755
BROMODICHLOROMETHANE	0.66	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	52	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	7300	0.1 U	0.1 U	0.1 U	0.1 U	1.14	0.1 U	1.45	0.1 U	0.102 J	0.1 U	0.801	0.468	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.6	0.13 U	0.1675 J	0.27 J	0.364	0.13 U	0.553	0.13 U	0.13 U	0.53	0.13 U	0.415	0.13 U	0.13 U	0.13 U
CHLOROBENZENE	520	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHLOROETHANE	100000	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	1.1	**1.13 [R]**	**1.2 [R]**	**1.27 [R]**	0.11 U	0.11 U	**2.25 [R]**	**2.45 [R]**	**14.9 [R]**	**46.8 [R]**	**1.14 [R]**	**1.44 [R]**	**1.35 [R]**	0.163 J	0.109 J
CHLOROMETHANE	940	0.07 U	0.07 U	0.07 U	0.929	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CIS-1,3-DICHLOROPROPENE	6.1	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	63000	1.05 J	0.5525 J	0.11 UJ	0.594	4.3	0.11 U	1.38	0.11 U	0.11 U	0.11 U	6.21	0.11 U	0.11 U	0.2805
DIBROMOMETHANE	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	2.1	2.07	2.04	1.08	57.7	1.53	15.4	1.58	1.48	2.76	23.6	2.29	0.18 U	0.18 U
ETHYLBENZENE	9.7	0.03 U	0.03 U	0.03 U	0.594 U	0.792	0.0879 J	0.469	4.84	0.0679 J	3.47	1.02	0.296	0.201	0.2425
HEXACHLOROBUTADIENE	1.1	0.24 U	0.24 U	0.24 U	**1.11 [R]**	0.24 U	**1.51 [R]**	0.24 U	2.38 U	**1.44 [R]**	0.24 U	0.24 U	0.24 U	**1.45 [R]**	**1.405 [R]**
HEXACHLOROETHANE	6.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	7300	0.438	0.4795	0.521	0.418	2.11	0.17 U	0.362	1.51	0.17 U	1.18	12.2	0.476	0.17 U	0.166 J
ISOBUTANOL	NC	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	4200	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.231	0.07 U	0.07 U	0.07 U	0.07 U
M+P-XYLENES	7300	0.09 U	0.09 U	0.09 U	2.19	2.03	0.248	0.678	4.86	0.198 J	4.86	3.52	0.635	0.35	0.4465
METHYL ACETATE	NC	0.27 U	0.27 U	0.27 U	0.491 J	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	0.08 U	0.08 U	0.08 U	0.08 U	6.42	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	3.22	0.254	0.08 U	0.08 U
METHYLENE CHLORIDE	52	0.111 J	0.0755 J	0.08 U	0.412	4.81	0.08 U	0.08 U	0.104 J	0.21	0.08 U	9.71	0.173 J	0.08 U	0.08 U
O-XYLENE	7300	0.06 UJ	0.57 J	1.11 J	0.662 U	0.921 J	0.107 J	0.344	0.06 U	0.0877 J	0.06 U	1.25	0.455	0.06 U	0.1055 J
STYRENE	10000	2.97	3.9	4.83	0.568	2.35	0.07 U	1.5	23.5	0.07 U	10.9	0.793	0.432	0.07 U	0.161
TETRACHLOROETHENE	4.1	1.77 J	**4.125 J [R]**	**6.48 [R]**	1.45 U	1.55 J	1.45 U	**7.39 [R]**	1.57 J	3.12	1.45 U	**19.1 [R]**	3.55	**4.39 [R]**	**4.79 [R]**
TOLUENE	52000	3.7	3.655	3.61	2.59 J	4	0.515	1.74	1.78	0.472	9.8	6.94	2	0.505	0.629
TRANS-1,2-DICHLOROETHENE	630	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	6.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	12	0.08 U	0.1245	0.209	0.08 U	0.08 U	0.08 U	0.08 U	0.285	0.08 U	0.08 U	0.432	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	7300	2.14	2.205	2.27	0.924	37.6	1.45	2.08	1.58	1.32	1.82	2.6	1.59	6.32	6.87

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[R]-Exceeds Soil Gas RSL

TABLE 3.5-1

STUDY AREA 05
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1132	1148	1151	1157	1182	1315	1694	1699	1751	1756	1766	1771	1813	1842
Sample ID		1132SG001-D	1148SG001	1151SG002	1157SG002	1182SG001	1315SG001	1694SG001	1699SG001	1751SG001	1756SG001	1766SG001	1771SG001	1813SG001	1842SG001
Residential / Government	RBL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL GAS	PHASE II	PHASE II	PSG -> ASG	PSG -> ASG	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090227	20090310	20090326	20090406	20090507	20090310	20090307	20090508	20090708	20090616	20090518	20090611	20090224	20090305
Study Area		STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09	STUDY AREA 05	STUDY AREA 05
Premise ID		6322979603358	6322980206280	6322980432300	6322979007220	6322979202503	6322975732410	6322977212823	6322977638403	6131224406087	UNKNOWN	6131222602002	6131826808007	6131222602080	6322976024674
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level															
Volatile Organics (UG/M3)															
1,1,1,2-TETRACHLOROETHANE	3.3	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	52000	0.15 U	0.15 U	2.27	0.15 U	0.15 U	0.15 U	0.22 J	1.74	0.464	0.21 J	2.35	0.381	0.15 U	0.232 J
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.607	0.689	2.22	0.656	0.602	0.08 U	2.02	0.996	1.4	0.782	0.573	0.841	0.486	0.899
1,1-DICHLOROETHANE	15	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.177 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	2100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.173 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	NC	1.79	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	2.1	0.4 U
1,2,4-TRICHLOROBENZENE	21	1.2	3.37 U	3.59	0.19 U	0.86	0.19 U	1.51	0.946 U	0.623 U	0.578	0.429	0.672 U	1.27	0.642
1,2,4-TRIMETHYLBENZENE	73	0.232	0.05 U	0.05 U	0.05 U	0.414	0.05 U	6.03	0.577	0.69	0.284	1.19	3.72	1.26	1.32
1,2-DIBROMO-3-CHLOROPROPANE	0.0016	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.041	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	**0.369 [R]**	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	2100	0.148 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.363 U	0.1 U	0.1 U	0.233 U	0.157 J	0.1 U
1,2-DICHLOROETHANE	0.94	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.246	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	0.479	0.09 U	**4.25 [R]**	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.238	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
1,3,5-TRIMETHYLBENZENE	NC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	1.81	0.05 U	0.376	0.195 J	0.05 U	1.26	0.422	0.05 U
1,3-BUTADIENE	0.81	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.63 J	0.49 U	0.49 U	0.536 J	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	NC	0.129 J	0.408 U	0.09 U	0.09 U	0.09 U	0.09 U	0.261	0.09 U	0.366 U	0.211	0.09 U	0.243 U	0.135 J	0.09 U
1,4-DICHLOROBENZENE	2.2	0.512	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.524	0.09 U	0.357 U	0.215	0.09 U	0.231 U	0.585	0.667
2-BUTANONE	52000	1.06	1.97	6.13	0.33 U	1.57	12.5	4.1	3.26	4.42	1.74	1.87	5.67	2.13	3.53
ACETONE	320000	6.88	12.2	41.6	4.06	9.24	69.5	15.6	11.6	46.2	17.4	10.7	29.2	35	25.7
ACETONITRILE	630	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.83	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 U	1.59 J	1.02 U	1.02 U	5	1.02 U	1.19 J	5.35	1.02 U	1.02 U	1.02 U
ACROLEIN	0.21	**0.628 J [R]**	0.41 U	**5.77 [R]**	0.41 U	0.41 U	0.41 U	**5.38 [R]**	0.41 U	**0.495 J [R]**	**1.2 [R]**	**2.45 [R]**	0.41 U	0.41 U	**5.32 [R]**
ACRYLONITRILE	0.36	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.226 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	3.1	0.321	**4.4 [R]**	0.404	0.172 J	0.156 J	0.274 U	**3.78 [R]**	0.03 U	2.41	1.41	0.209	**13.9 [R]**	0.914	1.13
BROMODICHLOROMETHANE	0.66	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.317	0.163 J	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.445	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	52	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.2 J	0.105 J	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	7300	0.1 U	2.27	1.78	0.628	0.1 U	0.1 U	0.419	0.1 U	0.992	1.11	1.86	1.29	0.1 U	40.7
CARBON TETRACHLORIDE	1.6	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.291 J	0.171 J	0.13 U	0.357	0.13 U	0.13 U
CHLOROBENZENE	520	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.274	0.268	0.04 U	0.193 J	0.04 U	0.04 U
CHLOROETHANE	100000	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	1.1	0.11 U	**3.01 [R]**	**6.23 [R]**	0.11 U	0.11 U	**1.36 [R]**	0.11 U	0.11 U	**3.22 [R]**	0.952	0.817	**1.35 [R]**	0.138 J	0.11 U
CHLOROMETHANE	940	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.253	0.218	0.07 U	0.07 U	0.168 J	0.07 U
CIS-1,3-DICHLOROPROPENE	6.1	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.191 J	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	63000	0.506	0.317	0.11 U	0.11 U	0.11 U	0.11 U	16.7	0.11 U	0.604	0.212	0.874	0.11 U	0.11 U	0.11 U
DIBROMOMETHANE	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	0.18 U	2.61	3.62	4.61	2.06	0.18 U	27.6	0.18 U	6.59	1.75	3.31	55.6	0.18 U	168
ETHYLBENZENE	9.7	0.284	**20.1 [R]**	1.9	3.6	0.384	0.03 U	0.03 U	0.03 U	7.03	1.12	0.03 U	5.03	1.9	7
HEXACHLOROBUTADIENE	1.1	**1.36 [R]**	2.43 U	**3.17 [R]**	0.24 U	0.478 U	0.24 U	0.24 U	0.57 U	0.664	0.552	0.24 U	0.691 U	**1.34 [R]**	0.24 U
HEXACHLOROETHANE	6.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	7300	0.247 J	1.26	1.09	0.17 U	0.268 J	0.17 U	54.8	0.17 U	0.668	0.518	0.468	28	2.55	2.96
ISOBUTANOL	NC	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	1.77	0.46 U	0.46 U	0.46 U	2.16	0.46 U
ISOPROPYLBENZENE	4200	0.07 U	0.745	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.165 J	0.07 U	0.07 U	0.533	0.324	0.07 U
M+P-XYLENES	7300	0.543	11.8	0.09 U	2.3	0.342	0.09 U	0.09 U	0.09 U	4.36	1.03	0.408	7.8	2.99	4.68
METHYL ACETATE	NC	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	0.08 U	0.08 U	0.08 U	0.345	0.08 U	0.08 U	22.1	0.08 U	0.494	0.08 U	1.25	1.87	0.918	0.08 U
METHYLENE CHLORIDE	52	0.08 U	0.342	0.08 U	0.08 U	0.216	0.08 U	0.08 U	0.08 U	0.319	1.25	0.837	0.485	0.08 U	0.08 U
O-XYLENE	7300	0.181 J	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	3.1	0.06 U	2.24	0.522	0.06 U	3.69	1.43	0.06 U
STYRENE	10000	0.287	62.4	6.88	14.4	0.913	10.7	0.07 U	0.496	16.8	0.605	0.07 U	0.07 U	9.28	26.1
TETRACHLOROETHENE	4.1	**5.19 [R]**	1.45 U	**75.9 [R]**	**41.6 [R]**	1.45 U	1.45 U	**4.87 [R]**	**8.49 [R]**	**170 [R]**	**288 [R]**	3.09	**34.1 [R]**	1.45 U	**47.3 [R]**
TOLUENE	52000	0.753	4.8	1.64	0.489	0.776	1.1	6.91	0.341	4.22	1.71	0.722	17.6	3.59	2.01
TRANS-1,2-DICHLOROETHENE	630	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.18 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	6.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.22	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	12	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.311	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	7300	7.42	18	3.11	2.36	2.25	21.7	1120	489	10.3	3.07	17.8	468	1.22	2.35

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[R]-Exceeds Soil Gas RSL

TABLE 3.5-1

STUDY AREA 05
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1843	1849	1945	1969	2016	2021	2049	2051
Sample ID		1843SG001	1849SG001	1945SG001	1969SG001	2016SG001	2021SG001	2049SG001	2051SG001
Residential / Government	RBL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090309	20090207	20090702	20090624	20090420	20090307	20090204	20090116
Study Area		STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID		6322976038505	6322975682150	6322977920220	6322768040140	6131222602041	6322768840129	6322974806159	6322976202630
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level									
Volatile Organics (UG/M3)									
1,1,1,2-TETRACHLOROETHANE	3.3	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	52000	0.15 U	5.43	0.198 J	0.166 J	0.15 U	0.15 U	0.15 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.04 U	0.406	0.182	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.713	0.667	0.803 U	0.889	0.08 U	0.851	0.505	0.602
1,1-DICHLOROETHANE	15	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	2100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	NC	0.4 U	0.4 UR	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,4-TRICHLOROBENZENE	21	3.84 U	0.19 UJ	1.85	0.552	0.19 U	0.916	0.19 U	0.19 U
1,2,4-TRIMETHYLBENZENE	73	0.05 U	0.624	0.538	0.326	0.05 U	0.513	0.269	0.97
1,2-DIBROMO-3-CHLOROPROPANE	0.0016	0.1 U	0.1 U	**0.296 [R]**	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.041	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	2100	0.1 U	0.1 U	0.921	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROETHANE	0.94	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	0.09 U	1.11	0.167 U	0.09 U	0.09 U	0.09 U	0.09 U	**18.4 [R]**
1,3,5-TRIMETHYLBENZENE	NC	0.05 U	0.194 J	0.442	0.236	0.05 U	0.204	0.05 U	0.269
1,3-BUTADIENE	0.81	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	NC	0.09 U	0.09 U	0.878	0.216	0.09 U	0.09 U	0.09 U	0.09 U
1,4-DICHLOROBENZENE	2.2	0.09 U	0.09 U	0.815	0.217	0.09 U	0.616	0.09 U	0.09 U
2-BUTANONE	52000	2.83	1.25	1.16	0.821	0.33 U	1.93	0.894	1.55
ACETONE	320000	13.2	7.03 J	9.04	8.71	3.41	16.1	7.11	24.2
ACETONITRILE	630	0.38 U	0.38 UJ	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 U	1.02 UJ	2.5	1.02 U	1.02 U
ACROLEIN	0.21	**2.21 [R]**	**0.881 J [R]**	**0.511 J [R]**	0.41 U	0.41 U	**2.32 [R]**	**0.568 J [R]**	0.41 U
ACRYLONITRILE	0.36	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	3.1	0.881	0.256	0.233 U	1.23	0.772	1.12	0.343	**4.78 [R]**
BROMODICHLOROMETHANE	0.66	**22 [R]**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	52	0.07 U	0.07 U	0.07 U	0.0918 J	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	7300	0.1 U	0.291	0.1 U	0.264	0.972	0.181 J	0.1 U	4.29
CARBON TETRACHLORIDE	1.6	0.13 U	0.13 U	0.13 U	0.157 J	0.13 U	0.13 U	0.13 U	0.133 J
CHLOROBENZENE	520	0.166 U	0.04 U	0.372 U	0.161 J	0.04 U	0.04 U	0.04 U	0.04 U
CHLOROETHANE	100000	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.296 J
CHLOROFORM	1.1	**302 [R]**	**1.43 [R]**	0.361 U	0.11 U	**2.31 [R]**	0.11 U	0.93	0.11 U
CHLOROMETHANE	940	0.07 U	0.07 UJ	0.07 U	0.0989 J	0.07 U	0.911	0.07 U	0.732
CIS-1,3-DICHLOROPROPENE	6.1	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	63000	2.99	0.11 U	0.11 U	0.245	0.11 U	0.11 U	0.11 U	0.11 U
DIBROMOMETHANE	42	0.15 U	0.15 U	0.24 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	3.37	2.83	3.12	1.94	2.13	4.64	2.73	4.27
ETHYLBENZENE	9.7	2.15	0.258	0.32 U	0.316	5.31	1.72	0.161 J	1.02
HEXACHLOROBUTADIENE	1.1	2.53 U	0.389 J	**1.99 [R]**	0.599	0.24 U	0.772	0.24 U	0.24 U
HEXACHLOROETHANE	6.1	0.07 U	0.07 U	0.33	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	7300	1.61	0.377 J	0.17 U	0.376	0.17 U	0.698	0.273 J	2.81
ISOBUTANOL	NC	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	2.49	0.46 U	0.46 U
ISOPROPYLBENZENE	4200	0.375	0.07 U	0.135 J	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
M+P-XYLENES	7300	0.09 U	0.569	0.706	0.767	2.97	1.68	0.407	3.01
METHYL ACETATE	NC	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	0.08 U	0.08 U	0.08 U	0.286	0.08 U	0.08 U	0.167 J	0.08 U
METHYLENE CHLORIDE	52	0.375	0.08 U	0.08 U	0.127 J	0.08 U	0.08 U	0.08 U	0.653
O-XYLENE	7300	0.06 U	0.33	0.366 U	0.365	1.29 J	0.752	0.221	1.11
STYRENE	10000	8.19	0.695	0.234 U	0.16 J	9.7	6.94	0.07 U	0.719
TETRACHLOROETHENE	4.1	2.75 J	**8.03 J [R]**	1.7 J	2.67 J	1.85 J	1.59 J	3.35	**14.7 [R]**
TOLUENE	52000	7.01	0.906	0.503 U	1.57	0.922	1.45	1.79	6.51
TRANS-1,2-DICHLOROETHENE	630	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	6.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	12	0.08 U	0.08 U	0.321 U	0.142 J	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	7300	7.97	2.1	1.54	1.45	2.93	2.33	4.08	1.5

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[R]-Exceeds Soil Gas RSL

TABLE 3.5-2

STUDY AREA 05
SOIL GAS - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil Gas RSL	Soil Gas RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Volatile Organics (UG/M3)								
1,1,1,2-TETRACHLOROETHANE	1/32	1	3.3	16.8	16.8	0.18 - 0.18	16.80	0.61
1,1,1-TRICHLOROETHANE	13/32	0	52000	0.166 J	5.43	0.15 - 0.15	1.12	0.50
1,1,2,2-TETRACHLOROETHANE	2/32	0	0.42	0.182	0.406	0.04 - 0.04	0.29	0.04
1,1,2-TRICHLOROTRIFLUOROETHANE	27/32	0	310000	0.401	2.22	0.08 - 0.803	0.83	0.72
1,1-DICHLOROETHANE	1/32	0	15	0.177 J	0.177 J	0.05 - 0.05	0.18	0.03
1,1-DICHLOROETHENE	1/32	0	2100	0.173 J	0.173 J	0.1 - 0.1	0.17	0.05
1,2,3-TRICHLOROBENZENE	3/30	--	NC	1.79	2.12	0.4 - 0.4	2.01	0.38
1,2,4-TRICHLOROBENZENE	15/31	0	21	0.429	3.59	0.19 - 3.84	1.25	0.84
1,2,4-TRIMETHYLBENZENE	26/32	0	73	0.172 J	6.03	0.05 - 0.05	1.05	0.85
1,2-DIBROMO-3-CHLOROPROPANE	1/31	1	0.0016	0.296	0.296	0.1 - 0.1	0.30	0.06
1,2-DIBROMOETHANE	1/32	1	0.041	0.369	0.369	0.12 - 0.12	0.37	0.07
1,2-DICHLOROBENZENE	5/32	0	2100	0.148 J	0.921	0.1 - 0.363	0.31	0.10
1,2-DICHLOROETHANE	1/32	0	0.94	0.246	0.246	0.1 - 0.1	0.25	0.06
1,2-DICHLOROPROPANE	8/32	3	2.4	0.181 J	18.4	0.09 - 0.167	3.68	0.96
1,3,5-TRIMETHYLBENZENE	17/32	0	NC	0.05	1.81	0.05 - 0.05	0.40	0.22
1,3-BUTADIENE	2/32	0	0.81	0.536 J	0.63 J	0.49 - 0.49	0.58	0.27
1,3-DICHLOROBENZENE	9/32	--	NC	0.124 J	0.878	0.09 - 0.408	0.25	0.11
1,4-DICHLOROBENZENE	11/32	0	2.2	0.215	0.815	0.09 - 0.357	0.52	0.21
2-BUTANONE	30/32	0	52000	0.491 J	12.5	0.33 - 0.33	2.88	2.71
ACETONE	32/32	0	320000	3.41	69.5	-	18.02	18.02
ACETONITRILE	2/32	0	630	0.83	0.973	0.38 - 0.38	0.90	0.23
ACETOPHENONE	7/32	--	NC	1.19 J	16.4	1.02 - 1.02	5.27	1.55
ACROLEIN	16/32	16	0.21	0.4165 J	5.77	0.41 - 0.41	2.25	1.23
ACRYLONITRILE	1/32	0	0.36	0.226 J	0.226 J	0.2 - 0.2	0.23	0.10
BENZENE	29/32	5	3.1	0.0881 J	13.9	0.03 - 0.274	1.80	1.64
BROMODICHLOROMETHANE	3/32	1	0.66	0.163 J	22	0.15 - 0.15	7.49	0.77
BROMOFORM	1/32	0	22	0.445	0.445	0.11 - 0.11	0.45	0.07
BROMOMETHANE	3/32	0	52	0.0918 J	0.2 J	0.07 - 0.07	0.13	0.04
CARBON DISULFIDE	19/32	0	7300	0.102 J	40.7	0.1 - 0.1	3.21	1.93
CARBON TETRACHLORIDE	10/32	0	1.6	0.133 J	0.553	0.13 - 0.13	0.31	0.14
CHLOROBENZENE	4/32	0	520	0.161 J	0.274	0.04 - 0.372	0.22	0.05
CHLOROETHANE	1/32	0	100000	0.296 J	0.296 J	0.11 - 0.11	0.30	0.06
CHLOROFORM	21/32	16	1.1	0.109 J	302	0.11 - 0.361	18.83	12.38
CHLOROMETHANE	7/32	0	940	0.0989 J	0.929	0.07 - 0.07	0.47	0.13
CIS-1,3-DICHLOROPROPENE	1/32	0	6.1	0.191 J	0.191 J	0.04 - 0.04	0.19	0.03
CYCLOHEXANE	13/32	0	63000	0.212	16.7	0.11 - 0.11	2.71	1.13
DIBROMOMETHANE	1/32	--	42	0.24 J	0.24 J	0.15 - 0.15	0.24	0.08
DICHLORODIFLUOROMETHANE	28/32	0	2100	1.08	168	0.18 - 0.18	14.65	12.83
ETHYLBENZENE	25/32	1	9.7	0.0679 J	20.1	0.03 - 0.594	2.81	2.21
HEXACHLOROBUTADIENE	12/32	7	1.1	0.389 J	3.17	0.24 - 2.53	1.25	0.66
HEXACHLOROETHANE	1/32	0	6.1	0.33	0.33	0.07 - 0.07	0.33	0.04
HEXANE	25/32	0	7300	0.166 J	54.8	0.17 - 0.17	4.71	3.69
ISOBUTANOL	3/32	--	NC	1.77	2.49	0.46 - 0.46	2.14	0.41

NC-No Criteria
J-Estimated value

TABLE 3.5-2

STUDY AREA 05
SOIL GAS - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil Gas RSL	Soil Gas RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
ISOPROPYLBENZENE	7/32	0	4200	0.135 J	0.745	0.07 - 0.07	0.36	0.11
M+P-XYLENES	26/32	0	7300	0.198 J	11.8	0.09 - 0.09	2.52	2.05
METHYL ACETATE	1/32	--	NC	0.491 J	0.491 J	0.27 - 0.27	0.49	0.15
METHYL CYCLOHEXANE	11/32	--	NC	0.167 J	22.1	0.08 - 0.08	3.39	1.19
METHYLENE CHLORIDE	16/32	0	52	0.0755 J	9.71	0.08 - 0.08	1.26	0.65
O-XYLENE	19/32	0	7300	0.0877 J	3.69	0.06 - 0.662	0.99	0.62
STYRENE	25/32	0	10000	0.16 J	62.4	0.07 - 0.234	8.76	6.86
TETRACHLOROETHENE	25/32	14	4.1	1.55 J	288	1.45 - 1.45	30.21	23.76
TOLUENE	31/32	0	52000	0.341	17.6	0.503 - 0.503	3.23	3.14
TRANS-1,2-DICHLOROETHENE	1/32	0	630	0.18 J	0.18 J	0.11 - 0.11	0.18	0.06
TRANS-1,3-DICHLOROPROPENE	1/32	0	6.1	0.22	0.22	0.07 - 0.07	0.22	0.04
TRICHLOROETHENE	5/32	0	12	0.1245	0.432	0.08 - 0.321	0.26	0.08
TRICHLOROFLUOROMETHANE	32/32	0	7300	0.924	1120	-	70.10	70.10

NC-No Criteria
J-Estimated value

TABLE 3.5-3

STUDY AREA 05
PUBLIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0564	0574	0882-PBL	0894	0917	0923	0975	1020	1119	1120	1132	1148
Sample ID						0564TW001	0574TW001	0882TW001	0894TW001	0917TW001	0923TW001	0975TW001	1020TW001	1119TW001	1120TW001	1132TW001	1148TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090312	20090316	20090416	20090219	20090325	20090312	20081011	20090319	20081013	20081128	20081107	20090310
Study Area						STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID						6178343002170	6178340602128	6322769404134	6322768906220	6322768076430	6322769410208	6322768722200	6322768502530	6322976024558	6322980422160	6322979603358	6322980206280
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																	
Blank Cells indicate that parameter was not analyzed.																	
Dioxins/Furans (NG/L)																	
1,2,3,4,6,7,8,9-OCDD	NC	1.7	170	NC	NC	0.0041 J	0.0027 U	0.005 U	0.0027 U	0.0067 U	0.0031 J	0.0056 U	0.0054 U	0.0045 U	0.0034 U	0.0051 U	0.0069 U
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.00057 U	0.0006 U	0.02 J	0.00038 U	0.0008 U	0.0017 U	0.0037 U	0.0011 U	0.0022 U	0.0012 U	0.0012 U	0.00074 J
1,2,3,4,6,7,8-HPCDD	NC	0.052	5.2	NC	NC	0.0016 U	0.0019 U	0.0019 U	0.00076 U	0.0026 U	0.0013 U	0.0025 U	0.0012 U	0.0021 U	0.0024 U	0.0015 U	0.0029 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00037 U	0.00027 J	0.001 U	0.000142 U	0.00036 U	0.00059 U	0.00121 U	0.00051 U	0.00088 U	0.000353 U	0.00095 U	0.00038 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00062 U	0.000421 U	0.00086 J	0.00017 U	0.000193 U	0.000664 U	0.00045 U	0.00046 U	0.00062 U	0.000353 J	0.00075 U	0.00036 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000271 U	0.000173 U	0.0016 U	0.00019 U	0.00022 U	0.00031 U	0.0007 U	0.00028 U	0.00067 U	0.00035 U	0.00038 U	0.00028 U
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00052 U	0.0004 U	0.00038 U	0.000142 U	0.00036 U	0.00057 U	0.00055 U	0.00038 U	0.00052 U	0.00033 U	0.00065 U	0.000304 U
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00039 U	0.00015 U	0.00069 U	0.00021 U	0.00027 U	0.00036 U	0.00058 U	0.0002 U	0.00057 U	0.000202 U	0.00043 U	0.00033 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.000542 U	0.000371 U	0.00064 U	0.000142 U	0.00017 U	0.000593 U	0.00083 U	0.00023 U	0.00055 U	0.00033 J	0.00065 U	0.00033 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.0003 U	0.000173 U	0.00057 J	0.00048 U	0.000241 U	0.00066 U	0.00043 U	0.00043 U	0.00076 U	0.00028 U	0.00043 U	0.00043 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.00067 U	0.00062 U	**0.00088 J [R]**	0.00057 U	0.000894 U	0.00074 U	**0.00063 J [R]**	**0.00071 J [R]**	0.00045 U	**0.0011 J [R]**	0.00055 U	0.000812 U
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.00025 U	0.0002 U	0.0013 J	0.000142 U	0.00027 U	0.00033 U	0.00035 J	0.00031 U	0.000334 U	0.0003 U	0.00018 U	0.0003 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000271 U	0.000173 U	0.00076 J	0.00019 U	0.00022 U	0.00033 U	0.0005 J	0.00023 U	0.00067 U	0.000252 U	0.00035 U	0.00028 U
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.00049 U	0.00035 U	0.0011 U	0.00055 U	0.00053 U	0.0005 U	0.00053 U	0.00064 U	0.00036 U	0.00038 U	0.00035 U	0.00025 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.000542 U	0.000223 U	0.00038 U	0.0004 J	0.000314 U	0.00069 U	0.00035 J	0.00036 U	0.00031 U	0.00033 U	0.0004 J	0.00036 U
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.0003 U	0.00027 U	0.0015 U	0.00045 U	0.00029 U	0.00026 U	0.00033 U	0.00023 U	0.00012 U	0.00018 U	0.00015 U	0.00041 U
TEQ	NC	0.00052	0.052	0.37	NC	0.00000123	0.0000027	**0.001144 [R]**	0.0004	0.000314 U	0.00000093	**0.001041 [R]**	**0.00071 [R]**	0.00031 U	**0.001168 [R]**	0.0004	0.000000222
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0016 J	0.0019 J	0.0019 J	0.00076 J	0.0026 J	0.0013 J	0.0025 J	0.0012 J	0.0021 J	0.0024 J	0.0015 J	0.0029 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.00089 J	0.00079 J	0.0081 J	0.00095 J	0.00097 J	0.0014 J	0.0074 J	0.001 J	0.0017 J	0.00076 J	0.0017 U	0.00089 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.0017 U	0.0012 U	0.0017 J	0.000451 U	0.00068 J	0.001828 U	0.0017 J	0.0011 J	0.0017 U	0.001 J	0.0021 U	0.00099 U
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0011 U	0.00067 U	0.0036 J	0.00093 J	0.00087 U	0.0016 J	0.002 J	0.0011 J	0.00334 U	0.00099 U	0.0015 U	0.001117 U
TOTAL PECDD	NC	NC	NC	NC	NC	0.00067 U	0.00062 U	0.00088 J	0.00057 U	0.000894 U	0.00074 U	0.00063 J	0.00071 J	0.00045 U	0.0011 J	0.00055 U	0.000812 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.00074 J	0.00052 J	0.0024 J	0.00059 J	0.0008 J	0.00083 J	0.00088 J	0.00097 J	0.00069 U	0.00068 J	0.0004 J	0.00056 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.001627 U	0.00067 U	0.0014 J	0.000713 U	0.000942 U	0.0021 U	0.00098 J	0.0011 U	0.00093 U	0.00081 J	0.0011 U	0.0011 J
TOTAL TCDF	NC	NC	NC	NC	NC	0.000443 J	0.00035 J	0.0017 J	0.00055 J	0.00044 J	0.000474 U	0.00048 J	0.00046 U	0.00024 U	0.000353 J	0.0003 U	0.00051 J
Volatile Organics (UG/L)																	
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	**0.159 J [R]**	0.1 U	**0.162 J [R]**	**0.389 J [R]**	**0.715 [R]**	0.1 U
BROMOFORM	80	8.5	850	7300	NC	1.54	1.23	0.931 J	0.402 J	0.06 U	0.06 U	3.18	0.06 U	2.59	2.71	3.05	0.06 U
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	**0.805 [R]**	**0.577**	0.1 U	**0.159 J**	0.1 U	0.1 U	**0.479 J**	0.1 U	**0.344 J**	**1.12 [R]**	**1.52 [R]**	0.1 U
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.149 J	0.09 U	0.115 J	0.165 J	0.261 U	0.09 U
TOLUENE	1000	2300	NC	23000	10000	0.1 U	0.1 U	0.1 U	0.1 U	0.568 J	0.1 U	0.17 U	0.1 U	0.17 U	0.17 U	0.17 U	0.1 U
Semivolatile Organics (UG/L)																	
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC							1.39 U		1.4 U	1.66 U	1.49 J	
DI-N-OCTYL PHTHALATE	NC	NC	NC	NC	NC							0.198 U		0.2 U	0.204 U	0.204 U	
Radiological Parameters (PCI/L)																	
GROSS ALPHA	15	NC	NC	NC	NC	2.96	2.86 U	1.15 U	2.55 U	2.47 U	2.67 U	1.4 U	1.45 U	1.1 U	1.6 U	1.4 U	3.91
GROSS BETA	8	NC	NC	NC	NC	**13.8 [F]**	**15.7 [F]**	2.41 U	1.76 U	3.28	**25.8 [F]**	4.3 U	2.55 U	7	5.4 U	4.6 U	2.86 U
Inorganics (UG/L)																	
ALUMINUM	NC	37000	NC	370000	NC	14.4	22.2	2.2 U	154	2.84	2.2 U	16	4.5	2.2 U	5.08	14.8	6.78
ANTIMONY	6	15	NC	150	NC	0.206	0.158	0.14 U	0.14 U	0.14 U	0.328	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**6.73 [R][C]**	**6.53 [R][C]**	**1.46 [R]**	**2.6 [R]**	**2.63 [R]**	**20.4 [F][R][C]**	**4.28 [R]**	**1.83 [R]**	**4.44 [R]**	**6.02 [R][C]**	**6.16 [R][C]**	**2.3 [R]**
BARIUM	2000	7300	NC	73000	NC	18.8	17.1	6.32	8.61	9.36	1.51	18.3	6.64	15.6	20.2	16.5	9.29
BERYLLIUM	4	73	NC	730	NC	0.171	0.236	0.0567 U	0.03 U	0.03 U	0.0489	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	5	18	NC	180	NC	0.0565	0.0431	0.04 U	0.04 U	0.04 U	0.239	0.246	0.04 U	0.04 U	0.04 U	0.04 U	0.0546
CALCIUM	NC	NC	NC	NC	NC	115	116	58.9	59.1	64.1	33.6		48.1		131		48.4
CHROMIUM	100	NC	NC	NC	NC	0.15 U	0.464 U	0.155 U	0.437	0.15 U	0.15 U	0.15 U	5.77	1.49	0.956 U	0.15 U	0.366
COBALT	NC	11	NC	110	NC	0.043	0.063	0.03 U	0.0809	0.0484	0.251	0.63	0.03 U	0.03 U	0.0372	0.0829	0.03 U
COPPER	1300	1500	NC	15000	NC	**1740 [F][R]**	24.1	91.4	39.6	28.2	96.7	19.7	10.2	28.5	41.5	93.5	68.2
IRON	NC	26000	NC	260000	NC	60.6	34	6.76	258	34.1	117	744	33.8	7.59	7.24	723	21.3
LEAD	15	NC	NC	NC	NC	1.6	1.37	0.403	5.22	0.976	1.65	10.1	0.217	0.848	0.561	**17 [F]**	2.44
MAGNESIUM	NC	NC	NC	NC	NC	18.6	18.7	9.04	8.98	10.1	6.09		5.74		30.7		5.7
MANGANESE	NC	880	NC	8800	NC	3.21	2.89	0.121	15.6	0.19	2.47	9.24	0.267	0.237	0.167	5.47	0.526
MERCURY	2	0.57	NC	5.7	0.63	0.068	0.015 U	0.137	0.024	0.038	0.033	0.015 U	0.02	0.015 U	0.025	0.051	0.038
NICKEL	NC	730	NC	7300	NC	316	2.46	0.251	1.03	0.384	8.21	11.5	0.147	2.7	1.43	7	3.68
POTASSIUM	NC	NC	NC	NC	NC	16.2	16.1	0.77	0.959	1.07	28.2		0.711		2.51		0.689
SELENIUM	50	180	NC	1800	NC	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.391	0.276	0.2 U	0.24	0.207	0.2 U	0.2 U
SILVER	NC	180	NC	1800	NC	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.165
SODIUM	NC	NC	NC	NC	NC	19.3	19.4	3.03	3.5	2.69	89.1		2.91		8.19		2.91
THALLIUM	2	NC	NC	NC	NC	0.321 U	0.04 U	0.292 U	0.456 U	0.04 U	0.235 U	0.0553 U	0.04 U	0.04 U	0.04 U	0.04 U	0.446 U
TIN	NC	22000	NC	220000	NC	0.1 U	0.1 U	0.1 U	0.674	0.1 U	0.1 U	0.23	0.102	0.378	0.106	0.603	0.334
URANIUM	30	1.63	163	1100	NC	**2.09**	**2.41**	0.187	0.363	0.326	**9.72**	1.11	0.226	1.02	1.04	1.25	0.263
VANADIUM	NC	180	NC	2600	NC	4.88	7.88	1 U	1 U	1 U	21.5	2.67 U	1 U	3.27 U	2.39	5.96 U	1 U
ZINC	NC	11000	NC	110000	NC	7740	1440	63.1	104	302	292	1580	6.42 U	48.9	166	603	51.5

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[R]-Exceeds Tap Water RSL

TABLE 3.5-3

STUDY AREA 05
PUBLIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0564	0574	0882-PBL	0894	0917	0923	0975	1020	1119	1120	1132	1148
Sample ID						0564TW001	0574TW001	0882TW001	0894TW001	0917TW001	0923TW001	0975TW001	1020TW001	1119TW001	1120TW001	1132TW001	1148TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090312	20090316	20090416	20090219	20090325	20090312	20081011	20090319	20081013	20081128	20081107	20090310
Study Area						STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID						6178343002170	6178340602128	6322769404134	6322768906220	6322768076430	6322769410208	6322768722200	6322768502530	6322976024558	6322980422160	6322979603358	6322980206280
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																	
Blank Cells indicate that parameter was not analyzed.																	
Microbiological Parameters																	
PLATE COUNT	500	NC	NC	NC	NC												
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	**4.2 [F]**	1 <	1 <
Miscellaneous Parameters (MG/L)																	
CHLORIDE	NC	NC	NC	NC	NC	16	17.4	5.87	5.95	6.37	61.6	12.4	5.14	12.9	11.7	12.2	5.33
FLUORIDE	4	1.5	NC	15	NC	0.725	0.825	0.2 U	0.2 U	0.2 U	**3.44**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NITRATE	44.3	58	NC	580	NC	7.17	7.86	2.34 J	2.37	2.46	36.6	4 J	2.25	3.82	3.23 J	3.19 J	2.19
SULFATE	NC	NC	NC	NC	NC	6.53	7.47	3.08	2.62	3	41.1	8.25	2.29	9.84	9.97	9.73	2.19
Field Parameters																	
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.3	0.02	0.08	0.06	0.06	0	0.02	0.06	0.1	0.1	0.08	0.05
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	9.9	8	6.41	8.79	6.99	5.17	8.67	8.05	8.86	9.27	9.95	9.05
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	440	305	410	455	564	236	448	591	492	506	552	599
PH (S.U.)	NC	NC	NC	NC	NC	6.82	6.83	7.25	6.15	7.3	7.38	7.43	7.2	7.1	7.25	7.47	5.11
SALINITY (%)	NC	NC	NC	NC	NC	0	0.02	0.01	0	0.01	0.02	0	0.01	0	0	0	0.01
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.732	0.777	0.386	0.47	0.385	0.681	0.75	0.335	0.91	0.983	0.86	0.292
TEMPERATURE (C)	NC	NC	NC	NC	NC	12.96	14.6	20.18	13.59	15.31	17.27	18.88	13.65	16.58	14.19	16.99	13.37
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC												
TURBIDITY (NTU)	NC	NC	NC	NC	NC	63.9	4.2	0	1.2	0.2	0		0		0.8	7.7	0.1

NA-Not Available
NC-No Criteria
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U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[R]-Exceeds Tap Water RSL

TABLE 3.5-3

STUDY AREA 05
PUBLIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1151	1157	1182	1315	1694	1694	1699	1766-PBL	1813	1842	1843	1849	1945
Sample ID						1151TW001	1157TW001	1182TW001	1315TW001	1694TW001	1694TW002	1699TW001	1766TW001	1813TW001	1842TW001	1843TW001	1849TW001	1945TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE I	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20080708	20080623	20081002	20090310	20081006	20090529	20090508	20090518	20081007	20081017	20081018	20081018	20081216
Study Area						STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID						6322980432300	6322979007220	6322979202503	6322975732410	6322977212823	6322977212823	6322977638403	6131826808007	6178600406130	6322976024674	6322976038505	6322975682150	6322977920220
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																		
Blank Cells indicate that parameter was not analyzed.																		
Dioxins/Furans (NG/L)																		
1,2,3,4,6,7,8,9-OCDD	NC	1.7	170	NC	NC	0.0025 U	0.0031 U	0.0056 U	0.0038 U	0.007515 U		0.00084 U	0.0012 U	0.0088 U	0.0042 U	0.0037 U	0.0069 U	0.0031 U
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.0013 U	0.0015 U	0.0041 U	0.00072 U	0.007844 U		0.0011 U	0.00092 U	0.006743 U	0.0028 U	0.0026 U	0.0011 U	0.00098 J
1,2,3,4,6,7,8-HPCDD	NC	0.052	5.2	NC	NC	0.0021 U	0.0012 U	0.002002 U	0.0016 U	0.002201 U		0.00067 U	0.0014 U	0.0026 U	0.001129 U	0.0011 J	0.0018 J	0.0015 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00041 U	0.00038 U	0.0028 U	0.000421 U	0.001518 U		0.001 U	0.00052 U	0.004106 U	0.000853 U	0.000443 U	0.000473 U	0.000352 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00055 J	0.00019 U	0.0011 U	0.00045 U	0.0013 U		0.000262 U	0.00033 U	0.0011 U	0.00063 U	0.000394 U	0.000723 U	0.00035 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00048 U	0.00021 U	0.000844 U	0.00025 U	0.001214 U		0.000262 U	0.00043 U	0.00077 U	0.00033 U	0.00035 U	0.0004 U	0.0007 U
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00055 J	0.00036 U	0.0011 U	0.0004 U	0.0011 U		0.000215 U	0.00026 J	0.00092 U	0.00053 U	0.00047 J	0.000623 U	0.00023 U
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00041 U	0.00019 J	0.000723 U	0.00025 U	0.0015 U		0.00033 U	0.00024 U	0.0006 U	0.00028 U	0.000271 U	0.000274 U	0.00028 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00055 J	0.00019 U	0.000723 U	0.0004 U	0.001113 U		0.00043 U	0.000284 U	0.00095 U	0.000551 U	0.00035 U	0.000623 U	0.00033 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.000524 U	0.000214 U	0.000964 U	0.00047 U	0.0014 U		0.00029 U	0.00035 J	0.000821 U	0.00038 U	0.000394 U	0.0004 U	0.000251 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	**0.0006 J [R]**	0.000261 U	0.00063 U	0.0006 U	0.0017 U		0.00036 U	0.0005 J	0.001318 U	0.00058 U	0.000911 U	0.00047 J	0.00053 U
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.00048 U	0.00083 J	0.00065 U	0.0003 U	0.00061 U		0.00031 U	0.00026 U	0.00085 U	0.00015 U	0.00062 U	0.0002 U	0.00015 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000452 U	0.000214 J	0.000844 U	0.00025 U	0.001214 U		0.000262 U	0.000283 U	0.000721 U	0.00033 U	0.00032 U	0.00035 U	0.00023 U
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.00048 U	0.0011 U	0.00087 U	0.00057 U	0.00053 U		0.000215 U	0.00045 U	0.0011 U	0.00019 U	0.00081 U	0.0002 U	0.00023 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00041 U	0.00038 U	0.00034 U	0.00052 U	0.00046 U		0.00029 U	0.000283 U	0.00045 U	0.0002 U	0.00035 U	0.00032 U	0.00025 U
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.00033 U	0.0013 U	0.00051 U	0.0002 U	0.00028 U		0.00036 U	0.00064 U	0.00047 U	0.00029 U	0.00039 U	0.00025 U	0.00018 U
TEQ	NC	0.00052	0.052	0.37	NC	**0.000765 [R]**	0.000064	0.00034 U	0.00052 U	0.00046 U		0.00029 U	**0.000561 [R]**	0.00045 U	0.0002 U	0.000058	0.000488	2.94E-07
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0021 J	0.0012 U	0.002002 U	0.0016 J	0.002201 U		0.00067 U	0.0014 J	0.0026 J	0.001129 U	0.0011 J	0.0018 J	0.0015 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.001 J	0.003 U	0.0063 J	0.00094 J	0.002631 U		0.0022 J	0.0011 J	0.0072 U	0.00222 U	0.00079 U	0.0014 J	0.001 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.0017 J	0.00069 U	0.0028 J	0.00124 U	0.0035 U		0.00072 U	0.000874 U	0.002936 U	0.001706 U	0.0011 U	0.002 U	0.00088 J
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0019 U	0.00081 U	0.0034 U	0.000992 J	0.0049 U		0.001026 U	0.0012 J	0.0029 U	0.001304 U	0.00133 U	0.0014 U	0.0014 J
TOTAL PECDD	NC	NC	NC	NC	NC	0.0006 J	0.000261 U	0.00063 U	0.0006 U	0.0017 J		0.00036 U	0.0005 J	0.001318 U	0.00058 U	0.000911 U	0.00047 J	0.00053 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.000953 U	0.002 U	0.0015 J	0.00084 J	0.0011 J		0.00045 J	0.00064 J	0.00033 U	0.001717 U	0.00033 U	0.001232 U	0.0004 U	0.00033 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.001215 U	0.0011 U	0.001013 U	0.0016 U	0.0014 U		0.00086 U	0.00085 U	0.001343 U	0.000602 U	0.001035 U	0.00085 J	0.00068 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.000572 U	0.0017 U	0.00063 J	0.0004 U	0.00056 U		0.00043 J	0.00078 J	0.0007 U	0.00044 J	0.00052 J	0.0005 U	0.00038 J
Volatile Organics (UG/L)																		
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	**0.231 J [R]**	**0.228 J [R]**	**0.298 J [R]**	0.1 U	**0.186 J [R]**		**0.265 J [R]**	0.1 U	**0.174 J [R]**	**0.334 J [R]**	**0.362 J [R]**	**0.474 J [R]**	0.1 U
BROMOFORM	80	8.5	850	7300	NC	0.788 J	0.706 J	2.57	0.06 U	3.39		0.6 J	3.14	2.32	1.22	1.21	1.4	2.16
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	**0.349 J**	**0.48 J**	**1.9 [R]**	0.1 U	**0.507**		**0.547**	**1.65 [R]**	**0.492 J**	**0.823 [R]**	**0.882 [R]**	**1.18 [R]**	**0.218 J**
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.137 J	0.143 J	0.09 U	0.092 U		0.175 J	0.09 U	0.151 J	**0.196 J [R]**	**0.192 J [R]**	0.182 J	0.09 U
TOLUENE	1000	2300	NC	23000	10000	0.17 U	0.17 U	0.17 U	0.1 U	0.17 U		0.1 U	0.1 U	0.17 U	0.17 U	0.17 U	0.17 U	0.1 U
Semivolatile Organics (UG/L)																		
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC	1.51 U	1.4 U	1.47 J		1.36 U				1.4 U	1.44 U	1.41 U	1.38 U	1.34 U
DI-N-OCTYL PHTHALATE	NC	NC	NC	NC	NC	0.216 U	1.29 J	0.198 U		0.195 U				0.2 U	0.206 U	0.201 U	0.198 U	0.191 U
Radiological Parameters (PCI/L)																		
GROSS ALPHA	15	NC	NC	NC	NC	1.6 U	1.1 U	1.9 U	1.86 U	3.5		2.99 U	2.81 U	1.4 U	1.6 U	1.4 U	1.6 U	10
GROSS BETA	8	NC	NC	NC	NC	5.4 U	4.6 U	6.2 U	2.34 U	**12.2 [F]**		3.09	**11.9 [F]**	5.7 U	5.4 U	5.9 U	5.4 U	**15.9 [F]**
Inorganics (UG/L)																		
ALUMINUM	NC	37000	NC	370000	NC	3.44	2.8	4.78	3.31	4.59		5.28	3.67	2.33	2.2 U	4.55	2.35	2.2 U
ANTIMONY	6	15	NC	150	NC	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U		0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**2.7 [R]**	**2.24 [R]**	**2.77 [R]**	**3.43 [R]**	**3.08 [R]**		**2.23 [R]**	**6.33 [R][C]**	**2.7 [R]**	**3.67 [R]**	**3.79 [R]**	**3.88 [R]**	**3.87 [R]**
BARIUM	2000	7300	NC	73000	NC	12	10.3	12.4	5.51	11.9		5.92	16.4	13.6	14.1	14.7	16.4	13.1
BERYLLIUM	4	73	NC	730	NC	0.0337 U	0.0308	0.03 U	0.03 U	0.03 U		0.0388	0.187	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	5	18	NC	180	NC	0.04 U	0.42	0.0726	0.0478	0.04 U		0.04 U	0.625	0.04 U	0.137	0.04 U	0.04 U	0.04 U
CALCIUM	NC	NC	NC	NC	NC				48.2	92		51.9	118	112				94
CHROMIUM	100	NC	NC	NC	NC	0.722	0.308	1.75	0.445	0.348		0.728	0.57	0.769	0.177	0.808	0.979	0.844 U
COBALT	NC	11	NC	110	NC	0.0545	0.0437	0.087	0.03 U	0.0928		0.03 U	0.0538	0.03 U	0.0513	0.0762	0.03 U	0.03 U
COPPER	1300	1500	NC	15000	NC	99.8	11.7	132	33.7	42.7		336	157	44.9	66	25.2	20	29.1
IRON	NC	26000	NC	260000	NC	6.56	5.19	50.4	24.9	168		4.7 U	15.5	12.2	4.7 U	24.9	5.54	4.92
LEAD	15	NC	NC	NC	NC	1.16	1.89	7.33	1.74	7.08		0.831	11.4	1.43	1.55	3.46	0.385	0.572
MAGNESIUM	NC	NC	NC	NC	NC				5.76	19.9		5.18	18.4	25.4				18.8
MANGANESE	NC	880	NC	8800	NC	0.432	0.431	1.85	1.12	7.54		0.258	0.56	0.744	7.43	1.3	1.01	0.62
MERCURY	2	0.57	NC	5.7	0.63	0.026	0.015 U	0.015 U	0.09	0.015 U		0.04	0.04	0.015 U	0.02	0.032	0.039	0.016
NICKEL	NC	730	NC	7300	NC	2.81	0.55	117	1.04	25.9		3.13 U	3.14	3.23	1.89	1.52	0.888	0.748
POTASSIUM	NC	NC	NC	NC	NC				0.715	2.43		0.626	14.9	2.26				1.69
SELENIUM	50	180	NC	1800	NC	0.217	0.2 U	0.226	0.2 U	0.922		0.2 U	0.2 U	0.229	0.234	0.2 U	0.2 U	0.2 U
SILVER	NC	180	NC	1800	NC	0.12 U	0.12 U	0.431	0.12 U	0.12 U		0.219	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	NC	NC	NC	NC	NC				3.03	8.96		3.19	17.6	7.18				5.8
THALLIUM	2	NC	NC	NC	NC	0.114 U	0.807	0.04 U	0.36 U	0.626 U		0.04 U	0.04 U	0.202 U	0.136 U	0.04 U	0.04 U	0.192 U
TIN	NC	22000	NC	220000	NC	0.198	0.1 U	1.18	0.1 U	0.209		0.1 U	0.1 U	0.101	0.163	0.145	0.115	0.324
URANIUM	30	1.63	163	1100	NC	0.639	0.621	0.973	0.647	0.836		0.198	**2.5**	1.04	0.963	1.15	1.16	0.782
VANADIUM	NC	180	NC	2600	NC	1.69	1 U	1.43 U	1.3	1 U		1 U	8.3	2.34	1.97	2.04	1.07	2.13
ZINC	NC	11000	NC	110000	NC	57.8	358	329	519	1520		83.6	4860	61.6	349	1110	40.7	24.1

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[R]-Exceeds Tap Water RSL

TABLE 3.5-3

STUDY AREA 05
PUBLIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1151	1157	1182	1315	1694	1694	1699	1766-PBL	1813	1842	1843	1849	1945
Sample ID						1151TW001	1157TW001	1182TW001	1315TW001	1694TW001	1694TW002	1699TW001	1766TW001	1813TW001	1842TW001	1843TW001	1849TW001	1945TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE I	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20080708	20080623	20081002	20090310	20081006	20090529	20090508	20090518	20081007	20081017	20081018	20081018	20081216
Study Area						STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID						6322980432300	6322979007220	6322979202503	6322975732410	6322977212823	6322977212823	6322977638403	6131826808007	6178600406130	6322976024674	6322976038505	6322975682150	6322977920220
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																		
Blank Cells indicate that parameter was not analyzed.																		
Microbiological Parameters																		
PLATE COUNT	500	NC	NC	NC	NC	0	4											
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <	1 <	1 <	1 <	1 <		1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)																		
CHLORIDE	NC	NC	NC	NC	NC	8.98	7.8	14.7	5.26	22.4		5.7	15.5	11.9	11	11.3	12.6	8.52
FLUORIDE	4	1.5	NC	15	NC	0.2 U	0.2 U	0.2 U	0.2 U	0.747		0.2 U	0.658	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NITRATE	44.3	58	NC	580	NC	3.11	2.87	3.52 J	2.23	10.1		1.94 J	6.83	3.49	2.99 J	3.45 J	3.48 J	2.84
SULFATE	NC	NC	NC	NC	NC	5.95	5.58	7.61	1.98	20.2		2.15	6.71	7.89	8.13	8.78	10.4	5.5
Field Parameters																		
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.1	0.08	0.12	0	0.02	0.02	0.07	0.1	0.08	0.14	0.08	0.14	0.07
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	9.3	9.5	8.71	10.49	9.99	8.45	6.86	6.67	9.16	8.88	10.25	9.49	9.87
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	656	389	616	326	329	347	467	209	543	566	605	600	536
PH (S.U.)	NC	NC	NC	NC	NC	6.73	7.4	7.16	7.21	7.67	7.54	7.72	7.18	7.07	7.33	7.25	6.96	7.32
SALINITY (%)	NC	NC	NC	NC	NC	0	0	0	0	0	0.01	0.01	0.02	0	0	0	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	89	50.5	0.75	0.314	0.74	0.695	0.283	0.658	0.8	0.77	0.8	0.86	0.639
TEMPERATURE (C)	NC	NC	NC	NC	NC	18.43	22.29	16.86	13.09	18	20.24	21.53	29.12	16.09	16.72	17.83	16.99	13.59
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC													0.41
TURBIDITY (NTU)	NC	NC	NC	NC	NC	4.2			0.2		0	0	0		5.8	2.14	2.3	2.4

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[R]-Exceeds Tap Water RSL

TABLE 3.5-3

STUDY AREA 05
PUBLIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	1945 1945TW002 RESIDENTIAL PHASE II 20090702 STUDY AREA 05 6322977920220 PUBLIC	1969 1969TW001 RESIDENTIAL PRE-LEASE HOME 20081218 STUDY AREA 05 6322768040140 PUBLIC	1969 1969TW002 RESIDENTIAL PHASE II 20090624 STUDY AREA 05 6322768040140 PUBLIC	2049 2049TW001 RESIDENTIAL PHASE II 20090204 STUDY AREA 05 6322974806159 PUBLIC	2051 2051TW001 RESIDENTIAL PHASE II 20090116 STUDY AREA 05 6322976202630 PUBLIC
Shaded cell indicates exceedances of screening level										
Blank Cells indicate that parameter was not analyzed.										
Dioxins/Furans (NG/L)										
1,2,3,4,6,7,8,9-OCDD	NC	1.7	170	NC	NC		0.0037 U		0.0055 U	0.0041 U
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC		0.0011 J		0.00078 U	0.000802 U
1,2,3,4,6,7,8-HPCDD	NC	0.052	5.2	NC	NC		0.001 U		0.0019 U	0.0021 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC		0.0004 U		0.00015 U	0.00088 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC		0.00055 U		0.00013 U	0.000413 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC		0.00072 U		0.00038 U	0.00058 J
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC		0.000474 U		0.00015 U	0.00034 U
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC		0.00052 U		0.00013 U	0.00061 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC		0.0005 U		0.00015 U	0.000364 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC		0.0005 U		0.00015 U	0.000364 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC		0.000724 U		0.0002 U	0.0011 U
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC		0.0005 U		0.00053 U	0.00054 J
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC		0.00047 U		0.00015 U	0.00056 U
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC		0.00082 U		0.00063 U	0.001 J
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC		0.0006 U		0.0002 U	0.00034 U
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC		0.000424 U		0.00085 U	0.0012 J
TEQ	NC	0.00052	0.052	0.37	NC		3.3E-07		0.0002 U	0.000494
TOTAL HPCDD	NC	NC	NC	NC	NC		0.001 J		0.003 J	0.0032 J
TOTAL HPCDF	NC	NC	NC	NC	NC		0.0013 J		0.00095 J	0.0036 J
TOTAL HXCDD	NC	NC	NC	NC	NC		0.001523 U		0.0013 J	0.001118 U
TOTAL HXCDF	NC	NC	NC	NC	NC		0.0019 J		0.0006 J	0.0019 J
TOTAL PECDD	NC	NC	NC	NC	NC		0.000724 U		0.0002 U	0.0011 J
TOTAL PECDF	NC	NC	NC	NC	NC		0.0011 J		0.0012 J	0.0016 J
TOTAL TCDD	NC	NC	NC	NC	NC		0.0018 U		0.0015 J	0.0013 J
TOTAL TCDF	NC	NC	NC	NC	NC		0.00085 U		0.0016 J	0.0028 J
Volatile Organics (UG/L)										
BROMODICHLOROMETHANE	80	0.12	12	7300	NC		**0.179 J [R]**		0.1 U	0.1 U
BROMOFORM	80	8.5	850	7300	NC		2.4 J		0.215 J	0.06 U
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC		**1.5 J [R]**		0.1 U	0.1 U
CHLOROFORM	80	0.19	19	1300	0.21		0.09 UJ		0.09 U	0.09 U
TOLUENE	1000	2300	NC	23000	10000		0.187 U		0.1 U	0.1 U
Semivolatile Organics (UG/L)										
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC		1.34 U			1.36 U
DI-N-OCTYL PHTHALATE	NC	NC	NC	NC	NC		0.191 U			0.194 U
Radiological Parameters (PCI/L)										
GROSS ALPHA	15	NC	NC	NC	NC		6.2		1.9 U	1.9 U
GROSS BETA	8	NC	NC	NC	NC		**10.3 [F]**		5.7 U	5.7 U
Inorganics (UG/L)										
ALUMINUM	NC	37000	NC	370000	NC		4.47		5.35	2.2 U
ANTIMONY	6	15	NC	150	NC		0.14 U		0.14 U	0.14 U
ARSENIC	10	0.045	4.5	110	NC		**2.76 [R]**		**1.82 [R]**	**6.2 [R][C]**
BARIUM	2000	7300	NC	73000	NC		9.35		9.77	17
BERYLLIUM	4	73	NC	730	NC		0.03 U		0.03 U	0.03 U
CADMIUM	5	18	NC	180	NC		0.103		0.04 U	0.0503
CALCIUM	NC	NC	NC	NC	NC		75.6		56.6	63.9
CHROMIUM	100	NC	NC	NC	NC		0.6 U		0.374	1.35
COBALT	NC	11	NC	110	NC		0.03 U		0.03 U	0.0709
COPPER	1300	1500	NC	15000	NC		13.6		30.4	93.8
IRON	NC	26000	NC	260000	NC		36.9		4.7 U	4.7 U
LEAD	15	NC	NC	NC	NC		1.86		1.23	1.16
MAGNESIUM	NC	NC	NC	NC	NC		13.3		9.28	10.9
MANGANESE	NC	880	NC	8800	NC		1.52		0.397	5.89
MERCURY	2	0.57	NC	5.7	0.63		0.028		0.021	0.015 U
NICKEL	NC	730	NC	7300	NC		2.97		3.02	3.4
POTASSIUM	NC	NC	NC	NC	NC		1.23		0.947	1.07
SELENIUM	50	180	NC	1800	NC		0.2 U		0.2 U	0.341
SILVER	NC	180	NC	1800	NC		0.12 U		0.12 U	0.12 U
SODIUM	NC	NC	NC	NC	NC		4.15		3.5	3.23
THALLIUM	2	NC	NC	NC	NC		0.04 U		0.04 U	0.527 U
TIN	NC	22000	NC	220000	NC		0.1 U		0.233	0.1 U
URANIUM	30	1.63	163	1100	NC		0.594		0.326	**1.71**
VANADIUM	NC	180	NC	2600	NC		1.09		1 U	3.94
ZINC	NC	11000	NC	110000	NC		201		152	134

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NC-No Criteria
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U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[R]-Exceeds Tap Water RSL

TABLE 3.5-3

STUDY AREA 05
PUBLIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	1945 1945TW002 RESIDENTIAL PHASE II 20090702 STUDY AREA 05 6322977920220 PUBLIC	1969 1969TW001 RESIDENTIAL PRE-LEASE HOME 20081218 STUDY AREA 05 6322768040140 PUBLIC	1969 1969TW002 RESIDENTIAL PHASE II 20090624 STUDY AREA 05 6322768040140 PUBLIC	2049 2049TW001 RESIDENTIAL PHASE II 20090204 STUDY AREA 05 6322974806159 PUBLIC	2051 2051TW001 RESIDENTIAL PHASE II 20090116 STUDY AREA 05 6322976202630 PUBLIC
Shaded cell indicates exceedances of screening level										
Blank Cells indicate that parameter was not analyzed.										
Microbiological Parameters										
PLATE COUNT	500	NC	NC	NC	NC					
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC		1 <		1 <	1 <
Miscellaneous Parameters (MG/L)										
CHLORIDE	NC	NC	NC	NC	NC		6.85		5.96	7.1
FLUORIDE	4	1.5	NC	15	NC		0.2 U		0.2 U	0.2 U
NITRATE	44.3	58	NC	580	NC		2.71		2.46	2.76 J
SULFATE	NC	NC	NC	NC	NC		4.72		3.43	4.33
Field Parameters										
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.05	0.01	0.06	0.08	0.08
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	6.93	7.88	7.38	10.29	10.73
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	476	570	476	545	498
PH (S.U.)	NC	NC	NC	NC	NC	7.69	7.5	7.19	7.19	7.05
SALINITY (%)	NC	NC	NC	NC	NC	0.01	0.01	0.01	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.31	0.363	0.384	0.404	0.494
TEMPERATURE (C)	NC	NC	NC	NC	NC	22.05	13.32	20.23	12.61	9.5
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC					
TURBIDITY (NTU)	NC	NC	NC	NC	NC	0	0	0	13.3	1.1

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water RSL
[F]-Exceeds MCL
[R]-Exceeds Tap Water RSL

TABLE 3.5-4

STUDY AREA 05
PUBLIC SUPPLIED TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)																
1,2,3,4,6,7,8,9-OCDD	2/27	--	NC	0	1.7	0	170	--	NC	--	NC	0.0031 J	0.0041 J	0.00084 - 0.0088	0.0036	0.0024
1,2,3,4,6,7,8,9-OCDF	4/27	--	NC	0	1.7	0	170	--	NC	--	NC	0.00074 J	0.02 J	0.00038 - 0.007844	0.0057	0.0017
1,2,3,4,6,7,8-HPCDD	2/27	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.0011 J	0.0018 J	0.00067 - 0.0029	0.0015	0.0009
1,2,3,4,7,8,9-HPCDF	1/27	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.00027 J	0.00027 J	0.000142 - 0.004106	0.0003	0.0004
1,2,3,4,7,8-HXCDD	3/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.000353 J	0.00086 J	0.00013 - 0.0013	0.0006	0.0003
1,2,3,4,7,8-HXCDF	1/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00058 J	0.00058 J	0.000173 - 0.0016	0.0006	0.0003
1,2,3,6,7,8-HXCDD	3/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00026 J	0.00055 J	0.000142 - 0.0011	0.0004	0.0003
1,2,3,6,7,8-HXCDF	1/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00019 J	0.00019 J	0.00013 - 0.0015	0.0002	0.0002
1,2,3,7,8,9-HXCDD	2/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00033 J	0.00055 J	0.000142 - 0.001113	0.0004	0.0003
1,2,3,7,8,9-HXCDF	2/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00035 J	0.00057 J	0.00015 - 0.0014	0.0005	0.0003
1,2,3,7,8-PECDD	7/27	--	NC	5	0.00052	0	0.052	--	NC	--	NC	0.00047 J	0.0011 J	0.0002 - 0.0017	0.0007	0.0004
1,2,3,7,8-PECDF	4/27	--	NC	0	0.017	0	1.7	--	NC	--	NC	0.00035 J	0.0013 J	0.000142 - 0.00085	0.0008	0.0003
2,3,4,6,7,8-HXCDF	3/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.000214 J	0.00076 J	0.00015 - 0.001214	0.0005	0.0002
2,3,4,7,8-PECDF	1/27	--	NC	0	0.0017	0	0.17	--	NC	--	NC	0.001 J	0.001 J	0.00019 - 0.0011	0.0010	0.0003
2,3,7,8-TCDD	3/27	0	0.03	0	0.00052	0	0.052	0	0.37	--	NC	0.00035 J	0.0004 J	0.0002 - 0.00069	0.0004	0.0002
2,3,7,8-TCDD	3/27	0	0.03	0	0.00052	0	0.052	0	0.37	--	NC	0.00035 J	0.0004 J	0.0002 - 0.00069	0.0004	0.0002
2,3,7,8-TCDF	1/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.0012 J	0.0012 J	0.00012 - 0.0015	0.0012	0.0002
TEQ	18/27	--	NC	6	0.00052	0	0.052	0	0.37	--	NC	0.000000222	0.0011683	0.0002 - 0.00052	0.0004	0.0003
TOTAL HPCDD	22/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00076 J	0.0032 J	0.00067 - 0.002201	0.0019	0.0017
TOTAL HPCDF	21/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00076 J	0.0081 J	0.00079 - 0.0072	0.0021	0.0020
TOTAL HXCDD	9/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00068 J	0.0028 J	0.000451 - 0.0035	0.0014	0.0010
TOTAL HXCDF	11/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.0006 J	0.0036 J	0.00067 - 0.0049	0.0016	0.0012
TOTAL PECDD	9/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00047 J	0.0017 J	0.0002 - 0.001318	0.0009	0.0005
TOTAL PECDF	20/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00033 J	0.0024 J	0.00033 - 0.002	0.0009	0.0008
TOTAL TCDD	7/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00081 J	0.0015 J	0.000602 - 0.0021	0.0011	0.0007
TOTAL TCDF	16/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00035 J	0.0028 J	0.00024 - 0.0017	0.0008	0.0006
Field Parameters																
CHLORINE (MG/L)	30/30	0	4	0	3.7	--	NC	0	37	--	NC	0	0.3	-	0.07	0.07
DISSOLVED OXYGEN (MG/L)	30/30	--	NC	--	NC	--	NC	--	NC	--	NC	5.17	10.73	-	8.66	8.66
OXIDATION REDUCTION POTENTIAL (MV)	30/30	--	NC	--	NC	--	NC	--	NC	--	NC	209	656	-	478.40	478.40
PH (S.U.)	30/30	--	NC	--	NC	--	NC	--	NC	--	NC	5.11	7.72	-	7.15	7.15
SALINITY (%)	30/30	--	NC	--	NC	--	NC	--	NC	--	NC	0	0.02	-	0.01	0.01
SPECIFIC CONDUCTANCE (MS/CM)	30/30	--	NC	--	NC	--	NC	--	NC	--	NC	0.283	89	-	5.21	5.21
TEMPERATURE (C)	30/30	--	NC	--	NC	--	NC	--	NC	--	NC	9.5	29.12	-	16.87	16.87
TOTAL DISSOLVED SOLIDS	1/1	--	NC	--	NC	--	NC	--	NC	--	NC	0.41	0.41	-	0.41	0.41
TURBIDITY (NTU)	24/24	--	NC	--	NC	--	NC	--	NC	--	NC	0	63.9	-	4.56	4.56
Inorganics (UG/L)																
ALUMINUM	21/27	--	NC	0	37000	--	NC	0	370000	--	NC	2.33	154	2.2 - 2.2	13.7	10.9
ANTIMONY	3/27	0	6	0	15	--	NC	0	150	--	NC	0.158	0.328	0.14 - 0.14	0.2	0.1
ARSENIC	27/27	1	10	27	0.045	7	4.5	0	110	--	NC	1.46	20.4	-	4.3	4.3
BARIUM	27/27	0	2000	0	7300	--	NC	0	73000	--	NC	1.51	20.2	-	12.2	12.2
BERYLLIUM	6/27	0	4	0	73	--	NC	0	730	--	NC	0.0308	0.236	0.03 - 0.0567	0.1	0.0
CADMIUM	12/27	0	5	0	18	--	NC	0	180	--	NC	0.0431	0.625	0.04 - 0.04	0.2	0.1
CALCIUM	18/18	--	NC	--	NC	--	NC	--	NC	--	NC	33.6	131	-	77.0	77.0
CHROMIUM	17/27	0	100	--	NC	--	NC	--	NC	--	NC	0.177	5.77	0.15 - 0.956	1.0	0.7
COBALT	16/27	--	NC	0	11	--	NC	0	110	--	NC	0.0372	0.63	0.03 - 0.03	0.1	0.1
COPPER	27/27	1	1300	1	1500	--	NC	0	15000	--	NC	10.2	1740	-	126.6	126.6
IRON	23/27	--	NC	0	26000	--	NC	0	260000	--	NC	4.92	744	4.7 - 4.7	104.5	89.3
LEAD	27/27	1	15	--	NC	--	NC	--	NC	--	NC	0.217	17	-	3.2	3.2
MAGNESIUM	18/18	--	NC	--	NC	--	NC	--	NC	--	NC	5.18	30.7	-	13.4	13.4
MANGANESE	27/27	--	NC	0	880	--	NC	0	8800	--	NC	0.121	15.6	-	2.6	2.6
MERCURY	19/27	0	2	0	0.57	--	NC	0	5.7	0	0.63	0.016	0.137	0.015 - 0.015	0.0	0.0
NICKEL	26/27	--	NC	0	730	--	NC	0	7300	--	NC	0.147	316	3.13 - 3.13	20.1	19.4
POTASSIUM	18/18	--	NC	--	NC	--	NC	--	NC	--	NC	0.626	28.2	-	5.2	5.2
SELENIUM	10/27	0	50	0	180	--	NC	0	1800	--	NC	0.207	0.922	0.2 - 0.2	0.3	0.2
SILVER	3/27	--	NC	0	180	--	NC	0	1800	--	NC	0.165	0.431	0.12 - 0.12	0.3	0.1
SODIUM	18/18	--	NC	--	NC	--	NC	--	NC	--	NC	2.69	89.1	-	11.5	11.5
THALLIUM	1/27	0	2	--	NC	--	NC	--	NC	--	NC	0.807	0.807	0.04 - 0.626	0.8	0.1
TIN	16/27	--	NC	0	22000	--	NC	0	220000	--	NC	0.101	1.18	0.1 - 0.1	0.3	0.2
URANIUM	27/27	0	30	4	1.63	0	163	0	1100	--	NC	0.187	9.72	-	1.3	1.3
VANADIUM	14/27	--	NC	0	180	--	NC	0	2600	--	NC	1.07	21.5	1 - 5.96	4.5	2.7
ZINC	26/27	--	NC	0	11000	--	NC	0	110000	--	NC	24.1	7740	6.42 - 6.42	853.5	822.0

NC-No Criteria
J-Estimated value

TABLE 3.5-4

STUDY AREA 05
PUBLIC SUPPLIED TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Microbiological Parameters																
PLATE COUNT (CFU/1)	1/2	0	500	--	NC	--	NC	--	NC	--	NC	4	4	0 - 0	4.0	2.0
TOTAL COLIFORM (CFU/100)	1/27	1	0	--	NC	--	NC	--	NC	--	NC	4.2	4.2	1 - 1	4.2	0.6
Miscellaneous Parameters (MG/L)																
CHLORIDE	27/27	--	NC	--	NC	--	NC	--	NC	--	NC	5.14	61.6	-	12.16	12.16
FLUORIDE	5/27	0	4	1	1.5	--	NC	--	15	--	NC	0.658	3.44	0.2 - 0.2	1.28	0.32
NITRATE	27/27	0	44.3	0	58	--	NC	0	580	--	NC	1.94 J	36.6	-	4.90	4.90
SULFATE	27/27	--	NC	--	NC	--	NC	--	NC	--	NC	1.98	41.1	-	7.76	7.76
Semivolatile Organics (UG/L)																
BIS(2-ETHYLHEXYL)PHTHALATE	2/15	0	6	0	4.8	0	480	0	7300	--	NC	1.47 J	1.49 J	1.34 - 1.66	1.480	0.810
DI-N-OCTYL PHTHALATE	1/15	--	NC	--	NC	--	NC	--	NC	--	NC	1.29 J	1.29 J	0.191 - 0.216	1.290	0.179
Volatile Organics (UG/L)																
BROMODICHLOROMETHANE	14/27	0	80	14	0.12	0	12	0	7300	--	NC	0.159 J	0.715	0.1 - 0.1	0.30	0.18
BROMOFORM	21/27	0	80	0	8.5	0	850	0	7300	--	NC	0.215 J	3.39	0.06 - 0.06	1.80	1.40
CHLORODIBROMOMETHANE	19/27	0	80	19	0.15	0	150	0	7300	--	NC	0.159 J	1.9	0.1 - 0.1	0.82	0.59
CHLOROFORM	10/27	0	80	2	0.19	0	19	0	1300	0	0.21	0.115 J	0.196 J	0.09 - 0.261	0.16	0.09
TOLUENE	1/27	0	1000	0	2300	--	NC	0	23000	0	10000	0.568 J	0.568 J	0.1 - 0.187	0.57	0.09
Radiological Parameters (PCI/L)																
GROSS ALPHA	5/27	0	15	--	NC	--	NC	--	NC	--	NC	2.96	10	1.1 - 2.99	5.31	1.74
GROSS BETA	10/27	7	8	--	NC	--	NC	--	NC	--	NC	3.09	25.8	1.76 - 6.2	11.90	5.82

NC-No Criteria
J-Estimated value

TABLE 3.5-5

STUDY AREA 05
WELL SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0882	1751	1756	1766	1771	2016	2016	2021
Sample ID						0882IW001	1751TW001	1756TW001	1766IW001	1771TW001	2016TW001	2016TW002	2021TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090416	20090708	20090616	20090518	20090611	20090117	20090420	20090307
Study Area						STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID						6322769404134	6131224406087	6131222602002	6131826808007	6131222602080	6131222602041	6131222602041	6322768840129
Likely Water Source						WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
Shaded cell indicates exceedances of screening level													
Blank Cells indicate that parameter was not analyzed.													
Dioxins/Furans (NG/L)													
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00079 U	0.00028 U	0.00034 U	0.00074 U	0.00081 J	0.00026 J		0.00049 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00066 J	0.00031 U	0.00015 U	0.00031 J	0.00043 U	0.0006 U		0.00049 J
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00063 U	0.00026 U	0.00027 U	0.00022 J	0.00053 U	0.0005 U		0.00039 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00061 U	0.00026 U	0.00039 U	0.00022 U	0.00034 J	0.00053 U		0.000412 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00041 U	0.00024 U	0.00056 J	0.00041 J	0.000503 U	0.00026 U		0.00073 U
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.00061 J	0.0004 U	0.00034 U	0.00041 U	0.00029 J	0.00029 J		0.00029 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00038 U	0.000212 U	0.00044 U	0.00043 J	0.000455 U	0.00031 U		0.00024 U
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.00094 U	0.00068 U	0.0014 U	0.00058 U	0.000311 U	0.00043 J		0.00068 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00038 J	0.00026 J	0.00032 U	0.00031 J	0.00034 U	0.00048 J		0.000412 U
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.00048 U	0.00052 J	0.001 U	0.00065 U	0.00053 J	0.00026 J		0.00063 U
TEQ	NC	0.00052	0.052	0.37	NC	0.000464	0.000312	0.000056	0.000447	0.000104	**0.000646 [R]**		0.000049
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0022 J	0.0023 J	0.0018 J	0.0007 J	0.0022 J	0.002 J		0.0017 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0047 J	0.0019 J	0.0026 J	0.0018 J	0.0021 J	0.00048 J		0.0018 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.0019 J	0.0015 J	0.00078 J	0.0007 U	0.0013 J	0.0016 U		0.0013 U
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0022 J	0.00097 J	0.0021 J	0.0017 J	0.0018 U	0.00093 U		0.0012 J
TOTAL PECDD	NC	NC	NC	NC	NC	0.00051 U	0.0013 J	0.00041 J	0.00034 U	0.000503 U	0.00065 U		0.00049 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.0015 J	0.0011 J	0.0017 J	0.00098 J	0.0006 U	0.00072 J		0.00097 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.00114 U	0.00064 U	0.00068 J	0.000862 U	0.001005 U	0.00098 J		0.001238 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.00071 J	0.00059 J	0.0013 J	0.0007 J	0.00074 J	0.00048 J		0.00075 J
Volatile Organics (UG/L)													
BROMOFORM	80	8.5	850	7300	NC	0.06 U	1.82	0.06 U	0.06 U	0.06 U	0.06 U		0.06 U
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	**0.227 J [R][INH]**	0.119 J	0.09 U	0.123 J	0.09 U		0.09 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.1 U	**20.9 [F][R][C][INH]**	**15.4 [F][R][C][INH]**	**1.55 [R][INH]**	**9.91 [F][R][INH]**	**21.8 [F][R][C][INH]**		0.1 U
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.141 J	0.219 J	0.295 J	0.13 U	0.13 U		0.13 U
Semivolatile Organics (UG/L)													
BAP EQUIVALENT	NC	0.0029	0.29	NC	NC						**0.132 [R]**		
DIBENZO(A,H)ANTHRACENE	NC	0.0029	0.29	NC	NC						**0.132 J [R]**		
Radiological Parameters (PCI/L)													
GROSS ALPHA	15	NC	NC	NC	NC	5.25	5.35 J	5.13	5.21	6.71	4.6		3.07
GROSS BETA	8	NC	NC	NC	NC	**32.8 [F]**	**35.4 [F]**	**39 [F]**	**35.5 [F]**	**42.9 [F]**	**56.8 [F]**		**28.4 [F]**
Inorganics (UG/L)													
ALUMINUM	NC	37000	NC	370000	NC	6.57 U	5.15	2.96	52.6	4.78	2.2 U		15.3
ANTIMONY	6	15	NC	150	NC	0.304	0.154	0.224	0.14 U	0.233	0.195		0.152
ARSENIC	10	0.045	4.5	110	NC	**19.4 [F][R][C]**	**5.56 [R][C]**	**8.49 [R][C]**	**3.61 [R]**	**9.25 [R][C]**	**8.62 [R][C]**		**6.63 [R][C]**
BARIUM	2000	7300	NC	73000	NC	2.5	9.53	7.75	6.05	9.9	6.18		1.18
BERYLLIUM	4	73	NC	730	NC	0.202 U	0.179 U	0.141 J	0.156	0.169	0.148		0.157
CADMIUM	5	18	NC	180	NC	0.04 U	0.04 U	0.04 U	0.04 U	0.134	0.04 U		0.106
CALCIUM	NC	NC	NC	NC	NC	45.2	124	101	93.3	125	99.7		58.1
CHROMIUM	100	NC	NC	NC	NC	0.538 U	0.156	0.178 J	0.262	0.25	0.15 U		0.15 U
COBALT	NC	11	NC	110	NC	0.0625	0.316	0.193 J	0.13	0.501	0.186		0.207
COPPER	1300	1500	NC	15000	NC	1.79	39.3	211	21.9	223	913		299
IRON	NC	26000	NC	260000	NC	27.1	111	73.9 J	36.1	15.6	30.7		37.9 J
LEAD	15	NC	NC	NC	NC	0.487	1.48	0.841 U	2.63	2.8	0.475		0.852 U
MAGNESIUM	NC	NC	NC	NC	NC	8.33	22.5	23.2	25.9	26.2	22		13.7
MANGANESE	NC	880	NC	8800	NC	0.221	2.53	0.132 U	3.72	0.103 U	0.936		6.43
MERCURY	2	0.57	NC	5.7	0.63	0.104	0.015 U	0.015 U	0.031	0.015 U	0.036		0.038 J
NICKEL	NC	730	NC	7300	NC	3.79	66.9	0.171 U	51	2.95	1.46		16.8 J
POTASSIUM	NC	NC	NC	NC	NC	27.5	23.7	44.6	41.6	44.7	43.1		30.2
SELENIUM	50	180	NC	1800	NC	0.422	0.294	0.417	0.706	0.313	0.532 U		0.278
SODIUM	NC	NC	NC	NC	NC	89.6	44.2	66	80.6	81.9	65.7		52.3
THALLIUM	2	NC	NC	NC	NC	0.463 U	0.04 U	0.04 U	0.04 U	0.0653	0.04 U		0.726
TIN	NC	22000	NC	220000	NC	0.1 U	0.259	0.34	0.144	0.496	0.1 U		0.1 U
URANIUM	30	1.63	163	1100	NC	**11.3**	**5.94**	**15.7**	**31.8 [F]**	**17.2**	**11.5**		**4.83**

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.5-5

STUDY AREA 05
WELL SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	0882 0882IW001 RESIDENTIAL PHASE II 20090416 STUDY AREA 05 6322769404134 WELL	1751 1751TW001 RESIDENTIAL PHASE II 20090708 STUDY AREA 05 6131224406087 WELL	1756 1756TW001 RESIDENTIAL PHASE II 20090616 STUDY AREA 05 6131222602002 WELL	1766 1766IW001 RESIDENTIAL PHASE II 20090518 STUDY AREA 05 6131826808007 WELL	1771 1771TW001 RESIDENTIAL PHASE II 20090611 STUDY AREA 09 6131222602080 WELL	2016 2016TW001 RESIDENTIAL PHASE II 20090117 STUDY AREA 05 6131222602041 WELL	2016 2016TW002 RESIDENTIAL PHASE II-RESAMPLE 20090420 STUDY AREA 05 6131222602041 WELL	2021 2021TW001 RESIDENTIAL PHASE II 20090307 STUDY AREA 05 6322768840129 WELL
Shaded cell indicates exceedances of screening level													
Blank Cells indicate that parameter was not analyzed.													
VANADIUM	NC	180	NC	2600	NC	23.1	4	12.5 J	5.55	12.6	11.6		7.12
ZINC	NC	11000	NC	110000	NC	95.1	109	19 J	**17900 [R]**	688	89.2		1520
Microbiological Parameters													
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <			**201 > [F]**	1 <	**12.4 [F]**		1 <
Miscellaneous Parameters (MG/L)													
CHLORIDE	NC	NC	NC	NC	NC	62.8	82.5	87	89.7	99.4	79		61.4
FLUORIDE	4	1.5	NC	15	NC	**3.03**	1.02	1.06	1.11	1	1.13		1.29
NITRATE	44.3	58	NC	580	NC	**54.8 J [F]**	**91 J [F]**	**84 [F]**	**81.2 [F]**	**88.6 J [F]**	**94.8 J [F]**		**85.1 J [F]**
NITRITE	3.29	12.21	NC	37	NC	0.2 UR	0.2 UR	0.2 U	0.705	0.2 U	0.2 UJ		0.2 UJ
SULFATE	NC	NC	NC	NC	NC	58.1	65.1	64.8	59.1	74	69.4		62.1
Field Parameters													
CHLORINE (MG/L)	4	3.7	NC	37	NC	0	0.08	0	0	0	0	0	0.02
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	7.23	8.79	9.45	7.97	7.78	3.33	3.59	8.72
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	280	347	151	180	257	304	277	338
PH (S.U.)	NC	NC	NC	NC	NC	7.56	6.89	6.99	6.98	6.82	7.09	6.87	7.35
SALINITY (%)	NC	NC	NC	NC	NC	0.02	0.02	0.03	0.03	0.04	0.1	0.03	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.773	0.845	1.12	0.983	1.27	1.2	1.1	0.829
TEMPERATURE (C)	NC	NC	NC	NC	NC	19.18	18.87	19.48	25.27	20.31	23.72	18.85	16.58
TURBIDITY (NTU)	NC	NC	NC	NC	NC	0	0	0	9.4	0.2	14	0	0.2

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.5-6

STUDY AREA 05
WELL SUPPLIED TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)																
1,2,3,4,7,8,9-HPCDF	2/7	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.00026 J	0.00081 J	0.00028 - 0.00079	0.00054	0.00034
1,2,3,4,7,8-HXCDD	3/7	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00031 J	0.00066 J	0.00015 - 0.0006	0.00049	0.00032
1,2,3,6,7,8-HXCDD	1/7	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00022 J	0.00022 J	0.00026 - 0.00063	0.00022	0.00022
1,2,3,7,8,9-HXCDD	1/7	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00034 J	0.00034 J	0.00022 - 0.00061	0.00034	0.00022
1,2,3,7,8,9-HXCDF	2/7	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00041 J	0.00056 J	0.00024 - 0.00073	0.00049	0.00029
1,2,3,7,8-PECDF	3/7	--	NC	0	0.017	0	1.7	--	NC	--	NC	0.00029 J	0.00061 J	0.00029 - 0.00041	0.00040	0.00027
2,3,4,6,7,8-HXCDF	1/7	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00043 J	0.00043 J	0.000212 - 0.000455	0.00043	0.00021
2,3,4,7,8-PECDF	1/7	--	NC	0	0.0017	0	0.17	--	NC	--	NC	0.00043 J	0.00043 J	0.000311 - 0.0014	0.00043	0.00039
2,3,7,8-TCDD	4/7	0	0.03	0	0.00052	0	0.052	0	0.37	--	NC	0.00026 J	0.00048 J	0.00032 - 0.000412	0.00036	0.00028
2,3,7,8-TCDF	3/7	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00026 J	0.00053 J	0.00048 - 0.001	0.00044	0.00038
TEQ	7/7	--	NC	1	0.00052	0	0.052	0	0.37	--	NC	0.000049	0.0006463	-	0.00030	0.00030
TOTAL HPCDD	7/7	--	NC	--	NC	--	NC	--	NC	--	NC	0.0007 J	0.0023 J	-	0.00184	0.00184
TOTAL HPCDF	7/7	--	NC	--	NC	--	NC	--	NC	--	NC	0.00048 J	0.0047 J	-	0.00220	0.00220
TOTAL HXCDD	4/7	--	NC	--	NC	--	NC	--	NC	--	NC	0.00078 J	0.0019 J	0.0007 - 0.0016	0.00137	0.00104
TOTAL HXCDF	5/7	--	NC	--	NC	--	NC	--	NC	--	NC	0.00097 J	0.0022 J	0.00093 - 0.0018	0.00163	0.00136
TOTAL PECDD	2/7	--	NC	--	NC	--	NC	--	NC	--	NC	0.00041 J	0.0013 J	0.00034 - 0.00065	0.00086	0.00042
TOTAL PECDF	6/7	--	NC	--	NC	--	NC	--	NC	--	NC	0.00072 J	0.0017 J	0.0006 - 0.0006	0.00116	0.00104
TOTAL TCDD	2/7	--	NC	--	NC	--	NC	--	NC	--	NC	0.00068 J	0.00098 J	0.00064 - 0.001238	0.00083	0.00059
TOTAL TCDF	7/7	--	NC	--	NC	--	NC	--	NC	--	NC	0.00048 J	0.0013 J	-	0.00075	0.00075
Field Parameters																
CHLORINE (MG/L)	8/8	0	4	0	3.7	--	NC	0	37	--	NC	0	0.08	-	0.01	0.01
DISSOLVED OXYGEN (MG/L)	8/8	--	NC	--	NC	--	NC	--	NC	--	NC	3.33	9.45	-	7.11	7.11
OXIDATION REDUCTION POTENTIAL (MV)	8/8	--	NC	--	NC	--	NC	--	NC	--	NC	151	347	-	267	267
PH (S.U.)	8/8	--	NC	--	NC	--	NC	--	NC	--	NC	6.82	7.56	-	7.07	7.07
SALINITY (%)	8/8	--	NC	--	NC	--	NC	--	NC	--	NC	0	0.1	-	0.03	0.03
SPECIFIC CONDUCTANCE (MS/CM)	8/8	--	NC	--	NC	--	NC	--	NC	--	NC	0.773	1.27	-	1.02	1.02
TEMPERATURE (C)	8/8	--	NC	--	NC	--	NC	--	NC	--	NC	16.58	25.27	-	20.28	20.28
TURBIDITY (NTU)	8/8	--	NC	--	NC	--	NC	--	NC	--	NC	0	14	-	2.98	2.98
Inorganics (UG/L)																
ALUMINUM	5/7	--	NC	0	37000	--	NC	0	370000	--	NC	2.96	52.6	2.2 - 6.57	16.16	12.17
ANTIMONY	6/7	0	6	0	15	--	NC	0	150	--	NC	0.152	0.304	0.14 - 0.14	0.21	0.19
ARSENIC	7/7	1	10	7	0.045	6	4.5	0	110	--	NC	3.61	19.4	-	8.79	8.79
BARIUM	7/7	0	2000	0	7300	--	NC	0	73000	--	NC	1.18	9.9	-	6.16	6.16
BERYLLIUM	5/7	0	4	0	73	--	NC	0	730	--	NC	0.141 J	0.169	0.179 - 0.202	0.15	0.14
CADMIUM	2/7	0	5	0	18	--	NC	0	180	--	NC	0.106	0.134	0.04 - 0.04	0.12	0.05
CALCIUM	7/7	--	NC	--	NC	--	NC	--	NC	--	NC	45.2	125	-	92.33	92.33
CHROMIUM	4/7	0	100	--	NC	--	NC	--	NC	--	NC	0.156	0.262	0.15 - 0.538	0.21	0.18
COBALT	7/7	--	NC	0	11	--	NC	0	110	--	NC	0.0625	0.501	-	0.23	0.23
COPPER	7/7	0	1300	0	1500	--	NC	0	15000	--	NC	1.79	913	-	244.14	244.14
IRON	7/7	--	NC	0	26000	--	NC	0	260000	--	NC	15.6	111	-	47.47	47.47
LEAD	5/7	0	15	--	NC	--	NC	--	NC	--	NC	0.475	2.8	0.841 - 0.852	1.57	1.25
MAGNESIUM	7/7	--	NC	--	NC	--	NC	--	NC	--	NC	8.33	26.2	-	20.26	20.26
MANGANESE	5/7	--	NC	0	880	--	NC	0	8800	--	NC	0.221	6.43	0.103 - 0.132	2.77	1.99
MERCURY	4/7	0	2	0	0.57	--	NC	0	5.7	0	0.63	0.031	0.104	0.015 - 0.015	0.05	0.03
NICKEL	6/7	--	NC	0	730	--	NC	0	7300	--	NC	1.46	66.9	0.171 - 0.171	23.82	20.43
POTASSIUM	7/7	--	NC	--	NC	--	NC	--	NC	--	NC	23.7	44.7	-	36.49	36.49
SELENIUM	6/7	0	50	0	180	--	NC	0	1800	--	NC	0.278	0.706	0.532 - 0.532	0.41	0.39
SODIUM	7/7	--	NC	--	NC	--	NC	--	NC	--	NC	44.2	89.6	-	68.61	68.61
THALLIUM	2/7	0	2	--	NC	--	NC	--	NC	--	NC	0.0653	0.726	0.04 - 0.463	0.40	0.16
TIN	4/7	--	NC	0	22000	--	NC	0	220000	--	NC	0.144	0.496	0.1 - 0.1	0.31	0.20
URANIUM	7/7	1	30	7	1.63	0	163	0	1100	--	NC	4.83	31.8	-	14.04	14.04
VANADIUM	7/7	--	NC	0	180	--	NC	0	2600	--	NC	4	23.1	-	10.92	10.92
ZINC	7/7	--	NC	1	11000	--	NC	0	110000	--	NC	19 J	17900	-	2917.19	2917.19
Microbiological Parameters																
TOTAL COLIFORM (CFU/100)	2/5	2	0	--	NC	--	NC	--	NC	--	NC	12.4	201 >	1 - 1	106.70	42.98
Miscellaneous Parameters (MG/L)																
CHLORIDE	7/7	--	NC	--	NC	--	NC	--	NC	--	NC	61.4	99.4	-	80.26	80.26
FLUORIDE	7/7	0	1	1	1.5	--	NC	0	15	--	NC	1	3.03	-	1.38	1.38
NITRATE	7/7	7	44.3	0	58	--	580	0	580	--	NC	54.8 J	94.8 J	-	82.79	82.79
NITRITE	1/5	0	3.29	0	12.21	--	NC	0	37	--	NC	0.705	0.705	0.2 - 0.2	0.71	0.22
SULFATE	7/7	--	NC	--	NC	--	NC	--	NC	--	NC	58.1	74	-	64.66	64.66
Semivolatile Organics (UG/L)																
BAP EQUIVALENT	1/1	--	NC	1	0.0029	0	0.29	--	NC	--	NC	0.132	0.132	-	0.13	0.13
DIBENZO(A,H)ANTHRACENE	1/1	--	NC	1	0.0029	0	0.29	--	NC	--	NC	0.132 J	0.132 J	-	0.13	0.13

NC-No Criteria
J-Estiamted value

TABLE 3.5-6

STUDY AREA 05
WELL SUPPLIED TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
PAGE 2 OF 2

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Volatile Organics (UG/L)																
BROMOFORM	1/7	0	80	0	8.5	0	850	0	7300	--	NC	1.82	1.82	0.06 - 0.06	1.82	0.29
CHLOROFORM	3/7	0	80	1	0.19	0	19	0	1300	1	0.21	0.119 J	0.227 J	0.09 - 0.09	0.16	0.09
TETRACHLOROETHENE	5/7	4	5	5	0.11	3	11	0	2200	5	0.82	1.55	21.8	0.1 - 0.1	13.91	9.95
TRICHLOROETHENE	3/7	0	5	0	1.7	0	170	--	NC	0	2.4	0.141 J	0.295 J	0.13 - 0.13	0.22	0.13
Radiological Parameters (PCI/L)																
GROSS ALPHA	7/7	0	15	--	NC	--	NC	--	NC	--	NC	3.07	6.71	-	5.05	5.05
GROSS BETA	7/7	7	8	--	NC	--	NC	--	NC	--	NC	28.4	56.8	-	38.69	38.69

NC-No Criteria
J-Estiamted value

TABLE 3.5-7

STUDY AREA 05
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0894	0894	0894	0975	1120	1132	1132	1132	1813	1849	2016	2049	2051
Sample ID		0894SS0010006	0894SS0010006-AVG	0894SS0010006-D	0975SS0010006	1120SS0010006	1132SS0010006	1132SS0010006-AVG	1132SS0010006-D	1813SS0010006	1849SS0010006	2016SS0010006	2049SS0010006	2051SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090219	20090219	20090219	20090220	20081128	20090227	20090227	20090227	20090224	20090207	20090117	20090204	20090116
Study Area		STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID		6322768906220	6322768906220	6322768906220	6322768722200	6322980422160	6322979603358	6322979603358	6322979603358	6178600406130	6322975682150	6131222602041	6322974806159	6322976202630
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC
Shaded cell indicates exceedance of a screening level														
Dioxins/Furans (NG/KG)														
1,2,3,4,6,7,8,9-OCDD	15000	8.6 J	6.175 J	7.5 U	74	13	210	205	200	20	17	5.3 U	20	26
1,2,3,4,6,7,8,9-OCDF	15000	2.4 J	2.05 J	1.7 J	4.3 J	1.5 J	2.2 J	2 J	1.8 J	3 J	1.4 J	0.4 U	2 J	1.3 J
1,2,3,4,6,7,8-HPCDD	450	2.5 J	1.775 J	2.1 U	10	2.3 U	30	32.5	35	2.8 J	6.1 J	0.79 U	2.9 J	4.2 J
1,2,3,4,6,7,8-HPCDF	450	1.2 J	1.25 J	1.3 J	2.5 J	1.1 J	1.8 J	1.85 J	1.9 J	1.3 J	4 J	0.68 U	1.4 U	1.2 U
1,2,3,4,7,8,9-HPCDF	450	0.26 J	0.1825 J	0.21 U	0.301735 U	0.12 U	0.59 U	0.395 U	0.2 U	0.22 U	0.46 J	0.21 U	0.1042 U	0.134212 U
1,2,3,4,7,8-HXCDD	45	0.21 U	0.18 J	0.18 J	0.26 U	0.066 J	0.2507 U	0.12 J	0.12 J	0.26 U	0.46 J	0.17 U	0.09 U	0.13 U
1,2,3,4,7,8-HXCDF	45	0.32 J	0.2125 J	0.21 U	9 J	0.29 J	0.58 J	0.475 J	0.37 J	0.32 J	1.5 J	0.11 U	0.47 J	0.72 J
1,2,3,6,7,8-HXCDD	45	0.38 U	0.34 U	0.3 U	0.41 U	0.2 U	0.7 J	0.66 J	0.62 J	0.81 J	0.88 J	0.14 U	0.16 U	0.13 U
1,2,3,6,7,8-HXCDF	45	0.38 J	0.235 J	0.18 U	0.52 J	0.13 J	0.24 U	0.2 U	0.16 U	0.24 J	1.3 J	0.14 U	0.11 U	0.31 U
1,2,3,7,8,9-HXCDD	45	0.35 J	0.32 J	0.29 J	0.28 J	0.12 U	0.44 J	0.28 J	0.12 J	0.45 J	0.78 J	0.14 U	0.12 U	0.19 J
1,2,3,7,8,9-HXCDF	45	0.23 U	0.275 U	0.32 U	0.290959 U	0.066495 U	0.302 U	0.236 U	0.17 U	0.24 U	0.28 J	0.13 U	0.101 U	0.13 U
1,2,3,7,8-PECDD	4.5	0.22 U	0.195 U	0.17 U	0.262222 U	0.054 J	0.22 U	0.18 U	0.14 U	0.27 U	0.55 J	0.16 U	0.13 U	0.114223 U
1,2,3,7,8-PECDF	150	0.29 J	0.1825 J	0.15 U	1.2 J	0.16 U	0.21 U	0.15 J	0.15 J	0.21 U	1.1 J	0.1 J	0.62 J	0.21 J
2,3,4,6,7,8-HXCDF	45	0.3 J	0.28 J	0.26 J	0.75 J	0.14 U	0.31 J	1.955 J	3.6	0.22 U	2 J	0.23 J	0.13 U	0.34 J
2,3,4,7,8-PECDF	15	0.4 J	0.365 J	0.33 J	0.76 J	0.24 U	0.31 U	0.3 U	0.29 U	0.36 J	1.7	0.098 U	0.34 U	0.35 J
2,3,7,8-TCDD	4.5	0.13 U	0.12 U	0.11 U	0.15446 U	0.042315 U	0.13 U	0.0985 U	0.067 U	0.13 U	0.24 J	0.06 J	0.11 U	0.089 U
2,3,7,8-TCDF	45	0.69 U	0.625 U	0.56 U	2.9	0.25 J	0.28 U	0.37 U	0.46 U	0.49 U	1.1 J	0.22 U	0.43 U	0.31 U
TEQ	4.5	0.31	0.25	0.19	1.76	0.14	0.58	0.76	0.92	0.34	2.27	0.09	0.10	0.29
TOTAL HPCDD	NC	4.6 J	4.55 J	4.5 J	19	4 J	57	57.5	58	5.7 J	13 J	1.8 J	5.1 J	8.6 J
TOTAL HPCDF	NC	2.4 J	2.25 J	2.1 J	4.9 J	2.3 J	9.8 J	9.7 J	9.6 J	3.5 J	5.8 J	1.3 J	3.7 J	2.3 J
TOTAL HXCDD	NC	3.9 J	3.85 J	3.8 J	5.4 J	1.8 J	7 J	6.8 J	6.6 J	4.1 J	32	0.45 U	2.7 J	4 J
TOTAL HXCDF	NC	4.5 J	4.05 J	3.6 J	9.2 J	3 J	8.7 J	9.35 J	10 J	3 J	20 J	1.4 J	3.3 J	4.8 J
TOTAL PECDD	NC	4.5	4.1 J	3.7 J	1.1 J	0.98 J	1.2 J	1.7 J	2.2 J	0.27 U	21	0.16 J	0.52 J	1.9 J
TOTAL PECDF	NC	5.5 J	4.15 J	2.8 J	14 J	2.2 J	6.5 J	7.1 J	7.7 J	1.7 J	25	0.2 J	3.7 J	6.8 J
TOTAL TCDD	NC	4.9	4.15	3.4	1.9 J	1.2 J	1.7	1.75 J	1.8 J	2.1	18	0.56 J	1.3 J	2.5
TOTAL TCDF	NC	7.3 J	7.15 J	7 J	15 J	2.9 J	4.4 J	4.85 J	5.3 J	3.8 J	24	0.38 J	2.3 J	4 J
Volatile Organics (MG/KG)														
1,1,2-TRICHLOROTRIFLUOROETHANE	43000	0.00301 J	0.001746 J	0.000962 U	0.000933 U	0.000975 U	0.000869 U	0.000866 U	0.000863 U	0.000958 U	0.000957 U	0.00106 U	0.00115 U	0.000956 U
4-ISOPROPYLTOLUENE	NC	0.00027 U	0.000273 U	0.000275 U	0.00544 J	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
ACETONE	61000	0.00784 U	0.005945 J	0.00797 J	0.00773 U	0.00808 U	0.0243	0.01805 J	0.0118 J	0.0157 J	0.0204 U	0.0088 U	0.00957 U	0.00792 U
BENZENE	1.1	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.00434 J	0.003095 J	0.00185 J	0.0045 J	0.00041 U	0.000455 U	0.000495 U	0.00041 U
CHLOROFORM	0.29	0.000947 U	0.000955 U	0.000962 U	0.000933 U	0.000975 U	0.000869 U	0.000866 U	0.000863 U	0.000958 U	0.000957 U	0.00106 J	0.00115 U	0.000956 U
METHYLENE CHLORIDE	11	0.00135 U	0.00136 U	0.00137 U	0.00133 U	0.00139 U	0.00124 U	0.001235 U	0.00123 U	0.00137 U	0.00137 U	0.00152 U	0.00165 J	0.00137 U
TOLUENE	5000	0.00623 J	0.003287 J	0.000687 U	0.000666 U	0.000697 U	0.00151 J	0.001063 J	0.000616 J	0.00912 J	0.0123	0.032	0.000825 U	0.000683 U
Semivolatile Organics (MG/KG)														
1,1-BIPHENYL	3900	0.02 U	0.0202 U	0.0204 U	0.0201 U	0.0381 J	0.0184 U	0.01845 U	0.0185 U	0.0201 U	0.0204 U	0.0226 U	0.0246 U	0.0203 U
1,2,4,5-TETRACHLOROBENZENE	18	0.016 U	0.01615 U	0.0163 U	0.0161 U	0.048 J	0.0147 U	0.01475 U	0.0148 U	0.0161 U	0.0163 U	0.0181 U	0.0197 U	0.0162 U
2,4,5-TRICHLOROPHENOL	6100	0.164 UJ	0.1655 UJ	0.167 UJ	0.165 UJ	0.17 J	0.151 U	0.1515 U	0.152 U	0.165 U	0.167 UJ	0.186 U	0.202 UJ	0.166 U
2,4,6-TRICHLOROPHENOL	44	0.0878 UJ	0.0888 UJ	0.0898 UJ	0.0885 UJ	0.121 J	0.0808 U	0.08105 U	0.0813 U	0.0885 U	0.0899 UJ	0.0996 U	0.108 UJ	0.0893 U
2,4-DICHLOROPHENOL	180	0.102 UJ	0.1035 UJ	0.105 UJ	0.103 UJ	0.159 J	0.0943 U	0.0946 U	0.0949 U	0.103 U	0.105 UJ	0.116 U	0.127 UJ	0.104 U
2,4-DIMETHYLPHENOL	1200	0.197 UJ	0.199 UJ	0.201 UJ	0.198 UJ	0.205 J	0.181 U	0.1815 U	0.182 U	0.198 U	0.202 UJ	0.223 U	0.243 UJ	0.2 U
2,6-DICHLOROPHENOL	NC	0.0626 UJ	0.06325 UJ	0.0639 UJ	0.063 UJ	0.173 J	0.0576 U	0.05775 U	0.0579 U	0.063 U	0.064 UJ	0.0709 U	0.0772 UJ	0.0975 J
2-CHLORONAPHTHALENE	6300	0.0106 U	0.01075 U	0.0109 U	0.0107 U	0.0363 J	0.0098 U	0.00983 U	0.00986 U	0.0107 U	0.0109 U	0.0121 U	0.0131 U	0.0108 U
2-CHLOROPHENOL	390	0.0666 UJ	0.0673 UJ	0.068 UJ	0.067 UJ	0.131 J	0.0612 U	0.0614 U	0.0616 U	0.067 U	0.0681 UJ	0.0754 U	0.0822 UJ	0.113 J
2-METHYLNAPHTHALENE	310	0.0226 U	0.02285 U	0.0231 U	0.0228 U	0.0235 J	0.0208 U	0.0209 U	0.021 U	0.0228 U	0.0231 U	0.0257 U	0.0279 U	0.023 U
2-METHYLPHENOL	3100	0.133 UJ	0.1345 UJ	0.136 UJ	0.134 UJ	0.172 J	0.122 U	0.1225 U	0.123 U	0.134 U	0.136 UJ	0.151 U	0.164 UJ	0.135 U
2-NITROPHENOL	NC	0.0839 UJ	0.0848 UJ	0.0857 UJ	0.0845 UJ	0.0958 J	0.0771 U	0.07735 U	0.0776 U	0.0845 U	0.0858 UJ	0.0951 U	0.104 UJ	0.0852 J
3&4-METHYLPHENOL	NC	0.153 UJ	0.1545 UJ	0.156 UJ	0.154 UJ	0.37	0.141 U	0.1415 U	0.142 U	0.154 U	0.157 UJ	0.174 U	0.189 UJ	0.196 J
ACENAPHTHENE	3400	0.0133 U	0.01345 U	0.0136 U	0.0134 U	0.0224 J	0.0122 U	0.01225 U	0.0123 U	0.0134 U	0.0136 U	0.0151 U	0.0164 U	0.0135 U
ACENAPHTHYLENE	3400	0.012 U	0.0121 U	0.0122 U	0.0121 U	0.0209 J	0.011 U	0.01105 U	0.0111 U	0.0121 U	0.0123 U	0.0136 U	0.0148 U	0.0122 U
ANILINE	85	0.0266 U	0.0269 U	0.0272 U	0.0268 U	0.0624 J	0.0245 U	0.02455 U	0.0246 U	0.0268 U	0.0272 U	0.0302 U	0.0329 U	0.027 U
BAP EQUIVALENT	0.015	0.0226 U	0.02285 U	0.0231 U	0.0228 U	0.0235 U	0.0208 U	0.0209 U	0.021 U	0.0228 U	0.0231 U	0.0257 U	0.0279 U	**0.028802 [R]**
BENZO(K)FLUORANTHENE	1.5	0.024 U	0.02425 U	0.0245 U	0.0241 U	0.0249 U	0.022 U	0.0221 U	0.0222 U	0.0241 U	0.0245 U	0.0272 U	0.0296 U	0.0302 J
BIS(2-ETHYLHEXYL)PHTHALATE	35	0.14 U	0.1415 U	0.143 U	0.141 U	0.42	0.129 U	0.19375 J	0.323 J	0.141 U	0.143 J	0.158 U	0.173 U	0.142 U
DI-N-BUTYL PHTHALATE	6100	0.0572 U	0.05785 U	0.0585 U	0.0576 U	0.0651 J	0.0527 J	0.05845 J	0.0642 J	0.0577 J	0.0585 U	0.0649 U	0.0706 U	0.0582 U
DIBENZO(A,H)ANTHRACENE	0.015	0.024 U	0.02425 U	0.0245 U	0.0241 U	0.0249 U	0.022 U	0.0221 U	0.0222 U	0.0241 U	0.0245 U	0.0272 U	0.0296 U	**0.0285 J [R]**
DIBENZOFURAN	78	0.0133 U	0.01345 U	0.0136 U	0.0134 U	0.018 J	0.0122 U	0.01225 U	0.0123 U	0.0134 U	0.0136 U	0.0151 U	0.0164 U	0.0135 U

NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Soil RSL

TABLE 3.5-7

STUDY AREA 05
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
PAGE 2 OF 2

Location		0894	0894	0894	0975	1120	1132	1132	1132	1813	1849	2016	2049	2051
Sample ID		0894SS0010006	0894SS0010006-AVG	0894SS0010006-D	0975SS0010006	1120SS0010006	1132SS0010006	1132SS0010006-AVG	1132SS0010006-D	1813SS0010006	1849SS0010006	2016SS0010006	2049SS0010006	2051SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090219	20090219	20090219	20090220	20081128	20090227	20090227	20090227	20090224	20090207	20090117	20090204	20090116
Study Area		STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID		6322768906220	6322768906220	6322768906220	6322768722200	6322980422160	6322979603358	6322979603358	6322979603358	6178600406130	6322975682150	6131222602041	6322974806159	6322976202630
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC
Shaded cell indicates exceedance of a screening level														
NAPHTHALENE	3.6	0.00799 U	0.008075 U	0.00816 U	0.00804 U	0.0412 J	0.00735 U	0.007375 U	0.0074 U	0.00805 U	0.00817 U	0.00905 U	0.00986 U	0.00812 U
NITROBENZENE	4.8	0.02 U	0.0202 U	0.0204 U	0.0201 U	0.0479 J	0.0184 U	0.01845 U	0.0185 U	0.0201 U	0.0204 U	0.0226 U	0.0246 U	0.0203 U
O-TOLUIDINE	NC	0.024 U	0.02425 U	0.0245 U	0.0241 U	0.0519 J	0.022 U	0.0221 U	0.0222 U	0.0241 U	0.0245 U	0.0272 U	0.0296 U	0.0243 U
Pesticides/PCBs (MG/KG)														
ENDOSULFAN SULFATE	370	0.000793 U	0.000774 U	0.000754 U	0.000731 U	0.000757 U	0.000695 U	0.000724 U	0.000752 U	0.00076 U	0.000712 J	0.000755 U	0.000926 U	0.000762 U
Inorganics (MG/KG)														
ALUMINUM	77000	49400	52300	55200	38300	36500	28800	31350	33900	17800	33000	59200	56400	31500
ANTIMONY	31	0.609	0.62	0.631	0.417	0.52	0.43	0.4435	0.457	0.222	0.504	0.562	0.561	0.536
ARSENIC	0.39	**13.5 [R]**	**14.7 [R]**	**15.9 [R]**	**11 [R]**	**14.7 [R]**	**5.43 [R]**	**5.625 [R]**	**5.82 [R]**	**6.63 [R]**	**11.1 [R]**	**14.3 [R]**	**14.5 [R]**	**10.1 [R]**
BARIUM	15000	415	415.5	416	305	280	364	385.5	407	139	279	583	504	306
BERYLLIUM	160	5.5	5.95	6.4	4.6	4.37	2.98	3.205	3.43	2.07 J	4.57	5.91	6.68	3.42
CADMIUM	70	0.311	0.3315	0.352	0.251	0.289	0.403	0.42	0.437	0.153	0.258	0.864	0.0859	0.428
CHROMIUM	120000	5.18 J	4.965 J	4.75 J	5.3	27	5.33	5.97	6.61	3.48 J	5.59	4.83	4.61	12.4
COBALT	23	5.41	5.54	5.67	5.04	4.74	3.87	3.98	4.09	2.61 J	3.42	6.82	5.76	4.73
COPPER	3100	15.4	15.6	15.8	10	43.7	12.3	13.75	15.2	14.5 J	16.6	23.2	22.9	26.3
IRON	55000	23800	24700	25600	19700	19500	15000	16200	17400	9920	15500	27100	24500	21500
LEAD	400	39.9	40.25	40.6	28.1	33.4	32	30.2	28.4	16.5	35.9	41.1	45.7	50.8
MANGANESE	1800	698	728.5	759	649	609	459	482	505	306	566	842	692	605
MERCURY	4.3	0.0952 U	0.0991 U	0.103 U	0.107 U	0.178	0.0984 U	0.1007 U	0.103 U	0.105 U	0.0935 U	0.106 U	0.109 U	0.103 U
NICKEL	1500	4.22	4.465	4.71	3.38	5.15	2.87	3.455	4.04	2.37 J	2.22	4.42	4.04	5.89
SELENIUM	390	0.18	0.178	0.176	0.0968	0.22 U	0.163	0.12705	0.0911	0.0784 U	0.0808	0.203	0.0863	0.184 J
SILVER	390	0.22	0.207	0.194	0.156	0.158	2.19	2.265	2.34	0.0979 U	0.121	0.146	0.103 U	0.102 U
THALLIUM	NC	2.22 J	1.5725 J	1.85 U	1.92 U	0.0792 U	1.94 U	1.64 U	1.34 U	0.554 U	1.29	1.88	1.25	1.73
TIN	47000	3.22	3.27	3.32	2.44	2.72	1.95	2.19	2.43	1.36	2.57	3.74	3.18	2.88
VANADIUM	390	44.2	47.55	50.9	36.5	39.8	29.7	32.2	34.7	26.3 J	24.5	41.2	42.1	32.8
ZINC	23000	58.7	65.05	71.4	51.3	71.4	56.1	60.6	65.1	28.9 J	69.9	60.3	50.1	105

NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Soil RSL

TABLE 3.5-8

STUDY AREA 05
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/KG)								
1,2,3,4,6,7,8,9-OCDD	8/9	0	15000	6.175 J	210	5.3 - 7.5	47.65	42.65
1,2,3,4,6,7,8,9-OCDF	8/9	0	15000	1.3 J	4.3 J	0.4 - 0.4	2.19	1.97
1,2,3,4,6,7,8-HPCDD	7/9	0	450	1.775 J	35	0.79 - 2.3	8.61	6.87
1,2,3,4,6,7,8-HPCDF	6/9	0	450	1.1 J	4 J	0.68 - 1.4	2.00	1.52
1,2,3,4,7,8,9-HPCDF	2/9	0	450	0.1825 J	0.46 J	0.1042 - 0.59	0.32	0.15
1,2,3,4,7,8-HXCDD	4/9	0	45	0.066 J	0.46 J	0.09 - 0.26	0.21	0.14
1,2,3,4,7,8-HXCDF	8/9	0	45	0.2125 J	9 J	0.11 - 0.21	1.62	1.45
1,2,3,6,7,8-HXCDD	3/9	0	45	0.62 J	0.88 J	0.13 - 0.41	0.78	0.34
1,2,3,6,7,8-HXCDF	5/9	0	45	0.13 J	1.3 J	0.11 - 0.31	0.49	0.31
1,2,3,7,8,9-HXCDD	6/9	0	45	0.12 J	0.78 J	0.12 - 0.14	0.38	0.28
1,2,3,7,8,9-HXCDF	1/9	0	45	0.28 J	0.28 J	0.066495 - 0.32	0.28	0.11
1,2,3,7,8-PECDD	2/9	0	4.5	0.054 J	0.55 J	0.114223 - 0.27	0.30	0.14
1,2,3,7,8-PECDF	7/9	0	150	0.1 J	1.2 J	0.15 - 0.21	0.51	0.42
2,3,4,6,7,8-HXCDF	6/9	0	45	0.23 J	3.6	0.13 - 0.22	0.93	0.64
2,3,4,7,8-PECDF	5/9	0	15	0.33 J	1.7	0.098 - 0.34	0.71	0.45
2,3,7,8-TCDD	2/9	0	4.5	0.06 J	0.24 J	0.042315 - 0.15446	0.15	0.07
2,3,7,8-TCDF	3/9	0	45	0.25 J	2.9	0.22 - 0.69	1.42	0.61
TEQ	9/9	0	4.5	0.086	2.27	-	0.67	0.67
TOTAL HPCDD	9/9	--	NC	1.8 J	58	-	13.25	13.25
TOTAL HPCDF	9/9	--	NC	1.3 J	9.8 J	-	3.97	3.97
TOTAL HXCDD	8/9	--	NC	1.8 J	32	0.45 - 0.45	7.58	6.76
TOTAL HXCDF	9/9	--	NC	1.4 J	20 J	-	6.46	6.46
TOTAL PECDD	8/9	--	NC	0.16 J	21	0.27 - 0.27	3.93	3.51
TOTAL PECDF	9/9	--	NC	0.2 J	25	-	7.21	7.21
TOTAL TCDD	9/9	--	NC	0.56 J	18	-	3.72	3.72
TOTAL TCDF	9/9	--	NC	0.38 J	24	-	7.15	7.15
Inorganics (MG/KG)								
ALUMINUM	9/9	0	77000	17800	59200	-	39594.4	39594.4
ANTIMONY	9/9	0	31	0.222	0.631	-	0.5	0.5
ARSENIC	9/9	9	0.39	5.43	15.9	-	11.4	11.4
BARIUM	9/9	0	15000	139	583	-	355.2	355.2
BERYLLIUM	9/9	0	160	2.07 J	6.68	-	4.5	4.5
CADMIUM	9/9	0	70	0.0859	0.864	-	0.3	0.3
CHROMIUM	9/9	0	120000	3.48 J	27	-	8.2	8.2
COBALT	9/9	0	23	2.61 J	6.82	-	4.7	4.7
COPPER	9/9	0	3100	10	43.7	-	20.7	20.7
IRON	9/9	0	55000	9920	27100	-	19846.7	19846.7
LEAD	9/9	0	400	16.5	50.8	-	35.8	35.8
MANGANESE	9/9	0	1800	306	842	-	608.8	608.8
MERCURY	1/9	0	4.3	0.178	0.178	0.0935 - 0.109	0.2	0.1
NICKEL	9/9	0	1500	2.22	5.89	-	3.9	3.9
SELENIUM	7/9	0	390	0.0808	0.203	0.0784 - 0.22	0.1	0.1
SILVER	6/9	0	390	0.121	2.34	0.0979 - 0.103	0.5	0.4

NC-No Criteria
J-Estimated value

TABLE 3.5-8

STUDY AREA 05
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
THALLIUM	5/9	--	NC	1.25	2.22 J	0.0792 - 1.94	1.5	1.1
TIN	9/9	0	47000	1.36	3.74	-	2.7	2.7
VANADIUM	9/9	0	390	24.5	50.9	-	35.9	35.9
ZINC	9/9	0	23000	28.9 J	105	-	62.5	62.5
Semivolatile Organics (MG/KG)								
1,1-BIPHENYL	1/9	0	3900	0.0381 J	0.0381 J	0.0184 - 0.0246	0.0381	0.0135
1,2,4,5-TETRACHLOROBENZENE	1/9	0	18	0.048 J	0.048 J	0.0147 - 0.0197	0.0480	0.0127
2,4,5-TRICHLOROPHENOL	1/9	0	6100	0.17 J	0.17 J	0.151 - 0.202	0.1700	0.0949
2,4,6-TRICHLOROPHENOL	1/9	0	44	0.121 J	0.121 J	0.0808 - 0.108	0.1210	0.0542
2,4-DICHLOROPHENOL	1/9	0	180	0.159 J	0.159 J	0.0943 - 0.127	0.1590	0.0652
2,4-DIMETHYLPHENOL	1/9	0	1200	0.205 J	0.205 J	0.181 - 0.243	0.2050	0.1141
2,6-DICHLOROPHENOL	2/9	--	NC	0.0975 J	0.173 J	0.0576 - 0.0772	0.1353	0.0556
2-CHLORONAPHTHALENE	1/9	0	6300	0.0363 J	0.0363 J	0.0098 - 0.0131	0.0363	0.0090
2-CHLOROPHENOL	2/9	0	390	0.113 J	0.131 J	0.0612 - 0.0822	0.1220	0.0542
2-METHYLNAPHTHALENE	1/9	0	310	0.0235 J	0.0235 J	0.0208 - 0.0279	0.0235	0.0131
2-METHYLPHENOL	1/9	0	3100	0.172 J	0.172 J	0.122 - 0.164	0.1720	0.0808
2-NITROPHENOL	2/9	--	NC	0.0852 J	0.0958 J	0.0771 - 0.104	0.0905	0.0543
3&4-METHYLPHENOL	2/9	--	NC	0.196 J	0.37	0.141 - 0.189	0.2830	0.1253
ACENAPHTHENE	1/9	0	3400	0.0224 J	0.0224 J	0.0122 - 0.0164	0.0224	0.0087
ACENAPHTHYLENE	1/9	0	3400	0.0209 J	0.0209 J	0.011 - 0.0148	0.0209	0.0079
ANILINE	1/9	0	85	0.0624 J	0.0624 J	0.0245 - 0.0329	0.0624	0.0193
BAP EQUIVALENT	1/9	1	0.015	0.028802	0.028802	0.0208 - 0.0279	0.0288	0.0137
BENZO(K)FLUORANTHENE	1/9	0	1.5	0.0302 J	0.0302 J	0.022 - 0.0296	0.0302	0.0145
BIS(2-ETHYLHEXYL)PHTHALATE	3/9	0	35	0.143 J	0.42	0.129 - 0.173	0.2523	0.1339
DI-N-BUTYL PHTHALATE	3/9	0	6100	0.0527 J	0.0651 J	0.0572 - 0.0706	0.0604	0.0406
DIBENZO(A,H)ANTHRACENE	1/9	1	0.015	0.0285 J	0.0285 J	0.022 - 0.0296	0.0285	0.0143
DIBENZOFURAN	1/9	0	78	0.018 J	0.018 J	0.0122 - 0.0164	0.0180	0.0082
NAPHTHALENE	1/9	0	3.6	0.0412 J	0.0412 J	0.00735 - 0.00986	0.0412	0.0083
NITROBENZENE	1/9	0	4.8	0.0479 J	0.0479 J	0.0184 - 0.0246	0.0479	0.0146
O-TOLUIDINE	1/9	--	NC	0.0519 J	0.0519 J	0.022 - 0.0296	0.0519	0.0169
Volatile Organics (MG/KG)								
1,1,2-TRICHLOROTRIFLUOROETHANE	1/9	0	43000	0.001746 J	0.00301 J	0.000863 - 0.00115	0.00175	0.00063
4-ISOPROPYLTOLUENE	1/9	--	NC	0.00544 J	0.00544 J	0.000246 - 0.00033	0.00544	0.00073
ACETONE	3/9	0	61000	0.005945 J	0.0243	0.00773 - 0.0204	0.01323	0.00788
BENZENE	2/9	0	1.1	0.00185 J	0.0045 J	0.0004 - 0.000495	0.00380	0.00101
CHLOROFORM	1/9	0	0.29	0.00106 J	0.00106 J	0.000863 - 0.00115	0.00106	0.00055
METHYLENE CHLORIDE	1/9	0	11	0.00165 J	0.00165 J	0.00123 - 0.00152	0.00165	0.00079
TOLUENE	5/9	0	5000	0.000616 J	0.032	0.000666 - 0.000825	0.01155	0.00658
Pesticides/PCBs (MG/KG)								
ENDOSULFAN SULFATE	1/9	0	370	0.000712 J	0.000712 J	0.000695 - 0.000926	0.000712	0.000423

NC-No Criteria
J-Estimated value

TABLE 3.6-1

STUDY AREA 06
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0198	0199	0548	0548	0548	0548	0548	0548	0789	0789	0789	0801	0805	0813
Sample ID		0198SG001	0199SG002	0548SG003	0548SG003-AVG	0548SG003-D	0548SG004	0548SG004-AVG	0548SG004-D	0789SG001	0789SG001-AVG	0789SG001-D	0801SG001	0805SG001	0813SG001
Residential / Government		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	RBL	PHASE II	PSG -> ASG	PSG -> ASG	PSG -> ASG	PSG -> ASG	PSG -> ASG	PSG -> ASG	PSG -> ASG	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	SOIL GAS	20090110	20090328	20090610	20090610	20090610	20090610	20090610	20090610	20090424	20090424	20090424	20090227	20090804	20090117
Study Area	[R]	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID		6113615202297	6113605004110	6113903102136	6113903102136	6113903102136	6113903102136	6113903102136	6113903102136	6111207906146	6111207906146	6111207906146	6111202808160	6111212802114	6111204608482
Likely Water Source		PUBLIC	PUBLIC	WELL	WELL	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedance of a screening level															
Volatile Organics (UG/M3)															
1,1,1,2-TETRACHLOROETHANE	3.3	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.242 J	0.18 U
1,1,1-TRICHLOROETHANE	52000	0.15 U	0.953	0.608	0.5965	0.585	0.283 J	0.2745 J	0.266 J	0.771	0.7435	0.716	0.316	9.09	0.429
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.161 J	0.0905 J	0.04 UJ	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.641	0.08 U	0.865	0.8505	0.836	0.833	0.8105	0.788	0.08 U	0.08 U	0.08 U	0.492	24.7	0.772
1,1-DICHLOROETHANE	15	0.05 U	0.05 U	0.37	0.3725	0.375	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.16 J	0.05 U
1,1-DICHLOROETHENE	2100	0.1 U	0.1 U	0.882	0.8465	0.811	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	NC	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1.62	0.435 J	0.4 U
1,2,4-TRICHLOROBENZENE	21	0.19 U	1.26	0.577 U	0.58 U	0.583 U	0.495 U	0.5165 U	0.538 U	0.19 U	0.19 U	0.19 U	1.33	0.759 U	0.19 U
1,2,3-TRICHLOROPROPANE	3.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.243	0.07 U
1,2,4-TRIMETHYLBENZENE	73	0.202	0.936	0.21	0.192 J	0.174 J	0.491	0.434	0.377	0.05 U	0.05 U	0.05 U	0.541	0.911	0.806
1,2-DIBROMOETHANE	0.041	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	**0.1095 J [R]**	**0.159 J [R]**	0.12 U	0.12 U	0.12 U	0.12 U	**0.309 [R]**	0.12 U
1,2-DICHLOROBENZENE	2100	0.1 U	0.1 U	0.198 J	0.1955 J	0.193 J	0.1 U	0.1275	0.205	0.1 U	0.1 U	0.1 U	0.178 J	0.307 U	0.1 U
1,2-DICHLOROETHANE	0.94	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.234	0.1 U
1,2-DICHLOROPROPANE	2.4	0.896	0.09 U	1.05	1.045	1.04	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.178 J	0.249	**4.12 [R]**
1,3,5-TRIMETHYLBENZENE	NC	0.05 U	0.34	0.142 J	0.135 J	0.128 J	0.22	0.201 J	0.182 J	0.05 U	0.05 U	0.05 U	0.21	0.415	0.05 U
1,3-BUTADIENE	0.81	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	NC	0.09 U	0.09 U	0.271	0.2615	0.252	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.141 J	0.294 U	0.09 U
1,4-DICHLOROBENZENE	2.2	0.09 U	0.09 U	0.25	0.2475	0.245	0.192 J	0.2 J	0.208	0.09 U	0.09 U	0.09 U	0.53	0.304 U	0.09 U
2-BUTANONE	52000	0.33 U	1.36	11.1	11.3	11.5	3.17	3.82	4.47	0.978	0.98	0.982	0.951	12.2	3.56
ACETONE	320000	7.59	13.6	57.3	59.9	62.5	14	16.05	18.1	4.32	4.315	4.31	4.67	46	46.1
ACETONITRILE	630	0.38 U	0.38 U	2.21	2.235	2.26	0.38 U	0.79	1.39	0.38 U	0.38 U	0.38 U	0.38 U	0.414 J	1.07
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	8.14	9.12	10.1	3.79	2.15	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.21	0.41 U	0.41 U	**1.01 [R]**	**0.9715 [R]**	**0.933 [R]**	**0.674 J [R]**	**0.982 J [R]**	**1.29 [R]**	0.41 U	0.41 U	0.41 U	0.41 U	**0.479 J [R]**	**2.17 [R]**
ACRYLONITRILE	0.36	0.2 U	0.2 U	**2.72 [R]**	**2.645 [R]**	**2.57 [R]**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.436 [R]**	0.2 U
BENZENE	3.1	0.342	0.511	0.76	0.7575	0.755	0.404	0.383	0.362	0.251	0.238	0.225	0.605	2.01	2.28
BROMODICHLOROMETHANE	0.66	0.15 U	0.15 U	**58.9 [R]**	**61.55 [R]**	**64.2 [R]**	0.154 J	0.16 J	0.166 J	0.15 U	0.15 U	0.15 U	0.15 U	0.28 J	0.15 U
BROMOFORM	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.384	0.11 U
BROMOMETHANE	52	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.181 J	0.07 U
CARBON DISULFIDE	7300	1.31	0.407	0.629	0.6225	0.616	0.283	0.282	0.281	0.82	0.805	0.79	0.1 U	0.514	1.26
CARBON TETRACHLORIDE	1.6	0.333	0.13 U	**25.4 [R]**	**24.8 [R]**	**24.2 [R]**	**7.88 [R]**	**7.835 [R]**	**7.79 [R]**	0.13 U	0.13 U	0.13 U	0.13 U	0.392	0.213 J
CHLOROBENZENE	520	0.04 U	0.04 U	0.216	0.221	0.226	0.128 J	0.1295 J	0.131 J	0.04 U	0.04 U	0.04 U	0.04 U	0.376	0.04 U
CHLORODIBROMOMETHANE	0.9	0.24 U	0.24 U	**2.21 [R]**	**2.205 [R]**	**2.2 [R]**	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	100000	0.11 U	0.11 U	2.71	2.76	2.81	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.141 J	0.11 U
CHLOROFORM	1.1	0.207 J	**1.23 [R]**	**6500 [R]**	**6730 [R]**	**6960 [R]**	**1.86 [R]**	**1.85 [R]**	**1.84 [R]**	**1.38 [R]**	**1.38 [R]**	**1.38 [R]**	0.11 U	**1.69 [R]**	0.292 J
CHLOROMETHANE	940	0.07 U	0.07 U	0.228	0.229	0.23	0.07 U	0.09 J	0.145 J	0.07 U	0.07 U	0.07 U	0.07 U	0.151 J	0.07 U
CIS-1,3-DICHLOROPROPENE	6.1	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.175 J	0.04 U
CYCLOHEXANE	63000	0.11 U	0.11 U	0.365	0.3805	0.396	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.245	0.311
DIBROMOMETHANE	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.314	0.15 U
DICHLORODIFLUOROMETHANE	2100	2.63	4.14	4.03	4.025	4.02	3.66	3.485	3.31	10.3	10.5	10.7	0.241 J	34.6	3.88
ETHYLBENZENE	9.7	0.121 J	1.72	0.299	0.278	0.257	2.21	2.165	2.12	0.126 J	0.0705 J	0.03 U	0.298	2.96	0.597
HEXACHLOROBUTADIENE	1.1	0.24 U	0.24 U	0.46 U	0.4665 U	0.473 U	0.482 U	0.5125 U	0.543 U	0.24 U	0.24 U	0.24 U	**1.57 [R]**	0.635 U	0.24 U
HEXANE	7300	0.17 U	0.825	0.49	0.595	0.7	0.214 J	0.2 J	0.186 J	0.527	0.4945	0.462	0.641	0.304	0.678
ISOBUTANOL	NC	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	9.17	0.46 U
ISOPROPYLBENZENE	4200	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.293	0.134 J
M+P-XYLENES	7300	0.239	2.62	0.553	0.525	0.497	1.83	1.675	1.52	0.09 U	0.09 U	0.09 U	0.855	3.23	1.53
METHYL ACETATE	NC	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	0.35	20	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.202	0.121	0.08 U	0.0813 J	0.08 U	0.188 J
METHYL TERT-BUTYL ETHER	94	0.17 U	0.17 U	2.9	2.81	2.72	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.659	0.17 U
METHYLENE CHLORIDE	52	0.507	0.08 U	8.09	8.205	8.32	0.138 J	0.089 J	0.08 U	0.08 U	0.08 U	0.08 U	0.207	1.24	0.782
O-XYLENE	7300	0.128 J	1.17	0.234	0.2205	0.207	0.741	0.717	0.693	0.06 U	0.06 U	0.06 U	0.4	1.78	0.667
PENTACHLOROETHANE	NC	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.279 J	0.25 U
STYRENE	10000	0.855	7.08	0.272	0.2015 J	0.131 J	4.48	4.56	4.64	0.07 U	0.07 U	0.07 U	0.333	4.17	0.507
TETRACHLOROETHENE	4.1	**7.83 [R]**	**179 [R]**	**102 [R]**	**104.5 [R]**	**107 [R]**	**68.8 [R]**	**70.05 [R]**	**71.3 [R]**	**7.47 [R]**	**7.57 [R]**	**7.67 [R]**	2.68 J	**1650 [R]**	**5.18 [R]**
TOLUENE	52000	3.71	6.16	1.31	1.335	1.36	1.05	1.14	1.23	0.511	0.2655	0.04 U	1.3	3.37	3.44
TRANS-1,2-DICHLOROETHENE	630	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15 J	0.11 U
TRANS-1,3-DICHLOROPROPENE	6.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.224	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.0058	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	12	0.08 U	0.08 U	1.35	1.335	1.32	0.125 J	0.0825 J	0.08 U	8.99	9.045	9.1	0.08 U	0.572	0.08 U
TRICHLOROFLUOROMETHANE	7300	2.46	143	25	24.8	24.6	13.8	13.7	13.6	163	166.5	170	1.38	120	4.14
VINYL CHLORIDE	1.6	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Soil Gas RSL

TABLE 3.6-1

STUDY AREA 06
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0814	0815	0822	0827	0831	0837	0838	0838	0838	0848	0851	1201	1363	1363
Sample ID		0814SG001	0815SG001	0822SG001	0827SG001	0831SG002	0837SG001	0838SG001	0838SG001-AVG	0838SG001-D	0848SG001	0851SG001	1201SG001	1363SG001	1363SG001-AVG
Residential / Government		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	RBL	PHASE II	PHASE II	PHASE II	PHASE II	PSG -> ASG	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	SOIL GAS	20090223	20090905	20090310	20090604	20090421	20090302	20090126	20090126	20090126	20090424	20090811	20090326	20090217	20090217
Study Area	[R]	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID		6111209002060	6111219018152	6111200102153	6111219702118	6111204602152	6111212802290	6111208902235	6111208902235	6111208902235	6111219018156	6111219018146	6114510608140	6111802504115	6111802504115
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedance of a screening level															
Volatile Organics (UG/M3)															
1,1,1,2-TETRACHLOROETHANE	3.3	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	52000	3.67	0.855	0.402	0.195 J	8.22	0.286 J	0.15 U	0.15 U	0.15 U	2.71	0.996	0.874	0.15 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.04 U	0.04 U	**0.458 [R]**	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.701	1.25	0.658	0.813	4.78	0.817	0.654	0.63	0.606	2.18	1.02	4.75	0.633	0.632
1,1-DICHLOROETHANE	15	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	2100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	NC	2.25	0.4 U	0.4 U	0.404 J	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,4-TRICHLOROBENZENE	21	1.36	1.82 U	3.17 U	2.07	0.19 U	0.64 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.27	1	0.985
1,2,3-TRICHLOROPROPANE	3.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRIMETHYLBENZENE	73	0.446	0.728	0.395 U	0.399	2.31	0.271 U	1.27 J	1.735 J	2.2 J	0.908	**115 [R]**	0.05 U	1.18 J	0.672 J
1,2-DIBROMOETHANE	0.041	0.12 U	0.12 U	0.12 U	**0.586 [R]**	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	2100	0.139 J	0.373	0.1 U	0.844	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.165 J	0.1505 J
1,2-DICHLOROETHANE	0.94	0.1 U	0.1 U	0.1 U	0.387	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	0.327	0.09 U	0.09 U	0.09 U	0.09 U	**11.4 [R]**	0.141 J	1.0255 J	1.91 J	0.09 U	0.333	0.227	0.09 U	0.105 J
1,3,5-TRIMETHYLBENZENE	NC	0.182 J	0.361 U	0.05 U	0.266	0.697	0.05 U	0.28	0.357	0.434	0.05 U	22.4	0.05 U	0.395	0.23825 J
1,3-BUTADIENE	0.81	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.526 J	0.807 J	0.49 U	0.731 J	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	NC	0.116 J	0.312	0.09 U	1.22	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.138 J	0.1285 J
1,4-DICHLOROBENZENE	2.2	0.44	0.271	0.09 U	0.716	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.453	0.4285
2-BUTANONE	52000	1.51	15.4	2.42	2.75	2.28	2.47	1.99	1.805	1.62	15.9	27.4	0.967	0.504 J	0.6585 J
ACETONE	320000	8.54	139	29.4	8.45	14.1	16.4	22.4	21.3	20.2	94.8	169	6.95	3.45	3.685
ACETONITRILE	630	0.38 U	5.11 U	0.38 U	0.802	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.643 J	1.63	0.38 U	0.38 U	0.38 U
ACETOPHENONE	NC	1.02 U	1.76 J	1.02 U	4.56	1.02 U	1.47 J	1.02 U	1.02 U	1.02 U	5.43	1.15 J	1.02 U	1.02 U	1.02 U
ACROLEIN	0.21	**1.07 [R]**	**2.08 [R]**	0.41 U	**1.53 [R]**	0.41 U	0.41 U	0.41 UJ	**1.2375 J [R]**	**2.27 J [R]**	0.41 U	**0.624 J [R]**	**1.2 [R]**	0.41 U	0.41 U
ACRYLONITRILE	0.36	0.2 U	**0.609 [R]**	0.2 U	**0.718 [R]**	0.2 U	0.2 U	0.339 J	0.2195 J	0.2 U	0.2 U	**0.391 J [R]**	0.2 U	0.2 U	0.2 U
BENZENE	3.1	0.405	**3.79 [R]**	0.554	0.209	**4.38 [R]**	0.569	1.46	1.64	1.82	**11 [R]**	**6.39 [R]**	0.304	0.233	0.211 J
BROMODICHLOROMETHANE	0.66	0.15 U	0.15 U	0.15 U	0.214 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.185 J	0.15 U	0.15 U	0.15 U
BROMOFORM	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	52	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	7300	0.149 J	1.21	0.1 U	0.411	1.12	0.182 J	0.419	0.5055	0.592	2.07	1.18	3.6	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.6	0.13 U	0.13 U	0.13 U	0.737	0.13 U	0.13 U	0.276 J	0.287 J	0.298 J	0.13 U	0.26 J	0.13 U	0.13 U	0.13 U
CHLOROBENZENE	520	0.04 U	0.216 U	0.04 U	0.632	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.261	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.9	0.24 U	0.24 U	0.24 U	0.261 J	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	100000	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	1.1	0.11 U	0.555	0.11 U	0.11 U	**4.44 [R]**	0.581	**2.3 [R]**	**2.225 [R]**	**2.15 [R]**	**2.48 [R]**	**2.19 [R]**	0.11 U	**13.4 [R]**	**13.3 [R]**
CHLOROMETHANE	940	0.07 U	0.491	0.07 U	0.223	0.07 U	0.07 U	0.723	0.7335	0.744	0.07 U	0.361	0.07 U	0.07 U	0.07 U
CIS-1,3-DICHLOROPROPENE	6.1	0.04 U	0.04 U	0.04 U	0.377	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	63000	0.11 U	0.558	0.11 U	0.16 J	0.719	1.52	0.385	0.422	0.459	0.447	2.08	0.11 U	0.11 U	0.11 U
DIBROMOMETHANE	42	0.15 U	0.15 U	0.15 U	0.382	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	78	3.95	9.39	2.76	4.94	1.62	2.33	2.3	2.27	8.87	3.38	7.59	4.09 J	3.26 J
ETHYLBENZENE	9.7	0.275	1.67	0.582	0.276	3.07	0.03 U	0.534 J	0.887 J	1.24 J	**10.4 [R]**	8.11	5.44	0.743 J	0.457 J
HEXACHLOROBUTADIENE	1.1	**1.5 [R]**	1.71 U	2.38 U	1.21 U	0.24 U	0.391 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	**1.15 [R]**	**1.31 [R]**	**1.31 [R]**
HEXANE	7300	0.672	0.79	0.525	0.17 U	1.09	0.338	1.38	1.39	1.4	0.722	1.71	0.17 U	0.17 U	0.17 U
ISOBUTANOL	NC	0.46 U	8.32	0.46 U	13.6	0.46 U	10.6 J	0.46 U	0.46 U	0.46 U	2.37	15.6	0.46 U	1.34	0.785
ISOPROPYLBENZENE	4200	0.07 U	0.177 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	4.65	0.07 U	0.07 U	0.07 U
M+P-XYLENES	7300	0.785	1.66	0.969 U	0.532	2.16	0.09 U	2.39 J	3.735 J	5.08 J	6.38	23.9	3.23	3.26 J	1.7575 J
METHYL ACETATE	NC	0.27 U	0.539	0.27 U	0.724	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.513	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	0.122 J	0.08 U	0.08 U	0.08 U	1.11	0.08 U	0.223	0.2315	0.24	3.59	9.07	0.08 U	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	94	0.17 U	1.13	0.17 U	0.573	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	2.03	0.17 U	2.07 J	1.0775 J
METHYLENE CHLORIDE	52	0.0998 J	0.979	0.08 U	0.5	0.08 U	0.08 U	0.297	0.3145	0.332	0.08 U	1.29	0.08 U	0.08 U	0.097 J
O-XYLENE	7300	0.467	0.709	0.06 U	0.23	0.06 U	0.06 U	0.882 J	1.271 J	1.66 J	3.48	12.5	0.06 U	1.38 J	0.75 J
PENTACHLOROETHANE	NC	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	10000	0.458	0.403	1.47	0.198 J	7.78	0.07 U	0.07 UJ	0.7475 J	1.46 J	29.2	0.07 U	17.6	0.473	0.3385
TETRACHLOROETHENE	4.1	**400 [R]**	**13.5 [R]**	1.76 J	1.45 U	**3230 [R]**	**959 [R]**	3.94	**4.52 [R]**	**5.1 [R]**	**69.9 [R]**	**7.7 [R]**	**12.9 [R]**	**11.7 [R]**	**11.6 [R]**
TOLUENE	52000	1.08	6.04	1.78	0.529	4.74	1.83	5.53	5.94	6.35	39.2	27.2	0.564	1.9 J	1.45 J
TRANS-1,2-DICHLOROETHENE	630	0.11 U	0.11 U	0.11 U	0.186 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	6.1	0.07 U	0.07 U	0.07 U	0.425	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.0058	0.17 U	0.17 U	0.17 U	**0.414 [R]**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	12	0.08 U	0.08 U	0.08 U	0.08 U	**57.1 [R]**	0.437	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	7300	3.43	8.25	19.1	1.55	24.3	2.66	4.45	4.22	3.99	172	14.2	144	6.92	6.85
VINYL CHLORIDE	1.6	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Soil Gas RSL

TABLE 3.6-1

STUDY AREA 06
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1363	1364	1659	1704	1866	1942	2017	2055	2055	2055	2080	2081	2082
Sample ID		1363SG001-D	1364SG001	1659SG001	1704SG001	1866SG001	1942SG001	2017SG001	2055SG001	2055SG001-AVG	2055SG001-D	2080SG001	2081SG001	2082SG001
Residential / Government	RBL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090217	20090128	20090418	20090429	20090124	20090415	20090408	20090116	20090116	20090116	20090203	20090122	20090123
Study Area		STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID		6111802504115	6112002902109	6112417206206	6111800108153	6111216600138	6112417504102	6111208402115	6111214004121	6111214004121	6111214004121	6112408104270	6112413602070	6112407402010
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedance of a screening level														
Volatile Organics (UG/M3)														
1,1,1,2-TETRACHLOROETHANE	3.3	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	52000	0.15 U	0.15 U	0.15 U	0.233 J	0.352	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.205 J	0.246 J
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.631	0.654	0.637	0.674	0.67	0.08 U	0.08 U	0.514	0.54	0.566	0.605	0.592	0.778
1,1-DICHLOROETHANE	15	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	2100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	NC	0.4 U	0.4 U	0.4 U	0.4 U	2.55	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	7.05	3.87
1,2,4-TRICHLOROBENZENE	21	0.97	0.19 U	0.19 U	0.644 U	0.19 U	1.97	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	**25.5 J**	3.29
1,2,3-TRICHLOROPROPANE	3.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRIMETHYLBENZENE	73	0.164 J	0.42	0.05 U	0.412	5.62	6.88	0.05 U	0.531	0.48	0.429	0.652	11.2	1.94
1,2-DIBROMOETHANE	0.041	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	2100	0.136 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1.44	0.1 U
1,2-DICHLOROETHANE	0.94	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	0.165 J	2.04	0.09 U	0.09 U	**3.94 [R]**	**2.84 [R]**	0.09 U	**5.67 J [R]**	**2.8575 J [R]**	0.09 UJ	0.269	0.633	0.09 U
1,3,5-TRIMETHYLBENZENE	NC	0.0815 J	0.128 J	0.05 U	0.05 U	1.48	2.35	0.05 U	0.148 J	0.1405 J	0.133 J	0.266	2.82	0.409
1,3-BUTADIENE	0.81	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.665 J	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**3.73 [R]**	0.49 U
1,3-DICHLOROBENZENE	NC	0.119 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.897	0.09 U
1,4-DICHLOROBENZENE	2.2	0.404	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
2-BUTANONE	52000	0.813	3.64	2.46	1.6	13	41.3	1.12	4.42	4.095	3.77	6.02	83	1.26
ACETONE	320000	3.92	58.2	50.5	7.91	125	3240	6.42	1.06 U	1.06 U	1.06 U	50.4	311	19
ACETONITRILE	630	0.38 U	0.38 U	0.38 U	0.38 U	3.03	2.43	0.38 U	0.38 U	0.38 U	0.38 U	0.7 J	3.39	0.38 U
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 UJ	1.02 U	1.02 U	21.9	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.21	0.41 U	0.41 U	0.41 U	**1.92 [R]**	**1.41 [R]**	**3.42 [R]**	0.41 U	0.41 U	0.41 U	0.41 U	**0.682 J [R]**	**1.85 [R]**	**1.06 [R]**
ACRYLONITRILE	0.36	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.5 [R]**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.04 [R]**	0.2 U
BENZENE	3.1	0.189 J	3.04	0.908	0.15 J	2.31	**22.4 [R]**	0.763	1.67	1.655	1.64	2.78	**56.5 [R]**	0.791
BROMODICHLOROMETHANE	0.66	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	52	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	7300	0.1 U	0.927	0.961	0.1 U	7.41	3.55	0.1 U	1.16	1.425	1.69	0.528	8.81	0.357
CARBON TETRACHLORIDE	1.6	0.13 U	0.557	0.308	0.13 U	0.526	0.45	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.277 J	0.13 U
CHLOROBENZENE	520	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.195 J	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.9	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	100000	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	1.1	**13.2 [R]**	0.11 U	0.294	0.532	0.695	0.967	**2.2 [R]**	0.11 U	0.11 U	0.11 U	0.243 J	0.707	**16.2 [R]**
CHLOROMETHANE	940	0.07 U	1.3	0.07 U	0.07 U	0.241	1.42	0.07 U	0.07 U	0.07 U	0.07 U	0.271	0.791	0.07 U
CIS-1,3-DICHLOROPROPENE	6.1	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	63000	0.11 U	18.4	0.11 U	0.11 U	2.35	1.99	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	3.43	0.11 U
DIBROMOMETHANE	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	2.43 J	2.17	4.27	1.65	2.63	22.2	3.08	15.2	15.6	16	3.64	2.74	6.55
ETHYLBENZENE	9.7	0.171 J	0.645	0.03 U	0.577	**17.7 [R]**	**13.8 [R]**	0.365	0.606	0.5895	0.573	3.07	**23.2 [R]**	0.266
HEXACHLOROBUTADIENE	1.1	**1.31 [R]**	0.24 U	0.24 U	0.24 U	0.304 J	**1.29 [R]**	0.24 U	0.24 U	0.24 U	0.24 U	0.352 J	0.87	0.46 J
HEXANE	7300	0.17 U	12.3	0.17 U	0.17 U	12	3.11	1.36	45.3	45.3	45.3	1.35	9.97	0.28 J
ISOBUTANOL	NC	0.46 U	2.66	0.46 U	0.46 U	1010	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	1.86
ISOPROPYLBENZENE	4200	0.07 U	0.07 U	0.07 U	0.07 U	1.66	1.95	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	2.86	0.07 U
M+P-XYLENES	7300	0.255 J	1.73	0.603	0.476	8.18	11.4	0.626	0.856	0.799	0.742	3.08	21.4	0.844
METHYL ACETATE	NC	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	0.08 U	1.01	0.08 U	0.08 U	6.77	0.08 U	0.08 U	0.44	0.4605	0.481	0.157 J	7.38	1.02
METHYL TERT-BUTYL ETHER	94	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U	4.23	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	52	0.154 J	0.988	0.08 U	0.121 J	1.71	0.913	0.08 U	0.782	0.782	0.782	0.288	0.08 U	0.08 U
O-XYLENE	7300	0.12 J	0.553	0.06 UJ	0.222	4.42	6.31	0.06 U	0.358	0.3475	0.337	1.44	10.6	0.384
PENTACHLOROETHANE	NC	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	10000	0.204	0.843	0.07 U	0.956	355	7.66	1.21	0.07 U	0.2685	0.502	31.4	45.5	0.07 U
TETRACHLOROETHENE	4.1	**11.5 [R]**	3.52	**33.3 [R]**	**13.5 [R]**	**4.34 [R]**	**7.33 [R]**	2.64 J	**4.89 [R]**	**4.875 [R]**	**4.86 [R]**	**16.6 [R]**	**17.3 [R]**	**27.6 [R]**
TOLUENE	52000	1 J	5.07	1.68	0.474	8.97	47.5	1.45	2.53	2.61	2.69	5.83	81	15.4
TRANS-1,2-DICHLOROETHENE	630	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	6.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.0058	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	12	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.365	0.08 U
TRICHLOROFLUOROMETHANE	7300	6.78	1.48	2.17	1.65	6.04	5.45	2.36	2.03	1.99	1.95	9.81	4.69	252
VINYL CHLORIDE	1.6	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Soil Gas RSL

TABLE 3.6-2

STUDY AREA 06
SOIL GAS - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil Gas RSL	Soil Gas RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Volatile Organics (UG/M3)								
1,1,1,2-TETRACHLOROETHANE	1/29	0	3.3	0.242 J	0.242 J	0.18 - 0.18	0.24	0.10
1,1,1-TRICHLOROETHANE	20/29	0	52000	0.195 J	9.09	0.15 - 0.15	1.58	1.11
1,1,2,2-TETRACHLOROETHANE	2/29	1	0.42	0.0905 J	0.458	0.04 - 0.04	0.27	0.04
1,1,2-TRICHLOROTRIFLUOROETHANE	25/29	0	310000	0.492	24.7	0.08 - 0.08	2.07	1.79
1,1-DICHLOROETHANE	2/29	0	15	0.16 J	0.375	0.05 - 0.05	0.27	0.04
1,1-DICHLOROETHENE	1/29	0	2100	0.811	0.882	0.1 - 0.1	0.85	0.08
1,2,3-TRICHLOROBENZENE	7/29	--	NC	0.404 J	7.05	0.4 - 0.4	2.60	0.78
1,2,3-TRICHLOROPROPANE	1/29	--	3.1	0.243	0.243	0.07 - 0.07	0.24	0.04
1,2,4-TRICHLOROBENZENE	9/29	1	21	0.97	25.5 J	0.19 - 3.17	4.34	1.53
1,2,4-TRIMETHYLBENZENE	23/29	1	73	0.164 J	115	0.05 - 0.395	6.69	5.32
1,2-DIBROMOETHANE	3/29	3	0.041	0.1095 J	0.586	0.12 - 0.12	0.33	0.09
1,2-DICHLOROBENZENE	8/29	0	2100	0.1275	1.44	0.1 - 0.307	0.43	0.16
1,2-DICHLOROETHANE	2/29	0	0.94	0.234	0.387	0.1 - 0.1	0.31	0.07
1,2-DICHLOROPROPANE	17/29	5	2.4	0.105 J	11.4	0.09 - 0.09	1.91	1.14
1,3,5-TRIMETHYLBENZENE	18/29	--	NC	0.0815 J	22.4	0.05 - 0.361	1.84	1.15
1,3-BUTADIENE	4/29	1	0.81	0.526 J	3.73	0.49 - 0.49	1.41	0.41
1,3-DICHLOROBENZENE	7/29	--	NC	0.116 J	1.22	0.09 - 0.294	0.44	0.14
2-BUTANONE	28/29	0	52000	0.504 J	83	0.33 - 0.33	9.47	9.15
ACETONE	28/29	0	320000	3.45	3240	1.06 - 1.06	164	158
ACETONITRILE	11/29	0	630	0.414 J	3.39	0.38 - 5.11	1.56	0.79
ACETOPHENONE	8/29	--	NC	1.15 J	21.9	1.02 - 1.02	5.94	2.01
ACROLEIN	16/29	16	0.21	0.479 J	3.42	0.41 - 0.41	1.42	0.87
ACRYLONITRILE	8/29	7	0.36	0.2195 J	2.72	0.2 - 0.2	0.94	0.33
BENZENE	29/29	6	3.1	0.15 J	56.5	-	4.41	4.41
BROMODICHLOROMETHANE	5/29	1	0.66	0.154 J	64.2	0.15 - 0.15	12.48	2.21
BROMOFORM	1/29	0	22	0.384	0.384	0.11 - 0.11	0.38	0.07
BROMOMETHANE	1/29	0	52	0.181 J	0.181 J	0.07 - 0.07	0.18	0.04
CARBON DISULFIDE	24/29	0	7300	0.149 J	8.81	0.1 - 0.1	1.65	1.37
CARBON TETRACHLORIDE	13/29	2	1.6	0.213 J	25.4	0.13 - 0.13	2.84	1.31
CHLOROBENZENE	6/29	0	520	0.128 J	0.632	0.04 - 0.216	0.30	0.08
CHLORODIBROMOMETHANE	2/29	1	0.9	0.261 J	2.21	0.24 - 0.24	1.23	0.20
CHLOROETHANE	2/29	0	100000	0.141 J	2.81	0.11 - 0.11	1.45	0.15
CHLOROFORM	22/29	12	1.1	0.207 J	6960	0.11 - 0.11	308	234
CHLOROMETHANE	12/29	0	940	0.09 J	1.42	0.07 - 0.07	0.53	0.24
CIS-1,3-DICHLOROPROPENE	2/29	0	6.1	0.175 J	0.377	0.04 - 0.04	0.28	0.04
CYCLOHEXANE	14/29	0	63000	0.16 J	18.4	0.11 - 0.11	2.36	1.17
DIBROMOMETHANE	2/29	0	42	0.314	0.382	0.15 - 0.15	0.35	0.09
DICHLORODIFLUOROMETHANE	29/29	0	2100	0.241 J	78	-	8.76	8.76
ETHYLBENZENE	27/29	4	9.7	0.0705 J	23.2	0.03 - 0.03	3.69	3.44
HEXACHLOROBUTADIENE	9/29	5	1.1	0.304 J	1.57	0.24 - 2.38	0.98	0.48
HEXANE	23/29	0	7300	0.186 J	45.3	0.17 - 0.17	4.20	3.35
ISOBUTANOL	10/29	--	NC	0.785	1010	0.46 - 0.46	107	37.22
ISOPROPYLBENZENE	6/29	0	4200	0.134 J	4.65	0.07 - 0.177	1.92	0.43

NC-No Criteria
J-Estimated value

TABLE 3.6-2

STUDY AREA 06
SOIL GAS - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil Gas RSL	Soil Gas RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
M+P-XYLENES	26/29	0	7300	0.239	23.9	0.09 - 0.969	4.00	3.60
METHYL CYCLOHEXANE	16/29	--	NC	0.0813 J	20	0.08 - 0.08	3.23	1.80
METHYL TERT-BUTYL ETHER	7/29	0	94	0.573	4.23	0.17 - 0.17	1.79	0.50
METHYLENE CHLORIDE	18/29	0	52	0.089 J	8.32	0.08 - 0.08	1.06	0.67
O-XYLENE	22/29	0	7300	0.12 J	12.5	0.06 - 0.06	2.22	1.69
PENTACHLOROETHANE	1/29	--	NC	0.279 J	0.279 J	0.25 - 0.25	0.28	0.13
STYRENE	24/29	0	10000	0.131 J	355	0.07 - 0.07	21.61	17.89
TETRACHLOROETHENE	28/29	24	4.1	1.76 J	3230	1.45 - 1.45	245	237
TOLUENE	29/29	0	52000	0.2655	81	0.04 - 0.04	9.69	9.69
TRANS-1,2-DICHLOROETHENE	2/29	0	630	0.15 J	0.186 J	0.11 - 0.11	0.17	0.06
TRANS-1,3-DICHLOROPROPENE	2/29	0	6.1	0.224	0.425	0.07 - 0.07	0.32	0.05
TRANS-1,4-DICHLORO-2-BUTENE	1/29	1	0.0058	0.414	0.414	0.17 - 0.17	0.41	0.10
TRICHLOROETHENE	7/29	1	12	0.0825 J	57.1	0.08 - 0.08	9.85	2.41
TRICHLOROFLUOROMETHANE	29/29	0	7300	1.38	252	-	40.14	40.14

NC-No Criteria
J-Estimated value

TABLE 3.6-3

STUDY AREA 06
PUBLIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0198	0199	0789	0801	0805	0813	0814	0827	0831	0831
Sample ID						0198TW001	0199TW001	0789TW001	0801TW001	0805TW001	0813TW001	0814TW001	0827TW001	0831TW001	0831TW002
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE I	PHASE II	PHASE II	PRE-LEASE HOME	PHASE II	PHASE II	PHASE II	PHASE I	PHASE I-RESAMPLE
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090110	20080702	20081124	20090227	20081125	20090117	20090223	20090604	20080711	20080728
Study Area						STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID						6113615202297	6113605004110	6111207906146	6111202808160	6111212802114	6111204608482	6111209002060	6111219702118	6111204602152	6111204602152
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
Dioxins/Furans (NG/L)															
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.00094 U	0.07 J	0.00049 U	0.0007 U	0.0011 U	0.00071 U	0.00074 U	0.0016 U	0.0016 U	
1,2,3,4,6,7,8-HPCDF	NC	0.052	5.2	NC	NC	0.00051 U	0.03 J	0.00039 U	0.0012 U	0.00046 U	0.00056 U	0.00091 U	0.0021 U	0.0014 U	
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00028 U	0.00086 U	0.00047 U	0.00033 J	0.00039 U	0.00042 U	0.00024 U	0.0006 U	0.000763 U	
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00033 U	0.00038 U	0.000563 U	0.00053 U	0.00032 U	0.00039 U	0.000504 U	0.00029 U	0.000272 U	
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00028 J	0.000713 U	0.000293 U	0.000301 U	0.000293 U	0.00046 J	0.00019 U	0.00031 U	0.000381 U	
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00043 U	0.00057 U	0.00049 U	0.0005 U	0.00027 U	0.00044 U	0.000432 U	0.00024 U	0.00027 U	
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00031 U	0.00055 U	0.00027 U	0.000251 U	0.000244 U	0.00046 U	0.00029 U	0.00026 U	0.00033 U	
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00028 U	0.000332 U	0.00049 U	0.00033 U	0.00032 J	0.00034 U	0.000432 U	0.00024 U	0.00025 U	
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00028 U	0.000761 U	0.00032 U	0.00033 U	0.00032 U	0.00034 U	0.000192 U	0.00034 U	0.00041 U	
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.000763 U	0.00045 J	0.000881 U	0.00093 U	**0.00093 J [R]**	0.00076 U	0.00072 U	0.00038 U	0.00025 J	
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.00023 J	0.00043 J	0.000171 U	0.0003 U	0.000244 U	0.00073 U	0.00022 U	0.00043 J	0.00019 U	
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00023 U	0.00067 U	0.000293 U	0.000301 U	0.00027 U	0.00029 U	0.00019 U	0.00031 U	0.000381 U	
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.00079 J	0.00031 J	0.000171 U	0.00028 U	0.00044 U	0.00076 U	0.0005 U	0.00026 U	0.00057 U	
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00028 J	0.00036 U	0.000293 U	0.00033 J	0.00032 U	0.00034 U	0.000192 U	0.00034 U	0.00025 U	
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.00023 J	0.00043 U	0.000171 U	0.00035 U	0.00039 U	0.00051 J	0.00017 U	0.00034 J	0.00022 J	
TEQ	NC	0.00052	0.052	0.37	NC	**0.0005749 [R]**	**0.000876 [R]**	0.000293 U	0.000333	**0.000962 [R]**	0.000097	0.000192 U	4.69E-05	0.000272	
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0055 J	0.002 J	0.000954 U	0.0013 J	0.0021 J	0.0021 J	0.0014 J	0.0012 J	0.0031 J	
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0012 J	0.05 J	0.0013 J	0.0015 J	0.000684 U	0.0014 J	0.0011 J	0.0024 J	0.0028 J	
TOTAL HXCDD	NC	NC	NC	NC	NC	0.00092 J	0.0011 J	0.001542 U	0.0013 J	0.00086 U	0.0011 U	0.0014 U	0.00077 U	0.000763 U	
TOTAL HXCDF	NC	NC	NC	NC	NC	0.000942 J	0.0027 U	0.0012 U	0.0012 U	0.001123 U	0.0013 J	0.00079 J	0.00123 U	0.0015 U	
TOTAL PECDD	NC	NC	NC	NC	NC	0.000763 U	0.00045 J	0.000881 U	0.00093 U	0.00093 J	0.00076 J	0.00072 U	0.00038 U	0.00025 J	
TOTAL PECDF	NC	NC	NC	NC	NC	0.00099 J	0.00074 J	0.000342 U	0.00058 J	0.00064 J	0.0015 U	0.00065 J	0.00065 J	0.00074 J	
TOTAL TCDD	NC	NC	NC	NC	NC	0.000763 U	0.0011 J	0.000881 U	0.00091 U	0.000952 U	0.0011 J	0.00058 U	0.00101 U	0.00074 U	
TOTAL TCDF	NC	NC	NC	NC	NC	0.00041 J	0.00069 J	0.000342 U	0.00063 J	0.00054 U	0.00081 J	0.00034 U	0.00053 U	0.000381 U	
Volatile Organics (UG/L)															
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	0.1 U	**0.38 J [R]**	0.12 U	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U	0.12 U	
BROMOFORM	80	8.5	850	7300	NC	1.82	3.74	2.46	1.6	3.04	2.63	0.06 U	1.86	0.977 J	
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	0.126 J	**0.995 [R]**	0.14 U	0.1 U	**1.29 [R]**	**1.22 [R]**	0.1 U	0.1 U	**0.169 J**	
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.1 U	0.07 U	0.07 U	0.1 U	0.07 U	0.1 U	0.1 U	0.1 U	**0.155 J [R]**	
TRANS-1,2-DICHLOROETHENE	100	110	NC	1100	130	0.11 U	0.15 U	0.15 U	0.168 J	0.15 U	0.11 U	0.11 U	0.11 U	0.15 U	
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	
Semivolatile Organics (UG/L)															
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC	1.39 U	1.33 U	1.37 U		1.5 U	1.42 U			1.49 U	
Radiological Parameters (PCI/L)															
GROSS ALPHA	15	NC	NC	NC	NC	1.4 U	1.4 U	2.4	1.55 U	1.6 U	1.4 U	2.71 U	2.92 U	1.6 U	
GROSS BETA	8	NC	NC	NC	NC	**8.4 [F]**	5.4 U	7.8	2.76	6.8	5.4 U	4.55	**8.37 [F]**	6.2 U	
RADIUM-228	NC	NC	NC	NC	NC										
Inorganics (UG/L)															
ALUMINUM	NC	37000	NC	370000	NC	8.6	4.33	2.2 U	5.83 U	2.2 U	2.2 U	4.44	2.2 U	2.2 U	
ANTIMONY	6	15	NC	150	NC	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	
ARSENIC	10	0.045	4.5	110	NC	**7.36 [R][C]**	**3.83 [R]**	**4.82 [R][C]**	**9.75 [R][C]**	**4.58 [R][C]**	**6 [R][C]**	**4.24 [R]**	**3.7 [R]**	**3.45 [R]**	
BARIUM	2000	7300	NC	73000	NC	18.4	18.2	16.7	15.6	17.2	13.8	13.5	13.2	16.5	
BERYLLIUM	4	73	NC	730	NC	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.13 U	
CADMIUM	5	18	NC	180	NC	0.0413	0.096	0.046	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0639	
CALCIUM	NC	NC	NC	NC	NC	126		145	120	135	116	116	99		
CHROMIUM	100	NC	NC	NC	NC	3.26	1.24	98.1	0.937	1.51 U	0.536	0.85 U	0.26	0.596	
COBALT	NC	11	NC	110	NC	0.0993	0.0974	1.43	0.0645	0.0561	0.0853	0.03 U	0.0455 U	0.161	
COPPER	1300	1500	NC	15000	NC	86.4	177	46.2	168	26.1 J	36.5	13.7 J	39.2	354	
IRON	NC	26000	NC	260000	NC	1030	4.7 U	460	9.63	4.7 U	137	15.3 J	4.7 U	81.1	
LEAD	15	NC	NC	NC	NC	11.5	6.24	4.13	2.79	3.3 J	3.15	0.84	0.569	5.33	
MAGNESIUM	NC	NC	NC	NC	NC	19.5		21.8	28.4	21.5	20.4	25	23.9		

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH] Exceeds the inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 3.6-3

STUDY AREA 06
PUBLIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	0198 0198TW001 RESIDENTIAL PHASE II 20090110 STUDY AREA 06 6113615202297 PUBLIC	0199 0199TW001 RESIDENTIAL PHASE I 20080702 STUDY AREA 06 6113605004110 PUBLIC	0789 0789TW001 RESIDENTIAL PHASE II 20081124 STUDY AREA 06 6111207906146 PUBLIC	0801 0801TW001 RESIDENTIAL PHASE II 20090227 STUDY AREA 06 6111202808160 PUBLIC	0805 0805TW001 RESIDENTIAL PRE-LEASE HOME 20081125 STUDY AREA 06 6111212802114 PUBLIC	0813 0813TW001 RESIDENTIAL PHASE II 20090117 STUDY AREA 06 6111204608482 PUBLIC	0814 0814TW001 RESIDENTIAL PHASE II 20090223 STUDY AREA 06 6111209002060 PUBLIC	0827 0827TW001 RESIDENTIAL PHASE II 20090604 STUDY AREA 06 6111219702118 PUBLIC	0831 0831TW001 RESIDENTIAL PHASE I 20080711 STUDY AREA 06 6111204602152 PUBLIC	0831 0831TW002 RESIDENTIAL PHASE I-RESAMPLE 20080728 STUDY AREA 06 6111204602152 PUBLIC
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
MANGANESE	NC	880	NC	8800	NC	4.9	0.159	7.16	1.68	0.1 U	3.83	6.47 J	0.1 U	18.6	
MERCURY	2	0.57	NC	5.7	0.63	0.024	0.015 U	0.047	0.026	0.015 U	0.041	0.015 U	0.03	0.015 U	
NICKEL	NC	730	NC	7300	NC	5.37	15.6	93.3	2.17	68.8 J	2.82	0.11 U	2.29	4.91	
POTASSIUM	NC	NC	NC	NC	NC	7.14		7.88	1.95	7.95	5.29	3.67	1.93		
SELENIUM	50	180	NC	1800	NC	0.341	0.34	1	0.366	0.332	0.331 U	0.246	0.256	1.02	
SODIUM	NC	NC	NC	NC	NC	22.4		28.8	6.82	26.8	17.3	11.1	7.57		
THALLIUM	2	NC	NC	NC	NC	0.119 U	0.117 U	0.511 U	0.622 U	0.145 U	0.0402 U	0.298 U	0.148	0.69 U	
TIN	NC	22000	NC	220000	NC	0.814	0.111	0.205	0.489	0.1 U	0.1 U	0.215	0.1 U	0.1 U	
URANIUM	30	1.63	163	1100	NC	**1.7**	1.38	1.35	1.25	1.46	1.36	1.32	0.956	**1.84**	
VANADIUM	NC	180	NC	2600	NC	6.2	3.47	2.96	5.47	2.94	2.73	2.45 J	1.77	1.55	
ZINC	NC	11000	NC	110000	NC	279	1400	3610	1150	120 J	336	60.6 J	69.3	4260	
Microbiological Parameters															
PLATE COUNT	500	NC	NC	NC	NC		17							**1830 [F]**	**4510 [F]**
Miscellaneous Parameters (MG/L)															
CHLORIDE	NC	NC	NC	NC	NC	49.8	39.6	51.7	14.5	45.9	36.9	16.4	37.3	45.4	
FLUORIDE	4	1.5	NC	15	NC	0.412	0.327	0.348	0.2 U	0.418	0.346	0.232	0.251	0.344	
NITRATE	44.3	58	NC	580	NC	10.9 J	9.53	9.79	3.65 J	10.9	8.55 J	5.85	7.21	9.42	
PHOSPHATE	NC	NC	NC	NC	NC	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	
SULFATE	NC	NC	NC	NC	NC	12.9	12.7	12.5	8.95	14.3	11.6	10.8	12.1	11.4	
Field Parameters															
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.14	0.14	0.1	0	0.12	0.24	0.14	0.08	0.04	0.02
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	8.48	7.96	6.5	8.99	6.53	9.3	9.76	7.27	3.46	6.13
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	556	567	479	291	559	612	574	509	347	275
PH (S.U.)	NC	NC	NC	NC	NC	7.03	6.8	7.16	7.08	7.19	7.16	7.35	7.05	7.24	6.89
SALINITY (%)	NC	NC	NC	NC	NC	0	0.1	0	0	0	0	0	0.12	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.98	0.112	1.1	0.883	0.97	0.849	0.773	0.853	1.1	1
TEMPERATURE (C)	NC	NC	NC	NC	NC	12.19	25.33	11.99	11.16	14.13	12.39	12.69	22.15	27.7	29.8
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC			0.7		0.62					
TURBIDITY (NTU)	NC	NC	NC	NC	NC	7.4	3.7	0	0	6	4.9	22.5	0	2	

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH] Exceeds the inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 3.6-3

STUDY AREA 06
PUBLIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0837	0838	0848	0851	1201	1363	1364	1364	1659	1704
Sample ID						0837TW001	0838TW001	0848TW001	0851TW001	1201TW001	1363TW001	1364TW001	1364TW002	1659TW001	1704TW001
Residential / Government	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event						PHASE II	PHASE II	PHASE II	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date						20090302	20081118	20090424	20080702	20090326	20081028	20081120	20090609	20090418	20081016
Study Area						STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID						6111212802290	6111208902235	6111219018156	6111219018146	6114510608140	6111802504115	6112002902109	6112002902109	6112417206206	6111800108153
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
Dioxins/Furans (NG/L)															
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.00094 U	0.00075 U	0.044	0.0033 U	0.00036 U	0.0031 U	0.00055 U		0.0036 U	0.0097 U
1,2,3,4,6,7,8-HPCDF	NC	0.052	5.2	NC	NC	0.00077 U	0.00075 U	0.0079 U	0.0031 U	0.00033 U	0.00082 U	0.00038 U		0.0023 U	0.0031 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00054 J	0.000314 U	0.0011 U	0.00064 U	0.00024 U	0.000652 U	0.00019 U		0.0007 U	0.000812 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00026 U	0.000362 U	0.0004 J	0.000591 U	0.00029 U	0.00051 U	0.000332 U		0.00072 J	0.000714 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00023 U	0.000193 U	0.0016 U	0.000331 U	0.000191 U	0.00056 U	0.00017 U		0.0016 U	0.00044 J
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00038 U	0.000314 U	0.00035 U	0.000473 U	0.00036 U	0.000434 U	0.000284 U		0.00041 U	0.00062 U
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000204 U	0.00017 U	0.0005 U	0.00026 U	0.00017 U	0.00046 U	0.000142 U		0.00075 U	0.00032 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00023 U	0.000314 U	0.0005 U	0.0005 U	0.00024 U	0.000434 U	0.000284 U		0.00065 U	0.00062 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00028 U	0.00022 U	0.0004 J	0.00062 J	0.00022 U	0.00063 U	0.00019 U		0.00051 U	0.00042 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.000714 U	0.00044 U	0.001123 U	0.00052 U	**0.00074 J [R]**	0.00058 U	0.000403 U		0.0013 U	0.00052 U
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.00023 U	0.00029 U	0.00095 U	0.000544 U	0.00036 U	0.00046 U	0.00012 U		0.00065 U	0.00042 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00028 U	0.000193 U	0.0003 U	0.00031 U	0.000191 U	0.000531 U	0.00017 U		0.00046 U	0.00037 U
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.00077 U	0.00056 U	0.0006 U	0.000544 U	0.000334 U	0.00046 U	0.0004 U		0.0013 U	0.00042 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00028 U	0.00012 U	0.00035 J	0.00045 U	0.00041 J	0.00027 U	0.000213 U		0.00048 J	0.000221 U
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.00023 U	0.00063 U	0.00075 U	0.0004 U	0.00029 U	0.000241 U	0.00033 U		0.0013 U	0.00057 U
TEQ	NC	0.00052	0.052	0.37	NC	5.4E-06	0.00012 U	0.000443	0.000062	**0.00115 [R]**	0.00027 U	0.000213 U		**0.000552 [R]**	0.000044
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0023 J	0.0023 J	0.0012 J	0.0018 J	0.0017 J	0.000772 U	0.0013 J		0.0013 J	0.0014 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0013 J	0.0012 J	0.012 J	0.0056 J	0.00057 J	0.001135 U	0.00052 J		0.0048 J	0.0047 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.00069 J	0.000991 U	0.0013 J	0.0016 U	0.00077 U	0.0014 U	0.000901 U		0.0018 J	0.001946 U
TOTAL HXCDF	NC	NC	NC	NC	NC	0.00092 U	0.000774 U	0.0035 J	0.0013 U	0.00077 U	0.0022 U	0.000664 U		0.0032 J	0.0015 U
TOTAL PECDD	NC	NC	NC	NC	NC	0.000714 U	0.00044 J	0.001123 U	0.00052 U	0.00074 J	0.00058 J	0.000403 U		0.0013 U	0.00052 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.00097 J	0.00073 J	0.0016 J	0.0011 U	0.00067 J	0.00092 U	0.00052 J		0.0019 J	0.00084 U
TOTAL TCDD	NC	NC	NC	NC	NC	0.000842 U	0.000362 U	0.000823 U	0.001349 U	0.000932 U	0.0008 U	0.00064 U		0.0018 J	0.00067 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.00046 U	0.00073 J	0.0011 J	0.000662 U	0.00045 J	0.000482 U	0.00047 J		0.0018 J	0.00062 J
Volatile Organics (UG/L)															
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	0.1 U	0.12 U	0.1 U	**0.422 J [R]**	**0.323 J [R]**	0.12 U	**0.787 [R]**		0.1 U	0.12 U
BROMOFORM	80	8.5	850	7300	NC	2.29	3.42	3.54	3.5	1.31	2.32	7.45		2.89	4.9
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	0.1 U	**0.259 J**	**0.39 J**	**0.973 [R]**	**0.93 [R]**	**0.26 J**	**3.66 [R]**		0.1 U	**0.392 J**
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	**0.202 J [R]**		0.09 U	0.09 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.1 U	0.07 U	0.1 U	0.07 U	0.1 U	0.07 U	**0.141 J [R]**		0.1 U	0.07 U
TRANS-1,2-DICHLOROETHENE	100	110	NC	1100	130	0.11 U	0.15 U	0.11 U	0.15 U	0.11 U	0.15 U	0.15 U		0.11 U	0.15 U
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.149 J		0.13 U	0.13 U
Semivolatile Organics (UG/L)															
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC		1.36 U		1.32 U		1.39 U	2.37 U			1.4 U
Radiological Parameters (PCI/L)															
GROSS ALPHA	15	NC	NC	NC	NC	2.04 U	1.1 U	2.82 U	4.6	2.62 U	1.4 U	5.1		1.37 U	1.4 U
GROSS BETA	8	NC	NC	NC	NC	2.36 U	**9.5 [F]**	**9.44 [F]**	**9.5 [F]**	3.98 U	7.6	**59.5 [F]**		4.36	**9.5 [F]**
RADIUM-228	NC	NC	NC	NC	NC								0.808		
Inorganics (UG/L)															
ALUMINUM	NC	37000	NC	370000	NC	4.24 U	2.2 U	3.77 U	2.2 U	4.4	19.5	3.06		2.2 U	2.2 U
ANTIMONY	6	15	NC	150	NC	0.329	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.172		0.14 U	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**8.66 [R][C]**	**4.13 [R]**	**1.21 [R]**	**4.01 [R]**	**7.33 [R][C]**	**3.95 [R]**	**7.08 [R][C]**		**2.11 [R]**	**3.24 [R]**
BARIUM	2000	7300	NC	73000	NC	16.6	16.8	8.89	17.2	18.3	17.2	4.84		15.7	16.9
BERYLLIUM	4	73	NC	730	NC	0.03 U	0.03 U	0.033 U	0.03 U	0.03 U	0.15 U	0.0363		0.03 U	0.03 U
CADMIUM	5	18	NC	180	NC	0.155	0.04 U	0.0438	0.0419	0.04 U	0.04 U	0.04 U		0.04 U	0.0809
CALCIUM	NC	NC	NC	NC	NC	133	131	63.8		131		111		141	142
CHROMIUM	100	NC	NC	NC	NC	1.03 U	1.35	0.656 U	1.4	1.5	1.99	2.34 U		0.643 U	0.524
COBALT	NC	11	NC	110	NC	0.199	0.0661	0.339	0.089	0.116	0.0985	0.119		0.0336	0.0566
COPPER	1300	1500	NC	15000	NC	198	29.7	23.9	345	108	28.3	608		87.3	96.4
IRON	NC	26000	NC	260000	NC	7.76	20.7	5420	4.7 U	12.8	372	139		13.2	212
LEAD	15	NC	NC	NC	NC	9.03	1.55	**35.1 [F]**	3.16	1.05	3.9	3		2.26	4.3
MAGNESIUM	NC	NC	NC	NC	NC	21.3	20.8	21.3		30.5		24		22.1	22.1

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH] Exceeds the inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 3.6-3

STUDY AREA 06
PUBLIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0837	0838	0848	0851	1201	1363	1364	1364	1659	1704
Sample ID						0837TW001	0838TW001	0848TW001	0851TW001	1201TW001	1363TW001	1364TW001	1364TW002	1659TW001	1704TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only										
Event						PHASE II	PHASE II	PHASE II	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090302	20081118	20090424	20080702	20090326	20081028	20081120	20090609	20090418	20081016
Study Area						STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID						6111212802290	6111208902235	6111219018156	6111219018146	6114510608140	6111802504115	6112002902109	6112002902109	6112417206206	6111800108153
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
MANGANESE	NC	880	NC	8800	NC	0.727	0.812	46.4	0.263	0.509	4.23	1.77		0.681	2.35
MERCURY	2	0.57	NC	5.7	0.63	0.043	0.017	0.017	0.015	0.029	0.046	0.019		0.102	0.025
NICKEL	NC	730	NC	7300	NC	48.6	0.474	25.6	2.27	1.98	2.81	0.707		1.35	9.93
POTASSIUM	NC	NC	NC	NC	NC	6.85	7.54	7.06		2.99		46		7.13	7.59
SELENIUM	50	180	NC	1800	NC	0.408	0.413	0.229	0.303	0.2 U	0.283	0.697		0.25	0.466
SODIUM	NC	NC	NC	NC	NC	22.8	26.6	25.6		7.98		84		25.1	29.3
THALLIUM	2	NC	NC	NC	NC	0.173 U	0.107 U	0.04 U	0.0982 U	0.04 U	0.248 U	0.0671 U		0.248 U	0.628 U
TIN	NC	22000	NC	220000	NC	0.271	0.1 U	6.37	0.1 U	0.858	0.557	0.1 U		0.226	0.116
URANIUM	30	1.63	163	1100	NC	1.46	1.59	0.1 U	1.44	0.979	1.53	**12.6**		1.08	**1.69**
VANADIUM	NC	180	NC	2600	NC	2.37 U	4.2	2.12	2.9	1 U	4.22	11.2		1.94	3.19
ZINC	NC	11000	NC	110000	NC	2530	3890	3240	273	49.1	386	311		798	1040
Microbiological Parameters															
PLATE COUNT	500	NC	NC	NC	NC				2						
Miscellaneous Parameters (MG/L)															
CHLORIDE	NC	NC	NC	NC	NC	27.6	49.9	58.6	42.1	14	44.9	83.7		51.8	47.9
FLUORIDE	4	1.5	NC	15	NC	0.325	0.432	0.349	0.31	0.2 U	0.353	1.41		0.344	0.354
NITRATE	44.3	58	NC	580	NC	7.5 J	11	10.4 J	10.6	3.59	10.4	**108 [F]**		10.1 J	10.4
PHOSPHATE	NC	NC	NC	NC	NC	0.4 UJ	0.4 U	1.91 J	0.4 U	0.4 U	0.4 U	0.4 U		0.4 UR	0.4 U
SULFATE	NC	NC	NC	NC	NC	11.9	14.3	12.5	12.5	9.03	13.3	117		11.5	12.9
Field Parameters															
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.16	0.04	0.16	0.14	0.18	0.1	1	0.2	0.12	0.06
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	6.07	8.66	7.66	7.62	594	9	8.24	7.02	6.08	7.75
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	558	337	521	571	9.34	542	674	243	494	556
PH (S.U.)	NC	NC	NC	NC	NC	7.11	7.14	7.03	7.07	7.07	7.21	7.08	6.94	6.93	7.22
SALINITY (%)	NC	NC	NC	NC	NC	0	0	0	0.1	0	0	0.1	0.03	0.03	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.9	0.98	1.02	0.138	0.896	0.99	1.33	0.949	0.984	1
TEMPERATURE (C)	NC	NC	NC	NC	NC	14.32	15.6	16.28	26.07	14.12	18.08	17.25	30.6	19	19.21
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC		0					0.8			0.68
TURBIDITY (NTU)	NC	NC	NC	NC	NC	4	0	3.7	9.4	1.2	3.5	0	0	0	0

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH] Exceeds the inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 3.6-3

STUDY AREA 06
PUBLIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1866	1942	2017	2055	2080	2081	2082
Sample ID						1866TW001	1942TW001	2017TW001	2055TW001	2080TW001	2081TW001	2082TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		
	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only							
Event						PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20081025	20090109	20090408	20090116	20090203	20090122	20090123
Study Area						STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID						6111216600138	6112417504102	6111208402115	6111214004121	6112408104270	6112413602070	6112407402010
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level												
Blank Cells indicate that parameter was not analyzed.												
Dioxins/Furans (NG/L)												
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.0026 U	0.001606 U	0.000803 U	0.00065 U	0.00098 U	0.0026 U	0.0012 U
1,2,3,4,6,7,8-HPCDF	NC	0.052	5.2	NC	NC	0.001 U	0.00057 U	0.00045 U	0.00089 U	0.00075 U	0.001 U	0.00074 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00062 J	0.00054 J	0.000451 U	0.00046 U	0.00025 J	0.00057 U	0.000523 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00065 U	0.0003 J	0.00043 U	0.000312 J	0.00013 U	0.00026 U	0.000404 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00069 U	0.000321 J	0.000451 U	0.000264 U	0.0002 U	0.00026 U	0.000214 U
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00055 U	0.00032 U	0.000351 U	0.00031 U	0.00018 U	0.00033 J	0.00036 U
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00055 U	0.00037 U	0.00038 U	0.00024 U	0.00035 U	0.00024 J	0.00017 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00055 U	0.00067 U	0.00038 U	0.00058 U	0.00013 U	0.00028 J	0.00036 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00072 U	0.00037 U	0.000501 U	0.000312 U	0.00023 U	0.00031 U	0.00024 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	**0.00069 J [R]**	0.00084 U	0.000501 U	0.001 U	0.0002 U	0.000732 U	0.00067 U
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.000521 U	0.000543 U	0.00033 U	0.00031 J	0.00038 U	0.00033 U	0.00019 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00062 U	0.000321 U	0.0005 J	0.000264 U	0.0002 U	0.00026 U	0.000214 U
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.00069 U	0.00057 U	0.00088 U	0.0005 J	0.00065 U	0.00085 U	0.00052 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.0003 U	0.00025 U	0.00043 U	0.00034 U	0.00023 U	0.00047 J	0.000214 U
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.00032 U	0.00025 J	0.0003 U	0.00024 U	0.00013 U	0.0008 U	0.00029 U
TEQ	NC	0.00052	0.052	0.37	NC	**0.000696 [R]**	9.25E-05	0.00005	0.000191	2.5E-06	**0.000555 [R]**	0.000214 U
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0024 J	0.0038 J	0.002 J	0.003 J	0.0021 J	0.0018 J	0.0016 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0017 J	0.0016 J	0.000803 U	0.0013 J	0.001 J	0.0015 J	0.000903 U
TOTAL HXCDD	NC	NC	NC	NC	NC	0.001737 U	0.0013 J	0.0012 U	0.0012 J	0.00038 U	0.00069 U	0.001117 U
TOTAL HXCDF	NC	NC	NC	NC	NC	0.002531 U	0.0013 U	0.0018 U	0.0011 U	0.000802 U	0.00104 U	0.000832 U
TOTAL PECDD	NC	NC	NC	NC	NC	0.00069 J	0.00084 U	0.000501 U	0.001 J	0.0002 U	0.000732 U	0.00067 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.0011 U	0.001112 U	0.00095 J	0.00082 J	0.001 J	0.0012 J	0.00062 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.000893 U	0.000741 U	0.001129 U	0.001008 U	0.00068 J	0.00078 U	0.000642 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.0004 J	0.0004 U	0.000552 U	0.0005 J	0.00025 U	0.0009 J	0.0004 J
Volatile Organics (UG/L)												
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	0.12 U	0.1 U	0.1 U	0.109 J	0.1 U	0.1 U	0.1 U
BROMOFORM	80	8.5	850	7300	NC	1.29	2.54	1.56	1.84 U	1.58	2.3	1.95
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	0.14 U	0.1 U	**0.486 J**	0.331 U	**0.267 J**	**0.509**	**0.649**
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.07 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	100	110	NC	1100	130	0.15 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Semivolatile Organics (UG/L)												
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC	1.47 J	1.41 U		1.45 U		1.32 U	1.33 U
Radiological Parameters (PCI/L)												
GROSS ALPHA	15	NC	NC	NC	NC	1.6 U	1.6 U	1.18 U	1.4	1.6 U	1.1 U	1.9 U
GROSS BETA	8	NC	NC	NC	NC	**10 [F]**	**9.7 [F]**	4.98	**11.9 [F]**	5.9 U	5.7	6.2 U
RADIUM-228	NC	NC	NC	NC	NC							
Inorganics (UG/L)												
ALUMINUM	NC	37000	NC	370000	NC	2.2 U	40.5	2.2 U	6.33	2.62	3.35	2.64
ANTIMONY	6	15	NC	150	NC	0.153	0.14 U	0.173	0.14 U	1.24	0.48	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**2.42 [R]**	**5.79 [R][C]**	**7.82 [R][C]**	**3.79 [R]**	**3.12 [R]**	**6.85 [R][C]**	**7.37 [R][C]**
BARIUM	2000	7300	NC	73000	NC	25	16.8	0.416	9.7	18.2	16.8	18.2
BERYLLIUM	4	73	NC	730	NC	0.03 U	0.03 U	0.616	0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	5	18	NC	180	NC	0.476	0.0495	0.115	0.0532	0.357	0.04 U	0.04 U
CALCIUM	NC	NC	NC	NC	NC	138	128	195	122	123	125	143
CHROMIUM	100	NC	NC	NC	NC	0.15 U	0.949 U	3.59	0.685	0.15 U	0.312	0.331
COBALT	NC	11	NC	110	NC	0.0499	0.101	0.534 U	0.085	3.6	0.0786	0.113
COPPER	1300	1500	NC	15000	NC	11.1	73.3	124	82.9	597	48.4	32.9
IRON	NC	26000	NC	260000	NC	24.1	569	1680	18	5.58	30.2	102
LEAD	15	NC	NC	NC	NC	**49.3 [F]**	6.78	**22.9 [F]**	1.85	6.84	3.02	4.96
MAGNESIUM	NC	NC	NC	NC	NC	21.4	23	27.1	19	21.3	21.8	23.6

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH] Exceeds the inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 3.6-3

STUDY AREA 06
PUBLIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1866	1942	2017	2055	2080	2081	2082
Sample ID						1866TW001	1942TW001	2017TW001	2055TW001	2080TW001	2081TW001	2082TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		
	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only							
Event						PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20081025	20090109	20090408	20090116	20090203	20090122	20090123
Study Area						STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID						6111216600138	6112417504102	6111208402115	6111214004121	6112408104270	6112413602070	6112407402010
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level												
Blank Cells indicate that parameter was not analyzed.												
MANGANESE	NC	880	NC	8800	NC	2.56	2.51	49.9	8.24	1.51	0.58	0.981
MERCURY	2	0.57	NC	5.7	0.63	0.015 U	0.021	0.112	0.015 U	0.027	0.04	0.049
NICKEL	NC	730	NC	7300	NC	4.44	20.2	57.8	6.89	477	1.54	5.31
POTASSIUM	NC	NC	NC	NC	NC	7.57	5.97	43.8	7.19	8.19	6.52	8.55
SELENIUM	50	180	NC	1800	NC	0.232	0.396	1.15	0.2 U	0.365	0.264 U	0.326 U
SODIUM	NC	NC	NC	NC	NC	26	20.2	70.5	22.1	24.5	20.5	26.9
THALLIUM	2	NC	NC	NC	NC	0.101 U	0.139 U	0.371 U	0.179 U	0.04 U	0.04 U	0.04 U
TIN	NC	22000	NC	220000	NC	0.1 U	0.357	0.1 U	0.176	0.104	0.1 U	0.347 U
URANIUM	30	1.63	163	1100	NC	**1.72**	1.56	**14.8**	0.483	1.61	1.33	1.48
VANADIUM	NC	180	NC	2600	NC	2.54	4.61	9.23	1.1	2.82	3.64	4.01
ZINC	NC	11000	NC	110000	NC	291	414	1430	180	8650	92.1	1050
Microbiological Parameters												
PLATE COUNT	500	NC	NC	NC	NC							
Miscellaneous Parameters (MG/L)												
CHLORIDE	NC	NC	NC	NC	NC	47.6	36.3	81.3	52.2	33.3	42.2	25.7
FLUORIDE	4	1.5	NC	15	NC	0.414	0.343	**1.54**	0.415 J	0.34	0.364	0.29
NITRATE	44.3	58	NC	580	NC	10.8 J	8.89 J	**180 J [F]**	11 J	8.69	9.99	6.75 J
PHOSPHATE	NC	NC	NC	NC	NC	0.4 UJ	0.4 UJ	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ
SULFATE	NC	NC	NC	NC	NC	14.1	11.6	253	12.8	12.2	12.2	11.1
Field Parameters												
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.08	0.1	0.14	0.16	0.16	0.14	0.16
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	8.02	8.65	5.67	8.77	7.95	6.63	8.75
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	589	548	5.54	579	688	590	607
PH (S.U.)	NC	NC	NC	NC	NC	7.06	7.17	6.97	7.14	7.14	7.05	7.13
SALINITY (%)	NC	NC	NC	NC	NC	0	0	0.02	0	0	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.97	0.925	0.777	1	0.876	0.83	0.92
TEMPERATURE (C)	NC	NC	NC	NC	NC	18.27	13.4	18.83	12.24	13.07	12.81	12.67
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC							
TURBIDITY (NTU)	NC	NC	NC	NC	NC	0	4.4	0	6.9	0	16	0.4

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH] Exceeds the inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 3.6-4

STUDY AREA 06
PUBLIC SUPPLIED TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)																
1,2,3,4,6,7,8,9-OCDF	2/25	--	NC	0	1.7	0	170	--	NC	--	NC	0.044	0.07 J	0.00036 - 0.0097	0.057	0.005
1,2,3,4,6,7,8-HPCDF	1/25	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.03 J	0.03 J	0.00033 - 0.0079	0.030	0.002
1,2,3,4,7,8,9-HPCDF	5/25	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.00025 J	0.00062 J	0.00019 - 0.0011	0.00046	0.00030
1,2,3,4,7,8-HXCDD	4/25	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.0003 J	0.00072 J	0.00013 - 0.000714	0.00043	0.00024
1,2,3,4,7,8-HXCDF	4/25	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00028 J	0.00046 J	0.00017 - 0.0016	0.00038	0.00025
1,2,3,6,7,8-HXCDD	1/25	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00033 J	0.00033 J	0.00018 - 0.00062	0.00033	0.00020
1,2,3,6,7,8-HXCDF	1/25	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00024 J	0.00024 J	0.000142 - 0.00075	0.00024	0.00017
1,2,3,7,8,9-HXCDD	2/25	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00028 J	0.00032 J	0.00013 - 0.00067	0.00030	0.00021
1,2,3,7,8,9-HXCDF	2/25	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.0004 J	0.00062 J	0.00019 - 0.000761	0.00051	0.00021
1,2,3,7,8-PECDD	5/25	--	NC	3	0.00052	0	0.052	--	NC	--	NC	0.00025 J	0.00093 J	0.0002 - 0.0013	0.00061	0.00040
1,2,3,7,8-PECDF	4/25	--	NC	0	0.017	0	1.7	--	NC	--	NC	0.00023 J	0.00043 J	0.00012 - 0.00095	0.00035	0.00022
1,2,3,7,8-PECDF	4/25	--	NC	0	0.017	0	1.7	--	NC	--	NC	0.00023 J	0.00043 J	0.00012 - 0.00095	0.00035	0.00022
2,3,4,6,7,8-HXCDF	1/25	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.0005 J	0.0005 J	0.00017 - 0.00067	0.00050	0.00017
2,3,4,7,8-PECDF	3/25	--	NC	0	0.0017	0	0.17	--	NC	--	NC	0.00031 J	0.00079 J	0.000171 - 0.0013	0.00053	0.00031
2,3,7,8-TCDD	6/25	0	0.03	0	0.00052	0	0.052	0	0.37	--	NC	0.00028 J	0.00048 J	0.00012 - 0.00045	0.00039	0.00020
2,3,7,8-TCDF	5/25	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00022 J	0.00051 J	0.00013 - 0.0013	0.00031	0.00023
TEQ	19/25	--	NC	7	0.00052	0	0.052	0	0.37	--	NC	0.0000025	0.00115	0.00012 - 0.000293	0.00037	0.00031
TOTAL HPCDD	23/25	--	NC	--	NC	--	NC	--	NC	--	NC	0.0012 J	0.0055 J	0.000772 - 0.000954	0.00212	0.00198
TOTAL HPCDF	21/25	--	NC	--	NC	--	NC	--	NC	--	NC	0.00052 J	0.05 J	0.000684 - 0.001135	0.00474	0.00405
TOTAL HXCDD	8/25	--	NC	--	NC	--	NC	--	NC	--	NC	0.00069 J	0.0018 J	0.00038 - 0.001946	0.00120	0.00077
TOTAL HXCDF	5/25	--	NC	--	NC	--	NC	--	NC	--	NC	0.00079 J	0.0035 J	0.000664 - 0.0027	0.00195	0.00092
TOTAL PECDD	9/25	--	NC	--	NC	--	NC	--	NC	--	NC	0.00025 J	0.001 J	0.0002 - 0.0013	0.00065	0.00046
TOTAL PECDF	18/25	--	NC	--	NC	--	NC	--	NC	--	NC	0.00052 J	0.0019 J	0.000342 - 0.0015	0.00089	0.00078
TOTAL TCDD	4/25	--	NC	--	NC	--	NC	--	NC	--	NC	0.00068 J	0.0018 J	0.000362 - 0.001349	0.00117	0.00054
TOTAL TCDF	14/25	--	NC	--	NC	--	NC	--	NC	--	NC	0.0004 J	0.0018 J	0.00025 - 0.000662	0.00071	0.00050
Field Parameters																
CHLORINE (MG/L)	26/26	0	4	0	3.7	--	NC	0	37	--	NC	0	1	-	0.16	0.16
DISSOLVED OXYGEN (MG/L)	26/26	--	NC	--	NC	--	NC	--	NC	--	NC	5.67	594	-	30.29	30.29
OXIDATION REDUCTION POTENTIAL (MV)	26/26	--	NC	--	NC	--	NC	--	NC	--	NC	5.54	688	-	482	482
PH (S.U.)	26/26	--	NC	--	NC	--	NC	--	NC	--	NC	6.8	7.35	-	7.08	7.08
SALINITY (%)	26/26	--	NC	--	NC	--	NC	--	NC	--	NC	0	0.12	-	0.02	0.02
SPECIFIC CONDUCTANCE (MS/CM)	26/26	--	NC	--	NC	--	NC	--	NC	--	NC	0.112	1.33	-	0.88	0.88
TEMPERATURE (C)	26/26	--	NC	--	NC	--	NC	--	NC	--	NC	11.16	30.6	-	17.06	17.06
TOTAL DISSOLVED SOLIDS	5/5	--	NC	--	NC	--	NC	--	NC	--	NC	0	0.8	-	0.56	0.56
TURBIDITY (NTU)	26/26	--	NC	--	NC	--	NC	--	NC	--	NC	0	22.5	-	3.69	3.69
Inorganics (UG/L)																
ALUMINUM	11/25	--	NC	0	37000	--	NC	0	370000	--	NC	2.62	40.5	2.2 - 5.83	9.07	4.75
ANTIMONY	6/25	0	6	0	15	--	NC	0	150	--	NC	0.153	1.24	0.14 - 0.14	0.42	0.16
ARSENIC	25/25	0	10	25	0.045	12	4.5	0	110	--	NC	1.21	9.75	-	5.06	5.06
BARIUM	25/25	0	2000	0	7300	--	NC	0	73000	--	NC	0.416	25	-	15.23	15.23
BERYLLIUM	2/25	0	4	0	73	--	NC	0	730	--	NC	0.0363	0.616	0.03 - 0.15	0.33	0.04
CADMIUM	13/25	0	5	0	18	--	NC	0	180	--	NC	0.0413	0.476	0.04 - 0.04	0.12	0.07
CALCIUM	21/21	--	NC	--	NC	--	NC	--	NC	--	NC	63.8	195	-	127.80	127.80
CHROMIUM	16/25	0	100	--	NC	--	NC	--	NC	--	NC	0.26	98.1	0.15 - 2.34	7.29	4.83
COBALT	22/25	--	NC	0	11	--	NC	0	110	--	NC	0.0336	3.6	0.03 - 0.534	0.32	0.30
COPPER	25/25	0	1300	0	1500	--	NC	0	15000	--	NC	11.1	608	-	138	138
IRON	21/25	--	NC	0	26000	--	NC	0	260000	--	NC	5.58	5420	4.7 - 4.7	493	415
LEAD	25/25	3	15	--	NC	--	NC	--	NC	--	NC	0.569	49.3	-	7.87	7.87
MAGNESIUM	21/21	--	NC	--	NC	--	NC	--	NC	--	NC	19	30.5	-	22.85	22.85
MANGANESE	23/25	--	NC	0	880	--	NC	0	8800	--	NC	0.159	49.9	0.1 - 0.1	7.25	6.68
MERCURY	19/25	0	2	0	0.57	--	NC	0	5.7	0	0.63	0.015	0.112	0.015 - 0.015	0.04	0.03
NICKEL	24/25	--	NC	0	730	--	NC	0	7300	--	NC	0.474	477	0.11 - 0.11	35.92	34.49
POTASSIUM	21/21	--	NC	--	NC	--	NC	--	NC	--	NC	1.93	46	-	9.94	9.94
SELENIUM	20/25	0	50	0	180	--	NC	0	1800	--	NC	0.229	1.15	0.2 - 0.331	0.45	0.39
SODIUM	21/21	--	NC	--	NC	--	NC	--	NC	--	NC	6.82	84	-	26.33	26.33
THALLIUM	1/25	0	2	--	NC	--	NC	--	NC	--	NC	0.148	0.148	0.04 - 0.69	0.15	0.11
TIN	14/25	--	NC	0	22000	--	NC	0	220000	--	NC	0.104	6.37	0.1 - 0.347	0.78	0.46
URANIUM	24/25	0	30	6	1.63	0	163	0	1100	--	NC	0.483	14.8	0.1 - 0.1	2.42	2.32
VANADIUM	23/25	--	NC	0	180	--	NC	0	2600	--	NC	1.1	11.2	1 - 2.37	3.79	3.56
ZINC	25/25	--	NC	0	11000	--	NC	0	110000	--	NC	49.1	8650	-	1436	1436
Microbiological Parameters																
PLATE COUNT (CFU/1)	3/3	1	500	--	NC	--	NC	--	NC	--	NC	2	4510	-	1510	1510
Miscellaneous Parameters (MG/L)																
CHLORIDE	25/25	--	NC	--	NC	--	NC	--	NC	--	NC	14	83.7	-	43.06	43.06

NC-No Criteria
J-Estimated value

TABLE 3.6-4

STUDY AREA 06
PUBLIC SUPPLIED TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
FLUORIDE	23/25	0	4	1	1.5	--	NC	--	15	--	NC	0.232	1.54	0.2 - 0.2	0.45	0.42
NITRATE	25/25	2	44.3	0	58	--	NC	0	580	--	NC	3.59	180 J	-	19.76	19.76
PHOSPHATE	1/24	--	NC	--	NC	--	NC	--	NC	--	NC	1.91 J	1.91 J	0.4 - 0.4	1.91	0.27
SULFATE	25/25	--	NC	--	NC	--	NC	--	NC	--	NC	8.95	253	-	25.97	25.97
Semivolatile Organics (UG/L)																
BIS(2-ETHYLHEXYL)PHTHALATE	1/16	0	6	0	4.8	0	480	0	7300	--	NC	1.47 J	1.47 J	1.32 - 2.37	1.47	0.77
Volatile Organics (UG/L)																
BROMODICHLOROMETHANE	5/25	0	80	4	0.12	0	12	0	7300	--	NC	0.109 J	0.787	0.1 - 0.12	0.40	0.12
BROMOFORM	23/25	0	80	0	8.5	0	850	0	7300	--	NC	0.977 J	7.45	0.06 - 1.84	2.65	2.48
CHLORODIBROMOMETHANE	16/25	0	80	15	0.15	0	15	0	7300	--	NC	0.126 J	3.66	0.1 - 0.331	0.79	0.53
CHLOROFORM	1/25	0	80	1	0.19	0	19	0	1300	0	0.21	0.202 J	0.202 J	0.09 - 0.09	0.20	0.05
TETRACHLOROETHENE	2/25	0	5	2	0.11	0	11	0	2200	0	0.82	0.141 J	0.155 J	0.07 - 0.1	0.15	0.05
TRANS-1,2-DICHLOROETHENE	1/25	0	100	0	110	--	NC	0	1100	0	130	0.168 J	0.168 J	0.11 - 0.15	0.17	0.07
TRICHLOROETHENE	1/25	0	5	0	2	0	200	--	NC	0	2.4	0.149 J	0.149 J	0.13 - 0.13	0.15	0.07
Radiological Parameters (PCI/L)																
GROSS ALPHA	4/25	0	15	--	NC	--	NC	--	NC	--	NC	1.4	5.1	1.1 - 2.92	3.38	1.27
GROSS BETA	18/25	10	8	--	NC	--	NC	--	NC	--	NC	2.76	59.5	2.36 - 6.2	10.58	8.32
RADIUM-228	1/1	--	NC	--	NC	--	NC	--	NC	--	NC	0.808	0.808	-	0.81	0.81

NC-No Criteria
J-Estimated value

TABLE 3.6-5

STUDY AREA 06
WELL SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0548	0548	0548	0548
Sample ID						0548TW001	0548PW001	0548TW002	0548TW003
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE I	PHASE I	PHASE I-RESAMPLE	PHASE I-RESAMPLE
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20080703	20080724	20080724	20080908
Study Area						STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID						6113903102136	6113903102136	6113903102136	6113903102136
Likely Water Source						WELL	WELL	WELL	WELL
Shaded cell indicates exceedances of screening level									
Blank Cells indicate that parameter was not analyzed.									
Dioxins/Furans (NG/L)									
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00052 J	0.00047 U		
1,2,3,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00024 J	0.00022 U		
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00024 J	0.00022 U		
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.00031 J	0.0004 U		
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00026 J	0.00035 U		
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.00073 J	0.00094 U		
TEQ	NC	0.00052	0.052	0.37	NC	0.000354	0.00025 U		
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0027 J	0.0043 J		
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0049 J	0.0065 J		
TOTAL HXCDD	NC	NC	NC	NC	NC	0.00073 J	0.00072 J		
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0018 J	0.002 J		
TOTAL PECDD	NC	NC	NC	NC	NC	0.00043 U	0.000322 J		
TOTAL PECDF	NC	NC	NC	NC	NC	0.001 J	0.0013 J		
TOTAL TCDD	NC	NC	NC	NC	NC	0.00073 J	0.00079 J		
TOTAL TCDF	NC	NC	NC	NC	NC	0.0015 J	0.00094 J		
Volatile Organics (UG/L)									
BROMOFORM	80	8.5	850	7300	NC	0.06 U	0.577 J		
CARBON TETRACHLORIDE	5	0.2	20	240	0.32	**2.56 [R][INH]**	**1.05 [R][INH]**		
CHLOROFORM	80	0.19	19	1300	0.21	**1.19 [R][INH]**	**0.753 [R][INH]**		
TETRACHLOROETHENE	5	0.11	11	2200	0.82	**0.413 J [R]**	0.07 U		
TRICHLOROETHENE	5	2	200	NC	2.4	0.589 J	0.365 J		
Radiological Parameters (PCI/L)									
GROSS ALPHA	15	NC	NC	NC	NC	8.9	5.9		
GROSS BETA	8	NC	NC	NC	NC	**47.8 [F]**	**38.4 [F]**		
Inorganics (UG/L)									
ALUMINUM	NC	37000	NC	370000	NC	2.98	2.2 U		
ANTIMONY	6	15	NC	150	NC	0.151	0.15		
ARSENIC	10	0.045	4.5	110	NC	**5.23 [R][C]**	**5.14 [R][C]**		
BARIUM	2000	7300	NC	73000	NC	7.92	4.62		
BERYLLIUM	4	73	NC	730	NC	0.134	0.19		
CADMIUM	5	18	NC	180	NC	0.0469	0.04 U		
CHROMIUM	100	NC	NC	NC	NC	0.341	0.582		
COBALT	NC	11	NC	110	NC	0.152	0.0734		

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.6-5

STUDY AREA 06
WELL SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0548	0548	0548	0548
Sample ID						0548TW001	0548PW001	0548TW002	0548TW003
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE I	PHASE I	PHASE I-RESAMPLE	PHASE I-RESAMPLE
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20080703	20080724	20080724	20080908
Study Area						STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID						6113903102136	6113903102136	6113903102136	6113903102136
Likely Water Source						WELL	WELL	WELL	WELL
Shaded cell indicates exceedances of screening level									
Blank Cells indicate that parameter was not analyzed.									
COPPER	1300	1500	NC	15000	NC	311	9.9		
IRON	NC	26000	NC	260000	NC	105	11		
LEAD	15	NC	NC	NC	NC	4.94	2.01		
MANGANESE	NC	880	NC	8800	NC	1.96	1.13		
NICKEL	NC	730	NC	7300	NC	19.8	3.05		
SELENIUM	50	180	NC	1800	NC	0.476	0.477		
URANIUM	30	1.63	163	1100	NC	**11.3**	**14.3**		
VANADIUM	NC	180	NC	2600	NC	10.4	11.7		
ZINC	NC	11000	NC	110000	NC	2410	1170		
Microbiological Parameters									
PLATE COUNT	500	NC	NC	NC	NC	35	146	53	0
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	**2 [F]**	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)									
CHLORIDE	NC	NC	NC	NC	NC	44	45.9		
FLUORIDE	4	1.5	NC	15	NC	1.26	0.937		
NITRATE	44.3	58	NC	580	NC	**90 [F]**	**75.4 [F]**		
SULFATE	NC	NC	NC	NC	NC	51.4	45.6		
Field Parameters									
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.02	0	0.02	0.04
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	5.76	7.95	6.54	5.74
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	223	325	358	314
PH (S.U.)	NC	NC	NC	NC	NC	7.18	7.38	6.91	7.05
SALINITY (%)	NC	NC	NC	NC	NC	0	0	0.1	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	5.76	1.08	1.13	1.1
TEMPERATURE (C)	NC	NC	NC	NC	NC	24.96	23.8	23.31	28.64
TURBIDITY (NTU)	NC	NC	NC	NC	NC	22.3			

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.6-6

STUDY AREA 06
WELL SUPPLIED TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)																
1,2,3,4,7,8-HXCDF	1/2	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00052 J	0.00052 J	0.00047 - 0.00047	0.0005	0.0004
1,2,3,6,7,8-HXCDF	1/2	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00024 J	0.00024 J	0.00022 - 0.00022	0.0002	0.0002
1,2,3,7,8,9-HXCDD	1/2	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00024 J	0.00024 J	0.00022 - 0.00022	0.0002	0.0002
1,2,3,7,8-PECDF	1/2	--	NC	0	0.017	0	1.7	--	NC	--	NC	0.00031 J	0.00031 J	0.0004 - 0.0004	0.0003	0.0003
2,3,4,6,7,8-HXCDF	1/2	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00026 J	0.00026 J	0.00035 - 0.00035	0.0003	0.0002
2,3,4,7,8-PECDF	1/2	--	NC	0	0.0017	0	0.17	--	NC	--	NC	0.00073 J	0.00073 J	0.00094 - 0.00094	0.0007	0.0006
TEQ	1/2	--	NC	0	0.00052	0	0.052	0	0.37	--	NC	0.000354	0.000354	0.00025 - 0.00025	0.0004	0.0002
TOTAL HPCDD	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	0.0027 J	0.0043 J	-	0.0035	0.0035
TOTAL HPCDF	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	0.0049 J	0.0065 J	-	0.0057	0.0057
TOTAL HXCDD	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	0.00072 J	0.00073 J	-	0.0007	0.0007
TOTAL HXCDF	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	0.0018 J	0.002 J	-	0.0019	0.0019
TOTAL PECDD	1/2	--	NC	--	NC	--	NC	--	NC	--	NC	0.000322 J	0.000322 J	0.00043 - 0.00043	0.0003	0.0003
TOTAL PECDF	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	0.001 J	0.0013 J	-	0.0012	0.0012
TOTAL TCDD	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	0.00073 J	0.00079 J	-	0.0008	0.0008
TOTAL TCDF	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	0.00094 J	0.0015 J	-	0.0012	0.0012
Field Parameters																
CHLORINE (MG/L)	2/2	0	4	0	3.7	--	NC	0	37	--	NC	0	0.04	-	0.02	0.02
DISSOLVED OXYGEN (MG/L)	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	5.74	7.95	-	6.85	6.85
OXIDATION REDUCTION POTENTIAL (MV)	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	314	325	-	319.50	319.50
PH (S.U.)	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	7.05	7.38	-	7.22	7.22
SALINITY (%)	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	0	0	-	0.00	0.00
SPECIFIC CONDUCTANCE (MS/CM)	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	1.08	1.1	-	1.09	1.09
TEMPERATURE (C)	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	23.8	28.64	-	26.22	26.22
TURBIDITY (NTU)	1/1	--	NC	--	NC	--	NC	--	NC	--	NC	22.3	22.3	-	22.30	22.30
Inorganics (UG/L)																
ALUMINUM	1/2	--	NC	0	37000	--	NC	0	370000	--	NC	2.98	2.98	2.2 - 2.2	3.0	2.0
ANTIMONY	2/2	0	6	0	15	--	NC	0	150	--	NC	0.15	0.151	-	0.2	0.2
ARSENIC	2/2	0	10	2	0.045	2	4.5	0	110	--	NC	5.14	5.23	-	5.2	5.2
BARIUM	2/2	0	2000	0	7300	--	NC	0	73000	--	NC	4.62	7.92	-	6.3	6.3
BERYLLIUM	2/2	0	4	0	73	--	NC	0	730	--	NC	0.134	0.19	-	0.2	0.2
CADMIUM	1/2	0	5	0	18	--	NC	0	180	--	NC	0.0469	0.0469	0.04 - 0.04	0.0	0.0
CHROMIUM	2/2	0	100	--	NC	--	NC	--	NC	--	NC	0.341	0.582	-	0.5	0.5
COBALT	2/2	--	NC	0	11	--	NC	0	110	--	NC	0.0734	0.152	-	0.1	0.1
COPPER	2/2	0	1300	0	1500	--	NC	0	15000	--	NC	9.9	311	-	160.5	160.5
IRON	2/2	--	NC	0	26000	--	NC	0	260000	--	NC	11	105	-	58.0	58.0
LEAD	2/2	0	15	--	NC	--	NC	--	NC	--	NC	2.01	4.94	-	3.5	3.5
MANGANESE	2/2	--	NC	0	880	--	NC	0	8800	--	NC	1.13	1.96	-	1.5	1.5
NICKEL	2/2	--	NC	0	730	--	NC	0	7300	--	NC	3.05	19.8	-	11.4	11.4
SELENIUM	2/2	0	50	0	180	--	NC	0	1800	--	NC	0.476	0.477	-	0.5	0.5
URANIUM	2/2	0	30	2	1.63	0	163	0	1100	--	NC	11.3	14.3	-	12.8	12.8
VANADIUM	2/2	--	NC	0	180	--	NC	0	2600	--	NC	10.4	11.7	-	11.1	11.1
ZINC	2/2	--	NC	0	11000	--	NC	0	110000	--	NC	1170	2410	-	1790.0	1790.0
Microbiological Parameters																
PLATE COUNT (CFU/1)	1/2	0	500	--	NC	--	NC	--	NC	--	NC	146	146	0 - 0	146.0	73.0
Miscellaneous Parameters (MG/L)																
CHLORIDE	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	44	45.9	-	44.95	44.95
FLUORIDE	2/2	0	4	0	1.5	--	NC	0	15	--	NC	0.937	1.26	-	1.10	1.10
NITRATE	2/2	2	44.3	2	58	--	NC	0	580	--	NC	75.4	90	-	82.70	82.70
SULFATE	2/2	--	NC	--	NC	--	NC	--	NC	--	NC	45.6	51.4	-	48.50	48.50
Volatile Organics (UG/L)																
BROMOFORM	1/2	0	80	0	8.5	0	850	0	7300	--	NC	0.577 J	0.577 J	0.06 - 0.06	0.58	0.30
CARBON TETRACHLORIDE	2/2	0	5	2	0.2	0	20	0	240	2	0.32	1.05	2.56	-	1.81	1.81
CHLOROFORM	2/2	0	80	2	0.19	0	19	0	1300	2	0.21	0.753	1.19	-	0.97	0.97
TETRACHLOROETHENE	1/2	0	5	1	0.11	0	11	0	2200	0	0.82	0.413 J	0.413 J	0.07 - 0.07	0.41	0.22
TRICHLOROETHENE	2/2	0	5	0	2	0	200	--	NC	0	2.4	0.365 J	0.589 J	-	0.48	0.48
Radiological Parameters (PCI/L)																
GROSS ALPHA	2/2	0	15	--	NC	--	NC	--	NC	--	NC	5.9	8.9	-	7.40	7.40
GROSS BETA	2/2	2	8	--	NC	--	NC	--	NC	--	NC	38.4	47.8	-	43.10	43.10

NC-No Criteria
J-Estimated value

TABLE 3.6-7

STUDY AREA 06
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0198	0198	0198	0838	1363	1364	1866	2080	2081	2082
Sample ID		0198SS0010006	0198SS0010006-AVG	0198SS0010006-D	0838SS0010006	1363SS0010006	1364SS0010006	1866SS0010006	2080SS0010006	2081SS0010006	2082SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090110	20090110	20090110	20081118	20090217	20081120	20090124	20090203	20090122	20090123
Study Area		STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID		6113615202297	6113615202297	6113615202297	6111208902235	6111802504115	6112002902109	6111216600138	6112408104270	6112413602070	6112407402010
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedance of a screening level											
Dioxins/Furans (NG/KG)											
1,2,3,4,6,7,8,9-OCDD	15000	17	15.5	14	6 U	71	7.9 J	3.7 J	11 J	15	5.7 J
1,2,3,4,6,7,8,9-OCDF	15000	2 J	1.85 J	1.7 J	0.51 U	9.4 J	1.3 U	0.33 U	0.48 U	1.8 J	0.49 U
1,2,3,4,6,7,8-HPCDD	450	2.9 J	2 J	2.2 U	1.1 U	12	1.5 U	0.76 U	2.1 J	2.7 J	1.1 J
1,2,3,4,6,7,8-HPCDF	450	1.8 J	1.65 J	1.5 J	0.57 U	5.8 J	0.97 U	0.35 U	1.2 U	2 J	0.72 U
1,2,3,4,7,8,9-HPCDF	450	0.18 U	0.17 J	0.17 J	0.089 UJ	0.89 J	0.13 J	0.056 J	0.1 J	0.26 J	0.13 J
1,2,3,4,7,8-HXCDD	45	0.2 U	0.175 U	0.15 U	0.061263 UJ	0.2 J	0.102527 U	0.037 U	0.083 J	0.17 U	0.047 U
1,2,3,4,7,8-HXCDF	45	0.68 J	0.645 J	0.61 J	0.26 J	0.88 J	0.28 J	0.16 U	0.27 U	0.72 J	0.15 U
1,2,3,6,7,8-HXCDD	45	0.23 U	0.255 U	0.28 U	0.079 U	0.65 J	0.15 U	0.064 U	0.18 U	0.31 U	0.14 U
1,2,3,6,7,8-HXCDF	45	0.55 J	0.515 J	0.48 J	0.17 J	0.46 J	0.12 J	0.072 U	0.18 U	0.58 J	0.16 U
1,2,3,7,8,9-HXCDD	45	0.172623 U	0.133156 J	0.18 J	0.11 U	0.37 J	0.12 U	0.053 U	0.18 J	0.23 J	0.079 U
1,2,3,7,8-PECDD	4.5	0.21 UJ	0.295 UJ	0.38 UJ	0.061 J	0.21 U	0.099 J	0.027 U	0.15 U	0.27 U	0.084 U
1,2,3,7,8-PECDF	150	0.48 J	0.51 J	0.54 J	0.15 U	0.43 J	0.2 J	0.091 U	0.22 U	0.42 J	0.22 U
2,3,4,6,7,8-HXCDF	45	0.41 J	0.465 J	0.52 J	0.12 U	0.66 J	0.23 U	0.051 U	0.26 J	0.61 J	0.19 U
2,3,4,7,8-PECDF	15	0.47 J	0.475 J	0.48 J	0.2 U	0.65 J	0.32 J	0.096 U	0.3 U	0.57 J	0.18 U
2,3,7,8-TCDD	4.5	0.14 U	0.13 U	0.12 U	0.034 UJ	0.121 U	0.051263 U	0.048 U	0.083 U	0.143 U	0.11 J
2,3,7,8-TCDF	45	0.54 J	0.385 J	0.46 U	0.16 U	1.1 U	0.22 U	0.29 U	0.33 U	0.65 J	0.27 U
TEQ	4.5	0.43	0.42	0.36	0.10	0.74	0.24	0.00	0.08	0.52	0.12
TOTAL HPCDD	NC	5.3 J	4.95 J	4.6 J	2.2 J	25	2.9 J	1.2 J	3.8 J	5.4 J	1.8 J
TOTAL HPCDF	NC	3.4 J	3.1 J	2.8 J	1.1 J	11 J	1.9 J	1 J	2.1 J	3.3 J	1.5 J
TOTAL HXCDD	NC	4.8 J	4.75 J	4.7 J	1.3 J	9.7 J	2.5 J	0.52 J	2.1 J	5.2 J	1.2 J
TOTAL HXCDF	NC	6.1 J	5.9 J	5.7 J	1.9 J	17 J	2.6 J	1.1 J	2.5 J	5.8 J	1.9 J
TOTAL PECDD	NC	4.1 J	4.05 J	4 J	0.9 J	6.3	1.6 J	0.027 U	0.79 J	5.5	1.2 J
TOTAL PECDF	NC	6.7 J	6.2 J	5.7 J	2.1 J	13	2.8 J	0.95 J	1.7 J	5.4 J	1.7 J
TOTAL TCDD	NC	3.5	3.3	3.1	1 J	5.9	1.9 J	0.51 J	1.2 J	5.1	1 J
TOTAL TCDF	NC	4.4 J	5.1 J	5.8 J	3.1 J	15 J	3.2 J	0.88 J	0.93 J	7.2 J	1.8 J
Volatile Organics (MG/KG)											
1,1,2-TRICHLOROTRIFLUOROETHANE	43000	0.00106 U	0.001045 U	0.00103 U	0.00346 J	0.00092 U	0.0537	0.000979 U	0.000916 U	0.000964 U	0.000953 U
1,3,5-TRIMETHYLBENZENE	780	0.000302 U	0.000445 J	0.000739 J	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
4-ISOPROPYLTOLUENE	NC	0.000302 U	0.003621 J	0.00709 J	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 J	0.000272 U
ACETONE	61000	0.00875 U	0.008645 U	0.00854 U	0.00822 U	0.00762 U	0.00767 U	0.00811 U	0.00759 U	0.00799 U	0.022
CHLOROFORM	0.29	0.00167 J	0.001093 J	0.00103 U	0.000992 U	0.00092 U	0.00193 J	0.000979 U	0.000916 U	0.000964 U	0.000953 U
TOLUENE	5000	0.0233 J	0.01656 J	0.00982 J	0.00087 J	0.000754 J	0.0463	0.000699 U	0.000655 U	0.000689 U	0.00115 J
Semivolatile Organics (MG/KG)											
2,6-DICHLOROPHENOL	NC	0.0706 U	0.0692 J	0.0692 J	0.0658 U	0.0608 UJ	0.0588 U	0.0653 UJ	0.0613 U	0.0647 U	0.0642 UJ
4-CHLORO-3-METHYLPHENOL	NC	0.132 U	0.131 U	0.13 U	0.123 U	0.114 UJ	0.11 U	0.122 UJ	0.115 U	0.121 U	0.12 UJ
4-CHLOROANILINE	2.4	0.0346 U	0.03425 U	0.0339 U	0.0364 J	0.0298 U	0.0288 U	0.032 U	0.03 U	0.0317 U	0.0314 U
BAP EQUIVALENT	0.015	0.0256 U	0.0253 U	0.025 U	0.0238 U	0.022 U	0.0213 U	0.0236 U	**0.060386 [R]**	0.0234 U	0.0232 U
BENZO(A)ANTHRACENE	0.15	0.024 U	0.0238 U	0.0236 U	0.0224 U	0.0207 U	0.02 U	0.0222 U	0.0392 J	0.022 U	0.0218 U
BENZO(A)PYRENE	0.015	0.0256 U	0.0253 U	0.025 U	0.0238 U	0.022 U	0.0213 U	0.0236 U	**0.0514 J [R]**	0.0234 U	0.0232 U
BENZO(B)FLUORANTHENE	0.15	0.0301 U	0.0298 U	0.0295 U	0.028 U	0.0259 U	0.025 U	0.0278 U	0.0457 J	0.0276 U	0.0273 U
BENZO(K)FLUORANTHENE	1.5	0.0271 U	0.0268 U	0.0265 U	0.0252 U	0.0233 U	0.0225 U	0.025 U	0.0448 J	0.0248 U	0.0246 U
BIS(2-ETHYLHEXYL)PHTHALATE	35	0.158 J	0.1565 J	0.155 J	0.15 J	0.136 U	0.219 J	0.146 U	0.137 U	0.145 U	0.143 U
CHRYSENE	15	0.0195 U	0.0193 U	0.0191 U	0.0182 U	0.0168 U	0.0163 U	0.0181 U	0.0483 J	0.0179 U	0.0177 U
DI-N-BUTYL PHTHALATE	6100	0.0646 U	0.06395 U	0.0633 U	0.0699 J	0.0556 U	0.0538 U	0.0598 U	0.0561 U	0.0592 J	0.0587 U
FLUORANTHENE	2300	0.0286 U	0.0283 U	0.028 U	0.0266 U	0.0246 U	0.0238 U	0.0264 U	0.0526 J	0.0262 U	0.0259 U
O-TOLUIDINE	NC	0.0271 U	0.0268 U	0.0265 U	0.0465 J	0.0233 U	0.0273 J	0.025 U	0.0235 U	0.0248 U	0.0246 U
PYRENE	1700	0.0271 U	0.0268 U	0.0265 U	0.0252 U	0.0233 U	0.0225 U	0.025 U	0.0476 J	0.0248 U	0.0246 U
Pesticides/PCBs (MG/KG)											
4,4'-DDE	1.4	0.000745 U	0.000749 U	0.000751 U	0.000678 U	0.00477	0.000674 U	0.000741 U	0.000626 U	0.000675 U	0.000709 U

NC-No Criteria
J-Estimated Value
U-Not detected at that value
[R]-Exceeds Soil RSL

TABLE 3.6-7

STUDY AREA 06
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0198	0198	0198	0838	1363	1364	1866	2080	2081	2082
Sample ID		0198SS0010006	0198SS0010006-AVG	0198SS0010006-D	0838SS0010006	1363SS0010006	1364SS0010006	1866SS0010006	2080SS0010006	2081SS0010006	2082SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090110	20090110	20090110	20081118	20090217	20081120	20090124	20090203	20090122	20090123
Study Area		STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID		6113615202297	6113615202297	6113615202297	6111208902235	6111802504115	6112002902109	6111216600138	6112408104270	6112413602070	6112407402010
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedance of a screening level											
Inorganics (MG/KG)											
ALUMINUM	77000	46400	45500	44600	54700	46400	42800	30400	35800	43000 J	35000
ANTIMONY	31	0.61	0.5925	0.575	0.456	1.04	0.453	0.451	0.511	0.713	0.534
ARSENIC	0.39	**14.3 [R]**	**13.95 [R]**	**13.6 [R]**	**15.9 [R]**	**11.2 [R]**	**11.8 [R]**	**11.3 [R]**	**11.4 [R]**	**12.7 [R]**	**12.3 [R]**
BARIUM	15000	332	331.5	331	424	386	343	236	271	405 J	271
BERYLLIUM	160	5.82	5.62	5.42	6.62	4.76	5.52	3.43	4.01	4.45	4.55
CADMIUM	70	0.576	0.5205	0.465	0.321	0.306	0.34	0.1	0.117	0.584	0.134
CHROMIUM	120000	5.41	6.065	6.72	5.44	11.8	7.37	4.82	15.2	6.38	7.06
COBALT	23	6.9	7.085	7.27	6.32	7.18	6.18	4.74	8.66	7.09	5.86
COPPER	3100	30.4	32.45	34.5	21.4	52	40.8	23.3	33.3	53.3	26.1
IRON	55000	22800	22400	22000	26000	24200	23100	17200	21500	23800 J	17800
LEAD	400	39.7	41.45	43.2	39.9	70.3	43	26.6	32.6	47.8	37.7
MANGANESE	1800	663	694.5	726	734	798	666	536	805	628 J	574
MERCURY	5.6	0.092 U	0.09455 U	0.0971 U	0.103 U	0.142	0.109	0.101 U	0.106 U	0.1 U	0.0993 U
NICKEL	1500	7.64	8	8.36	6.14	9.73	8.62	3.98	14.5	6.27	5.95
SELENIUM	390	0.165	0.177	0.189	0.702 U	0.254	0.185	0.0968	0.0811 U	0.135	0.116
SILVER	390	0.11	0.116	0.122	0.15	0.277	0.205	0.132	0.101 U	0.126	0.13
THALLIUM	NC	2.02	2.16	2.3	2.07	2.26 U	0.398	1.24 U	1.03	1.56	1.72
TIN	47000	3.39	3.4	3.41	3.68	5.02	3.11	1.99	2.93	4.27	2.3
VANADIUM	390	50.8	50.6	50.4	50.5	46.2	47.6	32.9	38	48.5	32.4
ZINC	23000	71.4	74.3	77.2	67.4	102	82.8	47.5	58.1	86	54.8
Miscellaneous Parameters (MG/KG)											
CYANIDE	1600	0.181 U	0.175 J	0.175 J	0.17 U	0.152 U	0.158	0.167 U	0.157 U	0.161 U	0.163 U

NC-No Criteria
J-Estimated Value
U-Not detected at that value
[R]-Exceeds Soil RSL

TABLE 3.6-8

STUDY AREA 06
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/KG)								
1,2,3,4,6,7,8,9-OCDD	7/8	0	15000	3.7 J	71	6 - 6	18.54	16.60
1,2,3,4,6,7,8,9-OCDF	3/8	0	15000	1.7 J	9.4 J	0.33 - 1.3	4.35	1.83
1,2,3,4,6,7,8-HPCDD	5/8	0	450	1.1 J	12	0.76 - 2.2	3.98	2.70
1,2,3,4,6,7,8-HPCDF	3/8	0	450	1.5 J	5.8 J	0.35 - 1.2	3.15	1.42
1,2,3,4,7,8,9-HPCDF	7/8	0	450	0.056 J	0.89 J	0.089 - 0.18	0.25	0.22
1,2,3,4,7,8-HXCDD	2/8	0	45	0.083 J	0.2 J	0.037 - 0.2	0.14	0.07
1,2,3,4,7,8-HXCDF	5/8	0	45	0.26 J	0.88 J	0.15 - 0.27	0.56	0.38
1,2,3,6,7,8-HXCDD	1/8	0	45	0.65 J	0.65 J	0.064 - 0.31	0.65	0.15
1,2,3,6,7,8-HXCDF	5/8	0	45	0.12 J	0.58 J	0.072 - 0.18	0.37	0.26
1,2,3,7,8,9-HXCDD	4/8	0	45	0.133156 J	0.37 J	0.053 - 0.172623	0.23	0.14
1,2,3,7,8-PECDD	2/8	0	4.5	0.061 J	0.099 J	0.027 - 0.38	0.08	0.08
1,2,3,7,8-PECDF	4/8	0	150	0.2 J	0.54 J	0.091 - 0.22	0.39	0.24
2,3,4,6,7,8-HXCDF	4/8	0	45	0.26 J	0.66 J	0.051 - 0.23	0.50	0.29
2,3,4,7,8-PECDF	4/8	0	15	0.32 J	0.65 J	0.096 - 0.3	0.50	0.30
2,3,7,8-TCDD	1/8	0	4.5	0.11 J	0.11 J	0.034 - 0.143	0.11	0.05
2,3,7,8-TCDF	2/8	0	45	0.385 J	0.65 J	0.16 - 1.1	0.52	0.28
TEQ	8/8	0	4.5	0.0017	0.74	-	0.28	0.28
TOTAL HPCDD	8/8	--	NC	1.2 J	25	-	5.91	5.91
TOTAL HPCDF	8/8	--	NC	1 J	11 J	-	3.13	3.13
TOTAL HXCDD	8/8	--	NC	0.52 J	9.7 J	-	3.41	3.41
TOTAL HXCDF	8/8	--	NC	1.1 J	17 J	-	4.84	4.84
TOTAL PECDD	7/8	--	NC	0.79 J	6.3	0.027 - 0.027	2.91	2.54
TOTAL PECDF	8/8	--	NC	0.95 J	13	-	4.23	4.23
TOTAL TCDD	8/8	--	NC	0.51 J	5.9	-	2.49	2.49
TOTAL TCDF	8/8	--	NC	0.88 J	15 J	-	4.65	4.65
Inorganics (MG/KG)								
ALUMINUM	8/8	0	77000	30400	54700	-	41700.0	41700.0
ANTIMONY	8/8	0	31	0.451	1.04	-	0.6	0.6
ARSENIC	8/8	8	0.39	11.2	15.9	-	12.6	12.6
BARIUM	8/8	0	15000	236	424	-	333.4	333.4
BERYLLIUM	8/8	0	160	3.43	6.62	-	4.9	4.9
CADMIUM	8/8	0	70	0.1	0.584	-	0.3	0.3
CHROMIUM	8/8	0	120000	4.82	15.2	-	8.0	8.0
COBALT	8/8	0	23	4.74	8.66	-	6.6	6.6
COPPER	8/8	0	3100	21.4	53.3	-	35.3	35.3
IRON	8/8	0	55000	17200	26000	-	22000.0	22000.0
LEAD	8/8	0	400	26.6	70.3	-	42.4	42.4
MANGANESE	8/8	0	1800	536	805	-	679.4	679.4
MERCURY	2/8	0	5.6	0.109	0.142	0.092 - 0.106	0.1	0.1
NICKEL	8/8	0	1500	3.98	14.5	-	7.9	7.9
SELENIUM	6/8	0	390	0.0968	0.254	0.0811 - 0.702	0.2	0.2
SILVER	7/8	0	390	0.11	0.277	0.101 - 0.101	0.2	0.1
THALLIUM	6/8	--	NC	0.398	2.3	1.24 - 2.26	1.5	1.3

NC-No Criteria
J-Estimated value

TABLE 3.6-8

STUDY AREA 06
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
TIN	8/8	0	47000	1.99	5.02	-	3.3	3.3
VANADIUM	8/8	0	390	32.4	50.8	-	43.3	43.3
ZINC	8/8	0	23000	47.5	102	-	71.6	71.6
Miscellaneous Parameters (MG/KG)								
CYANIDE	2/8	0	1600	0.158	0.175 J	0.152 - 0.181	0.1665	0.10225
Semivolatile Organics (MG/KG)								
2,6-DICHLOROPHENOL	1/8	--	NC	0.0692 J	0.0692 J	0.0588 - 0.0706	0.0692	0.0362
2,6-DICHLOROPHENOL	1/8	--	NC	0.0692 J	0.0692 J	0.0588 - 0.0706	0.0692	0.0362
4-CHLOROANILINE	1/8	0	2.4	0.0364 J	0.0364 J	0.0288 - 0.0346	0.0364	0.0182
BAP EQUIVALENT	1/8	1	0.015	0.0603863	0.0603863	0.0213 - 0.0256	0.0604	0.0177
BENZO(A)ANTHRACENE	1/8	0	0.15	0.0392 J	0.0392 J	0.02 - 0.024	0.0392	0.0145
BENZO(A)PYRENE	1/8	1	0.015	0.0514 J	0.0514 J	0.0213 - 0.0256	0.0514	0.0166
BENZO(B)FLUORANTHENE	1/8	0	0.15	0.0457 J	0.0457 J	0.025 - 0.0301	0.0457	0.0177
BENZO(K)FLUORANTHENE	1/8	0	1.5	0.0448 J	0.0448 J	0.0225 - 0.0271	0.0448	0.0164
BIS(2-ETHYLHEXYL)PHTHALATE	3/8	0	35	0.15 J	0.219 J	0.136 - 0.146	0.1752	0.1099
CHRYSENE	1/8	0	15	0.0483 J	0.0483 J	0.0163 - 0.0195	0.0483	0.0138
DI-N-BUTYL PHTHALATE	2/8	0	6100	0.0592 J	0.0699 J	0.0538 - 0.0646	0.0646	0.0379
FLUORANTHENE	1/8	0	2300	0.0526 J	0.0526 J	0.0238 - 0.0286	0.0526	0.0179
O-TOLUIDINE	2/8	--	NC	0.0273 J	0.0465 J	0.0233 - 0.0271	0.0369	0.0185
PYRENE	1/8	0	1700	0.0476 J	0.0476 J	0.0225 - 0.0271	0.0476	0.0167
Volatile Organics (MG/KG)								
1,1,2-TRICHLOROTRIFLUOROETHANE	2/8	0	43000	0.00346 J	0.0537	0.000916 - 0.00106	0.02858	0.00751
1,3,5-TRIMETHYLBENZENE	1/8	0	780	0.000445 J	0.000739 J	0.000262 - 0.000302	0.00045	0.00017
4-ISOPROPYLTOLUENE	2/8	--	NC	0.000276 J	0.00709 J	0.000262 - 0.000302	0.00195	0.00059
ACETONE	1/8	0	61000	0.022	0.022	0.00759 - 0.00875	0.02200	0.00624
CHLOROFORM	2/8	0	0.29	0.001093 J	0.00193 J	0.000916 - 0.00103	0.00151	0.00074
TOLUENE	5/8	0	5000	0.000754 J	0.0463	0.000655 - 0.000699	0.01313	0.00833
Pesticides/PCBs (MG/KG)								
4,4'-DDE	1/8	0	1.4	0.00477	0.00477	0.000626 - 0.000751	0.004770	0.000900

NC-No Criteria
J-Estimated value

TABLE 3.7-1

STUDY AREA 07
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0104	0459	1370	1633	1635	1749	1810	1911	1923	1926	2023	2077	2113	2114
Sample ID		0104SG001	0459SG001	1370SG001	1633SG001	1635SG001	1749SG001	1810SG001	1911SG001	1923SG001	1926SG001	2023SG001	2077SG001	2113SG001	2114SG001
Residential / Government	RBL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090127	20090116	20090109	20090212	20090403	20090124	20090123	20090409	20090410	20090703	20090109	20090205	20090320	20090404
Study Area		STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07
Premise ID		6322560201502	6132216806117	6130020504169	6129403042071	6130312502116	6130609502010	6354507102147	6132717302139	6113329508240	6112715700003	6113361002162	6130306904204	6113005702101	6130008702315
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level															
Volatile Organics (UG/M3)															
1,1,1-TRICHLOROETHANE	52000	0.986	0.15 U	0.15 U	0.87	0.15 U	0.15 U	1.16	0.529	0.15 U	0.194 J	0.15 U	0.15 U	0.174 J	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	**0.427 [R]**	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.651	0.64	0.671	2.39	0.712	0.598	0.836	0.655	0.71	0.77	0.628	0.577	0.776	0.643
1,2,3-TRICHLOROBENZENE	NC	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	3.82	0.4 U	0.4 U	0.404 J	0.4 U	0.4 U	0.4 U	0.4 U
1,2,4-TRICHLOROBENZENE	21	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	5.52	0.19 U	0.19 U	2.45	0.19 U	0.19 U	0.19 U	0.19 U
1,2,4-TRIMETHYLBENZENE	73	0.597	7.56	0.573	0.05 U	0.527	0.85	0.932	0.668	0.05 U	0.744	0.408	0.326	8.29	0.05 U
1,2-DICHLOROBENZENE	2100	0.1 U	0.1 U	0.64	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1.04	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	1.68	**2.54 [R]**	**4.37 [R]**	**6.22 [R]**	0.09 U	**8.03 [R]**	1.95	0.09 U	0.09 U	0.159 U	**4.68 [R]**	0.09 U	0.09 U	0.09 U
1,3,5-TRIMETHYLBENZENE	NC	0.127 J	1.91	0.208	0.05 U	0.173 J	0.193 J	0.248	0.05 U	0.05 U	0.544	0.155 J	0.05 U	0.05 U	0.05 U
1,3-BUTADIENE	0.81	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.679 J	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	NC	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.967	0.09 U	0.09 U	0.09 U	0.09 U
1,4-DICHLOROBENZENE	2.2	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.9	0.09 U	0.09 U	0.09 U	0.09 U
2-BUTANONE	52000	0.782	37.7	10.9	1.31	1.84	0.963	3.44	0.33 U	2.23	1.26	1.98	1.53	20.5	0.873
ACETONE	320000	5.12	140	257	11.3	13.1	10.4	14	3.68	10.8	6.75	90.9	18.1	64.4	3.97
ACETONITRILE	630	0.38 U	0.38 U	2.73	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.746 J	0.38 U	0.38 U	0.38 U
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.42 J	2.02 J	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.21	**0.766 J [R]**	0.41 U	0.41 U	**0.559 J [R]**	0.41 U	**1.4 [R]**	**1.93 [R]**	0.41 U	0.41 U	**0.792 J [R]**	**1.07 [R]**	0.41 U	**7.22 [R]**	**1.18 [R]**
ACRYLONITRILE	0.36	0.2 U	0.2 U	**0.813 [R]**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	3.1	0.444	**4.54 [R]**	2.17	0.293	0.982	1.19	**3.33 [R]**	0.03 U	0.925	2.33	1.72	0.617	2.12	0.03 U
BROMODICHLOROMETHANE	0.66	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
CARBON DISULFIDE	7300	0.442	2.74	1.55	1.3	0.273	1.45	1.42	0.1 U	0.1 U	0.12 J	1.25	0.24	0.507	0.469
CARBON TETRACHLORIDE	1.6	0.212 J	0.564	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.415 U	0.205 J	0.13 U	0.509	0.13 U
CHLOROBENZENE	520	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.359	0.04 U	0.04 U	0.04 U	0.04 U
CHLOROFORM	1.1	**1.66 [R]**	1.07	**8.18 [R]**	0.308	0.11 U	0.196 J	0.11 U	**4.04 [R]**	**5.21 [R]**	0.403 U	0.11 U	**8.6 [R]**	**4.27 [R]**	0.269
CHLOROMETHANE	940	0.232	0.585	0.299	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CYCLOHEXANE	63000	0.248 J	1.73	0.11 U	0.11 U	0.11 U	0.198 J	0.26 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
DIBROMOMETHANE	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.231 J	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	2.15	2.29	2.36	4.23	2.26	3.31	14.4	0.18 U	2.3	3.26	2.32	1.91	2.49	2.34
ETHYLBENZENE	9.7	0.533	4.22	0.501	0.03 U	4.03	1.14	0.642	2.58	0.03 U	**47.2 [R]**	0.432	0.424	5.66	0.562
HEXACHLOROBUTADIENE	1.1	0.334 J	0.24 U	0.24 U	0.24 U	0.24 U	0.437 J	0.545	0.24 U	0.24 U	**2.34 [R]**	0.24 U	0.24 U	0.24 U	0.24 U
HEXANE	7300	0.696	2.55	0.17 U	0.538	0.17 U	0.852	1.18	0.17 U	0.9	0.17 U	0.212 J	2.3	0.716	0.17 U
ISOBUTANOL	NC	1.97	14.6	0.46 U	0.46 U	0.46 U	1.48	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	4200	0.07 U	0.902	0.206	0.07 U	0.07 U	0.07 U	0.25	0.07 U	0.07 U	1.67	0.139 J	0.07 U	0.07 U	0.07 U
M+P-XYLENES	7300	0.829	7.03	1.03	0.444	3.09	1.25	1.18	1.43	0.09 U	38.5	0.861	0.42	0.09 U	0.45
METHYL ACETATE	NC	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.758	0.27 U
METHYL CYCLOHEXANE	NC	0.08 U	4.34	0.275	0.08 U	0.08 U	0.08 U	0.558	0.08 U	0.08 U	0.08 U	0.159 J	0.08 U	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	94	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	1.13	0.17 U
METHYLENE CHLORIDE	52	0.535	0.972	0.08 U	0.08 U	0.08 U	0.222	0.201	0.08 U	0.08 U	0.08 U	0.08 U	0.219	0.08 U	0.08 U
O-XYLENE	7300	0.429	3.06	0.468	0.213	1.23	0.522	0.687	0.06 U	0.06 U	27.8	0.444	0.211	0.06 U	0.06 U
STYRENE	10000	10.8	4.21	0.561	0.07 U	22.4	1	0.07 U	10.7	0.07 U	151	0.07 U	7.2	31.1	1
TETRACHLOROETHENE	4.1	**4.54 [R]**	3.24	3.28	**19.9 [R]**	**18 [R]**	3	**6.53 [R]**	1.96 J	3.34	**4.51 [R]**	2.48 J	**17.5 [R]**	**7.76 [R]**	2.24 J
TOLUENE	52000	1.86	8.27	7.5	0.67	2.28	3.31	3.71	0.412	0.963	2.01	2.91	1.51	5.77	0.297
TRICHLOROETHENE	12	0.08 U	0.08 U	0.08 U	1.11	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.321	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	7300	2.12	1.75	1.96	6.13	3.75	15.6	77.9	18.2	3.93	1.92	87.1	6.81	3.97	1.81

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Tap Water RSL

TABLE 3.7-1

STUDY AREA 07
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		2115	2116	2117	2117	2117	2118	2130	2150	2154	2156	EV50	EV51	EV52
Sample ID		2115SG001	2116SG001	2117SG001	2117SG001-AVG	2117SG001-D	2118SG001	2130SG001	2150SG001	2154SG001	2156SG001	EV50SG001	EV51SG001	EV52SG001
Residential / Government	RBL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO	PARCO
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090325	20090326	20090331	20090331	20090331	20090331	20090331	20090423	20090428	20090504	20090512	20090520	20090526
Study Area		STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	PARCO EVA	PARCO EVA	PARCO EVA
Premise ID		6129714502305	6130306904116	6132719902152	6132719902152	6132719902152	6130003702113	6130315202113	6130311510114	6113111301102	6132723804156	NA	NA	NA
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level														
Volatile Organics (UG/M3)														
1,1,1-TRICHLOROETHANE	52000	0.425	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.557	0.26 J	0.284 J	0.15 U	0.664	0.35
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.965	1.08	0.789	0.864	0.939	0.689	0.873	1.38	0.933	0.858	0.922	0.837	0.785
1,2,3-TRICHLOROBENZENE	NC	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.574 J	0.863	0.4 U	0.622 J	0.4 U
1,2,4-TRICHLOROBENZENE	21	0.19 U	2.97	0.69	0.5795	0.469	0.19 U	0.19 U	0.19 U	1.02 U	1.67 U	0.19 U	1.28 J	0.19 U
1,2,4-TRIMETHYLBENZENE	73	2.09	2.4	0.05 U	0.05 U	0.05 U	0.05 U	0.241	0.483	7.63	0.677	0.05 U	0.05 U	0.05 U
1,2-DICHLOROBENZENE	2100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.449	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
1,3,5-TRIMETHYLBENZENE	NC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0888 J	0.05 U	1.79	0.05 U	0.05 U	0.05 U	0.05 U
1,3-BUTADIENE	0.81	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**1.4 [R]**	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	NC	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.09 U
1,4-DICHLOROBENZENE	2.2	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.47	0.09 U	0.09 U	0.09 UJ	0.09 U
2-BUTANONE	52000	1.52	4.3	1.83	1.98	2.13	1.18	0.886	1.26	119	1.04	1.3	5.58	0.877
ACETONE	320000	18.6	17.4	19.2	20.4	21.6	16.9	6.99	9.3	1030	4.8	6.53	16.4	4.42
ACETONITRILE	630	0.38 U	0.66 J	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.65 J	1.02 U	6.17	2.83	2.38	2.23	4.57	1.11 J
ACROLEIN	0.21	0.41 U	**2.12 [R]**	0.41 UJ	**1.9275 J [R]**	**3.65 J [R]**	0.41 U	0.41 U	0.41 U	**4.76 [R]**	**0.885 [R]**	**2.95 [R]**	**3.17 [R]**	**1.39 [R]**
ACRYLONITRILE	0.36	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**1.63 [R]**	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	3.1	**10.5 [R]**	**10.5 [R]**	0.03 U	0.1485	0.282	2.98	0.03 U	1.17	**21.8 [R]**	0.363	0.239	0.986	1.21
BROMODICHLOROMETHANE	0.66	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.637	0.15 U	0.293 J	0.15 U	0.15 U	0.15 U	**0.897 [R]**
CARBON DISULFIDE	7300	3.01	1.85	0.591	0.5635	0.536	0.636	2.54	1.02	6.47	0.277	0.1 U	0.196 J	0.316
CARBON TETRACHLORIDE	1.6	0.573	0.461	0.13 U	0.13 U	0.13 U	0.422	0.13 U	0.251 J	0.751	0.163 J	0.13 U	0.237 J	0.13 U
CHLOROBENZENE	520	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.429	0.199 J	0.04 U	0.04 U	0.04 U
CHLOROFORM	1.1	0.11 U	0.339	0.371	0.213	0.11 U	0.11 U	**36 [R]**	**1.34 [R]**	0.846	0.11 U	0.518	0.975	**36.4 [R]**
CHLOROMETHANE	940	1.29	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	47.4	0.07 U	0.113 J	0.07 U	0.07 U	0.07 U
CYCLOHEXANE	63000	2.88	0.561	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	6.54	0.175 J	0.11 U	0.11 U	0.11 U
DIBROMOMETHANE	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.621	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	8.04	3.37	4.64	4.49	4.34	2.12	7.07	2.94	0.18 U	1.59	6.12	2.53 J	1.66
ETHYLBENZENE	9.7	**25.5 [R]**	**15 [R]**	0.03 U	0.126	0.237	**37.2 [R]**	0.301	**10.5 [R]**	**18.3 [R]**	1.04	0.03 U	4.57	**45 [R]**
HEXACHLOROBUTADIENE	1.1	0.24 U	**2.7 [R]**	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.3 U	0.24 U	0.24 U
HEXANE	7300	4.4	2.08	0.805	0.9025	1	0.185 J	0.17 U	0.611	6.05	0.337	0.314	0.278 J	0.17 U
ISOBUTANOL	NC	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	6.51	0.46 U	0.46 U	0.584 J	0.46 U
ISOPROPYLBENZENE	4200	1.2	0.07 U	0.07 U	0.07 U	0.07 U	2.85	0.07 UJ	0.07 U	2.66	0.242	0.07 U	0.07 U	2.38
M+P-XYLENES	7300	12.7	10.6	0.272 J	0.4675 J	0.663 J	77.4	0.682	6.14	14.5	0.89	0.09 U	3.31	26.1
METHYL ACETATE	NC	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	4.39	0.08 U	0.08 UJ	2.785 J	5.53 J	0.08 U	0.08 U	0.58	11.6	0.08 U	0.08 U	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	94	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	4.35	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	52	0.08 U	0.27	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	1.18	3.3	0.313	0.08 U	0.08 U	0.685
O-XYLENE	7300	6.55	0.06 U	0.06 U	0.06 U	0.06 U	31.8	0.06 U	3.19	7.53	0.447	0.06 U	1.7	15.8
STYRENE	10000	164	32.6	0.07 U	0.07 U	0.07 U	379	1.88	50.6	11.1	2.77	0.297	33	44.3
TETRACHLOROETHENE	4.1	2.09 J	1.45 U	2.97	2.965	2.96	1.95 J	1.61 J	**38.3 [R]**	2 J	**5.17 [R]**	**6.12 [R]**	**343 [R]**	**118 [R]**
TOLUENE	52000	19.3	13.7	0.339 J	1.1095 J	1.88 J	4.69	0.382	2.95	34.8	0.469	0.492	0.835	1.5
TRICHLOROETHENE	12	0.08 U	0.343	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.495	0.27	0.08 U	0.08 U	0.626	0.641
TRICHLOROFLUOROMETHANE	7300	15.9	2.98	163	162	161	1.99	3.32	2.73	2.66	1870	3	2.74	1.93

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Tap Water RSL

TABLE 3.7-2

STUDY AREA 07
SOIL GAS - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil Gas RSL	Soil Gas RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Volatile Organics (UG/M3)								
1,1,1-TRICHLOROETHANE	12/25	0	52000	0.174 J	1.16	0.15 - 0.15	0.54	0.30
1,1,2,2-TETRACHLOROETHANE	1/25	1	0.42	0.427	0.427	0.04 - 0.04	0.43	0.04
1,1,2-TRICHLOROTRIFLUOROETHANE	25/25	0	310000	0.577	2.39	-	0.86	0.86
1,2,3-TRICHLOROBENZENE	5/25	--	NC	0.404 J	3.82	0.4 - 0.4	1.26	0.41
1,2,4-TRICHLOROBENZENE	5/25	0	21	0.469	5.52	0.19 - 1.67	2.56	0.63
1,2,4-TRIMETHYLBENZENE	17/25	0	73	0.241	8.29	0.05 - 0.05	2.06	1.41
1,2-DICHLOROBENZENE	3/25	0	2100	0.449	1.04	0.1 - 0.1	0.71	0.13
1,2-DICHLOROPROPANE	7/25	5	2.4	1.68	8.03	0.09 - 0.159	4.21	1.21
1,3,5-TRIMETHYLBENZENE	10/25	--	NC	0.0888 J	1.91	0.05 - 0.05	0.54	0.23
1,3-BUTADIENE	2/25	1	0.81	0.679 J	1.4	0.49 - 0.49	1.04	0.31
1,3-DICHLOROBENZENE	1/25	--	NC	0.967	0.967	0.09 - 0.09	0.97	0.08
1,4-DICHLOROBENZENE	2/25	0	2.2	0.47	0.9	0.09 - 0.09	0.69	0.10
2-BUTANONE	24/25	0	52000	0.782	119	0.33 - 0.33	9.34	8.98
ACETONE	25/25	0	320000	3.68	1030	-	72.05	72.05
ACETONITRILE	3/25	0	630	0.66 J	2.73	0.38 - 0.38	1.38	0.33
ACETOPHENONE	9/25	--	NC	1.11 J	6.17	1.02 - 1.02	2.71	1.30
ACROLEIN	15/25	15	0.21	0.559 J	7.22	0.41 - 0.41	2.14	1.37
ACRYLONITRILE	2/25	2	0.36	0.813	1.63	0.2 - 0.2	1.22	0.19
BENZENE	22/25	5	3.1	0.1485	21.8	0.03 - 0.03	3.21	2.82
BROMODICHLOROMETHANE	3/25	1	0.66	0.293 J	0.897	0.15 - 0.15	0.61	0.14
CARBON DISULFIDE	22/25	0	7300	0.12 J	6.47	0.1 - 0.1	1.30	1.15
CARBON TETRACHLORIDE	11/25	0	1.6	0.163 J	0.751	0.13 - 0.415	0.40	0.22
CHLOROBENZENE	3/25	0	520	0.199 J	0.429	0.04 - 0.04	0.33	0.06
CHLOROFORM	18/25	9	1.1	0.196 J	36.4	0.11 - 0.403	6.14	4.44
CHLOROMETHANE	6/25	0	940	0.113 J	47.4	0.07 - 0.07	8.32	2.02
CYCLOHEXANE	8/25	0	63000	0.175 J	6.54	0.11 - 0.11	1.57	0.54
DIBROMOMETHANE	2/25	0	42	0.231 J	0.621	0.15 - 0.15	0.43	0.10
DICHLORODIFLUOROMETHANE	23/25	0	2100	1.59	14.4	0.18 - 0.18	3.72	3.43
ETHYLBENZENE	22/25	7	9.7	0.126	47.2	0.03 - 0.03	10.25	9.02
HEXACHLOROBUTADIENE	5/25	2	1.1	0.334 J	2.7	0.24 - 0.3	1.27	0.35
HEXANE	18/25	0	7300	0.185 J	6.05	0.17 - 0.17	1.39	1.03
ISOBUTANOL	5/25	--	NC	0.584 J	14.6	0.46 - 0.46	5.03	1.19
ISOPROPYLBENZENE	10/25	0	4200	0.139 J	2.85	0.07 - 0.07	1.25	0.52
M+P-XYLENES	22/25	0	7300	0.272 J	77.4	0.09 - 0.09	9.51	8.38
METHYL ACETATE	1/25	--	NC	0.758	0.758	0.27 - 0.27	0.76	0.16
METHYL CYCLOHEXANE	8/25	--	NC	0.159 J	11.6	0.08 - 0.08	3.09	1.01
METHYL TERT-BUTYL ETHER	2/25	0	94	1.13	4.35	0.17 - 0.17	2.74	0.30
METHYLENE CHLORIDE	10/25	0	52	0.201	3.3	0.08 - 0.08	0.79	0.34
O-XYLENE	17/25	0	7300	0.211	31.8	0.06 - 0.06	6.00	4.09
STYRENE	20/25	0	10000	0.297	379	0.07 - 0.07	47.98	38.39
TETRACHLOROETHENE	24/25	12	4.1	1.61 J	343	1.45 - 1.45	25.81	24.81
TOLUENE	25/25	0	52000	0.297	34.8	-	4.87	4.87
TRICHLOROETHENE	7/25	0	12	0.27	1.11	0.08 - 0.08	0.54	0.18
TRICHLOROFLUOROMETHANE	25/25	0	7300	1.75	1870	-	92.09	92.09

NC-No Criteria
J-Estimated value

TABLE 3.7-3

STUDY AREA 07
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
PAGE 1 OF 6

Location						0104	0459	1370	1633	1635	1749	1805	1810	1851	1911
Sample ID						0104TW001	0459TW001	1370TW001	1633TW001	1635TW001	1749TW001	1805TW001	1810TW001	1851TW001	1911TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090127	20090116	20081218	20081203	20090403	20090124	20080930	20081003	20081018	20081124
Study Area						STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07
Premise ID						6322560201502	6132216806117	6130020504169	6129403042071	6130312502116	6130609502010	6353509304247	6354507102147	6132723808371	6132717302139
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
Dioxins/Furans (NG/L)															
1,2,3,4,6,7,8,9-OCDD	NC	1.7	170	NC	NC	0.0035 U	0.0045 U	0.0024 U	0.0059 U	0.0043 U	0.0057 U	0.0091 U	0.0069 U	0.0059 U	0.0025 U
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.00079 U	0.00064 U	0.0006 J	0.0009 U	0.00098 U	0.00164 U	0.003 U	0.012 U	0.0025 U	0.001101 U
1,2,3,4,6,7,8-HPCDD	NC	0.052	5.2	NC	NC	0.0012 U	0.0016 U	0.0013 U	0.0017 U	0.001 U	0.0026 U	0.0027 U	0.003537 U	0.0015 J	0.0027 U
1,2,3,4,6,7,8-HPCDF	NC	0.052	5.2	NC	NC	0.00093 U	0.00071 U	0.00053 U	0.00072 U	0.00083 U	0.00087 U	0.0021 U	0.0015 U	0.00081 U	0.00035 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.000262 U	0.00038 J	0.00029 UJ	0.00042 U	0.000333 U	0.00048 U	0.001138 U	0.0016 U	0.000254 U	0.00035 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00024 U	0.00036 U	0.00046 UJ	0.0003 U	0.00029 U	0.00048 U	0.001 U	0.0012 U	0.00064 U	0.0005 J
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00024 U	0.00043 J	0.00046 U	0.00057 U	0.00045 J	0.00031 U	0.00045 U	0.001034 U	0.00031 U	0.00043 U
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00019 U	0.00031 U	0.00039 UJ	0.00025 U	0.000214 U	0.00041 U	0.000854 U	0.00099 U	0.000534 U	0.00068 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00017 U	0.00031 U	0.00039 UJ	0.00025 U	0.00033 U	0.00041 U	0.00088 U	0.0022 U	0.00056 U	0.00063 J
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00019 J	0.00038 U	0.00022 UJ	0.0003 U	0.00031 U	0.00034 U	0.00043 U	0.0012 U	0.00046 J	0.00048 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.00031 U	0.00047 U	0.000605 UJ	0.00082 U	0.00079 U	0.00101 U	0.000664 U	0.000794 U	0.000534 U	0.00063 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000143 U	0.00033 U	0.00039 U	0.00027 U	0.00024 U	0.00031 J	0.00045 U	0.0011 J	0.00031 U	0.00043 U
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.001 U	0.00073 J	0.0006 U	0.00047 J	0.00064 U	0.0007 U	0.00085 U	0.00058 U	0.00074 U	0.00043 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.000334 U	0.00031 U	0.00036 U	0.00025 U	0.00029 U	0.00043 U	0.00062 U	0.000553 U	0.00041 U	0.0005 U
TEQ	NC	0.00052	0.052	0.37	NC	0.000019	0.000266	0.00000018	0.000141	0.000045	0.000031	0.00062 U	0.00011	0.000061	0.000113
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0018 J	0.0027 J	0.0013 J	0.0017 J	0.0016 J	0.0026 J	0.0027 J	0.003537 U	0.0015 J	0.0027 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0017 J	0.0016 J	0.0007 J	0.0015 J	0.0018 J	0.001 J	0.0044 J	0.0031 J	0.0021 J	0.00063 U
TOTAL HXCDD	NC	NC	NC	NC	NC	0.0006 J	0.00097 U	0.001234 UJ	0.0008 U	0.00074 J	0.0013 U	0.002728 U	0.0044 J	0.001731 U	0.0018 J
TOTAL HXCDF	NC	NC	NC	NC	NC	0.00091 J	0.0013 U	0.0011 J	0.0014 J	0.0013 J	0.00123 U	0.0017 J	0.004114 U	0.0019 J	0.0017 U
TOTAL PECDD	NC	NC	NC	NC	NC	0.00031 J	0.00047 J	0.000605 UJ	0.00082 U	0.00079 U	0.00101 U	0.000664 U	0.000794 U	0.000534 U	0.00063 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.0015 J	0.0013 U	0.0012 J	0.001 J	0.00081 J	0.0014 U	0.0013 J	0.001131 U	0.00089 J	0.00075 U
TOTAL TCDD	NC	NC	NC	NC	NC	0.0012 J	0.00092 U	0.000653 UJ	0.00075 U	0.0012 J	0.0013 U	0.0019 U	0.0017 U	0.001222 U	0.001501 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.0013 J	0.00043 U	0.00051 J	0.00045 U	0.00086 J	0.00039 U	0.0012 J	0.0006 J	0.0011 J	0.000901 U
Volatile Organics (UG/L)															
ACETONE	NC	22000	NC	220000	64000	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	0.1 U	0.1 U	**0.195 J [R]**	0.12 U	0.1 U	**0.159 J [R]**	0.12 U	0.12 U	0.12 U	0.12 U
BROMOFORM	80	8.5	850	7300	NC	0.06 U	3.01	2.39 J	3.98	3.27	2.29	0.06 U	0.06 U	2.99	2.61
CHLORODIBROMOMETHANE	80	0.15	150	7300	NC	0.1 U	**0.637**	**1.49 J [R]**	**1.73 [R]**	**0.494 J**	**0.692**	0.14 U	0.14 U	**0.392 J**	**1.21 [R]**
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.09 U	**0.373 [R][INH]**	0.09 U	0.09 U	0.09 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.1 U	0.1 U	0.1 UJ	**0.204 J [R]**	0.1 U	0.1 U	**0.184 J [R]**	0.07 U	0.07 U	0.07 U
TOLUENE	1000	2300	NC	23000	10000	0.1 U	0.1 U	0.1 UJ	0.17 U	0.1 U	0.1 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Semivolatile Organics (UG/L)															
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC		1.34 U	1.35 U	1.41 U		1.34 U	1.47 J	1.38 U	1.38 U	1.38 U
Radiological Parameters (PCI/L)															
GROSS ALPHA	15	NC	NC	NC	NC	1.4 U	1.4 U	1.4 U	1.1 U	2.9 U	1.4 U	1.6 U	1.9	1.4 U	1.4 U
GROSS BETA	8	NC	NC	NC	NC	5.7 U	5.9 U	4.9 U	7	7.42	5.7 U	**13 [F]**	**12.2 [F]**	5.9	5.4 U
Inorganics (UG/L)															
ALUMINUM	NC	37000	NC	370000	NC	9.42	2.52	12.1	8.82	2.2 U	5.77	2.2 U	2.2 U	80.2	2.5
ANTIMONY	6	15	NC	150	NC	0.14 U	0.195	0.14 U	0.14 U	0.14 U	0.14 U	0.153	0.218	0.234	0.178
ARSENIC	10	0.045	4.5	110	NC	**2.75 [R]**	**6.16 [R][C]**	**5.75 [R][C]**	**5.06 [R][C]**	**5.68 [R][C]**	**4.51 [R][C]**	**2.9 [R]**	**3.99 [R]**	**2.9 [R]**	**4.53 [R][C]**
BARIUM	2000	7300	NC	73000	NC	6.83	17.6	17.4	11.7	17.2	16.2	19.8	21.6	18.4	15.4
BERYLLIUM	4	73	NC	730	NC	0.03 U	0.03 U	0.0442	0.0801	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	5	18	NC	180	NC	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0696	0.0585	0.04 U	0.0927
CALCIUM	NC	NC	NC	NC	NC	46.8	127	73.2	141	137	113	130	147		130
CHROMIUM	100	NC	NC	NC	NC	0.485	0.49	0.798 U	48.4	0.229	0.95	1.41	1.93	0.863	1.23 U
COBALT	NC	11	NC	110	NC	0.03 U	0.116	0.0672	0.978	0.112	0.0618	0.627	0.0761	0.03 U	0.196
COPPER	1300	1500	NC	15000	NC	6.3	60	34.6	35.7	7.27	7.39	407	160	6.48	83.9
IRON	NC	26000	NC	260000	NC	5.67	332	13.2	512	4.7 U	27.1	89.8	123	8.32	30.8
LEAD	15	NC	NC	NC	NC	0.499	2.59	0.931	3.86	0.423	1.17	1.89	10.3	0.56	3.13
MAGNESIUM	NC	NC	NC	NC	NC	6.34	22	12.4	20.9	22.7	22	26.7	33.1		25.7
MANGANESE	NC	880	NC	8800	NC	0.895	2.89	33.5	22.5	0.1 U	0.959	96.5	1.32	1.2	12
MERCURY	2	0.57	NC	5.7	0.63	0.021	0.04	0.031	0.037	0.069	0.015 U	0.015 U	0.015 U	0.015 U	0.041
NICKEL	NC	730	NC	7300	NC	0.555 U	3	2.86	47.9	0.568	12.8 J	7.34	17.6	0.384	107

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.7-3

STUDY AREA 07
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	0104 0104TW001 RESIDENTIAL PHASE II 20090127 STUDY AREA 07 6322560201502 PUBLIC	0459 0459TW001 RESIDENTIAL PHASE II 20090116 STUDY AREA 07 6132216806117 PUBLIC	1370 1370TW001 RESIDENTIAL PHASE II 20081218 STUDY AREA 07 6130020504169 PUBLIC	1633 1633TW001 RESIDENTIAL PHASE II 20081203 STUDY AREA 07 6129403042071 PUBLIC	1635 1635TW001 RESIDENTIAL PHASE II 20090403 STUDY AREA 07 6130312502116 PUBLIC	1749 1749TW001 RESIDENTIAL PHASE II 20090124 STUDY AREA 07 6130609502010 PUBLIC	1805 1805TW001 RESIDENTIAL PHASE II 20080930 STUDY AREA 07 6353509304247 PUBLIC	1810 1810TW001 RESIDENTIAL PHASE II 20081003 STUDY AREA 07 6354507102147 PUBLIC	1851 1851TW001 RESIDENTIAL PHASE II 20081018 STUDY AREA 07 6132723808371 PUBLIC	1911 1911TW001 RESIDENTIAL PHASE II 20081124 STUDY AREA 07 6132717302139 PUBLIC
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
POTASSIUM	NC	NC	NC	NC	NC	0.81	6.43	1.13	9.2	7.24	5.8	12.4	11.8		4.29
SELENIUM	50	180	NC	1800	NC	0.2 U	0.313 U	0.287	0.387	0.375	0.303	0.463	0.241	0.353	0.267
SILVER	NC	180	NC	1800	NC	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	NC	NC	NC	NC	NC	3.18 U	20.1	4.14	29.4	25.1	18.6	50.1	63.8		15.2
THALLIUM	2	NC	NC	NC	NC	0.04 U	0.167 U	0.04 U	0.04 U	0.16 U	0.04 U	0.165 U	0.04 U	0.212	0.164 U
TIN	NC	22000	NC	220000	NC	0.1 U	1.08	0.1 U	0.704	0.1 U	0.1 U	0.1 U	0.307	0.108	0.197
URANIUM	30	1.63	163	1100	NC	0.296	1.55	**4.94**	**1.94**	**1.69**	1.41	**3.24**	**3.22**	**1.67**	1.11
VANADIUM	NC	180	NC	2600	NC	1 U	3.29	3.03	5.21	1.07	3.25	3.66 U	6.23 U	4.39	1.4
ZINC	NC	11000	NC	110000	NC	42.3	511	23.5	337	125	68.1 J	485	1310	47.7	2520
Microbiological Parameters															
PLATE COUNT	500	NC	NC	NC	NC										
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <	1 <	1 <	**200.5 > [F]**	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)															
CHLORIDE	NC	NC	NC	NC	NC	5.7	40.4	6.56	48.1	47.8	37.7	94.5	131	43.4	56.9
FLUORIDE	4	1.5	NC	15	NC	0.2 U	0.339	0.2 U	0.396	0.433	0.296	0.443	0.494	0.415	0.434
NITRATE	44.3	58	NC	580	NC	2.41	9.34 J	2.69	11.5	10.9 J	9.71 J	19.9 J	10.9 J	10.4 J	9.99
SULFATE	NC	NC	NC	NC	NC	2.72	11.9	4.72	15.2	12.9	10.8	34.8	26.9	13.7	14.9
Field Parameters															
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.04	0.04	0.01	0	0.14	0.14	0.06	0.1	0.1	0.09
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	7.57	7.07	10.1	9.05	7.75	8.26	7.39	8.96	8.77	3.45
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	482	397	547	302	623	609	328	598	486	366
PH (S.U.)	NC	NC	NC	NC	NC	7.19	7.2	7.72	7.39	7.17	7.23	7.34	7.23	6.73	7
SALINITY (%)	NC	NC	NC	NC	NC	0	0.02	0	0	0.02	0	0	0.1	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.32	0.804	0.495	1	0.912	0.877	0.89	1.4	0.95	0.972
TEMPERATURE (C)	NC	NC	NC	NC	NC	12.26	15.14	11.77	14.19	15.79	12.06	21.72	18.63	17.52	14.24
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC				0.6						0
TURBIDITY (NTU)	NC	NC	NC	NC	NC	3	0	16.8	0	0	24			5.16	1.8

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.7-3

STUDY AREA 07
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1923	1926	1926	2023	2075	2077	2113	2114	2115	2116
Sample ID						1923TW001	1926TW001	1926TW002	2023TW001	2075TW001	2077TW001	2113TW001	2114TW001	2115TW001	2116TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PRE-LEASE HOME	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20081202	20081211	20090703	20090109	20090123	20090210	20090320	20090404	20090325	20090328
Study Area						STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 08	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07
Premise ID						6113329508240	6112715700003	6112715700003	6113361002162	6132511222105	6130306904204	6113005702101	6130008702315	6129714502305	6130306904116
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
Dioxins/Furans (NG/L)															
1,2,3,4,6,7,8,9-OCDD	NC	1.7	170	NC	NC	0.0034 U	0.0037 U		0.0044 U	0.0038 U	0.0046 U	0.0039 U	0.0053 U	0.0049 U	0.0062 U
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.0017 U	0.00062 U		0.00069 U	0.001402 U	0.00073 U	0.00032 U	0.001 U	0.00055 U	0.00082 U
1,2,3,4,6,7,8-HPCDD	NC	0.052	5.2	NC	NC	0.0012 U	0.000691 U		0.0012 U	0.0015 U	0.001 U	0.002 U	0.0016 U	0.0023 U	0.0018 U
1,2,3,4,6,7,8-HPCDF	NC	0.052	5.2	NC	NC	0.0012 U	0.00043 U		0.00043 U	0.00059 U	0.00034 U	0.00027 U	0.00057 U	0.00048 U	0.00029 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.000401 U	0.000333 U		0.000331 U	0.00024 U	0.00022 U	0.00022 U	0.00022 U	0.00017 U	0.000193 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.000653 U	0.00048 U		0.00043 U	0.00055 U	0.000314 U	0.00032 U	0.000274 U	0.00029 U	0.000363 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00045 U	0.00031 U		0.00031 U	0.00029 U	0.00039 U	0.00022 U	0.00027 J	0.00017 U	0.00015 U
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.000552 U	0.00041 U		0.00045 U	0.00048 U	0.00061 U	0.00048 U	0.0003 U	0.00057 U	0.00032 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.000552 U	0.00041 U		0.00031 U	0.00048 U	0.000314 U	0.00019 U	0.00045 U	0.00038 U	0.00034 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00028 U	0.00036 U		0.000354 U	0.00031 U	0.00044 U	0.00046 U	0.00037 U	0.00022 U	0.00032 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.00073 U	0.00062 U		0.00038 U	**0.00086 J [R]**	0.002 U	0.001021 U	0.00075 U	0.00079 U	0.000703 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00048 U	0.00031 U		0.00031 U	0.00029 U	0.00039 U	0.00024 U	0.00027 J	0.00024 U	0.00015 U
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.000552 U	0.00055 U		0.000662 U	0.00024 U	0.0014 U	0.00043 U	0.00092 U	0.000191 U	0.00032 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.000301 U	0.000214 U		0.00031 U	0.00029 J	0.0009 U	**0.00073 J [R]**	0.00045 U	0.00036 J	0.000193 J
TEQ	NC	0.00052	0.052	0.37	NC	0.000301 U	0.000214 U		0.00031 U	**0.00115 [R]**	0.0009 U	**0.00073 [R]**	0.000054	0.00036	0.000193
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0012 J	0.000691 U		0.0012 J	0.0015 J	0.001 J	0.002 J	0.0025 J	0.0023 J	0.0018 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0023 J	0.00071 J		0.00057 U	0.00078 J	0.00041 J	0.00051 J	0.0014 J	0.00062 J	0.00036 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.0018 U	0.0013 U		0.0011 J	0.0015 U	0.00094 J	0.00097 J	0.001 J	0.0012 J	0.001018 U
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0015 J	0.001239 U		0.001229 U	0.001117 U	0.0016 U	0.0012 J	0.0011 J	0.00074 J	0.00065 J
TOTAL PECDD	NC	NC	NC	NC	NC	0.0087	0.00062 U		0.00038 U	0.00086 J	0.002 U	0.001021 U	0.00075 U	0.00079 U	0.000703 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.001105 U	0.00081 J		0.0013 U	0.00043 J	0.002737 U	0.00073 J	0.0012 J	0.00045 J	0.0007 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.000904 U	0.000643 U		0.000922 U	0.000784 U	0.0027 U	0.0012 J	0.001347 U	0.0014 J	0.00068 J
TOTAL TCDF	NC	NC	NC	NC	NC	0.00055 J	0.000333 U		0.00043 U	0.00043 U	0.0011 U	0.00065 J	0.0008 J	0.00029 U	0.00029 J
Volatile Organics (UG/L)															
ACETONE	NC	22000	NC	220000	64000	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	0.12 U	0.12 U		0.1 U	0.1 U	0.1 U	0.1 U	**0.241 J [R]**	0.1 U	0.1 U
BROMOFORM	80	8.5	850	7300	NC	3.59	3.94		2.72	2.77	2.93	3.54	0.676 J	3.08	0.06 U
CHLORODIBROMOMETHANE	80	0.15	150	7300	NC	**1.71 [R]**	**0.35 J**		**0.304 J**	**0.562**	**0.282 J**	**0.346 J**	**0.509**	0.1 U	0.1 U
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.09 U		0.09 U	0.09 U	0.09 U	0.09 U	0.143 J	0.09 U	0.09 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.104 J	**0.805 J [R]**		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	**0.424 J [R]**
TOLUENE	1000	2300	NC	23000	10000	0.17 U	0.839 J		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.13 U		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.33 J
Semivolatile Organics (UG/L)															
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC	2.35 U	1.35 U		1.32 U	1.33 U					
Radiological Parameters (PCI/L)															
GROSS ALPHA	15	NC	NC	NC	NC	1.4 U	3.5		1.6 U	1.6 U	1.9 U	1.21 U	2.76 U	2.76 U	9.05
GROSS BETA	8	NC	NC	NC	NC	**10.5 [F]**	**32.4 [F]**		**11.6 [F]**	5.9	**8.1 [F]**	7.05	3.2 U	4.91	**37.5 [F]**
Inorganics (UG/L)															
ALUMINUM	NC	37000	NC	370000	NC	2.2 U	7.93		3.44	2.2 U	2.2 U	2.2 U	2.2 U	2.87	20.5
ANTIMONY	6	15	NC	150	NC	0.179	0.145		0.14 U	0.14 U	1.07	0.566	0.14 U	0.14 U	0.321
ARSENIC	10	0.045	4.5	110	NC	**4.62 [R][C]**	**5.15 [R][C]**		**5.01 [R][C]**	**6.39 [R][C]**	**4.05 [R]**	**3.9 [R]**	**2.64 [R]**	**5.4 [R][C]**	**8.58 [R][C]**
BARIUM	2000	7300	NC	73000	NC	17.9	13.1		16.1	15.3	17.4	16.9	5.86	19.1	4.71
BERYLLIUM	4	73	NC	730	NC	0.0451	0.0869		0.03 U	0.03 U	0.03 U	0.03 U	0.0403	0.03 U	0.269
CADMIUM	5	18	NC	180	NC	0.04 U	0.04 U		0.04 U	0.04 U	0.29	0.112	0.0837	0.04 U	0.103
CALCIUM	NC	NC	NC	NC	NC	140	119		121	137	112	117	59.1	126	99.2
CHROMIUM	100	NC	NC	NC	NC	1.22	1.04 U		0.847 U	0.15 U	0.718 U	0.233 U	0.392	0.548	0.15 U
COBALT	NC	11	NC	110	NC	0.0636	0.296		0.0794	0.108	0.312	0.22	0.125 U	0.136	0.183
COPPER	1300	1500	NC	15000	NC	25.8	26.4		38.8	42.5	424	451	124	64.7	528
IRON	NC	26000	NC	260000	NC	12.4	103		56.4	4.7 U	140	83.3	98.9	16.7	33.9
LEAD	15	NC	NC	NC	NC	1.56	5.7		3.37	0.272	12.4	5.79	3.41	1.87	2.26
MAGNESIUM	NC	NC	NC	NC	NC	21.6	20.3		27.2	23.1	22.4	22.6	9.64	22.8	26.3
MANGANESE	NC	880	NC	8800	NC	0.628	23		1.37	5.17	22.2	22.5	3.66	2.96	3.51
MERCURY	2	0.57	NC	5.7	0.63	0.036	0.016		0.015 U	0.046	0.018	0.02	0.108	0.037	0.155
NICKEL	NC	730	NC	7300	NC	1.27	7.45		36.3	0.946	148	140	8.59	18	19.6

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.7-3

STUDY AREA 07
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	1923 1923TW001 RESIDENTIAL PHASE II 20081202 STUDY AREA 07 6113329508240 PUBLIC	1926 1926TW001 RESIDENTIAL PRE-LEASE HOME 20081211 STUDY AREA 07 6112715700003 PUBLIC	1926 1926TW002 RESIDENTIAL PHASE II 20090703 STUDY AREA 07 6112715700003 PUBLIC	2023 2023TW001 RESIDENTIAL PHASE II 20090109 STUDY AREA 07 6113361002162 PUBLIC	2075 2075TW001 PHASE II 20090123 STUDY AREA 08 6132511222105 PUBLIC	2077 2077TW001 RESIDENTIAL PHASE II 20090210 STUDY AREA 07 6130306904204 PUBLIC	2113 2113TW001 RESIDENTIAL PHASE II 20090320 STUDY AREA 07 6113005702101 PUBLIC	2114 2114TW001 RESIDENTIAL PHASE II 20090404 STUDY AREA 07 6130008702315 PUBLIC	2115 2115TW001 RESIDENTIAL PHASE II 20090325 STUDY AREA 07 6129714502305 PUBLIC	2116 2116TW001 RESIDENTIAL PHASE II 20090328 STUDY AREA 07 6130306904116 PUBLIC
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
POTASSIUM	NC	NC	NC	NC	NC	8.05	22.6		13.1	7.99	5.28	5.16	0.963	6.6	41.7
SELENIUM	50	180	NC	1800	NC	0.98	0.536		0.388	0.324 U	0.307	0.2 U	0.214	0.362	1.49
SILVER	NC	180	NC	1800	NC	0.12 U	0.12 U		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.815
SODIUM	NC	NC	NC	NC	NC	29.4	41.2		24.2	25.8	15.9	14	6.19	19.1	79.8
THALLIUM	2	NC	NC	NC	NC	0.512 U	1.14 U		0.279 U	0.04 U	0.661 U	0.04 U	1.19	0.04 U	1.63
TIN	NC	22000	NC	220000	NC	0.14	0.29		0.248	0.1 U	0.504	0.171	0.1 U	0.191	0.168
URANIUM	30	1.63	163	1100	NC	1.54	**6.05**		1.54	1.58	1.29	1.49	0.522	1.17	**14.6**
VANADIUM	NC	180	NC	2600	NC	4.23	8.53		3.39	1.3	1.69	1 U	1 U	1.6	11.1
ZINC	NC	11000	NC	110000	NC	406	744		2150	325	3340	1350	549	143	227
Microbiological Parameters															
PLATE COUNT	500	NC	NC	NC	NC										
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <	1 <		1 <	1 <	1 <	1 <	1 <	1 <	**200.5 > [F]**
Miscellaneous Parameters (MG/L)															
CHLORIDE	NC	NC	NC	NC	NC	45	62.6		38.4	53	46.4	38.6	9.81	47.5	95.4
FLUORIDE	4	1.5	NC	15	NC	0.373	0.642		0.36	0.392	0.407	0.362	0.2 U	0.371	1.21
NITRATE	44.3	58	NC	580	NC	10.2	**57.7 J [F]**		9.37 J	11.7 J	11.2	9.27 J	2.65 J	10.7	**84.8 J [F]**
SULFATE	NC	NC	NC	NC	NC	14.9	45.2		11.7	13	13.3	12	4.18	12.5	65.9
Field Parameters															
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.06	0	0	0.02	0.2	0.14	0.01	0.11	0.16	0.02
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	9.17	5.85	6.65	5.87	8.27	8.45	7.77	10.45	6.48	6.02
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	437	294	256	324	605	570	290	560	536	291
PH (S.U.)	NC	NC	NC	NC	NC	7.05	7.22	6.69	7.14	7.12	7.2	7.17	7.26	7.06	6.95
SALINITY (%)	NC	NC	NC	NC	NC	0	0	0.03	0	0	0	0	0.01	0.02	0.03
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	1	1.1	0.969	0.9	0.984	0.928	0.91	0.439	0.902	1.16
TEMPERATURE (C)	NC	NC	NC	NC	NC	14.18	13.75	23.54	12.07	14.65	12.95	13.35	14.86	15.58	15.92
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC	0.6	0.7								
TURBIDITY (NTU)	NC	NC	NC	NC	NC	0	23	0	16	0	2.4	5.5	0.2	0.5	0.7

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.7-3

STUDY AREA 07
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						2117	2118	2130	2150	2154	2156	EV04	EV11
Sample ID						2117TW001	2118TW001	2130TW001	2150TW001	2154TW001	2156TW001	EV04TW001	EV11TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I	PHASE I
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090331	20090331	20090402	20090423	20090428	20090504	20080708	20080714
Study Area						STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	PARCO EVA	PARCO EVA
Premise ID						6132719902152	6130003702113	6130315202113	6130311510114	6113111301102	6132723804156	NA	NA
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level													
Blank Cells indicate that parameter was not analyzed.													
Dioxins/Furans (NG/L)													
1,2,3,4,6,7,8,9-OCDD	NC	1.7	170	NC	NC	0.0044 U	0.0038 U	0.0059 U	0.0016 U	0.0032 U	0.0041 U	0.0038 U	0.0055 J
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.00058 U	0.00095 U	0.0012 U	0.0078 U	0.0018 U	0.012 U	0.0022 U	0.0011 U
1,2,3,4,6,7,8-HPCDD	NC	0.052	5.2	NC	NC	0.0019 U	0.0012 U	0.0019 U	0.0012 U	0.00075 U	0.0014 U	0.0012 U	0.0018 J
1,2,3,4,6,7,8-HPCDF	NC	0.052	5.2	NC	NC	0.00068 U	0.00088 U	0.00063 U	0.0017 U	0.0013 U	0.0028 U	0.0025 U	0.0019 J
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00029 U	0.00027 U	0.00022 U	0.00074 U	0.00056 U	0.0009 U	0.00026 J	0.000292 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00053 U	0.00022 U	0.00037 U	0.00036 J	0.00027 J	0.00048 J	0.000474 U	0.00049 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00043 J	0.00024 U	0.00024 J	0.0013 U	0.00097 U	0.0018 U	0.00036 U	0.000511 U
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00046 U	0.00029 U	0.00034 U	0.00026 U	0.00019 U	0.00055 U	0.00038 U	0.00049 J
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00046 U	0.00037 U	0.000341 U	0.00036 U	0.00027 U	0.00036 U	0.000403 U	0.00049 J
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00063 U	0.00027 U	0.00032 U	0.00036 U	0.00029 U	0.00033 J	0.00038 U	0.00054 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.00063 U	0.00066 U	0.00054 U	0.0013 U	0.00099 U	0.0005 U	0.000664 U	0.000973 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00029 U	0.00024 U	0.00032 J	0.000332 U	0.00027 J	0.00029 U	0.000332 U	0.00049 U
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.001 U	0.00037 U	0.00041 U	0.0011 U	0.00087 U	0.0011 U	0.000403 U	0.00071 J
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.0015 U	0.00027 U	0.000414 U	0.00036 U	0.00039 U	0.00038 U	0.000474 U	0.0011 UJ
TEQ	NC	0.00052	0.052	0.37	NC	0.000043	0.00027 U	0.000056	0.000036	0.000054	0.000081	0.000002	0.000349
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0019 J	0.0012 J	0.0028 J	0.0012 J	0.00075 J	0.0014 J	0.0012 J	0.0018 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.00087 J	0.0011 J	0.0012 J	0.0036 J	0.003 J	0.005 J	0.0038 J	0.003 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.00145 U	0.00086 J	0.001023 U	0.00095 J	0.00072 J	0.0014 J	0.0013 U	0.0014 J
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0018 J	0.00098 U	0.0013 J	0.002 J	0.0018 J	0.0032 J	0.001328 U	0.001947 U
TOTAL PECDD	NC	NC	NC	NC	NC	0.00063 U	0.00066 U	0.00054 U	0.0013 U	0.00099 U	0.0005 U	0.000664 U	0.000973 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.0019 J	0.00056 J	0.00085 J	0.0016 J	0.0014 J	0.0016 J	0.00081 U	0.0012 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.0023 J	0.00081 U	0.001243 U	0.0016 J	0.0012 U	0.00114 U	0.001423 U	0.003213 UJ
TOTAL TCDF	NC	NC	NC	NC	NC	0.0019 J	0.00049 J	0.0011 J	0.00071 J	0.00063 J	0.00067 J	0.000474 U	0.002044 UJ
Volatile Organics (UG/L)													
ACETONE	NC	22000	NC	220000	64000	1 U	1 U	1 U	1 U	1 U	1 U	1.67 J	1 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	**0.292 J [R]**	0.12 U
BROMOFORM	80	8.5	850	7300	NC	0.06 U	1.52	1.8	2.39	2.54	2.7	1.94	1.44
CHLORODIBROMOMETHANE	80	0.15	150	7300	NC	0.1 U	0.1 U	**0.342 J**	**0.402 J**	**0.475 J**	**0.439 J**	**0.477 J**	0.14 U
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.07 U
TOLUENE	1000	2300	NC	23000	10000	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.17 U
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Semivolatile Organics (UG/L)													
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC							1.34 U	1.36 U
Radiological Parameters (PCI/L)													
GROSS ALPHA	15	NC	NC	NC	NC	2.49 U	1.52 U	1.18 U	2.8 U	2.93 U	2.72 U	1.6 U	1.9 U
GROSS BETA	8	NC	NC	NC	NC	7.58	3.14 U	7.08	6.6	5.95	**8.7 [F]**	5.9 U	7.6
Inorganics (UG/L)													
ALUMINUM	NC	37000	NC	370000	NC	491	2.2 U	2.2 U	2.2 U	4.4	2.2 U	6.8	2.2 U
ANTIMONY	6	15	NC	150	NC	0.269	0.164	0.4	0.14 U	0.14 U	0.14 U	0.389	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**9.59 [R][C]**	**3.79 [R]**	**5.34 [R][C]**	**1.54 [R]**	**2.71 [R]**	**1.84 [R]**	**3.3 [R]**	**3.7 [R]**
BARIUM	2000	7300	NC	73000	NC	23.5	11.2	22.7	17.5	19.9	17.3	18.2	16.9
BERYLLIUM	4	73	NC	730	NC	0.0788	0.03 U	0.03 U	0.0405 U	0.0402	0.0713	0.03 U	0.03 U
CADMIUM	5	18	NC	180	NC	0.222	0.04 U	0.666	0.0646	0.0752	0.04 U	0.0848	0.04 U
CALCIUM	NC	NC	NC	NC	NC	149	83.7	124	142	126	132		
CHROMIUM	100	NC	NC	NC	NC	0.902	0.15 U	0.48	1.23	0.499	1.42	0.531	0.868
COBALT	NC	11	NC	110	NC	0.346	0.0957	0.318	0.0503	0.0676	0.0584	0.134	0.0939
COPPER	1300	1500	NC	15000	NC	147 J	216 J	232	58.2	16.6	54	241	35.6
IRON	NC	26000	NC	260000	NC	2470 J	4.7 UJ	8.2	18.3	253	92.5	9.72	4.72
LEAD	15	NC	NC	NC	NC	13.6	1.58	7.21	2.02	5.44	0.92	3.83	0.697
MAGNESIUM	NC	NC	NC	NC	NC	26.7	13.8	25	21.9	21.8	21.3		
MANGANESE	NC	880	NC	8800	NC	30	8.4	3.23	0.562	1.23	4.49	2.57	0.273
MERCURY	2	0.57	NC	5.7	0.63	0.042	0.042	0.039	0.021	0.352	0.026	0.035	0.015 U
NICKEL	NC	730	NC	7300	NC	10.2	3.38	163	1.04	8.93	0.926 U	36.2	0.961

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.7-3

STUDY AREA 07
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	2117 2117TW001 RESIDENTIAL PHASE II 20090331 STUDY AREA 07 6132719902152 PUBLIC	2118 2118TW001 RESIDENTIAL PHASE II 20090331 STUDY AREA 07 6130003702113 PUBLIC	2130 2130TW001 RESIDENTIAL PHASE II 20090402 STUDY AREA 07 6130315202113 PUBLIC	2150 2150TW001 RESIDENTIAL PHASE II 20090423 STUDY AREA 07 6130311510114 PUBLIC	2154 2154TW001 RESIDENTIAL PHASE II 20090428 STUDY AREA 07 6113111301102 PUBLIC	2156 2156TW001 RESIDENTIAL PHASE II 20090504 STUDY AREA 07 6132723804156 PUBLIC	EV04 EV04TW001 PARCO PHASE I 20080708 PARCO EVA NA PUBLIC	EV11 EV11TW001 PARCO PHASE I 20080714 PARCO EVA NA PUBLIC
Shaded cell indicates exceedances of screening level													
Blank Cells indicate that parameter was not analyzed.													
POTASSIUM	NC	NC	NC	NC	NC	7.39	2.66	4.87	7.08	6.4	7.36		
SELENIUM	50	180	NC	1800	NC	0.327	0.213	0.237	0.331	0.323	0.255	0.3	0.234
SILVER	NC	180	NC	1800	NC	0.223	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	NC	NC	NC	NC	NC	26	9.18	15.3	24.8	21.5	24.6		
THALLIUM	2	NC	NC	NC	NC	1.08	0.403	0.252 U	0.04 U	0.886	0.201	0.137 U	0.04 U
TIN	NC	22000	NC	220000	NC	1.52	0.1 U	0.1 U	0.128	0.462	0.1 U	0.161	0.1 U
URANIUM	30	1.63	163	1100	NC	**1.66**	0.773	1.05	1.28	1.5	**1.89**	1.36	1.35
VANADIUM	NC	180	NC	2600	NC	7.6	1 U	1.35	4.28	3.48	4.6	3	3.06
ZINC	NC	11000	NC	110000	NC	248	348	2200	2420	1230	65.4	574	173
Microbiological Parameters													
PLATE COUNT	500	NC	NC	NC	NC							23	0
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)													
CHLORIDE	NC	NC	NC	NC	NC	50.5	22.1	47.9	52.4	50.9	56.5	31.6	34.8
FLUORIDE	4	1.5	NC	15	NC	0.345	0.209	0.411	0.386	0.388	0.485	0.3	0.206
NITRATE	44.3	58	NC	580	NC	10	5.9	10.4	9.79	10.8	12.2	7.76	7.83
SULFATE	NC	NC	NC	NC	NC	11.6	7.46	12.6	13	12.8	15.7	12.3	10.9
Field Parameters													
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.14	0.04	0.18	0.04	0.12	0.18	0	0.1
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	8.56	9.25	8.3	5.72	6.46	6.065	6.89	7.88
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	503	498	557	304	539	597	581	574
PH (S.U.)	NC	NC	NC	NC	NC	7.05	7.48	7.03	6.95	7.13	7.14	7.3	6.83
SALINITY (%)	NC	NC	NC	NC	NC	0	0	0	0.03	0.02	0.02	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	1.04	0.68	0.96	0.946	0.927	0.891	0.96	0.99
TEMPERATURE (C)	NC	NC	NC	NC	NC	15.25	16.35	15.15	19.46	17.72	17.74	29.5	22.32
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC								
TURBIDITY (NTU)	NC	NC	NC	NC	NC	5.5	4.8	0	0	0	0		

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.7-4

STUDY AREA 07
TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)																
1,2,3,4,6,7,8,9-OCDD	1/27	--	NC	0	1.7	0	170	--	NC	--	NC	0.0055 J	0.0055 J	0.0016 - 0.0091	0.0055	0.0024
1,2,3,4,6,7,8,9-OCDF	1/27	--	NC	0	1.7	0	170	--	NC	--	NC	0.0006 J	0.0006 J	0.00032 - 0.012	0.0006	0.0011
1,2,3,4,6,7,8-HPCDD	2/27	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.0015 J	0.0018 J	0.000691 - 0.003537	0.0017	0.0009
1,2,3,4,6,7,8-HPCDF	1/27	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.0019 J	0.0019 J	0.00027 - 0.0028	0.0019	0.0005
1,2,3,4,7,8,9-HPCDF	2/27	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.00026 J	0.00038 J	0.00017 - 0.0016	0.0003	0.0002
1,2,3,4,7,8-HXCDD	4/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00027 J	0.0005 J	0.00022 - 0.0012	0.0004	0.0003
1,2,3,4,7,8-HXCDF	5/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00024 J	0.00045 J	0.00015 - 0.0018	0.0004	0.0003
1,2,3,6,7,8-HXCDD	1/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00049 J	0.00049 J	0.00019 - 0.00099	0.0005	0.0002
1,2,3,7,8,9-HXCDD	2/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00049 J	0.00063 J	0.00017 - 0.0022	0.0006	0.0003
1,2,3,7,8,9-HXCDF	3/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00019 J	0.00046 J	0.00022 - 0.0012	0.0003	0.0002
1,2,3,7,8-PECDD	1/27	--	NC	1	0.00052	0	0.052	--	NC	--	NC	0.00086 J	0.00086 J	0.00031 - 0.002	0.0009	0.0004
2,3,4,6,7,8-HXCDF	5/27	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00027 J	0.0011 J	0.000143 - 0.00049	0.0005	0.0002
2,3,4,7,8-PECDF	3/27	--	NC	0	0.0017	0	0.17	--	NC	--	NC	0.00047 J	0.00073 J	0.000191 - 0.0014	0.0006	0.0004
2,3,7,8-TCDD	4/27	0	0.03	1	0.00052	0	0.052	0	0.37	--	NC	0.000193 J	0.00073 J	0.000214 - 0.0015	0.0004	0.0003
TEQ	21/27	--	NC	2	0.00052	0	0.052	0	0.37	--	NC	0.00000018	0.00115	0.000214 - 0.0009	0.0002	0.0002
TOTAL HPCDD	25/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00075 J	0.0028 J	0.000691 - 0.003537	0.0018	0.0017
TOTAL HPCDF	25/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00036 J	0.005 J	0.00057 - 0.00063	0.0019	0.0017
TOTAL HXCDD	14/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.0006 J	0.0044 J	0.0008 - 0.002728	0.0013	0.0010
TOTAL HXCDF	16/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00065 J	0.0032 J	0.00098 - 0.004114	0.0015	0.0012
TOTAL PECDD	4/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00031 J	0.0087	0.00038 - 0.002	0.0026	0.0007
TOTAL PECDF	19/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00043 J	0.0019 J	0.00075 - 0.002737	0.0011	0.0009
TOTAL TCDD	7/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00068 J	0.0023 J	0.000643 - 0.003213	0.0014	0.0008
TOTAL TCDF	16/27	--	NC	--	NC	--	NC	--	NC	--	NC	0.00029 J	0.0019 J	0.00029 - 0.002044	0.0008	0.0006
Field Parameters																
CHLORINE (MG/L)	28/28	0	4	0	3.7	--	NC	0	37	--	NC	0	0.2	-	0.08	0.08
DISSOLVED OXYGEN (MG/L)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	3.45	10.45	-	7.59	7.59
OXIDATION REDUCTION POTENTIAL (MV)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	256	623	-	466.21	466.21
PH (S.U.)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	6.69	7.72	-	7.14	7.14
SALINITY (%)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	0	0.1	-	0.01	0.01
SPECIFIC CONDUCTANCE (MS/CM)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	0.32	1.4	-	0.90	0.90
TEMPERATURE (C)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	11.77	29.5	-	16.35	16.35
TOTAL DISSOLVED SOLIDS	4/4	--	NC	--	NC	--	NC	--	NC	--	NC	0	0.7	-	0.48	0.48
TURBIDITY (NTU)	24/24	--	NC	--	NC	--	NC	--	NC	--	NC	0	24	-	4.56	4.56
Inorganics (UG/L)																
ALUMINUM	14/27	--	NC	0	37000	--	NC	0	370000	--	NC	2.5	491	2.2 - 2.2	47.0	24.9
ANTIMONY	14/27	0	6	0	15	--	NC	0	150	--	NC	0.145	1.07	0.14 - 0.14	0.3	0.2
ARSENIC	27/27	0	10	27	0.045	14	4.5	0	110	--	NC	1.54	9.59	-	4.5	4.5
BARIUM	27/27	0	2000	0	7300	--	NC	0	73000	--	NC	4.71	23.5	-	16.1	16.1
BERYLLIUM	9/27	0	4	0	73	--	NC	0	730	--	NC	0.0402	0.269	0.03 - 0.0405	0.1	0.0
CADMIUM	12/27	0	5	0	18	--	NC	0	180	--	NC	0.0585	0.666	0.04 - 0.04	0.2	0.1
CALCIUM	24/24	--	NC	--	NC	--	NC	--	NC	--	NC	46.8	149	-	118.0	118.0
CHROMIUM	18/27	0	100	--	NC	--	NC	--	NC	--	NC	0.229	48.4	0.15 - 1.23	3.5	2.4
COBALT	24/27	--	NC	0	11	--	NC	0	110	--	NC	0.0503	0.978	0.03 - 0.125	0.2	0.2
COPPER	27/27	0	1300	0	1500	--	NC	0	15000	--	NC	6.3	528	-	130.9	130.9
IRON	24/27	--	NC	0	26000	--	NC	0	260000	--	NC	4.72	2470 J	4.7 - 4.7	189.3	168.5
LEAD	27/27	0	15	--	NC	--	NC	--	NC	--	NC	0.272	13.6	-	3.6	3.6
MAGNESIUM	24/24	--	NC	--	NC	--	NC	--	NC	--	NC	6.34	33.1	-	21.6	21.6
MANGANESE	26/27	--	NC	0	880	--	NC	0	8800	--	NC	0.273	96.5	0.1 - 0.1	11.8	11.4
MERCURY	21/27	0	2	0	0.57	--	NC	0	5.7	0	0.63	0.016	0.352	0.015 - 0.015	0.1	0.0
NICKEL	25/27	--	NC	0	730	--	NC	0	7300	--	NC	0.384	163	0.555 - 0.926	32.1	29.8
POTASSIUM	24/24	--	NC	--	NC	--	NC	--	NC	--	NC	0.81	41.7	-	8.6	8.6
SELENIUM	23/27	0	50	0	180	--	NC	0	1800	--	NC	0.213	1.49	0.2 - 0.324	0.4	0.4
SILVER	2/27	--	NC	0	180	--	NC	0	1800	--	NC	0.223	0.815	0.12 - 0.12	0.5	0.1
SODIUM	23/24	--	NC	--	NC	--	NC	--	NC	--	NC	4.14	79.8	3.18 - 3.18	26.2	25.2
THALLIUM	7/27	0	2	--	NC	--	NC	--	NC	--	NC	0.201	1.63	0.04 - 1.14	0.8	0.3
TIN	16/27	--	NC	0	22000	--	NC	0	220000	--	NC	0.108	1.52	0.1 - 0.1	0.4	0.3
URANIUM	27/27	0	30	10	1.63	0	163	0	1100	--	NC	0.296	14.6	-	2.3	2.3
VANADIUM	21/27	--	NC	0	180	--	NC	0	2600	--	NC	1.07	11.1	1 - 6.23	3.9	3.3
ZINC	27/27	--	NC	0	11000	--	NC	0	110000	--	NC	23.5	3340	-	813.4	813.4
Microbiological Parameters																
PLATE COUNT (CFU/1)	1/2	0	500	--	NC	--	NC	--	NC	--	NC	23	23	0 - 0	23.0	11.5
TOTAL COLIFORM (CFU/100)	2/27	2	0	--	NC	--	NC	--	NC	--	NC	200.5 >	200.5 >	1 - 1	200.5	15.3

NC-No Criteria
J-Estimated value

TABLE 3.7-4

STUDY AREA 07
TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Miscellaneous Parameters (MG/L)																
CHLORIDE	27/27	--	NC	--	NC	--	NC	--	NC	--	NC	5.7	131	-	47.98	47.98
FLUORIDE	24/27	0	4	--	1.5	--	NC	--	15	--	NC	0.206	1.21	0.2 - 0.2	0.42	0.39
NITRATE	27/27	2	44.3	1	58	--	NC	0	580	--	NC	2.41	84.8 J	-	14.07	14.07
SULFATE	27/27	--	NC	--	NC	--	NC	--	NC	--	NC	2.72	65.9	-	16.21	16.21
Semivolatile Organics (UG/L)																
BIS(2-ETHYLHEXYL)PHTHALATE	1/14	0	6	0	4.8	0	480	0	7300	--	NC	1.47 J	1.47 J	1.32 - 2.35	1.470	0.770
Volatile Organics (UG/L)																
ACETONE	1/27	--	NC	0	22000	--	NC	0	220000	0	64000	1.67 J	1.67 J	1 - 1	1.67	0.54
BROMODICHLOROMETHANE	4/27	0	80	4	0.12	0	12	0	7300	--	NC	0.159 J	0.292 J	0.1 - 0.12	0.22	0.08
BROMOFORM	22/27	0	80	0	8.5	0	850	0	7300	--	NC	0.676 J	3.98	0.06 - 0.06	2.64	2.16
CHLORODIBROMOMETHANE	19/27	0	80	19	0.15	0	15	0	7300	--	NC	0.282 J	1.73	0.1 - 0.14	0.68	0.49
CHLOROFORM	2/27	0	80	1	0.19	0	19	0	1300	1	0.21	0.143 J	0.373	0.09 - 0.09	0.26	0.06
TETRACHLOROETHENE	5/27	0	5	4	0.11	0	11	0	2200	0	0.82	0.104 J	0.805 J	0.07 - 0.1	0.34	0.10
TOLUENE	1/27	0	1000	0	2300	--	NC	0	23000	0	10000	0.839 J	0.839 J	0.1 - 0.17	0.84	0.09
TRICHLOROETHENE	1/27	0	5	0	2	0	200	--	NC	0	2.4	0.33 J	0.33 J	0.13 - 0.13	0.33	0.07
Radiological Parameters (PCI/L)																
GROSS ALPHA	3/27	0	15	--	NC	--	NC	--	NC	--	NC	1.9	9.05	1.1 - 2.93	4.82	1.36
GROSS BETA	19/27	8	8	--	NC	--	NC	--	NC	--	NC	4.91	37.5	3.14 - 5.9	10.89	8.40

NC-No Criteria
J-Estimated value

TABLE 3.7-5

STUDY AREA 07
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0104	0459	1633	1749	1810	2023	2077
Sample ID		0104SS0010006	0459SS0010006	1633SS0010006	1749SS0010006	1810SS0010006	2023SS0010006	2077SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090127	20090116	20081203	20090124	20090123	20090109	20090205
Study Area		STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07
Premise ID		6322560201502	6132216806117	6129403042071	6130609502010	6354507102147	6113361002162	6130306904204
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level								
Dioxins/Furans (NG/KG)								
1,2,3,4,6,7,8,9-OCDD	15000	19	47	340	2.1 U	14	140	14 J
1,2,3,4,6,7,8,9-OCDF	15000	1.1 U	3 J	4.9 J	0.4 U	0.86 U	4.8 J	1.5 J
1,2,3,4,6,7,8-HPCDD	450	3.3 J	6.6	15	0.51 U	2.3 J	16	3.1 J
1,2,3,4,6,7,8-HPCDF	450	1.4 U	2.4 J	1.2 J	0.44 U	1.1 U	7.9	1.7 J
1,2,3,4,7,8,9-HPCDF	450	0.19 J	0.17 J	0.086 U	0.072 J	0.13 J	0.66 J	0.21 J
1,2,3,4,7,8-HXCDD	45	0.077 U	0.32 U	0.068 J	0.045153 U	0.083 U	0.34 U	0.13 U
1,2,3,4,7,8-HXCDF	45	0.72 J	1.1 J	0.27 J	0.17 U	0.49 J	1.6 J	1 J
1,2,3,6,7,8-HXCDD	45	0.24 U	0.33 U	0.24 U	0.099 U	0.13 U	0.99 J	0.28 J
1,2,3,6,7,8-HXCDF	45	0.33 J	0.72 J	0.13 J	0.096 U	0.16 U	1.2 J	0.49 J
1,2,3,7,8,9-HXCDD	45	0.091 U	0.28 J	0.21 U	0.072 U	0.09 U	0.59 U	0.17 U
1,2,3,7,8-PECDD	4.5	0.077126 U	0.47 J	0.1 J	0.06 U	0.070079 U	0.43 U	0.154912 U
1,2,3,7,8-PECDF	150	0.41 J	1.2	0.15 U	0.093 U	0.2 U	2.2	0.93 J
2,3,4,6,7,8-HXCDF	45	0.36 J	0.79 J	0.17 U	0.12 U	0.16 U	1.4 J	0.5 J
2,3,4,7,8-PECDF	15	0.38 U	0.69 J	0.23 U	0.14 U	0.19 U	1.5	0.71 J
2,3,7,8-TCDD	4.5	0.12 J	0.12 U	0.048 U	0.051174 U	0.095107 U	0.15 U	0.13 U
2,3,7,8-TCDF	45	0.48 U	0.68 J	0.21 U	0.23 U	0.46 U	1.8	0.8 J
TEQ	4.5	0.3139	1.1767	0.41227	0.00072	0.0775	1.50404	0.60265
TOTAL HPCDD	NC	6.1 J	13	31	0.87 J	3.7 J	30	6.1 J
TOTAL HPCDF	NC	3.4 J	4.9 J	6.1 J	0.76 J	3.1 J	19 J	3.6 J
TOTAL HXCDD	NC	3.3 J	6.7 J	2.2 J	0.82 J	1.6 J	12 J	6.2 J
TOTAL HXCDF	NC	5.1 J	9.2 J	10 J	0.93 J	3 J	19 J	6.5 J
TOTAL PECDD	NC	3.2 J	1.8 J	0.3 J	0.6 J	0.070079 U	7.9	8.5
TOTAL PECDF	NC	5.8 J	11 J	2.6 J	0.65 J	1.5 J	25	9 J
TOTAL TCDD	NC	3.1	3.8	1.5 J	1.1 J	0.74 J	5.6	8.7
TOTAL TCDF	NC	8.1 J	8.1 J	3.2 J	1.7 J	2 J	22	13 J
Volatile Organics (MG/KG)								
2-BUTANONE	28000	0.00254 U	0.0024 U	0.00251 U	0.00266 U	0.00242 U	0.00277 U	0.00448 J
4-ISOPROPYLTOLUENE	NC	0.0176	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
ACETONE	61000	0.00817 U	0.00774 U	0.00809 U	0.00856 J	0.00781 U	0.00891 U	0.00852 J
CHLOROBENZENE	290	0.000282 U	0.00035 J	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
TOLUENE	5000	0.000704 U	0.0112	0.000698 U	0.00137 J	0.000789 J	0.0277	0.000734 U
Semivolatile Organics (MG/KG)								
1,1-BIPHENYL	3900	0.0229 U	0.0199 U	0.015 U	0.0218 U	0.0391 J	0.023 U	0.022 U
2,4,5-TRICHLOROPHENOL	6100	0.188 UJ	0.163 U	0.123 U	0.179 U	0.164 J	0.189 UJ	0.18 U
2,4,6-TRICHLOROPHENOL	44	0.101 UJ	0.0876 U	0.0659 U	0.0959 U	0.129 J	0.101 UJ	0.0968 U
2,4-DICHLOROPHENOL	180	0.118 UJ	0.102 U	0.0768 U	0.112 U	0.181 J	0.118 UJ	0.113 U
2,4-DIMETHYLPHENOL	1200	0.226 UJ	0.196 U	0.148 U	0.215 U	0.198 J	0.227 UJ	0.217 U
2,6-DICHLOROPHENOL	NC	0.0717 UJ	0.0624 U	0.0469 U	0.0683 U	0.162 J	0.0721 UJ	0.0689 U
2-CHLORONAPHTHALENE	6300	0.0122 U	0.0106 U	0.00798 U	0.0116 U	0.0384 J	0.0123 U	0.0117 U
2-CHLOROPHENOL	390	0.0763 UJ	0.0664 U	0.0499 U	0.0727 U	0.069 J	0.0767 J	0.0733 U

Shaded cell indicates exceedance of a screening level
J-Estimated value
U-Not detected at that value
[R]-Exceeds Tap Water RSL

TABLE 3.7-5

STUDY AREA 07
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0104	0459	1633	1749	1810	2023	2077
Sample ID		0104SS0010006	0459SS0010006	1633SS0010006	1749SS0010006	1810SS0010006	2023SS0010006	2077SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090127	20090116	20081203	20090124	20090123	20090109	20090205
Study Area		STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07
Premise ID		6322560201502	6132216806117	6129403042071	6130609502010	6354507102147	6113361002162	6130306904204
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level								
2-METHYLNAPHTHALENE	310	0.0259 U	0.0226 U	0.017 U	0.0247 U	0.039 J	0.0261 U	0.0249 U
2-METHYLPHENOL	3100	0.153 UJ	0.133 U	0.0998 U	0.145 U	0.134 J	0.153 UJ	0.147 U
2-NITROPHENOL	NC	0.0961 UJ	0.0836 U	0.0629 U	0.0915 U	0.0842 J	0.0966 UJ	0.0924 U
3&4-METHYLPHENOL	NC	0.175 UJ	0.153 U	0.115 U	0.167 U	0.337	0.176 UJ	0.169 U
4-CHLORO-3-METHYLPHENOL	NC	0.134 UJ	0.117 U	0.0878 U	0.128 U	0.122 J	0.135 UJ	0.129 U
ACENAPHTHENE	3400	0.0153 U	0.0133 U	0.00998 U	0.0145 U	0.0312 J	0.0153 U	0.0147 U
BAP EQUIVALENT	0.015	0.0259 U	0.0226 U	0.017 U	0.0247 U	0.0227 U	0.008455	0.0249 U
BENZO(A)ANTHRACENE	0.15	0.0244 U	0.0212 U	0.016 U	0.0232 U	0.0214 U	0.0336 J	0.0235 U
BENZO(B)FLUORANTHENE	0.15	0.0305 U	0.0265 U	0.02 U	0.0291 U	0.0267 U	0.0453 J	0.0293 U
BENZO(K)FLUORANTHENE	1.5	0.0275 U	0.0239 U	0.018 U	0.0262 U	0.0241 U	0.0511 J	0.0264 U
CHRYSENE	15	0.0198 U	0.0173 U	0.013 U	0.0189 U	0.0174 U	0.0545 J	0.0191 U
DI-N-BUTYL PHTHALATE	6100	0.0656 U	0.0571 U	0.0429 U	0.0625 J	0.0575 J	0.0659 J	0.063 U
DIBENZOFURAN	78	0.0153 U	0.0133 U	0.00998 U	0.0145 U	0.0256 J	0.0153 U	0.0147 U
FLUORANTHENE	2300	0.029 U	0.0252 U	0.019 U	0.0276 U	0.0254 U	0.0657 J	0.0279 U
O-TOLUIDINE	NC	0.0275 U	0.0239 U	0.018 U	0.0262 U	0.0416 J	0.0276 U	0.0264 U
PENTACHLOROBENZENE	49	0.0427 U	0.0372 U	0.0279 U	0.0407 U	0.0374 J	0.0429 U	0.041 U
PYRENE	1700	0.0275 U	0.0239 U	0.018 U	0.0262 U	0.0241 U	0.0543 J	0.0264 U
Inorganics (MG/KG)								
ALUMINUM	77000	37400	63100	64100	66700	46800	24500	41900
ANTIMONY	31	0.617	0.79	0.536	0.656	0.463	1.09	0.489
ARSENIC	0.39	**15.8 [R]**	**18.6 [R]**	**15.9 [R]**	**16.1 [R]**	**12.4 [R]**	**9.27 [R]**	**12.6 [R]**
BARIUM	15000	247	462	578	640	496	269	400
BERYLLIUM	160	4.41	7.22	6.72	6.81	4.84	2.71	5.47
CADMIUM	70	0.148	1.02	0.346	0.166	0.218	0.436	0.107
CHROMIUM	120000	5.33	7.87	6	4.25	10.6	5.48	4.62
COBALT	23	5.73	8.8	7.43	7.66	10.6	3.84	5.87
COPPER	3100	31.2	47	53.3	22.7	61.7	37.1	23.7
IRON	55000	19500	29100	30100	30300	25500	12500	21700
LEAD	400	48.7	60.8	49.2	44.8	36.1	142	36.8
MANGANESE	1800	643	1290	962	850	664	432	677
MERCURY	5.6	0.0987 U	0.106 U	0.105 U	0.105 U	0.103 U	0.397	0.107 U
NICKEL	1500	5.42	8.38	7.29	5.32	11.7	4.89	4.75
SELENIUM	390	0.142	0.718	0.197 U	0.147	0.214	0.577	0.111
SILVER	390	0.168	0.279	0.18	0.121	0.114	0.369	0.101 U
THALLIUM	NC	1.37 U	3.95	0.754	1.76 U	1.87 U	4.51	1.04
TIN	47000	2.65	4.44	3.54	3.5	2.04	15.2	2.72
VANADIUM	390	36.8	55	54	44.1	63.2	27.6	38.6
ZINC	23000	64.4	90.8	83.4	62.2	85.1	115	50.9

Shaded cell indicates exceedance of a screening level
J-Estimated value
U-Not detected at that value
[R]-Exceeds Tap Water RSL

TABLE 3.7-6

STUDY AREA 07
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/KG)								
1,2,3,4,6,7,8,9-OCDD	6/7	0	15000	14 J	340	2.1 - 2.1	95.67	82.15
1,2,3,4,6,7,8,9-OCDD	6/7	0	15000	14	340	2.1 - 2.1	95.67	82.15
1,2,3,4,6,7,8,9-OCDF	4/7	0	15000	1.5 J	4.9 J	0.4 - 1.1	3.55	2.20
1,2,3,4,6,7,8-HPCDD	6/7	0	450	2.3 J	16	0.51 - 0.51	7.72	6.65
1,2,3,4,6,7,8-HPCDF	4/7	0	450	1.2 J	7.9	0.44 - 1.4	3.30	2.10
1,2,3,4,7,8,9-HPCDF	6/7	0	450	0.072 J	0.66 J	0.086 - 0.086	0.24	0.21
1,2,3,4,7,8-HXCDD	1/7	0	45	0.068 J	0.068 J	0.045153 - 0.34	0.07	0.08
1,2,3,4,7,8-HXCDF	6/7	0	45	0.27 J	1.6 J	0.17 - 0.17	0.86	0.75
1,2,3,6,7,8-HXCDD	2/7	0	45	0.28 J	0.99 J	0.099 - 0.33	0.64	0.26
1,2,3,6,7,8-HXCDF	5/7	0	45	0.13 J	1.2 J	0.096 - 0.16	0.57	0.43
1,2,3,7,8,9-HXCDD	1/7	0	45	0.28 J	0.28 J	0.072 - 0.59	0.28	0.13
1,2,3,7,8-PECDD	2/7	0	4.5	0.1 J	0.47 J	0.06 - 0.43	0.29	0.14
1,2,3,7,8-PECDF	4/7	0	150	0.41 J	2.2	0.093 - 0.2	1.19	0.71
2,3,4,6,7,8-HXCDF	4/7	0	45	0.36 J	1.4 J	0.12 - 0.17	0.76	0.47
2,3,4,7,8-PECDF	3/7	0	15	0.69 J	1.5	0.14 - 0.38	0.97	0.48
2,3,7,8-TCDD	1/7	0	4.5	0.12 J	0.12 J	0.048 - 0.15	0.12	0.06
2,3,7,8-TCDF	3/7	0	45	0.68 J	1.8	0.21 - 0.48	1.09	0.57
TEQ	7/7	0	4.5	0.00072	1.50404	-	0.58	0.58
TOTAL HPCDD	7/7	--	NC	0.87 J	31	-	12.97	12.97
TOTAL HPCDF	7/7	--	NC	0.76 J	19 J	-	5.84	5.84
TOTAL HXCDD	7/7	--	NC	0.82 J	12 J	-	4.69	4.69
TOTAL HXCDF	7/7	--	NC	0.93 J	19 J	-	7.68	7.68
TOTAL PECDD	6/7	--	NC	0.3 J	8.5	0.070079 - 0.070079	3.72	3.19
TOTAL PECDF	7/7	--	NC	0.65 J	25	-	7.94	7.94
TOTAL TCDD	7/7	--	NC	0.74 J	8.7	-	3.51	3.51
TOTAL TCDF	7/7	--	NC	1.7 J	22	-	8.30	8.30
Inorganics (MG/KG)								
ALUMINUM	7/7	0	77000	24500	66700	-	49214.3	49214.3
ANTIMONY	7/7	0	31	0.463	1.09	-	0.7	0.7
ARSENIC	7/7	7	0.39	9.27	18.6	-	14.4	14.4
BARIUM	7/7	0	15000	247	640	-	441.7	441.7
BERYLLIUM	7/7	0	160	2.71	7.22	-	5.5	5.5
CADMIUM	7/7	0	70	0.107	1.02	-	0.3	0.3
CHROMIUM	7/7	0	120000	4.25	10.6	-	6.3	6.3
COBALT	7/7	0	23	3.84	10.6	-	7.1	7.1
COPPER	7/7	0	3100	22.7	61.7	-	39.5	39.5
IRON	7/7	0	55000	12500	30300	-	24100.0	24100.0
LEAD	7/7	0	400	36.1	142	-	59.8	59.8
MANGANESE	7/7	0	1800	432	1290	-	788.3	788.3
MERCURY	1/7	0	5.6	0.397	0.397	0.0987 - 0.107	0.4	0.1
NICKEL	7/7	0	1500	4.75	11.7	-	6.8	6.8
SELENIUM	6/7	0	390	0.111	0.718	0.197 - 0.197	0.3	0.3

NC-No Criteria
J-Estimated value

TABLE 3.7-6

STUDY AREA 07
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
SILVER	6/7	0	390	0.114	0.369	0.101 - 0.101	0.2	0.2
THALLIUM	4/7	0	NC	0.754	4.51	1.37 - 1.87	2.6	1.8
TIN	7/7	0	47000	2.04	15.2	-	4.9	4.9
VANADIUM	7/7	0	390	27.6	63.2	-	45.6	45.6
ZINC	7/7	0	23000	50.9	115	-	78.8	78.8
Semivolatile Organics (MG/KG)								
1,1-BIPHENYL	1/7	0	3900	0.0391 J	0.0391 J	0.015 - 0.023	0.039	0.014
2,4,5-TRICHLOROPHENOL	1/7	0	6100	0.164 J	0.164 J	0.123 - 0.189	0.164	0.096
2,4,6-TRICHLOROPHENOL	1/7	0	44	0.129 J	0.129 J	0.0659 - 0.101	0.129	0.058
2,4-DICHLOROPHENOL	1/7	0	180	0.181 J	0.181 J	0.0768 - 0.118	0.181	0.072
2,4-DIMETHYLPHENOL	1/7	0	1200	0.198 J	0.198 J	0.148 - 0.227	0.198	0.116
2,6-DICHLOROPHENOL	1/7	--	NC	0.162 J	0.162 J	0.0469 - 0.0721	0.162	0.051
2-CHLORONAPHTHALENE	1/7	0	6300	0.0384 J	0.0384 J	0.00798 - 0.0123	0.038	0.010
2-CHLOROPHENOL	2/7	0	390	0.069 J	0.0767 J	0.0499 - 0.0763	0.073	0.045
2-METHYLNAPHTHALENE	1/7	0	310	0.039 J	0.039 J	0.017 - 0.0261	0.039	0.016
2-METHYLPHENOL	1/7	0	3100	0.134 J	0.134 J	0.0998 - 0.153	0.134	0.078
2-NITROPHENOL	1/7	--	NC	0.0842 J	0.0842 J	0.0629 - 0.0966	0.084	0.049
3&4-METHYLPHENOL	1/7	--	NC	0.337	0.337	0.115 - 0.176	0.337	0.116
4-CHLORO-3-METHYLPHENOL	1/7	--	NC	0.122 J	0.122 J	0.0878 - 0.135	0.122	0.070
ACENAPHTHENE	1/7	0	3400	0.0312 J	0.0312 J	0.00998 - 0.0153	0.031	0.010
BAP EQUIVALENT	1/7	0	0.015	0.0084555	0.0084555	0.017 - 0.0259	0.008	0.011
BENZO(A)ANTHRACENE	1/7	0	0.15	0.0336 J	0.0336 J	0.016 - 0.0244	0.034	0.014
BENZO(B)FLUORANTHENE	1/7	0	0.15	0.0453 J	0.0453 J	0.02 - 0.0305	0.045	0.018
BENZO(K)FLUORANTHENE	1/7	0	1.5	0.0511 J	0.0511 J	0.018 - 0.0275	0.051	0.018
CHRYSENE	1/7	0	15	0.0545 J	0.0545 J	0.013 - 0.0198	0.055	0.015
DI-N-BUTYL PHTHALATE	3/7	0	6100	0.0575 J	0.0659 J	0.0429 - 0.0656	0.062	0.043
DIBENZOFURAN	1/7	--	78	0.0256 J	0.0256 J	0.00998 - 0.0153	0.026	0.010
FLUORANTHENE	1/7	0	2300	0.0657 J	0.0657 J	0.019 - 0.029	0.066	0.020
O-TOLUIDINE	1/7	--	NC	0.0416 J	0.0416 J	0.018 - 0.0276	0.042	0.017
PENTACHLOROBENZENE	1/7	0	49	0.0374 J	0.0374 J	0.0279 - 0.0429	0.037	0.022
PYRENE	1/7	0	1700	0.0543 J	0.0543 J	0.018 - 0.0275	0.054	0.018
Volatile Organics (MG/KG)								
2-BUTANONE	1/7	0	28000	0.00448 J	0.00448 J	0.0024 - 0.00277	0.004	0.002
4-ISOPROPYLTOLUENE	1/7	--	NC	0.0176	0.0176	0.000267 - 0.000307	0.018	0.003
ACETONE	2/7	0	61000	0.00852 J	0.00856 J	0.00774 - 0.00891	0.009	0.005
CHLOROBENZENE	1/7	0	310	0.00035 J	0.00035 J	0.000269 - 0.000307	0.00035	0.00017
TOLUENE	4/7	0	5000	0.000789 J	0.0277	0.000698 - 0.000734	0.010	0.006

NC-No Criteria
J-Estimated value

TABLE 3.8-1

STUDY AREA 08
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0120	0227	0266	0290	0302	0333	0376	0393	0419	0460	0488	0502	0512	0525	1742
Sample ID		0120SG001	0227SG001	0266SG001	0290SG001	0302SG001	0333SG001	0376SG001	0393SG001	0419SG001	0460SG001	0488SG001	0502SG001	0512SG001	0525SG001	1742SG001
Residential / Government	RBL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090204	20090131	20090110	20090212	20090323	20081216	20090216	20090205	20090207	20090318	20090703	20090212	20090610	20090202	20090323
Study Area		STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID		6129400602082	6312226602055	6132208002123	6132136112223	6132238012298	6132241001150	6132205414013	6132216806021	6132201802025	6132205502178	6129420604112	6129418202036	6129403202087	6129414806036	6130603714122
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																
Volatile Organics (UG/M3)																
1,1,1-TRICHLOROETHANE	52000	0.15 U	0.15 U	0.202 J	0.15 U	2.11	0.152 J	0.15 U	0.15 U	0.15 U	0.15 U	0.258 J	0.15 U	0.245 J	0.15 U	0.381
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	**0.903 J [R]**	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	1.5	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.909	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.669	0.772 J	0.67	0.769	1.03	0.815 J	0.793	0.55	0.677	0.468	1.05	0.724	0.854	0.671 J	0.731
1,2,3-TRICHLOROBENZENE	NC	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	1.91 J	0.4 U	0.4 U	0.4 U	0.4 U	0.927 J	0.4 U
1,2,4-TRICHLOROBENZENE	21	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	1.1	0.19 U	4.01 J	0.19 U	2.25	0.19 U	0.761 U	0.19 U	0.19 U
1,2,4-TRIMETHYLBENZENE	73	8.19	0.75 J	0.235	0.05 U	0.05 U	32.5 J	1.09	3.41	0.467 J	1.35	4.31	1.08	4.94	14.8 J	2.7
1,2-DICHLOROBENZENE	2100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.176 J	0.1 U	0.24	0.1 U	1.03	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	**3.03 [R]**	1.34 J	1	0.09 U	1.58	1.12 J	0.31	0.09 U	0.09 U	0.09 U	0.09 U	**11.5 [R]**	0.09 U	0.09 U	**3 [R]**
1,2-DICHLOROTETRAFLUOROETHANE	NC	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	4.46	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	NC	1.65	0.24 J	0.05 U	0.05 U	0.05 U	9.33 J	0.378	1.51	0.185 J	0.421	1.85	0.219	1.4	4.53 J	0.05 U
1,3-BUTADIENE	0.81	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 UJ	0.49 U	0.49 U	0.49 U	0.49 U	0.703 J	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	NC	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.131 J	0.09 U	0.09 U	0.09 U	0.958	0.09 U	0.222	0.09 U	0.09 U
1,4-DICHLOROBENZENE	2.2	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.528	0.09 U	0.09 U	0.09 U	1.04	0.09 U	0.24	0.09 U	0.09 U
2-BUTANONE	52000	6.64	16.9 J	2.12	1.68	2.12	19.2 J	6.57	7.17	1.09	11.3	16.7	1.29	5.84	0.33 U	0.861
ACETONE	320000	72.8	72.9 J	17	10.2	16.1	98.8 J	71.9	66	8 J	93.9	54.5	13.9	35.4	8200 J	8.01
ACETONITRILE	630	0.753 J	1.2 J	0.421 J	0.38 U	0.545 J	0.38 UJ	1.11	1.17	0.38 UJ	0.777 J	0.47 J	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 UJ	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.26 J	1.02 U	1.02 U
ACROLEIN	0.21	**0.554 J [R]**	**1.81 J [R]**	**0.954 [R]**	**0.966 [R]**	0.41 U	0.41 UJ	0.41 U	**0.642 J [R]**	**0.434 J [R]**	**2.66 [R]**	0.41 U	**0.807 J [R]**	**2.59 [R]**	0.41 U	**3.37 [R]**
ACRYLONITRILE	0.36	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.275 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	3.1	2	2.8 J	1	0.354	1.26	**14.4 J [R]**	**6.93 [R]**	**8.09 [R]**	0.263	**3.77 [R]**	**16.4 [R]**	0.542	**3.46 [R]**	**451 J [R]**	**3.46 [R]**
BROMODICHLOROMETHANE	0.66	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOMETHANE	52	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	1.02	0.07 U	0.07 U
CARBON DISULFIDE	7300	0.834	3.59 J	1.21	0.28	2.7	1.53 J	1.98	1.28	0.245	6.11	1.75	11.3	0.667	1.43 J	1.74
CARBON TETRACHLORIDE	1.6	0.22 J	0.296 J	0.234 J	0.13 U	0.13 U	0.13 UJ	0.221 J	0.244 J	0.13 U	0.13 U	0.196 U	0.449	0.306	0.206 J	0.13 U
CHLOROBENZENE	520	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	1.48 J	0.04 U	0.04 U	0.04 U	0.04 U	0.552	0.04 U	0.143 J	0.04 U	0.04 U
CHLOROFORM	1.1	0.558	**4.14 J [R]**	0.43	0.957	0.391	0.11 UJ	0.32	**5.78 [R]**	**2.71 [R]**	0.923	**2.05 [R]**	0.22 J	0.11 U	0.11 U	0.398
CHLOROMETHANE	940	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 UJ	0.183 J	0.529	0.287	0.509	0.07 U	0.07 U
CYCLOHEXANE	63000	0.449	0.557 J	0.11 U	0.11 U	0.271	5.78 J	1.15	0.481	0.11 U	0.76	2.28	0.11 U	0.776	486 J	0.971
DIBROMOMETHANE	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.267 J	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	2.25	3.35 J	3.2	5.67	2.54	4.97 J	2.5	2.25	4.31	2.28	5.09	2.62	2.91	0.453 J	4.8
ETHYLBENZENE	9.7	**11.7 [R]**	1.13 J	0.443	0.276	7.76	**14.4 J [R]**	0.605	4.1	0.255	1.4	2.66	0.03 U	**111 [R]**	**58.2 J [R]**	**25.6 [R]**
HEXACHLOROBUTADIENE	1.1	0.325 J	0.256 J	0.364 J	0.24 U	0.24 U	0.406 J	**1.4 [R]**	0.24 U	0.478 J	0.24 U	**2.39 [R]**	0.24 U	0.624 U	0.24 U	0.24 U
HEXANE	7300	1.83	3.15 J	0.193 J	0.238 J	0.631	19.4 J	1.92	0.829	0.172 J	1.04	5.07	0.336 J	2.41	**8870 J [R]**	2.39
ISOBUTANOL	NC	0.666 J	13.1 J	0.46 U	0.46 U	0.46 U	1.29 J	0.46 U	0.46 U	0.46 U	0.632 J	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	4200	0.07 U	0.07 U	0.07 U	0.07 U	0.251	2.98 J	0.07 U	0.07 U	0.07 U	0.204	0.07 U	0.07 U	1.92	5.24 J	0.07 U
M+P-XYLENES	7300	8.67	1.28 J	0.444	0.479	5.08	18.9 J	2.19	3.13	0.574	2.21	8.34	0.453	64.9	144 J	16.7
METHYL ACETATE	NC	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U	0.545	0.27 U	0.27 U	0.634	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	0.937	0.08 U	0.151 J	0.08 U	0.63	14.9 J	2.06	0.735	0.08 U	1.27	4.72	0.08 U	0.955	434 J	2.18
METHYL TERT-BUTYL ETHER	94	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.824
METHYLENE CHLORIDE	52	0.08 U	0.08 U	0.773	0.08 U	0.248	0.168 J	0.103 J	0.192 J	0.08 U	0.08 U	0.08 U	0.08 U	1.45	0.08 U	0.08 U
O-XYLENE	7300	4.66	0.709 J	0.225	0.295	0.06 U	13 J	1.09	1.84	0.274	0.06 U	3.74	0.249	31	58 J	0.06 U
STYRENE	10000	2.5	0.266 J	0.881	1.47	50.4	2.9 J	0.282	61.2	1.3	6.31	0.07 U	0.07 U	269	113 J	190
TETRACHLOROETHENE	4.1	3.47	**38.4 J [R]**	**19.1 [R]**	**6.07 [R]**	**39.6 [R]**	**151 J [R]**	**16.8 [R]**	**5.04 [R]**	**66 [R]**	**72 [R]**	3.93	3.68	**17.9 [R]**	**5.84 J [R]**	**5.53 [R]**
TOLUENE	52000	10.7	6.11 J	1.86	0.73	4.52	25.3 J	8.78	8.36	0.719	4.11	14.9	0.983	6.87	517 J	29.9
TRICHLOROETHENE	12	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.08 U	0.41	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	7300	1.29	1.94 J	11.1	5.6	4.52	17.3 J	2.08	81.8	3.15	22.5	16.6	1.65	3.3	4.49 J	4.41

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[R]-Exceeds Tap Water RSL

TABLE 3.8-1

STUDY AREA 08
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1827	1835	1846	1847	1857	1859	1865	1874	1897	1899	2018	2032	2074	2075
Sample ID		1827SG001	1835SG001	1846SG001	1847SG001	1857SG001	1859SG001	1865SG001	1874SG001	1897SG001	1899SG001	2018SG001	2032SG001	2074SG001	2075SG001
Residential / Government	RBL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090211	20090210	20090209	20090209	20090318	20090320	20090206	20090205	20090206	20090205	20090210	20090314	20090206	20090122
Study Area		STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID		6132540002297	6129420604033	6132529210191	6132230802090	6130611600122	6129412404135	6132237202041	6129418204130	6132511242106	6132200299107	6132205502255	6132238012339	6132515102054	6132511222105
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level															
Volatile Organics (UG/M3)															
1,1,1-TRICHLOROETHANE	52000	0.389	0.997	0.432	0.233 J	0.633	0.15 U	0.352	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.198 J	1.08 J
1,1,2,2-TETRACHLOROETHANE	0.42	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ
1,1,2-TRICHLOROETHANE	1.5	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 UJ
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.755	1.23	1.24	0.706	1.61	0.08 U	0.882	0.577	0.08 U	0.53	0.986	0.08 U	0.738	1.78 J
1,2,3-TRICHLOROBENZENE	NC	0.4 UR	0.4 UR	2.53 J	0.4 UR	0.4 U	0.4 U	5 J	0.4 U	6.11 J	0.4 U	0.4 UR	0.4 U	5.6 J	0.4 UR
1,2,4-TRICHLOROBENZENE	21	0.19 UJ	0.19 UJ	1.78 J	0.19 U	0.19 U	0.19 U	6.84 J	0.19 U	14.2 J	0.19 U	0.19 UJ	1.23	5.24 J	0.19 UR
1,2,4-TRIMETHYLBENZENE	73	0.475	7.99	0.389	4.18	0.246 U	0.05 U	0.884	0.716	11.9	9.56	1.37	0.225	1.32	6.81 J
1,2-DICHLOROBENZENE	2100	0.1 U	1.07	0.1 U	0.1 U	0.1 U	0.1 U	1.38	0.1 U	1.13	0.1 U	0.464	0.253	0.1 U	0.1 UJ
1,2-DICHLOROPROPANE	2.4	0.3	1.31	0.09 U	**15.2 [R]**	0.09 U	0.09 U	0.211	1.03	0.09 U	**10.4 [R]**	**16.1 [R]**	0.09 U	0.253	0.09 UJ
1,2-DICHLOROTETRAFLUOROETHANE	NC	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 UJ
1,3,5-TRIMETHYLBENZENE	NC	0.05 U	2.98	0.159 J	1.02	0.05 U	0.05 U	0.318 J	0.23	4.88 J	2.63	0.496	0.118 J	0.601 J	0.912 J
1,3-BUTADIENE	0.81	0.49 U	0.49 U	0.49 U	**1.05 [R]**	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**0.94 J [R]**	0.49 U	0.49 U	**1.3 [R]**	0.49 UJ
1,3-DICHLOROBENZENE	NC	0.09 U	0.675	0.09 U	0.09 U	0.09 U	0.09 U	0.919 J	0.09 U	0.656 J	0.09 U	0.241	0.207	0.09 U	0.09 UJ
1,4-DICHLOROBENZENE	2.2	0.09 U	1	0.09 U	0.09 U	0.09 U	0.09 U	1.68 J	0.09 U	1.02 J	0.09 U	0.358	0.09 U	0.09 U	0.09 UJ
2-BUTANONE	52000	1.04	0.574 J	4.44	1.29	0.907	0.362 J	7.47	13.6	39.3	79.9	2.99	0.33 U	1.56	1.44 J
ACETONE	320000	8.3 J	1.06 UJ	52.1 J	6.33	6.7	1.99 J	36.8 J	97.8	319 J	307	72.5 J	1.06 U	6.02 J	11.8 J
ACETONITRILE	630	0.38 UJ	0.38 UJ	0.422 J	0.38 U	0.38 U	0.38 U	0.755 J	0.607 J	0.38 UJ	0.967	0.432 J	0.38 U	0.38 UJ	0.38 UJ
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 UR
ACROLEIN	0.21	**0.537 J [R]**	**0.862 J [R]**	**0.418 J [R]**	**2.37 [R]**	0.41 U	0.41 U	**1.17 [R]**	**0.862 J [R]**	0.41 U	**1 [R]**	**0.818 J [R]**	0.41 U	**1.05 [R]**	**1.56 J [R]**
ACRYLONITRILE	0.36	0.2 U	0.2 U	0.237 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.626 [R]**	0.2 U	0.2 U	0.2 U	0.2 UJ
BENZENE	3.1	1.33	**4.44 [R]**	2.17	2.65	0.341	0.03 U	**4.29 [R]**	1.95	**24.1 [R]**	**13.8 [R]**	1.04	0.0679 U	1.42	0.465 J
BROMODICHLOROMETHANE	0.66	0.15 U	**8.97 [R]**	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ
BROMOMETHANE	52	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ
CARBON DISULFIDE	7300	0.762	1.95	0.788	11.6	0.205	0.1 U	0.67	0.545	37.7	1.89	11.9	0.1 U	1.22	1.87 J
CARBON TETRACHLORIDE	1.6	0.13 U	0.291 J	0.13 U	0.13 U	0.307	0.5	0.13 U	0.13 U	0.491	0.442	0.13 U	0.13 U	0.509	0.509 J
CHLOROBENZENE	520	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ
CHLOROFORM	1.1	1	**37.8 [R]**	0.11 U	0.11 U	0.253	0.832	0.2 J	**1.56 [R]**	**1.9 [R]**	0.11 U	0.792	0.11 U	0.329	**4.02 J [R]**
CHLOROMETHANE	940	0.07 U	0.07 U	0.07 UJ	0.177 J	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 UJ	1.12	0.07 U	0.07 U	0.29 J	0.07 UJ
CYCLOHEXANE	63000	0.11 U	4.06	0.11 U	0.282 J	1.91	0.11 U	0.11 U	0.298 J	14.6	2.76	0.697	0.11 U	0.11 U	0.11 UJ
DIBROMOMETHANE	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ
DICHLORODIFLUOROMETHANE	2100	246	2.5	6.02	2.26 J	11.5	2.29	3.54	2.2	0.18 U	1.97	4.56	0.18 U	2.3	19.7 J
ETHYLBENZENE	9.7	0.64	**11.7 [R]**	0.632	**21.4 [R]**	0.723	0.155 J	1.33	0.814	**13.1 [R]**	**20 [R]**	1.75	0.768	2.4	0.584 J
HEXACHLOROBUTADIENE	1.1	0.303 J	0.633 J	0.312 J	0.303 J	0.24 U	0.24 U	0.923 J	0.24 U	0.794 J	0.24 U	0.466 J	0.947	0.646 J	0.24 UJ
HEXANE	7300	0.322 J	26	1.07	0.644	10.1	0.17 U	0.244 J	2.15	56.3	12.9	0.92	0.17 U	0.478	0.452 J
ISOBUTANOL	NC	0.46 U	0.46 U	14	0.46 U	0.46 U	0.46 U	1.15	0.46 U	0.46 U	3.38	3.99	0.46 U	0.46 U	0.46 UJ
ISOPROPYLBENZENE	4200	0.07 U	1.04	0.07 U	0.818	0.07 U	0.07 U	0.07 U	0.07 U	2.32	1.11	0.227	0.07 U	0.07 U	0.07 UJ
M+P-XYLENES	7300	0.791	15.2	0.702	13.8	1.22	0.162 J	1.32	0.99	20.4	16	1.83	0.463 U	2.77	2.12 J
METHYL ACETATE	NC	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ
METHYL CYCLOHEXANE	NC	0.08 U	11.9	0.228	1.29	0.165 J	0.08 U	0.333	0.305	25.5	9.05	0.689	0.08 U	0.08 U	0.08 UJ
METHYL TERT-BUTYL ETHER	94	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ
METHYLENE CHLORIDE	52	0.08 U	0.265	0.08 U	0.172 J	0.08 U	0.08 U	0.308	0.08 U	0.08 U	0.524	0.08 U	0.08 U	0.08 U	0.195 J
O-XYLENE	7300	0.486	8.44	0.398	6.07	0.06 U	0.06 U	0.633	0.57	9.26	7.76	0.818	0.06 U	1.67	1.77 J
STYRENE	10000	3.2	9.77	0.471	26.4 J	3.46	0.506	6.03	1.88	5.16	264	26.5	5.98	28.6	0.07 UJ
TETRACHLOROETHENE	4.1	**12.1 J [R]**	**178 [R]**	**57 J [R]**	**255 [R]**	**41 [R]**	1.45 U	**5.77 J [R]**	**8.26 [R]**	**5.21 J [R]**	4.08	**8.86 J [R]**	1.45 U	**26.9 J [R]**	**93.8 J [R]**
TOLUENE	52000	1.15 J	11.9 J	2.34	12.7	4.54	1.03	4.59	3.06	46.3	72	2.48 J	0.149 U	2.81	1.86 J
TRICHLOROETHENE	12	0.08 U	0.225	0.08 U	0.08 U	0.378	0.08 U	0.08 U	0.08 U	0.259	0.08 U	0.08 U	0.08 U	0.356	7.03 J
TRICHLOROFLUOROMETHANE	7300	1780	3.53	11.3	4.35	13.3	1.76	9.86	2.51	0.31 U	1.18	104	0.31 U	2.5	4.69 J

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[R]-Exceeds Tap Water RSL

TABLE 3.8-2

STUDY AREA 08
SOIL GAS - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil Gas RSL	Soil Gas RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Volatile Organics (UG/M3)								
1,1,1-TRICHLOROETHANE	14/29	0	52000	0.152 J	2.11	0.15 - 0.15	0.55	0.30
1,1,2,2-TETRACHLOROETHANE	1/29	1	0.42	0.903 J	0.903 J	0.04 - 0.04	0.90	0.05
1,1,2-TRICHLOROETHANE	1/29	0	1.5	0.909	0.909	0.08 - 0.08	0.91	0.07
1,1,2-TRICHLOROTRIFLUOROETHANE	26/29	0	310000	0.468	1.78 J	0.08 - 0.08	0.86	0.77
1,2,3-TRICHLOROBENZENE	6/24	--	NC	0.927 J	6.11 J	0.4 - 0.4	3.68	1.07
1,2,4-TRICHLOROBENZENE	8/28	0	21	1.1	14.2 J	0.19 - 0.761	4.58	1.39
1,2,4-TRIMETHYLBENZENE	25/29	0	73	0.225	32.5 J	0.05 - 0.246	4.87	4.20
1,2-DICHLOROBENZENE	8/29	0	2100	0.176 J	1.38	0.1 - 0.1	0.72	0.23
1,2-DICHLOROPROPANE	16/29	6	2.4	0.211	16.1	0.09 - 0.09	4.23	2.35
1,2-DICHLOROTETRAFLUOROETHANE	1/29	--	NC	4.46	4.46	0.26 - 0.26	4.46	0.28
1,3,5-TRIMETHYLBENZENE	22/29	--	NC	0.118 J	9.33 J	0.05 - 0.05	1.64	1.25
1,3-BUTADIENE	4/29	3	0.81	0.703 J	1.3	0.49 - 0.49	1.00	0.35
1,3-DICHLOROBENZENE	8/29	--	NC	0.131 J	0.958	0.09 - 0.09	0.50	0.17
1,4-DICHLOROBENZENE	7/29	0	2.2	0.24	1.68 J	0.09 - 0.09	0.84	0.24
2-BUTANONE	27/29	0	52000	0.362 J	79.9	0.33 - 0.33	9.42	8.78
ACETONE	27/29	0	320000	1.99 J	8200 J	1.06 - 1.06	361.69	336.79
ACETONITRILE	13/29	0	630	0.421 J	1.2 J	0.38 - 0.38	0.74	0.44
ACETOPHENONE	1/28	--	NC	1.26 J	1.26 J	1.02 - 1.02	1.26	0.54
ACROLEIN	20/29	20	0.21	0.418 J	3.37	0.41 - 0.41	1.27	0.94
ACRYLONITRILE	3/29	1	0.36	0.237 J	0.626	0.2 - 0.2	0.38	0.13
BENZENE	27/29	12	3.1	0.263	451 J	0.03 - 0.0679	21.25	19.79
BROMODICHLOROMETHANE	1/29	1	0.66	8.97	8.97	0.15 - 0.15	8.97	0.38
BROMOMETHANE	1/29	0	52	1.02	1.02	0.07 - 0.07	1.02	0.07
CARBON DISULFIDE	27/29	0	7300	0.205	37.7	0.1 - 0.1	3.99	3.72
CARBON TETRACHLORIDE	15/29	0	1.6	0.206 J	0.509 J	0.13 - 0.196	0.35	0.21
CHLOROBENZENE	3/29	0	520	0.143 J	1.48 J	0.04 - 0.04	0.73	0.09
CHLOROFORM	22/29	8	1.1	0.2 J	37.8	0.11 - 0.11	3.07	2.34
CHLOROMETHANE	7/29	0	940	0.177 J	1.12	0.07 - 0.07	0.44	0.13
CYCLOHEXANE	18/29	0	63000	0.271	486 J	0.11 - 0.11	29.12	18.09
DIBROMOMETHANE	1/29	0	42	0.267 J	0.267 J	0.15 - 0.15	0.27	0.08
DICHLORODIFLUOROMETHANE	27/29	0	2100	0.453 J	246	0.18 - 0.18	13.11	12.21
ETHYLBENZENE	28/29	9	9.7	0.155 J	111	0.03 - 0.03	11.27	10.88
HEXACHLOROBUTADIENE	16/29	2	1.1	0.256 J	2.39	0.24 - 0.624	0.68	0.44
HEXANE	27/29	1	7300	0.172 J	8870 J	0.17 - 0.17	334.12	311.08
ISOBUTANOL	8/29	--	NC	0.632 J	14	0.46 - 0.46	4.78	1.48
ISOPROPYLBENZENE	10/29	0	4200	0.204	5.24 J	0.07 - 0.07	1.61	0.58
M+P-XYLENES	28/29	0	7300	0.162 J	144 J	0.463 - 0.463	12.67	12.24
METHYL ACETATE	2/29	--	NC	0.545	0.634	0.27 - 0.27	0.59	0.17
METHYL CYCLOHEXANE	20/29	--	NC	0.151 J	434 J	0.08 - 0.08	25.60	17.67
METHYL TERT-BUTYL ETHER	1/29	0	94	0.824	0.824	0.17 - 0.17	0.82	0.11
METHYLENE CHLORIDE	11/29	0	52	0.103 J	1.45	0.08 - 0.08	0.40	0.18
O-XYLENE	23/29	0	7300	0.225	58 J	0.06 - 0.06	6.65	5.28
STYRENE	26/29	0	10000	0.266 J	269	0.07 - 0.07	41.59	37.30
TETRACHLOROETHENE	27/29	23	4.1	3.47	255	1.45 - 1.45	42.61	39.72
TOLUENE	28/29	0	52000	0.719	517 J	0.149 - 0.149	28.84	27.85
TRICHLOROETHENE	6/29	0	12	0.225	7.03 J	0.08 - 0.08	1.44	0.33
TRICHLOROFLUOROMETHANE	27/29	0	7300	1.18	1780	0.31 - 0.31	78.54	73.14

NC-No Criteria
J-Estimated value

TABLE 3.8-3

STUDY AREA 08
PUBIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	0120 0120TW001 RESIDENTIAL PHASE II 20081014 STUDY AREA 08 6129400602082 PUBLIC	0227 0227TW001 RESIDENTIAL PHASE II 20081016 STUDY AREA 08 6312226602055 PUBLIC	0227 0227TW002 RESIDENTIAL PHASE II 20081104 STUDY AREA 08 6312226602055 PUBLIC	0266 0266TW001 RESIDENTIAL PHASE II 20090110 STUDY AREA 08 6132208002123 PUBLIC	0266 0266IW001 RESIDENTIAL PHASE II 20090522 STUDY AREA 08 6132208002123 PUBLIC	0266 0266TW002 RESIDENTIAL PHASE II-RESAMPLE 20090522 STUDY AREA 08 6132208002123 PUBLIC	0290 0290TW001 RESIDENTIAL PHASE II 20081015 STUDY AREA 08 6132136112223 PUBLIC	0376 0376TW001 RESIDENTIAL PHASE II 20090216 STUDY AREA 08 6132205414013 PUBLIC	0393 0393TW001 RESIDENTIAL PHASE II 20081105 STUDY AREA 08 6132216806021 PUBLIC	0419 0419TW001 RESIDENTIAL PHASE II 20081013 STUDY AREA 08 6132201802025 PUBLIC
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
Dioxins/Furans (NG/L)															
1,2,3,4,6,7,8-HPCDD	NC	0.052	5.2	NC	NC	0.0012 U	0.003 U		0.0032 U			0.0023 U	0.0011 U	0.0027 U	0.0015 U
1,2,3,4,6,7,8-HPCDF	NC	0.052	5.2	NC	NC	0.00099 U	0.001 U		0.00051 U			0.0014 U	0.00084 U	0.0011 J	0.0011 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00077 U	0.00093 U		0.000411 U			0.00073 J	0.000192 U	0.00062 U	0.00091 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00075 U	0.000401 U		0.00029 U			0.00044 U	0.000432 U	0.0011 U	0.00083 U
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00055 J	0.00033 U		0.00046 J			0.000461 U	0.00029 U	0.0005 U	0.00037 U
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00065 U	0.00035 U		0.000241 U			0.00039 U	0.00036 U	0.00092 U	0.00071 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00065 U	0.00035 U		0.000241 U			0.00039 U	0.00048 U	0.000941 U	0.00071 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.0006 U	0.00038 U		0.000314 U			0.00051 U	0.000192 U	0.00057 U	0.00042 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.000894 U	0.000551 U		0.0008 U			0.00034 U	0.000552 U	0.000693 U	0.00042 U
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.000273 U	0.00018 U		0.00063 U			0.000242 U	0.00038 U	0.000223 U	0.00037 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000521 U	0.00033 J		0.00031 U			0.000461 U	0.00017 U	0.0005 U	0.00037 U
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.00042 U	0.0006 U		0.0011 J			0.00078 U	0.00046 U	0.000223 J	0.00051 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00035 U	0.00023 U		0.00029 U			0.00032 U	0.00017 U	0.000223 U	0.00032 U
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.00047 U	0.00015 U		0.00039 J			0.00049 U	0.0007 U	0.0002 U	0.00017 U
TEQ	NC	0.00052	0.052	0.37	NC	0.000055	0.000033		0.000415			0.0000073	0.00017 U	0.0000779	0.00032 U
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0012 J	0.003 J		0.0046 J			0.0023 J	0.0011 J	0.0027 J	0.0015 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0016 J	0.001629 U		0.0017 J			0.0021 J	0.00096 J	0.0013 J	0.0018 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.002036 U	0.001102 U		0.000774 U			0.001214 U	0.0012 U	0.002924 U	0.0023 U
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0021 U	0.001303 U		0.0012 J			0.001822 U	0.0013 J	0.002 U	0.0015 U
TOTAL PECDD	NC	NC	NC	NC	NC	0.000894 U	0.000551 U		0.0008 J			0.00034 U	0.000552 U	0.000693 U	0.00042 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.00067 J	0.00078 J		0.0014 J			0.0009 J	0.00084 J	0.00045 U	0.00073 U
TOTAL TCDD	NC	NC	NC	NC	NC	0.001043 U	0.00068 U		0.00087 U			0.00095 U	0.0007 J	0.00067 U	0.00096 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.0006 J	0.0003 U		0.00056 J			0.00066 J	0.00091 J	0.0004 U	0.00024 U
Volatile Organics (UG/L)															
ACETONE	NC	22000	NC	220000	64000	1 U	1 U		1 U			1 U	1 U	4.45 J	1 U
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	0.12 U	0.12 U		0.1 U			**0.422 J [R]**	0.1 U	0.12 U	0.12 U
BROMOFORM	80	8.5	850	7300	NC	5.19	4.96		1.9			6.57	0.06 U	3.98	3.91
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	**0.294 J**	**0.435 J**		**0.518**			**1.73 [R]**	0.1 U	**0.218 J**	**0.278 J**
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.0998 J		0.09 U			0.158 J	0.09 U	0.09 U	0.09 U
METHYLENE CHLORIDE	5	4.8	480	11000	10	0.69 U	0.69 U		0.2 U			0.69 U	0.2 U	0.69 U	0.69 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.07 U	**0.413 J [R]**		0.1 U			0.07 U	0.1 U	0.07 U	0.07 U
Semivolatile Organics (UG/L)															
2,6-DINITROTOLUENE	NC	37	NC	370	NC	0.106 U	0.0984 U		0.096 U			0.0976 U		0.0979 U	0.102 U
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC	1.48 U	1.38 U		1.34 U			1.37 U		1.37 U	1.43 U
DIETHYL PHTHALATE	NC	29000	NC	290000	NC	0.212 U	0.197 U		0.192 U			0.195 U		0.196 U	0.204 U
Radiological Parameters (PCI/L)															
GROSS ALPHA	15	NC	NC	NC	NC	1.9	1.6		3.8			1.4 U	2.9 U	1.9 U	1.4 U
GROSS BETA	8	NC	NC	NC	NC	**9.5 [F]**	**9.5 [F]**		**12.4 [F]**			**8.6 [F]**	3.95	7.3	**11.6 [F]**
Inorganics (UG/L)															
ALUMINUM	NC	37000	NC	370000	NC	2.2 U	4.05		17.2			3.97	3.16	2.82	2.2 U
ANTIMONY	6	15	NC	150	NC	0.14 U	0.176		0.14 U			0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**2.53 [R]**	**3.57 [R]**		**5.75 [R][C]**			**1.27 [R]**	**4.09 [R]**	**2.91 [R]**	**2.74 [R]**
BARIUM	2000	7300	NC	73000	NC	17.3	22.1		14.7			16.8	16.6	19.4	17.6
BERYLLIUM	4	73	NC	730	NC	0.03 U	0.03 U		0.03 U			0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	5	18	NC	180	NC	0.04 U	0.108		0.0489			0.0437	0.04 U	0.04 U	0.0609
CALCIUM	NC	NC	NC	NC	NC	144	136		109			145	131		145
CHROMIUM	100	NC	NC	NC	NC	0.15 U	17.2		3.09			0.15 U	0.76	2.37	0.15 U
COBALT	NC	11	NC	110	NC	0.0404	0.327		0.0985			0.301	0.0563	0.0456	0.0866
COPPER	1300	1500	NC	15000	NC	734	24.4		251			24.6	101	15.8	1080
IRON	NC	26000	NC	260000	NC	60.2	1650		217			432	43.7	32	95.8
LEAD	15	NC	NC	NC	NC	1.8	8.48		4.09			**25.1 [F]**	1.71	1.8	3.69
MAGNESIUM	NC	NC	NC	NC	NC	22.2	21.8		19.7			22.6	21.5		22.4
MANGANESE	NC	880	NC	8800	NC	2.45	6.57		3.99			9.46	0.531	3.18	3.11
MERCURY	2	0.57	NC	5.7	0.63	0.015 U	0.026		0.015 U			0.015 U	0.016	0.04	0.015 U

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 3.8-3

STUDY AREA 08
PUBIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	0120 0120TW001 RESIDENTIAL PHASE II 20081014 STUDY AREA 08 6129400602082 PUBLIC	0227 0227TW001 RESIDENTIAL PHASE II 20081016 STUDY AREA 08 6312226602055 PUBLIC	0227 0227TW002 RESIDENTIAL PHASE II 20081104 STUDY AREA 08 6312226602055 PUBLIC	0266 0266TW001 RESIDENTIAL PHASE II 20090110 STUDY AREA 08 6132208002123 PUBLIC	0266 0266IW001 RESIDENTIAL PHASE II 20090522 STUDY AREA 08 6132208002123 PUBLIC	0266 0266TW002 RESIDENTIAL PHASE II-RESAMPLE 20090522 STUDY AREA 08 6132208002123 PUBLIC	0290 0290TW001 RESIDENTIAL PHASE II 20081015 STUDY AREA 08 6132136112223 PUBLIC	0376 0376TW001 RESIDENTIAL PHASE II 20090216 STUDY AREA 08 6132205414013 PUBLIC	0393 0393TW001 RESIDENTIAL PHASE II 20081105 STUDY AREA 08 6132216806021 PUBLIC	0419 0419TW001 RESIDENTIAL PHASE II 20081013 STUDY AREA 08 6132201802025 PUBLIC
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
NICKEL	NC	730	NC	7300	NC	13	14.7		6.72			3.3	1.29	5.62	21.3
POTASSIUM	NC	NC	NC	NC	NC	7.81	7.68		4.91			7.6	7.4		7.78
SELENIUM	50	180	NC	1800	NC	0.456	0.357		0.306			0.599 U	0.408	0.264	0.415
SILVER	NC	180	NC	1800	NC	0.12 U	0.12 U		0.12 U			0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	NC	NC	NC	NC	NC	29.2	28.5		13.9			30.3	25.5		29.4
TIN	NC	22000	NC	220000	NC	0.1 U	0.14		0.219			1.37	0.174	0.1 U	0.1 U
URANIUM	30	1.63	163	1100	NC	1.45	1.62		1.5			1.47	**1.85**	1.62	**3.2**
VANADIUM	NC	180	NC	2600	NC	1.33 U	3.86		3.22			1 U	3.22	5.76	4.73 U
ZINC	NC	11000	NC	110000	NC	174	2070		217			602	192	248	367
Microbiological Parameters															
FECAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <	1 <	1 <	1 <			1 <	1 <	**2 [F]**	1 <
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <	**1 [F]**	1 <	1 <			1 <	1 <	**2 [F]**	1 <
Miscellaneous Parameters (MG/L)															
CHLORIDE	NC	NC	NC	NC	NC	45.3	44.4		28.7			49.2	45.8	47.7	45.1
FLUORIDE	4	1.5	NC	15	NC	0.419	0.398		0.297			0.351	0.379	0.421	0.353
NITRATE	44.3	58	NC	580	NC	10.7	10.6		7.88 J			10.1	10.8	10.2	10.6
SULFATE	NC	NC	NC	NC	NC	12.7	12.2		11.7			12.2	12.8	12.9	12.8
Field Parameters															
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.06	0	0.02	0.08	0.08	0.06	0.26	0.1	0.02	0.02
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	9.56	9.49	8.59	9.62	8.04	4.26	9.14	9.01	8.56	8.21
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	414	361	331	499	407	312	590	459	325	233
PH (S.U.)	NC	NC	NC	NC	NC	7.29	7.2	7.04	7.49	7.5	7.22	7.27	6.97	7.15	7.23
SALINITY (%)	NC	NC	NC	NC	NC	0	0	0	0	0.02	0.02	0	0	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.97	0.97	1	0.85	0.857	0.863	1	0.99	1	0.95
TEMPERATURE (C)	NC	NC	NC	NC	NC	19.53	20.49	18.02	10.99	23.98	25.94	21.98	9.32	20.97	15.23
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC										
TURBIDITY (NTU)	NC	NC	NC	NC	NC			5.3	20.3	3.6	0	0	25.3	1.2	

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 3.8-3

STUDY AREA 08
PUBIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0460	0502	0512	0525	1742	1827	1835	1846	1847	18
Sample ID						0460TW001	0502TW001	0512TW001	0525TW001	1742TW001	1827TW001	1835TW001	1846TW001	1847TW001	1857T
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDI
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHA
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090318	20081031	20090610	20081101	20090323	20081013	20081014	20081017	20081017	2008
Study Area						STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY /
Premise ID						6132205502178	6129418202036	6129403202087	6129414806036	6130603714122	6132540002297	6129420604033	6132529210191	6132230802090	613061
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUE
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
Dioxins/Furans (NG/L)															
1,2,3,4,6,7,8-HPCDD	NC	0.052	5.2	NC	NC	0.0027 U	0.0028 U	0.0031 U	0.002 U	0.0018 U	0.0017 U	0.0014 U	0.0018 J	0.001238 U	0.0018
1,2,3,4,6,7,8-HPCDF	NC	0.052	5.2	NC	NC	0.00053 U	0.00069 U	0.0017 U	0.0012 U	0.00023 U	0.00084 U	0.0015 U	0.0013 U	0.0018 U	0.00084
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00028 U	0.00092 U	0.00077 U	0.00087 U	0.00025 U	0.0011 U	0.000731 U	0.00072 J	0.00078 U	0.0011
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00023 U	0.000732 U	0.00025 U	0.00072 U	0.00046 U	0.00069 U	0.00047 J	0.000544 U	0.00066 U	0.00058
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00025 U	0.0009 U	0.0003 U	0.000371 U	0.00028 U	0.00042 U	0.0005 U	0.0003 U	0.000291 U	0.00048
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.0002 U	0.00064 U	0.00037 U	0.00062 U	0.000304 U	0.0006 U	0.00037 U	0.00047 U	0.00056 U	0.00048
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00038 U	0.00064 U	0.000223 U	0.000644 U	0.00043 U	0.0006 U	0.00037 U	0.00047 U	0.000582 U	0.00051
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00023 U	0.001039 U	0.000322 U	0.000421 U	0.00035 U	0.0005 U	0.000574 U	0.00035 U	0.00041 J	0.00053
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.00086 U	**0.00073 J [R]**	0.001015 U	0.00045 U	0.001241 U	0.00042 U	0.00068 U	0.00057 U	0.00066 U	0.00051
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.000252 U	0.000401 U	0.00027 J	0.00025 U	0.00038 U	0.00035 U	0.00023 U	0.00027 U	0.00027 U	0.000144
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00025 U	0.0009 U	0.0003 U	0.000371 U	0.00028 U	0.00042 U	0.0005 U	0.0003 U	0.000291 U	0.00046
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.00033 U	0.000401 U	0.0005 U	0.0003 U	0.00038 U	0.00047 U	0.00055 U	0.00059 U	0.00032 U	0.00063
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00028 U	0.00038 U	0.00025 U	0.000322 U	0.00048 J	0.0003 U	0.00029 U	0.000222 U	0.000242 U	0.000384
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.00043 U	0.00061 U	0.0002 J	0.0002 U	0.00048 U	0.00015 U	0.00042 U	0.00022 U	0.00032 U	0.00026
TEQ	NC	0.00052	0.052	0.37	NC	0.00028 U	**0.00073 [R]**	0.0000281	0.000322 U	0.00048	0.0003 U	0.000047	0.0000252	0.000041	0.000011
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0041 J	0.0028 J	0.0031 J	0.002 J	0.0018 J	0.0017 J	0.0014 U	0.0018 J	0.001238 U	0.0018
TOTAL HPCDF	NC	NC	NC	NC	NC	0.00081 J	0.0016 J	0.0019 J	0.001511 U	0.00048 J	0.00191 U	0.0021 J	0.002 J	0.0037 J	0.0019
TOTAL HXCDD	NC	NC	NC	NC	NC	0.00081 J	0.002008 U	0.00072 J	0.002 U	0.0011 J	0.0019 U	0.0012 U	0.0015 U	0.0018 U	0.0016
TOTAL HXCDF	NC	NC	NC	NC	NC	0.00081 U	0.0036 U	0.0012 U	0.0015 U	0.0011 U	0.00171 U	0.002 U	0.0012 U	0.0012 U	0.0019
TOTAL PECDD	NC	NC	NC	NC	NC	0.00086 U	0.00073 J	0.001015 U	0.00045 U	0.001241 U	0.00042 U	0.00068 U	0.00057 U	0.00066 U	0.00051
TOTAL PECDF	NC	NC	NC	NC	NC	0.000504 U	0.000803 U	0.00079 J	0.00055 J	0.00076 U	0.00072 U	0.00078 J	0.00087 J	0.00058 J	0.00072
TOTAL TCDD	NC	NC	NC	NC	NC	0.000831 U	0.001134 U	0.000743 U	0.00097 U	0.0018 J	0.00089 U	0.000861 U	0.00067 U	0.00073 U	0.0012
TOTAL TCDF	NC	NC	NC	NC	NC	0.00058 J	0.00085 J	0.0003 U	0.00042 J	0.00066 J	0.00025 U	0.00047 U	0.00035 J	0.00046 J	0.00034
Volatile Organics (UG/L)															
ACETONE	NC	22000	NC	220000	64000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	0.1 U	0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.12 U	0.12 U	0.12 U	**0.135**
BROMOFORM	80	8.5	850	7300	NC	2.99	2.96	3.2	3.07	3.5	5.04	3.38	1.23	5.87	3.43
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	0.1 U	**0.281 J**	**0.277 J**	**0.338 J**	**0.323 J**	**0.352 J**	**0.208 J**	**0.217 J**	**0.35 J**	**0.523**
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	**0.256 J [R][INH]**	0.09 U	0.09
METHYLENE CHLORIDE	5	4.8	480	11000	10	0.2 U	0.69 U	0.2 U	0.69 U	0.2 U	0.69 U	0.69 U	0.69 U	0.954 J	0.69
TETRACHLOROETHENE	5	0.11	11	2200	0.82	0.1 U	0.07 U	0.1 U	0.07 U	0.1 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07
Semivolatile Organics (UG/L)															
2,6-DINITROTOLUENE	NC	37	NC	370	NC		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC		1.34 U		1.37 U		1.41 U	1.45 U	1.33 U	1.38 U	1.33
DIETHYL PHTHALATE	NC	29000	NC	290000	NC		0.191 U		0.195 U		0.604 J	0.561 J	0.189 U	0.197 U	0.19
Radiological Parameters (PCI/L)															
GROSS ALPHA	15	NC	NC	NC	NC	2.42 U	1.4 U	2.95 U	1.6 U	2.73 U	1.6	1.6 U	1.9	1.4 U	1.4
GROSS BETA	8	NC	NC	NC	NC	6.71	**9.2 [F]**	4.96	7.6	2.56 U	**10.3 [F]**	**8.6 [F]**	**8.1 [F]**	7	5.4
Inorganics (UG/L)															
ALUMINUM	NC	37000	NC	370000	NC	16.3	2.2 U	195	3.43	13.5	2.2 U	2.2 U	5.02	4.99	2.2
ANTIMONY	6	15	NC	150	NC	0.14 U	0.145	0.196	0.14 U	0.14 U	0.181	0.14 U	0.958	0.14 U	0.149
ARSENIC	10	0.045	4.5	110	NC	**4.43 [R]**	**3.03 [R]**	**5.81 [R][C]**	**3.23 [R]**	**5.94 [R][C]**	**3.03 [R]**	**2.64 [R]**	**4.28 [R]**	**3.3 [R]**	**1.56**
BARIUM	2000	7300	NC	73000	NC	23.2	17.1	17.2	15.7	17.9	23	18.4	9.29	14.2	0.4
BERYLLIUM	4	73	NC	730	NC	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.0687	0.0416	0.03
CADMIUM	5	18	NC	180	NC	0.04 U	0.04 U	0.0616	0.0451	0.04 U	0.116	0.04 U	0.26	0.04 U	0.04
CALCIUM	NC	NC	NC	NC	NC	141	138	139		134	140	151	136		
CHROMIUM	100	NC	NC	NC	NC	0.697 U	2.42	0.491	2	0.382	1.13	0.15 U	0.15 U	0.448	1.96
COBALT	NC	11	NC	110	NC	0.163	0.0341	0.179	0.178	7.68	0.147	0.0942	0.227	0.0991	0.0357
COPPER	1300	1500	NC	15000	NC	42.6	184	406	39.3	54.9	82.3	36.6	**1790 [F][R]**	12.6	5.83
IRON	NC	26000	NC	260000	NC	106	17	9.86	31.8	188	480	35.6	157	17.7	50.9
LEAD	15	NC	NC	NC	NC	3.17	4.03	7.28	0.752	2.21	6.91	3.71	9.1	2.02	1.75
MAGNESIUM	NC	NC	NC	NC	NC	23.1	20.9	22.2		22	21.9	22.8	22.6		
MANGANESE	NC	880	NC	8800	NC	6.86	0.39	1.22 U	3.19	11.6	8.73	2.44	30.6	1.14	1.3
MERCURY	2	0.57	NC	5.7	0.63	0.015	0.077	0.015 U	0.041	0.04	0.015 U	0.015 U	0.038	0.045	0.015

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 3.8-3

STUDY AREA 08
PUBIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
PAGE 4 OF 6

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	0460 0460TW001 RESIDENTIAL PHASE II 20090318 STUDY AREA 08 6132205502178 PUBLIC	0502 0502TW001 RESIDENTIAL PHASE II 20081031 STUDY AREA 08 6129418202036 PUBLIC	0512 0512TW001 RESIDENTIAL PHASE II 20090610 STUDY AREA 08 6129403202087 PUBLIC	0525 0525TW001 RESIDENTIAL PHASE II 20081101 STUDY AREA 08 6129414806036 PUBLIC	1742 1742TW001 RESIDENTIAL PHASE II 20090323 STUDY AREA 08 6130603714122 PUBLIC	1827 1827TW001 RESIDENTIAL PHASE II 20081013 STUDY AREA 08 6132540002297 PUBLIC	1835 1835TW001 RESIDENTIAL PHASE II 20081014 STUDY AREA 08 6129420604033 PUBLIC	1846 1846TW001 RESIDENTIAL PHASE II 20081017 STUDY AREA 08 6132529210191 PUBLIC	1847 1847TW001 RESIDENTIAL PHASE II 20081017 STUDY AREA 08 6132230802090 PUBLIC	18 1857T RESIDI PHA 2008 STUDY / 613061 PUE
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
NICKEL	NC	730	NC	7300	NC	3.07	3.64	53.1	1.44	10.2	20	119	31.9	2.61	43.4
POTASSIUM	NC	NC	NC	NC	NC	7.89	7.83	7.01		7.82	7.89	7.6	8.39		
SELENIUM	50	180	NC	1800	NC	0.2 U	0.316	0.2 U	0.294	0.368	0.354	0.413	1.73	0.364	0.2
SILVER	NC	180	NC	1800	NC	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.328	0.12 U	0.12
SODIUM	NC	NC	NC	NC	NC	25	27.2	25.8		23.3	28.5	30	30.7		
TIN	NC	22000	NC	220000	NC	0.215	0.1 U	0.291	0.158	0.432	0.1 U	0.124	0.565	0.342	0.1
URANIUM	30	1.63	163	1100	NC	**1.78**	**1.64**	**3.38**	1.51	1.34	1.4	1.54	**12.1**	1.45	1.35
VANADIUM	NC	180	NC	2600	NC	3.76	3.26	2.22	2.81	1.14	4.51 U	2.73 U	4.21	3.88	4.69
ZINC	NC	11000	NC	110000	NC	118	127	1910	104	117	1230	101	1790	610	41
Microbiological Parameters															
FECAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1
Miscellaneous Parameters (MG/L)															
CHLORIDE	NC	NC	NC	NC	NC	48	46.3	54.9	43.5	48.5	47.5	47.5	48.4	45.8	36.4
FLUORIDE	4	1.5	NC	15	NC	0.44	0.53	0.388	0.404	0.383	0.41	0.372	0.366	0.392	0.359
NITRATE	44.3	58	NC	580	NC	11.4	10.9 J	9.99 J	9.75 J	10.6	11.1	10.1	9.59 J	9.79 J	8.3
SULFATE	NC	NC	NC	NC	NC	13.2	15.5	12.1	12.5	12.2	13.2	12	12.3	13.4	12.1
Field Parameters															
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.1	0.08	0.08	0.08	0.09	0.02	0.1	0.02	0	0.03
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	6.59	7.73	5.16	7.85	8.7	8.37	8.24	8.61	9.86	8.43
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	527	325	398	414	466	330	488	288	317	322
PH (S.U.)	NC	NC	NC	NC	NC	7.16	7.13	6.86	7.03	7.06	7.37	7.17	7.15	7.31	7.07
SALINITY (%)	NC	NC	NC	NC	NC	0.02	0	0.03	0	0	0	0	0	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.888	0.97	0.949	1	0.966	0.92	1	1.1	1	1
TEMPERATURE (C)	NC	NC	NC	NC	NC	18.16	21.43	23.27	19.04	13.2	19.02	18.57	18.39	23.52	19.43
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC		0.63								
TURBIDITY (NTU)	NC	NC	NC	NC	NC	0.3	8.7	0	4	3.5			10.7	62	0

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 3.8-3

STUDY AREA 08
PUBIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location							57	1859	1865	1874	1874	1897	1899	2018	2074
Sample ID							W001	1859TW001	1865TW001	1874TW001	1874TW002	1897TW001	1899TW001	2018TW001	2074TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL		ENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only		SE II	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]		1022	20081022	20081024	20081025	20090527	20081103	20081105	20090210	20090206
Study Area							AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID							1600122	6129412404135	6132237202041	6129418204130	6129418204130	6132511242106	6132200299107	6132205502255	6132515102054
Likely Water Source							BLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level															
Blank Cells indicate that parameter was not analyzed.															
Dioxins/Furans (NG/L)															
1,2,3,4,6,7,8-HPCDD	NC	0.052	5.2	NC	NC	U	0.0024 U	0.0017 U	0.0015 U		0.0015 U	0.0021 U	0.002 U	0.0022 U	
1,2,3,4,6,7,8-HPCDF	NC	0.052	5.2	NC	NC	U	0.00076 U	0.00093 U	0.0015 U		0.0005 U	0.00045 J	0.0013 U	0.00035 U	
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	J	0.00091 U	0.00086 U	0.000802 U		0.00053 U	0.000422 U	0.000681 U	0.000372 U	
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	U	0.00072 U	0.000661 U	0.00061 U		0.00043 J	0.0008 U	0.000462 U	0.0002 U	
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	U	0.00069 U	0.00081 U	0.000413 U		0.000311 U	0.0006 U	0.00054 U	0.0002 U	
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	U	0.000621 U	0.000563 U	0.00051 U		0.00036 J	0.000671 U	0.00044 U	0.000173 U	
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	U	0.00065 U	0.00064 J	0.000534 U		0.00036 U	0.0007 U	0.000462 U	0.0002 U	
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	U	0.000621 U	0.000612 U	0.00049 U		0.00036 U	0.000671 U	0.000632 U	0.00025 U	
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	U	0.000741 U	0.00071 U	0.00061 U		0.000622 U	0.000571 U	0.001337 U	0.00022 U	
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	U	0.00043 U	0.0002 U	0.00049 U		0.00048 U	0.0004 U	0.00078 U	0.00025 U	
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	U	0.00055 U	0.00054 U	0.000413 U		0.000311 U	0.000571 U	0.00056 U	0.000223 U	
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	U	0.00057 U	0.00029 U	0.00092 U		0.00074 U	0.0004 U	0.00078 U	0.0002 U	
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	U	0.00031 U	0.000294 U	0.000243 U		0.000263 U	0.00035 U	0.0023 UJ	0.000223 U	
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	U	0.00022 U	0.00022 U	0.00034 U		0.00031 U	0.00015 U	0.003915 UJ	0.00032 U	
TEQ	NC	0.00052	0.052	0.37	NC		0.00031 U	0.000064	0.000243 U		0.000079	4.5E-06	0.0023 U	0.000223 U	
TOTAL HPCDD	NC	NC	NC	NC	NC	J	0.0024 J	0.0017 U	0.0015 J		0.0015 J	0.0021 J	0.002 J	0.0032 J	
TOTAL HPCDF	NC	NC	NC	NC	NC	J	0.0016 U	0.0015 U	0.0018 J		0.000933 U	0.00075 U	0.0016 J	0.00067 U	
TOTAL HXCDD	NC	NC	NC	NC	NC	U	0.002 U	0.001813 U	0.0017 U		0.001124 J	0.0022 U	0.0014 U	0.00057 U	
TOTAL HXCDF	NC	NC	NC	NC	NC	U	0.0022 U	0.002132 U	0.0017 U		0.001244 U	0.002336 U	0.002213 U	0.00087 U	
TOTAL PECDD	NC	NC	NC	NC	NC	U	0.000741 U	0.00071 U	0.00061 U		0.000622 U	0.000571 U	0.001337 U	0.00022 J	
TOTAL PECDF	NC	NC	NC	NC	NC	J	0.001 J	0.00042 J	0.0011 J		0.001 J	0.0008 U	0.0016 U	0.00042 J	
TOTAL TCDD	NC	NC	NC	NC	NC	U	0.000932 U	0.000882 U	0.00073 U		0.00079 U	0.001043 U	0.0069 UJ	0.00067 U	
TOTAL TCDF	NC	NC	NC	NC	NC	U	0.00043 U	0.000441 U	0.00049 U		0.0005 J	0.0003 U	0.016 UJ	0.00037 J	
Volatile Organics (UG/L)															
ACETONE	NC	22000	NC	220000	64000	U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	**J [R]**	0.12 U	0.12 U	0.12 U		0.12 U	0.12 U	0.1 U	0.1 U	
BROMOFORM	80	8.5	850	7300	NC		2.41	2.94	4.18		3.57	3.37	2.64	1.85	
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC		**0.282 J**	**0.365 J**	**0.378 J**		**0.346 J**	**0.275 J**	**0.269 J**	**0.466 J**	
CHLOROFORM	80	0.19	19	1300	0.21	U	0.09 U	0.09 U	0.09 U		0.09 U	0.09 U	0.09 U	0.09 U	
METHYLENE CHLORIDE	5	4.8	480	11000	10	U	0.69 U	0.69 U	0.69 U		0.69 U	0.69 U	0.2 U	0.2 U	
TETRACHLOROETHENE	5	0.11	11	2200	0.82	U	0.07 U	0.07 U	0.07 U		0.07 U	0.0904 J	0.1 U	0.1 U	
Semivolatile Organics (UG/L)															
2,6-DINITROTOLUENE	NC	37	NC	370	NC	U	0.0965 U	0.096 U	0.0973 U		0.0952 U	2.17 J			
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC	U	1.35 U	1.6 J	1.36 U		1.33 U	1.41 U			
DIETHYL PHTHALATE	NC	29000	NC	290000	NC	U	0.193 U	0.192 U	0.195 U		0.19 U	0.201 U			
Radiological Parameters (PCI/L)															
GROSS ALPHA	15	NC	NC	NC	NC	U	1.1 U	2 U	1.1 U		1.6 U	1.1 U	1.6	1.4 U	
GROSS BETA	8	NC	NC	NC	NC	U	7	6 U	**24.6 [F]**		6.8	6.8	7.3	5.9	
Inorganics (UG/L)															
ALUMINUM	NC	37000	NC	370000	NC	U	6.58	2.4	5.65		4.78	11.3	4.93	3.6	
ANTIMONY	6	15	NC	150	NC		0.302	0.221	0.213		0.362	0.14 U	0.14 U	0.14 U	
ARSENIC	10	0.045	4.5	110	NC	**[R]**	**3.09 [R]**	**2.69 [R]**	**2.73 [R]**		**2.72 [R]**	**2.97 [R]**	**4.56 [R][C]**	**3.11 [R]**	
BARIUM	2000	7300	NC	73000	NC	U	16.9	18.6	20		18.8	15.7	13.1	15	
BERYLLIUM	4	73	NC	730	NC	U	0.03 U	0.03 U	0.03 U		0.03 U	0.03 U	0.0321	0.03 U	
CADMIUM	5	18	NC	180	NC	U	0.112	0.04 U	0.0722		0.096	0.04 U	0.0629	0.04 U	
CALCIUM	NC	NC	NC	NC	NC				136				108	109	
CHROMIUM	100	NC	NC	NC	NC		1.5	0.15 U	0.15 U		1.12 U	2.05	0.98 U	0.835 U	
COBALT	NC	11	NC	110	NC		0.146	0.0424	0.242		0.093	0.0308	0.0491	0.03 U	
COPPER	1300	1500	NC	15000	NC		253	14	32		406	7.36	27.6	58.6	
IRON	NC	26000	NC	260000	NC		123	36.2	1660		40.6	110	78.8	11.9	
LEAD	15	NC	NC	NC	NC		8.49	0.723	6.68		4.95	1.12	3.04	1.43	
MAGNESIUM	NC	NC	NC	NC	NC				21.6				23	22	
MANGANESE	NC	880	NC	8800	NC		6.14	5.95	12.3		6.79	0.482	1.22	0.812	
MERCURY	2	0.57	NC	5.7	0.63	U	0.034	0.015 U	0.015 U		0.044	0.042	0.015 U	0.015 U	

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 3.8-3

STUDY AREA 08
PUBIC SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location														
Sample ID							1859TW001	1865TW001	1874TW001	1874TW002	1897TW001	1899TW001	2018TW001	2074TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only		PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]		20081022	20081024	20081025	20090527	20081103	20081105	20090210	20090206
Study Area							STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID							6129412404135	6132237202041	6129418204130	6129418204130	6132511242106	6132200299107	6132205502255	6132515102054
Likely Water Source							PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level														
Blank Cells indicate that parameter was not analyzed.														
NICKEL	NC	730	NC	7300	NC		218	1.52	40.7		9.56	1.93	6.67	1.35
POTASSIUM	NC	NC	NC	NC	NC				7.54				3.41	5.21
SELENIUM	50	180	NC	1800	NC	U	0.264	0.305	0.222		0.369	0.298	0.269	0.257
SILVER	NC	180	NC	1800	NC	U	0.12 U	0.12 U	0.12 U		0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	NC	NC	NC	NC	NC				26.2				9.42	16.4
TIN	NC	22000	NC	220000	NC	U	0.357	0.1 U	0.13		0.654	0.1 U	0.1 U	0.1 U
URANIUM	30	1.63	163	1100	NC		1.52	**1.88**	**1.69**		**2**	**1.91**	1.31	1.21
VANADIUM	NC	180	NC	2600	NC	U	3.83 U	2.58	2.23		1.28	2.66	3.03	2.76
ZINC	NC	11000	NC	110000	NC		802	179	252		281	64	1370	661
Microbiological Parameters														
FECAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	<	1 <	1 <	1 <		1 <	1 <	1 <	1 <
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	<	1 <	1 <	1 <		1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)														
CHLORIDE	NC	NC	NC	NC	NC		45.8	45.6	44.6		47.9	47	46.7	29.6
FLUORIDE	4	1.5	NC	15	NC		0.392	0.314	0.342		0.409	0.414	0.36	0.316
NITRATE	44.3	58	NC	580	NC		10.7	10.8 J	10.8 J		10.9	11.2	11.6	8.51 J
SULFATE	NC	NC	NC	NC	NC		13.2	13.6	13.4		13.2	14.4	12.4	11.1
Field Parameters														
CHLORINE (MG/L)	4	3.7	NC	37	NC		0.1	0.04	0.06	0	0.06	0.04	0.08	0.03
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC		862	7.73	8.94	8.91	8.31	8.06	8.12	8.79
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC		495	434	536	165	399	532	380	291
PH (S.U.)	NC	NC	NC	NC	NC		7.39	7.12	7.24	7.66	7.21	7.15	7.42	7.13
SALINITY (%)	NC	NC	NC	NC	NC		0	0	0	0.02	0	0	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC		1	1	0.96	0.804	1	0.99	0.751	0.833
TEMPERATURE (C)	NC	NC	NC	NC	NC		20.05	22.6	20.69	24.55	19.13	19.17	12.32	13.35
TOTAL DISSOLVED SOLIDS	NC	NC	NC	NC	NC									
TURBIDITY (NTU)	NC	NC	NC	NC	NC		0	0	5	0	2.9	0	18.3	0

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 3.8-4

STUDY AREA 08
PUBLIC SUPPLIED TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)																
1,2,3,4,6,7,8-HPCDD	1/24	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.0018 J	0.0018 J	0.0011 - 0.0032	0.0018	0.0011
1,2,3,4,6,7,8-HPCDF	2/24	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.00045 J	0.0011 J	0.00023 - 0.0018	0.0008	0.0005
1,2,3,4,7,8,9-HPCDF	3/24	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.00072 J	0.0011 J	0.000192 - 0.0011	0.0009	0.0004
1,2,3,4,7,8-HXCDD	2/24	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00043 J	0.00047 J	0.0002 - 0.0011	0.0005	0.0003
1,2,3,4,7,8-HXCDF	2/24	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00046 J	0.00055 J	0.0002 - 0.0009	0.0005	0.0002
1,2,3,6,7,8-HXCDD	1/24	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00036 J	0.00036 J	0.000173 - 0.00092	0.0004	0.0002
1,2,3,7,8,9-HXCDD	1/24	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00064 J	0.00064 J	0.0002 - 0.000941	0.0006	0.0003
1,2,3,7,8,9-HXCDF	1/24	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00041 J	0.00041 J	0.000192 - 0.001039	0.0004	0.0002
1,2,3,7,8-PECDD	1/24	--	NC	1	0.00052	0	0.052	--	NC	--	NC	0.00073 J	0.00073 J	0.00022 - 0.001337	0.0007	0.0004
1,2,3,7,8-PECDF	1/24	--	NC	0	0.017	0	1.7	--	NC	--	NC	0.00027 J	0.00027 J	0.000144 - 0.00078	0.0003	0.0002
2,3,4,6,7,8-HXCDF	1/24	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00033 J	0.00033 J	0.00017 - 0.0009	0.0003	0.0002
2,3,4,7,8-PECDF	2/24	--	NC	0	0.0017	0	0.17	--	NC	--	NC	0.000223 J	0.0011 J	0.0002 - 0.00092	0.0007	0.0003
2,3,7,8-TCDD	1/24	0	0.03	0	0.00052	0	0.052	0	0.37	--	NC	0.00048 J	0.00048 J	0.00017 - 0.0023	0.0005	0.0002
2,3,7,8-TCDF	2/24	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.0002 J	0.00039 J	0.00015 - 0.003915	0.0003	0.0002
TEQ	15/24	--	NC	1	0.00052	0	0.052	0	0.37	--	NC	0.0000045	0.00073	0.00017 - 0.0023	0.0001	0.0002
TOTAL HPCDD	21/24	--	NC	--	NC	--	NC	--	NC	--	NC	0.0011 J	0.0046 J	0.001238 - 0.0017	0.0023	0.0021
TOTAL HPCDF	16/24	--	NC	--	NC	--	NC	--	NC	--	NC	0.00048 J	0.0037 J	0.00067 - 0.00191	0.0017	0.0014
TOTAL HXCDD	4/24	--	NC	--	NC	--	NC	--	NC	--	NC	0.00072 J	0.001124 J	0.00057 - 0.002924	0.0009	0.0008
TOTAL HXCDF	2/24	--	NC	--	NC	--	NC	--	NC	--	NC	0.0012 J	0.0013 J	0.00081 - 0.0036	0.0013	0.0009
TOTAL PECDD	3/24	--	NC	--	NC	--	NC	--	NC	--	NC	0.00022 J	0.0008 J	0.00034 - 0.001337	0.0006	0.0004
TOTAL PECDF	16/24	--	NC	--	NC	--	NC	--	NC	--	NC	0.00042 J	0.0014 J	0.00045 - 0.0016	0.0008	0.0007
TOTAL TCDD	2/24	--	NC	--	NC	--	NC	--	NC	--	NC	0.0007 J	0.0018 J	0.00067 - 0.0069	0.0013	0.0006
TOTAL TCDF	12/24	--	NC	--	NC	--	NC	--	NC	--	NC	0.00035 J	0.00091 J	0.00024 - 0.016	0.0006	0.0007
Field Parameters																
CHLORINE (MG/L)	28/28	0	4	0	3.7	--	NC	0	37	--	NC	0	0.26	-	0.06	0.06
DISSOLVED OXYGEN (MG/L)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	4.26	862	-	38.75	38.75
OXIDATION REDUCTION POTENTIAL (MV)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	165	590	-	394.21	394.21
PH (S.U.)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	6.86	7.66	-	7.21	7.21
SALINITY (%)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	0	0.03	-	0.00	0.00
SPECIFIC CONDUCTANCE (MS/CM)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	0.751	1.1	-	0.95	0.95
TEMPERATURE (C)	28/28	--	NC	--	NC	--	NC	--	NC	--	NC	9.32	25.94	-	19.01	19.01
TOTAL DISSOLVED SOLIDS	1/1	--	NC	--	NC	--	NC	--	NC	--	NC	0.63	0.63	-	0.63	0.63
TURBIDITY (NTU)	23/23	--	NC	--	NC	--	NC	--	NC	--	NC	0	62	-	7.44	7.44
Inorganics (UG/L)																
ALUMINUM	18/24	--	NC	0	37000	--	NC	0	370000	--	NC	2.4	195	2.2 - 2.2	17.1	13.1
ANTIMONY	10/24	0	6	0	15	--	NC	0	150	--	NC	0.145	0.958	0.14 - 0.14	0.3	0.2
ARSENIC	24/24	0	10	24	0.045	4	4.5	0	110	--	NC	1.27	5.94	-	3.4	3.4
BARIUM	23/24	0	2000	0	7300	--	NC	0	73000	--	NC	9.29	23.2	0.4 - 0.4	17.3	16.6
BERYLLIUM	3/24	0	4	0	73	--	NC	0	730	--	NC	0.0321	0.0687	0.03 - 0.03	0.0	0.0
CADMIUM	12/24	0	5	0	18	--	NC	0	180	--	NC	0.0437	0.26	0.04 - 0.04	0.1	0.1
CALCIUM	16/16	--	NC	--	NC	--	NC	--	NC	--	NC	108	151	-	133.9	133.9
CHROMIUM	13/24	0	100	--	NC	--	NC	--	NC	--	NC	0.382	17.2	0.15 - 1.12	2.8	1.6
COBALT	23/24	--	NC	0	11	--	NC	0	110	--	NC	0.0308	7.68	0.03 - 0.03	0.5	0.4
COPPER	24/24	1	1300	1	1500	--	NC	0	15000	--	NC	5.83	1790	-	236.8	236.8
IRON	24/24	--	NC	0	26000	--	NC	0	260000	--	NC	9.86	1660	-	236.9	236.9
LEAD	24/24	1	15	--	NC	--	NC	--	NC	--	NC	0.723	25.1	-	4.8	4.8
MAGNESIUM	16/16	--	NC	--	NC	--	NC	--	NC	--	NC	19.7	23.1	-	22.0	22.0
MANGANESE	23/24	--	NC	0	880	--	NC	0	8800	--	NC	0.39	30.6	1.22 - 1.22	5.6	5.4
MERCURY	12/24	0	2	0	0.57	--	NC	0	5.7	0	0.63	0.015	0.077	0.015 - 0.015	0.0	0.0
NICKEL	24/24	--	NC	0	730	--	NC	0	7300	--	NC	1.29	218	-	26.4	26.4
POTASSIUM	16/16	--	NC	--	NC	--	NC	--	NC	--	NC	3.41	8.39	-	7.1	7.1
SELENIUM	20/24	0	50	0	180	--	NC	0	1800	--	NC	0.222	1.73	0.2 - 0.599	0.4	0.4
SILVER	1/24	--	NC	0	180	--	NC	0	1800	--	NC	0.328	0.328	0.12 - 0.12	0.3	0.1
SODIUM	16/16	--	NC	--	NC	--	NC	--	NC	--	NC	9.42	30.7	-	25.0	25.0
TIN	14/24	--	NC	0	22000	--	NC	0	220000	--	NC	0.124	1.37	0.1 - 0.1	0.4	0.2
URANIUM	24/24	0	30	10	1.63	--	163	--	1100	--	NC	1.21	12.1	-	2.2	2.2
VANADIUM	17/24	--	NC	0	180	--	NC	0	2600	--	NC	1.14	5.76	1 - 4.73	3.1	2.6
ZINC	24/24	--	NC	0	11000	--	NC	0	110000	--	NC	41	2070	-	567.8	567.8
Microbiological Parameters																
FECAL COLIFORM (CFU/100)	1/24	1	0	--	NC	--	NC	--	NC	--	NC	2	2	1 - 1	2.0	0.6
TOTAL COLIFORM (CFU/100)	2/24	2	0	--	NC	--	NC	--	NC	--	NC	1	2	1 - 1	1.5	0.6

NC-No Criteria
J-Estimated value

TABLE 3.8-4

STUDY AREA 08
PUBLIC SUPPLIED TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Miscellaneous Parameters (MG/L)																
CHLORIDE	24/24	--	NC	--	NC	--	NC	--	NC	--	NC	28.7	54.9	-	45.01	45.01
FLUORIDE	24/24	0	4	0	1.5	--	NC	--	15	--	NC	0.297	0.53	-	0.38	0.38
NITRATE	24/24	0	44.3	0	58	--	NC	0	580	--	NC	7.88 J	11.6	-	10.29	10.29
SULFATE	24/24	--	NC	--	NC	--	NC	--	NC	--	NC	11.1	15.5	-	12.80	12.80
Semivolatile Organics (UG/L)																
2,6-DINITROTOLUENE	1/18	--	NC	0	37	--	NC	0	370	--	NC	2.17 J	2.17 J	0.0947 - 0.106	2.17	0.17
BIS(2-ETHYLHEXYL)PHTHALATE	1/18	0	6	0	4.8	0	480	0	7300	--	NC	1.6 J	1.6 J	1.33 - 1.48	1.60	0.74
DIETHYL PHTHALATE	2/18	--	NC	0	29000	--	NC	0	290000	--	NC	0.561 J	0.604 J	0.189 - 0.212	0.58	0.15
Volatile Organics (UG/L)																
ACETONE	1/24	--	NC	0	22000	--	NC	0	220000	0	64000	4.45 J	4.45 J	1 - 1	4.45	0.66
BROMODICHLOROMETHANE	2/24	0	80	2	0.12	0	12	0	7300	--	NC	0.135 J	0.422 J	0.1 - 0.12	0.28	0.08
BROMOFORM	23/24	0	80	0	8.5	0	850	0	7300	--	NC	1.23	6.57	0.06 - 0.06	3.57	3.42
CHLORODIBROMOMETHANE	22/24	0	80	22	0.15	0	15	0	7300	--	NC	0.208 J	1.73	0.1 - 0.1	0.40	0.37
CHLOROFORM	3/24	0	80	1	0.19	0	19	0	1300	1	0.21	0.0998 J	0.256 J	0.09 - 0.09	0.17	0.06
METHYLENE CHLORIDE	1/24	0	5	0	4.8	0	480	0	11000	0	10	0.954 J	0.954 J	0.2 - 0.69	0.95	0.30
TETRACHLOROETHENE	2/24	0	5	1	0.11	0	11	0	2200	0	0.82	0.0904 J	0.413 J	0.07 - 0.1	0.25	0.06
Radiological Parameters (PCI/L)																
GROSS ALPHA	6/24	0	15	--	NC	--	NC	--	NC	--	NC	1.6	3.8	1.1 - 2.95	2.07	1.17
GROSS BETA	21/24	10	8	--	NC	--	NC	--	NC	--	NC	3.95	24.6	2.56 - 6	8.75	7.95

NC-No Criteria
J-Estimated value

TABLE 3.8-5

STUDY AREA 08
WELL SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	0302 0302TW001 RESIDENTIAL PHASE II 20090323 STUDY AREA 08 6132238012298 WELL	0333 0333TW001 RESIDENTIAL PHASE I 20080609 STUDY AREA 08 6132241001150 WELL	0333 0333TW002 RESIDENTIAL PHASE I-RESAMPLE 20080722 STUDY AREA 08 6132241001150 WELL	0488 0488TW001 RESIDENTIAL PHASE II 20081128 STUDY AREA 08 6129420604112 WELL	0488 0488TW002 RESIDENTIAL PHASE II 20090703 STUDY AREA 08 6129420604112 WELL	2032 2032TW001 RESIDENTIAL PHASE II 20090314 STUDY AREA 08 6132238012339 WELL
Shaded cell indicates exceedances of screening level											
Blank Cells indicate that parameter was not analyzed.											
Dioxins/Furans (NG/L)											
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00053 U	0.00031 U		0.00044 J		0.00024 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00055 U	0.00026 J		0.00025 U		0.00057 J
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00043 U	0.00036 J		0.000221 U		0.0005 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00035 U	0.000142 U		0.000221 J		0.00026 J
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00025 U	0.00041 J		0.00025 U		0.00038 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00038 J	0.00031 J		0.000294 U		0.00033 U
TEQ	NC	0.00052	0.052	0.37	NC	0.00038	0.000413		0.0000265		0.000083
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0019 J	0.0027 J		0.0014 J		0.0015 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0013 J	0.0086 J		0.00088 J		0.00079 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.0013 J	0.00071 J		0.00069 U		0.0013 J
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0014 J	0.004 J		0.001 J		0.0014 J
TOTAL PECDD	NC	NC	NC	NC	NC	0.001028 U	0.00045 J		0.000712 U		0.00062 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.00065 J	0.0013 J		0.00056 J		0.00091 J
TOTAL TCDF	NC	NC	NC	NC	NC	0.000451 U	0.0021 J		0.000442 U		0.0006 J
Volatile Organics (UG/L)											
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.11 J		0.09 U		0.09 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	**0.639 J [R]**	**29.97 [F][R][C][INH]**		**0.533 J [R]**		**0.462 J [R]**
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.13 U		0.2 J		0.13 U
Radiological Parameters (PCI/L)											
GROSS ALPHA	15	NC	NC	NC	NC	6.44	5.4		6.2		10.1
GROSS BETA	8	NC	NC	NC	NC	**36.8 [F]**	**53.5 [F]**		**62.2 [F]**		**46 [F]**
RADIUM-228	NC	NC	NC	NC	NC					0.793	0.402 U
Inorganics (UG/L)											
ALUMINUM	NC	37000	NC	370000	NC	120	3.71		4.19		3.75
ANTIMONY	6	15	NC	150	NC	0.222 U	0.255		0.477		0.159
ARSENIC	10	0.045	4.5	110	NC	**7.62 [R][C]**	**5.61 [R][C]**		**7.66 [R][C]**		**2.63 [R]**
BARIUM	2000	7300	NC	73000	NC	7.81	4		1.95		16.5
BERYLLIUM	4	73	NC	730	NC	0.127 U	0.167		0.452		0.03 U
CADMIUM	5	18	NC	180	NC	0.0633	0.0577		0.04 U		0.757
CALCIUM	NC	NC	NC	NC	NC	110			103		96.4
COBALT	NC	11	NC	110	NC	0.246	0.105		0.0713		0.488
COPPER	1300	1500	NC	15000	NC	451	64.5 J		39.7		230
IRON	NC	26000	NC	260000	NC	160	6.27		8.83		588
LEAD	15	NC	NC	NC	NC	1.31	1.8		1.74		3.61
MAGNESIUM	NC	NC	NC	NC	NC	22.1			32.3		20.6
MANGANESE	NC	880	NC	8800	NC	4.42	0.393		1.64		37.1
MERCURY	2	0.57	NC	5.7	0.63	0.048	0.015 U		0.026		0.017
NICKEL	NC	730	NC	7300	NC	1.48	1.04		0.374		9.9
POTASSIUM	NC	NC	NC	NC	NC	44.5			46.5		43.8
SELENIUM	50	180	NC	1800	NC	0.539	1.39		0.419		0.2 U
SODIUM	NC	NC	NC	NC	NC	67.5			100		65.9
TIN	NC	22000	NC	220000	NC	0.143	0.1 U		0.69		0.1 U
URANIUM	30	1.63	163	1100	NC	**9.7**	**13**		**13.4**		**19.5**
VANADIUM	NC	180	NC	2600	NC	8.32	13.2		11.6		1.45
ZINC	NC	11000	NC	110000	NC	315	111 J		56.9		**14800 [R]**

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.8-5

STUDY AREA 08
WELL SUPPLIED TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	0302 0302TW001 RESIDENTIAL PHASE II 20090323 STUDY AREA 08 6132238012298 WELL	0333 0333TW001 RESIDENTIAL PHASE I 20080609 STUDY AREA 08 6132241001150 WELL	0333 0333TW002 RESIDENTIAL PHASE I-RESAMPLE 20080722 STUDY AREA 08 6132241001150 WELL	0488 0488TW001 RESIDENTIAL PHASE II 20081128 STUDY AREA 08 6129420604112 WELL	0488 0488TW002 RESIDENTIAL PHASE II 20090703 STUDY AREA 08 6129420604112 WELL	2032 2032TW001 RESIDENTIAL PHASE II 20090314 STUDY AREA 08 6132238012339 WELL
Shaded cell indicates exceedances of screening level											
Blank Cells indicate that parameter was not analyzed.											
Microbiological Parameters											
FECAL STREPTOCOCCUS (CFU/100)	0	NC	NC	NC	NC		**4 [F]**	0			
PLATE COUNT	500	NC	NC	NC	NC		480	75			
TOTAL COLIFORM (CFU/100)	0	NC	NC	NC	NC	**94.5 [F]**	**165 [F]**	**8.7 [F]**	**17.8 J [F]**		**19.2 [F]**
Miscellaneous Parameters (MG/L)											
CHLORIDE	NC	NC	NC	NC	NC	95.5	74.6 J		97.2		92.7
FLUORIDE	4	1.5	NC	15	NC	1.23	0.93		**1.54**		1.13
NITRATE	44.3	58	NC	580	NC	**110 [F]**	**88.4 J [F]**		**77.7 J [F]**		**80.8 J [F]**
NITRITE	3.29	12.21	NC	37	NC	0.2 U	0.2 U		0.2 UJ		3.24 J
SULFATE	NC	NC	NC	NC	NC	77.7	73.8 J		61.9		85.7
Field Parameters											
CHLORINE (MG/L)	4	3.7	NC	37	NC	0	0	0	0	0.06	0
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	5.05	4.59	4.36	5.8	10.35	3.71
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	346	166	338	330	239	201
PH (S.U.)	NC	NC	NC	NC	NC	7.11	6.95	7.39	7	7.04	7.48
SALINITY (%)	NC	NC	NC	NC	NC	0.1	0.1	0.1	0.1	0.03	0.03
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	1.25	1.1	1.2	1.41	1.23	1.09
TEMPERATURE (C)	NC	NC	NC	NC	NC	14.44	19.5	21.57	14.76	19.38	14.15
TURBIDITY (NTU)	NC	NC	NC	NC	NC	53.3			5.3	0	3.1

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 3.8-6

STUDY AREA 08
WELL SUPPLIED TAP WATER - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)																
1,2,3,4,7,8,9-HPCDF	1/4	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.00044 J	0.00044 J	0.00024 - 0.00053	0.0004	0.0002
1,2,3,4,7,8-HXCDD	2/4	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00026 J	0.00057 J	0.00025 - 0.00055	0.0004	0.0003
1,2,3,6,7,8-HXCDD	1/4	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00036 J	0.00036 J	0.000221 - 0.0005	0.0004	0.0002
1,2,3,7,8,9-HXCDD	2/4	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.000221 J	0.00026 J	0.000142 - 0.00035	0.0002	0.0002
2,3,4,6,7,8-HXCDF	1/4	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00041 J	0.00041 J	0.00025 - 0.00038	0.0004	0.0002
2,3,7,8-TCDD	2/4	0	0.03	0	0.00052	0	0.052	0	0.37	--	NC	0.00031 J	0.00038 J	0.000294 - 0.00033	0.0003	0.0003
TEQ	4/4	--	NC	0	0.00052	0	0.052	0	0.37	--	NC	0.0000265	0.000413	-	0.0002	0.0002
TOTAL HPCDD	4/4	--	NC	--	NC	--	NC	--	NC	--	NC	0.0014 J	0.0027 J	-	0.0019	0.0019
TOTAL HPCDF	4/4	--	NC	--	NC	--	NC	--	NC	--	NC	0.00079 J	0.0086 J	-	0.0029	0.0029
TOTAL HXCDD	3/4	--	NC	--	NC	--	NC	--	NC	--	NC	0.00071 J	0.0013 J	0.00069 - 0.00069	0.0011	0.0009
TOTAL HXCDD	3/4	--	NC	--	NC	--	NC	--	NC	--	NC	0.00071 J	0.0013 J	0.00069 - 0.00069	0.0011	0.0009
TOTAL HXCDF	4/4	--	NC	--	NC	--	NC	--	NC	--	NC	0.001 J	0.004 J	-	0.0020	0.0020
TOTAL PECDD	1/4	--	NC	--	NC	--	NC	--	NC	--	NC	0.00045 J	0.00045 J	0.00062 - 0.001028	0.0005	0.0004
TOTAL PECDF	4/4	--	NC	--	NC	--	NC	--	NC	--	NC	0.00056 J	0.0013 J	-	0.0009	0.0009
TOTAL TCDF	2/4	--	NC	--	NC	--	NC	--	NC	--	NC	0.0006 J	0.0021 J	0.000442 - 0.000451	0.0014	0.0008
Field Parameters																
CHLORINE (MG/L)	5/5	0	4	0	3.7	--	NC	0	37	--	NC	0	0.06	-	0.01	0.01
DISSOLVED OXYGEN (MG/L)	5/5	--	NC	--	NC	--	NC	--	NC	--	NC	3.71	10.35	-	5.85	5.85
OXIDATION REDUCTION POTENTIAL (MV)	5/5	--	NC	--	NC	--	NC	--	NC	--	NC	201	346	-	290.80	290.80
PH (S.U.)	5/5	--	NC	--	NC	--	NC	--	NC	--	NC	7	7.48	-	7.20	7.20
SALINITY (%)	5/5	--	NC	--	NC	--	NC	--	NC	--	NC	0.03	0.1	-	0.07	0.07
SPECIFIC CONDUCTANCE (MS/CM)	5/5	--	NC	--	NC	--	NC	--	NC	--	NC	1.09	1.41	-	1.24	1.24
TEMPERATURE (C)	5/5	--	NC	--	NC	--	NC	--	NC	--	NC	14.15	21.57	-	16.86	16.86
TURBIDITY (NTU)	4/4	--	NC	--	NC	--	NC	--	NC	--	NC	0	53.3	-	15.43	15.43
Inorganics (UG/L)																
ALUMINUM	4/4	--	NC	0	37000	--	NC	0	370000	--	NC	3.71	120	-	32.9	32.9
ANTIMONY	3/4	0	6	0	15	--	NC	0	150	--	NC	0.159	0.477	0.222 - 0.222	0.3	0.3
ARSENIC	4/4	0	10	4	0.045	3	4.5	0	110	--	NC	2.63	7.66	-	5.9	5.9
BARIUM	4/4	0	2000	0	7300	--	NC	0	73000	--	NC	1.95	16.5	-	7.6	7.6
BERYLLIUM	2/4	0	4	0	73	--	NC	0	730	--	NC	0.167	0.452	0.03 - 0.127	0.3	0.2
CADMIUM	3/4	0	5	0	18	--	NC	0	180	--	NC	0.0577	0.757	0.04 - 0.04	0.3	0.2
CALCIUM	3/3	--	NC	--	NC	--	NC	--	NC	--	NC	96.4	110	-	103.1	103.1
COBALT	4/4	--	NC	0	11	--	NC	0	110	--	NC	0.0713	0.488	-	0.2	0.2
COPPER	4/4	0	1300	0	1500	--	NC	0	15000	--	NC	39.7	451	-	196.3	196.3
IRON	4/4	--	NC	0	26000	--	NC	0	260000	--	NC	6.27	588	-	190.8	190.8
LEAD	4/4	0	15	--	NC	--	NC	--	NC	--	NC	1.31	3.61	-	2.1	2.1
MAGNESIUM	3/3	--	NC	--	NC	--	NC	--	NC	--	NC	20.6	32.3	-	25.0	25.0
MANGANESE	4/4	--	NC	0	880	--	NC	0	8800	--	NC	0.393	37.1	-	10.9	10.9
MERCURY	3/4	0	2	0	0.57	--	NC	0	5.7	0	0.63	0.017	0.048	0.015 - 0.015	0.0	0.0
NICKEL	4/4	--	NC	0	730	--	NC	0	7300	--	NC	0.374	9.9	-	3.2	3.2
POTASSIUM	3/3	--	NC	--	NC	--	NC	--	NC	--	NC	43.8	46.5	-	44.9	44.9
SELENIUM	3/4	0	50	0	180	--	NC	0	1800	--	NC	0.419	1.39	0.2 - 0.2	0.8	0.6
SODIUM	3/3	--	NC	--	NC	--	NC	--	NC	--	NC	65.9	100	-	77.8	77.8
TIN	2/4	--	NC	0	22000	--	NC	0	220000	--	NC	0.143	0.69	0.1 - 0.1	0.4	0.2
URANIUM	4/4	0	30	4	1.63	--	163	--	1100	--	NC	9.7	19.5	-	13.9	13.9
VANADIUM	4/4	--	NC	0	180	--	NC	0	2600	--	NC	1.45	13.2	-	8.6	8.6
ZINC	4/4	--	NC	1	11000	--	NC	0	110000	--	NC	56.9	14800	-	3820.7	3820.7
Microbiological Parameters																
PLATE COUNT (CFU/1)	1/1	0	500	--	NC	--	NC	--	NC	--	NC	75	75	-	75.0	75.0
TOTAL COLIFORM (CFU/100)	4/4	4	0	--	NC	--	NC	--	NC	--	NC	8.7	94.5	-	35.1	35.1
Miscellaneous Parameters (MG/L)																
CHLORIDE	4/4	--	NC	--	NC	--	NC	--	NC	--	NC	74.6 J	97.2	-	90.00	90.00
FLUORIDE	4/4	0	4	1	1.5	--	NC	--	15	--	NC	0.93	1.54	-	1.21	1.21
NITRATE	4/4	4	44.3	4	58	--	NC	0	580	--	NC	77.7 J	110	-	89.23	89.23
NITRITE	1/4	0	3.29	0	12.21	--	NC	0	37	--	NC	3.24 J	3.24 J	0.2 - 0.2	3.24	0.89
SULFATE	4/4	--	NC	--	NC	--	NC	--	NC	--	NC	61.9	85.7	-	74.78	74.78
Volatile Organics (UG/L)																
CHLOROFORM	1/4	0	80	0	0.19	0	19	0	1300	0	0.21	0.11 J	0.11 J	0.09 - 0.09	0.11	0.06
TETRACHLOROETHENE	4/4	1	5	4	0.11	1	11	0	2200	1	0.82	0.462 J	29.97	-	7.90	7.90
TRICHLOROETHENE	1/4	0	5	0	2	0	200	--	NC	0	2.4	0.2 J	0.2 J	0.13 - 0.13	0.20	0.10
Radiological Parameters (PCI/L)																
GROSS ALPHA	4/4	0	15	--	NC	--	NC	--	NC	--	NC	5.4	10.1	-	7.04	7.04
GROSS BETA	4/4	4	8	--	NC	--	NC	--	NC	--	NC	36.8	62.2	-	49.63	49.63
RADIUM-228	1/2	--	NC	--	NC	--	NC	--	NC	--	NC	0.793	0.793	0.402 - 0.402	0.79	0.50

NC-No Criteria
J-Estimated value

TABLE 3.8-7

STUDY AREA 08
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0120	0246	0290	0419	0502	0525	1638	1827	1835	1846	1847	1865	1874
Sample ID		0120SS0010006	0246SS0010006	0290SS0010006	0419SS0010006	0502SS0010006	0525SS0010006	1638SS0010006	1827SS0010006	1835SS0010006	1846SS0010006	1847SS0010006	1865SS0010006	1874SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090204	20081120	20090212	20090207	20090212	20090202	20090126	20090211	20090210	20090209	20090209	20090206	20090205
Study Area		STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID		6129400602082	6132215214032	6132136112223	6132201802025	6129418202036	6129414806036	6130341412100	6132540002297	6129420604033	6132529210191	6132230802090	6132237202041	6129418204130
Likely Water Source		PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level														
Dioxins/Furans (NG/KG)														
1,2,3,4,6,7,8,9-OCDD	15000	18	13	13 J	39	6.7 J	35	2.6 U	6.2 J	6.7 J	11 J	7.2 J	38	7.5 J
1,2,3,4,6,7,8,9-OCDF	15000	0.96 U	1.1 U	1.4 J	3.5 J	1.8 J	0.78 U	0.3 U	1.1 J	0.61 U	3.2 J	1.5 J	2 J	0.97 J
1,2,3,4,6,7,8-HPCDD	450	2.7 J	2.1 U	3.1 J	6.1 J	1.4 U	4.5 J	0.62 U	1.3 U	1.3 J	2.4 J	2.6 J	6.6 J	1.4 J
1,2,3,4,6,7,8-HPCDF	450	0.91 U	1.2 J	2.4 J	2.1 J	0.51 U	1.3 U	0.42 U	0.67 U	0.68 J	2 J	4.1 J	2.5 J	1.1 J
1,2,3,4,7,8,9-HPCDF	450	0.1 J	0.14 U	0.49 J	0.1 J	0.057 U	0.22 J	0.06 J	0.12 U	0.091 U	0.15 J	0.44 J	0.21 J	0.11 U
1,2,3,4,7,8-HXCDD	45	0.066 U	0.081173 U	0.54 J	0.16 U	0.048158 U	0.12 U	0.057 U	0.083 U	0.061 U	0.15 U	0.15 U	0.19 U	0.085152 U
1,2,3,4,7,8-HXCDF	45	0.41 J	0.44 J	1.5 J	0.61 J	0.099 U	0.66 J	0.15 U	0.13 U	0.1 U	0.72 J	1.3 J	9.1	0.33 J
1,2,3,6,7,8-HXCDD	45	0.21 U	0.28 U	0.75 J	0.39 J	0.14 U	0.2 U	0.084 U	0.15 U	0.094 U	0.22 U	0.29 J	0.44 J	0.24 J
1,2,3,6,7,8-HXCDF	45	0.25 U	0.27 J	0.77 J	0.44 J	0.1 U	0.24 U	0.072 U	0.12 U	0.089 U	0.46 J	1.2 J	0.42 J	0.29 J
1,2,3,7,8,9-HXCDD	45	0.11 U	0.31 U	0.53 J	0.31 J	0.059 J	0.21 U	0.099 U	0.12 U	0.058 U	0.16 U	0.33 J	0.34 U	0.47 J
1,2,3,7,8,9-HXCDF	45	0.1102 U	0.079241 U	0.36 J	0.11 J	0.068 J	0.151 U	0.084 U	0.096 U	0.114 U	0.1 U	0.2 J	0.163 U	0.114516 U
1,2,3,7,8-PECDD	4.5	0.079 U	0.36 J	0.48 J	0.14 U	0.059489 U	0.115 U	0.084 U	0.094 U	0.075 U	0.16 U	0.17 U	0.15 U	0.193796 U
1,2,3,7,8-PECDF	150	0.25 J	0.25 J	0.74 J	0.57 J	0.13 U	0.31 U	0.17 U	0.24 U	0.7 J	0.53 J	0.85 J	0.48 J	0.37 J
2,3,4,6,7,8-HXCDF	45	0.23 J	0.27 U	0.71 J	0.43 J	0.082 U	0.25 U	0.13 U	0.13 U	0.1 U	0.45 J	0.92 J	0.39 J	0.3 J
2,3,4,7,8-PECDF	15	0.35 U	0.37 J	0.8 J	0.57 J	0.21 U	0.33 U	0.21 U	0.23 U	0.22 U	0.55 J	0.89 J	0.52 J	0.41 J
2,3,7,8-TCDD	4.5	0.079 U	0.041 U	0.24 J	0.089 J	0.051 U	0.14 U	0.099 U	0.13 U	0.066 U	0.078 J	0.079 J	0.11 U	0.11 U
2,3,7,8-TCDF	45	0.33 U	0.3 J	0.91 U	0.82 J	0.33 U	0.32 U	0.27 U	0.29 U	0.41 U	0.57 U	0.47 U	0.64 U	0.55 U
TEQ	4.5	0.10	0.60	1.56	0.68	0.02	0.12	0.0006	0.0022	0.04	0.47	0.87	1.31	0.32
TOTAL HPCDD	NC	4.9 J	4.5 J	5.6 J	11 J	2.5 J	8.1 J	1.1 J	2.3 J	2.2 J	4.7 J	4.9 J	13 J	2.6 J
TOTAL HPCDF	NC	2.5 J	2.3 J	4.1 J	6.6 J	1 J	3.3 J	0.73 J	1.3 J	1.3 J	3.4 J	5.8 J	7.1 J	2 J
TOTAL HXCDD	NC	2.5 J	3.7 J	7.5 J	6.5 J	1.2 J	2.8 J	0.86 J	1.5 J	1.3 J	5.7 J	3.8 J	5.8 J	2.6 J
TOTAL HXCDF	NC	4 J	4.5 J	7.9 J	9.5 J	1.3 J	3.8 J	0.95 J	1.7 J	2.2 J	6.3 J	12 J	20 J	3 J
TOTAL PECDD	NC	2.4 J	4	5.9	8.3	1 J	1.7 J	0.084 J	0.32 J	0.65 J	6.3	2.9 J	4.6	2.3 J
TOTAL PECDF	NC	3.5 J	4.3 J	8.8 J	11 J	1.2 J	1.8 J	0.83 J	0.87 J	5.2 J	7.2 J	8.9 J	24	2 J
TOTAL TCDD	NC	1.9	4.3	6.2	8.8	1.4 J	1.6 J	1.1 J	1.2 J	1.2 J	6	3	6.4	2.2
TOTAL TCDF	NC	3.7 J	6.3 J	13 J	16 J	2.4 J	2.6 J	2.1 J	3.3 J	2 J	9.8 J	11 J	14 J	5.8 J
Volatile Organics (MG/KG)														
1,1,2-TRICHLOROTRIFLUOROETHANE	43000	0.000994 U	0.00112 J	0.00126 J	0.00102 U	0.000988 UJ	0.000993 U	0.00108 U	0.00185 J	0.001 U	0.000965 U	0.001 J	0.000971 U	0.00104 U
1,2,3-TRICHLOROBENZENE	49	0.00071 U	0.000693 U	0.00077 UJ	0.000729 U	0.000705 UJ	0.000709 U	0.000773 U	0.000728 U	0.000717 U	0.00069 U	0.00155 J	0.000694 U	0.000746 U
1,2,4-TRICHLOROBENZENE	22	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.0018 J	0.000416 U	0.000448 U
1,2,4-TRIMETHYLBENZENE	62	0.000568 U	0.000554 U	0.000616 UJ	0.000583 U	0.000564 UJ	0.000567 U	0.000618 U	0.000582 U	0.000573 U	0.000552 U	0.000928 J	0.000555 U	0.000597 U
1,2-DICHLOROBENZENE	1900	0.000142 U	0.000139 U	0.000154 UJ	0.000146 U	0.000141 UJ	0.000142 U	0.000155 U	0.000146 U	0.000143 U	0.000138 U	0.00103 J	0.000139 U	0.000149 U
1,3,5-TRIMETHYLBENZENE	780	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.000981 J	0.000277 U	0.000298 U
1,3-DICHLOROBENZENE	NC	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.00143 J	0.000277 U	0.000298 U
1,4-DICHLOROBENZENE	2.4	0.000142 U	0.000139 U	0.000154 UJ	0.000146 U	0.000141 UJ	0.000142 U	0.000155 U	0.000146 U	0.000143 U	0.000138 U	0.0014 J	0.000139 U	0.000149 U
2,2-DICHLOROPROPANE	NC	0.00071 U	0.000693 U	0.00077 UJ	0.000729 U	0.000705 UJ	0.000709 U	0.00158 J	0.000728 U	0.000717 U	0.00069 U	0.000729 U	0.000694 U	0.000746 U
2-CHLOROTOLUENE	1600	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.000947 J	0.000416 U	0.000448 U
4-CHLOROTOLUENE	5500	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.00109 J	0.000277 U	0.000298 U
4-ISOPROPYLTOLUENE	NC	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.00879 J	0.000291 U	0.000287 U	0.000276 U	0.00111 J	0.000277 U	0.000298 U
ACETONE	61000	0.00824 U	0.00804 U	0.00894 UJ	0.0285 U	0.00818 UJ	0.00823 U	0.00897 U	0.0239	0.00832 U	0.0137 U	0.0285 U	0.00804 J	0.00866 U
CHLOROBENZENE	290	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.000683 J	0.000277 U	0.000298 U
CHLOROFORM	0.29	0.000994 U	0.00097 U	0.00132 J	0.00102 U	0.000988 J	0.000993 U	0.00108 U	0.00102 U	0.001 U	0.000965 U	0.00102 U	0.000971 U	0.00104 U
ETHYLBENZENE	5.4	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.00066 J	0.000416 U	0.000448 U
ISOPROPYLBENZENE	2100	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.00405 J	0.000291 U	0.000287 U	0.000276 U	0.000791 J	0.000277 U	0.000298 U
M+P-XYLENES	NC	0.000852 U	0.000831 U	0.000924 UJ	0.000875 U	0.000846 UJ	0.000851 U	0.000928 U	0.000873 U	0.00086 U	0.000827 U	0.00147 J	0.000832 U	0.000896 U
METHYLENE CHLORIDE	11	0.00142 U	0.00139 U	0.00154 UJ	0.00146 U	0.00141 J	0.00142 U	0.00155 U	0.00146 U	0.00143 U	0.00138 U	0.00146 U	0.00139 U	0.00149 U
N-BUTYLBENZENE	NC	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.00146 J	0.000277 U	0.000298 U
N-PROPYLBENZENE	3400	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.00116 J	0.000416 U	0.000448 U
O-XYLENE	3800	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.000523 J	0.000277 U	0.000298 U
SEC-BUTYLBENZENE	NC	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.00102 J	0.000277 U	0.000298 U
STYRENE	6300	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.000421 J	0.000277 U	0.000298 U
TERT-BUTYLBENZENE	NC	0.000568 U	0.000554 U	0.000616 UJ	0.000583 U	0.000564 UJ	0.000567 U	0.00139 J	0.000582 U	0.000573 U	0.000552 U	0.000709 J	0.000555 U	0.000597 U
TETRACHLOROETHENE	0.55	0.000852 U	0.000831 U	0.000924 UJ	0.000875 U	0.000846 UJ	0.000851 U	0.000928 U	0.000873 U	0.00086 J	0.000827 U	0.00136 J	0.000832 U	0.000896 U
TOLUENE	5000	0.00071 J	0.00237 J	0.00681 J	0.0153	0.00353 J	0.000709 U	0.000773 U	0.108	0.00569 J	0.0151	0.0146	0.000832 J	0.000746 J
TRICHLOROETHENE	2.8	0.00071 U	0.000693 U	0.00077 UJ	0.000729 U	0.000705 UJ	0.000709 U	0.000773 U	0.000728 U	0.000717 U	0.00069 U	0.0006 J	0.000694 U	0.000746 U

NC-No Criteria
J-Estimated Value
U-Not detected at that value
[R]-Exceeds Tap Water RSL

TABLE 3.8-7

STUDY AREA 08
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0120	0246	0290	0419	0502	0525	1638	1827	1835	1846	1847	1865	1874
Sample ID		0120SS0010006	0246SS0010006	0290SS0010006	0419SS0010006	0502SS0010006	0525SS0010006	1638SS0010006	1827SS0010006	1835SS0010006	1846SS0010006	1847SS0010006	1865SS0010006	1874SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090204	20081120	20090212	20090207	20090212	20090202	20090126	20090211	20090210	20090209	20090209	20090206	20090205
Study Area		STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID		6129400602082	6132215214032	6132136112223	6132201802025	6129418202036	6129414806036	6130341412100	6132540002297	6129420604033	6132529210191	6132230802090	6132237202041	6129418204130
Likely Water Source		PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level														
Semivolatile Organics (MG/KG)														
1,1-BIPHENYL	3900	0.0213 U	0.0305 J	0.0228 UJ	0.0219 U	0.0208 UJ	0.0333 U	0.0233 U	0.029 J	0.0215 U	0.0205 U	0.0217 U	0.0293 J	0.0221 U
1,2,4,5-TETRACHLOROBENZENE	18	0.017 U	0.0472 J	0.0182 U	0.0175 U	0.0166 U	0.0266 U	0.0186 U	0.0175 U	0.0172 U	0.0164 U	0.0173 U	0.0166 U	0.0177 U
2,4,6-TRICHLOROPHENOL	44	0.0936 UJ	0.102 J	0.1 UJ	0.0962 U	0.0915 UJ	0.146 UJ	0.102 UJ	0.096 J	0.0944 U	0.0901 UJ	0.0953 U	0.0913 J	0.0972 U
2,4-DICHLOROPHENOL	180	0.109 UJ	0.123 J	0.117 UJ	0.112 U	0.107 UJ	0.171 J	0.12 UJ	0.184 J	0.11 U	0.105 UJ	0.111 U	0.182 J	0.113 U
2,4-DIMETHYLPHENOL	1200	0.21 UJ	0.198 J	0.225 UJ	0.216 U	0.205 UJ	0.328 UJ	0.23 UJ	0.215 J	0.212 U	0.202 UJ	0.214 U	0.205 J	0.218 U
2,6-DICHLOROPHENOL	NC	0.0666 UJ	0.187 J	0.0714 UJ	0.0685 U	0.0651 UJ	0.104 J	0.073 UJ	0.165 J	0.0673 U	0.0642 UJ	0.0678 U	0.167 J	0.0692 U
2-CHLORONAPHTHALENE	6300	0.0113 U	0.0319 J	0.0122 U	0.0117 U	0.0111 U	0.0178 U	0.0124 U	0.0264 J	0.0114 U	0.0109 U	0.0115 U	0.0111 U	0.0118 U
2-CHLOROPHENOL	390	0.0709 UJ	0.18 J	0.076 UJ	0.0729 U	0.0693 UJ	0.111 J	0.0776 UJ	0.0728 U	0.0716 U	0.0683 UJ	0.0722 U	0.171 J	0.0736 U
2-METHYLNAPHTHALENE	310	0.0241 U	0.0227 J	0.0258 U	0.0248 U	0.0236 U	0.0377 U	0.0264 U	0.0364 J	0.0243 U	0.0232 U	0.0245 U	0.0394 J	0.025 U
2-METHYLPHENOL	3100	0.142 UJ	0.223 J	0.152 UJ	0.146 U	0.139 UJ	0.222 J	0.155 UJ	0.184 J	0.143 U	0.137 UJ	0.144 U	0.185 J	0.147 U
2-NITROPHENOL	NC	0.0893 UJ	0.126 J	0.0957 UJ	0.0918 U	0.0873 UJ	0.14 UJ	0.0978 UJ	0.0919 J	0.0902 U	0.086 UJ	0.0909 U	0.121 J	0.0927 U
3&4-METHYLPHENOL	NC	0.163 UJ	0.398 J	0.175 U	0.168 U	0.159 UJ	0.27 J	0.179 UJ	0.441	0.165 U	0.157 UJ	0.166 U	0.413	0.169 U
4-CHLOROANILINE	2.4	0.0326 U	0.0696 J	0.0349 U	0.0335 U	0.0319 U	0.051 U	0.0357 U	0.0335 U	0.0329 U	0.0314 U	0.0332 U	0.0318 U	0.0339 U
ACENAPHTHENE	3400	0.0142 U	0.0175 J	0.0152 U	0.0146 U	0.0139 U	0.0222 U	0.0155 U	0.0146 U	0.0143 U	0.0137 U	0.0144 U	0.0138 U	0.0147 U
ACENAPHTHYLENE	3400	0.0128 U	0.0131 J	0.0137 U	0.0131 U	0.0125 U	0.02 U	0.014 U	0.0131 U	0.0129 U	0.0123 U	0.013 U	0.0125 U	0.0132 U
ANILINE	85	0.0284 U	0.106 J	0.0304 U	0.0292 U	0.0277 U	0.0444 U	0.031 U	0.0291 U	0.0286 U	0.0273 U	0.0289 U	0.0277 U	0.0294 U
BAP EQUIVALENT	0.015	0.0241 U	0.0227 U	0.0258 U	0.0248 U	0.0236 U	0.0377 U	0.0264 U	0.0247 U	0.0243 U	0.0232 U	0.0245 U	0.0235 U	0.025 U
BIS(2-ETHYLHEXYL)PHTHALATE	35	0.149 U	0.481	0.16 U	0.153 J	0.146 U	0.233 U	0.163 U	0.153 U	0.15 U	0.143 U	0.152 U	0.145 U	0.155 U
DI-N-BUTYL PHTHALATE	6100	0.061 U	0.0575 U	0.0653 U	0.0627 J	0.0596 U	0.0954 U	0.0668 J	0.0626 U	0.0615 U	0.0587 U	0.0621 U	0.0595 U	0.0633 U
DIBENZO(A,H)ANTHRACENE	0.015	0.0255 U	0.0241 U	0.0274 U	0.0262 U	0.0249 U	0.04 U	0.0279 U	0.0262 U	0.0258 U	0.0246 U	0.026 U	0.0249 U	0.0265 U
DIBENZOFURAN	78	0.0142 U	0.0134 J	0.0152 U	0.0146 U	0.0139 U	0.0222 U	0.0155 U	0.0146 U	0.0143 U	0.0137 U	0.0144 U	0.0138 U	0.0147 U
HEXACHLOROBUTADIENE	6.2	0.0142 U	0.057 J	0.0152 U	0.0146 U	0.0139 U	0.0222 U	0.0155 U	0.0146 U	0.0143 U	0.0137 U	0.0144 U	0.0138 U	0.0147 U
NAPHTHALENE	3.6	0.00851 U	0.0529 J	0.00912 U	0.00875 U	0.00832 U	0.0133 U	0.00932 U	0.0283 J	0.00859 U	0.00819 U	0.00866 U	0.0389 J	0.00883 U
NITROBENZENE	4.8	0.0213 U	0.0556 J	0.0228 U	0.0219 U	0.0208 U	0.0333 U	0.0233 U	0.0218 U	0.0215 U	0.0205 U	0.0217 U	0.0208 U	0.0221 U
O-TOLUIDINE	NC	0.0255 U	0.127 J	0.0274 U	0.0262 U	0.0249 U	0.04 U	0.0279 U	0.0262 U	0.0258 U	0.0246 U	0.026 U	0.0347 J	0.0265 U
PHENOL	18000	0.0482 UJ	0.213 J	0.0517 UJ	0.0496 U	0.0471 UJ	0.0755 UJ	0.0528 UJ	0.0495 U	0.0487 U	0.0464 UJ	0.0491 U	0.0471 U	0.05 U
Inorganics (MG/KG)														
ALUMINUM	77000	38900	57300	53700	56200	36400	**80700 [R]**	34200	60300	46600	35900	59600	53300	53800
ANTIMONY	31	0.53	0.506	0.593	0.645	0.38	0.717	0.752	0.531	0.461	0.58	0.522	0.678	0.544
ARSENIC	0.39	**12.5 [R]**	**14.9 [R]**	**16.8 [R]**	**16.9 [R]**	**11.3 [R]**	**15.2 [R]**	**14.4 [R]**	**17 [R]**	**14.3 [R]**	**10.6 [R]**	**16.5 [R]**	**15.4 [R]**	**16.3 [R]**
BARIUM	15000	248	406	386	424	253	629	311	462	340	275	407	369	416
BERYLLIUM	160	4.97	7.09	7.41	7.71	5.08	6.24	4.26	7.53	6.31	4.59	7.78	6.82	7.17
CADMIUM	70	0.121	0.331	0.427	0.38	0.215	0.178	0.239	0.305	0.278	0.225	0.328	1.12	0.138
CHROMIUM	120000	5.28	7.02	8.33	10	6.93	10.3	5.68	7.29	8.17	10.6	7.75	20.8	5.87
COBALT	23	5.6	6.31	5.98	7.15	5.07	9.27	5.56	7.38	6.24	6.3	6.42	7.65	7.18
COPPER	3100	28.1	32.8	17	39.6	23.7	20.7	35	30.4	26.8	16.5	28.7	40.1	48.5
IRON	55000	17600	26200	24100	26500	19400	33200	17500	27800	22900	20300	25800	25800	25100
LEAD	400	38.4	45.1	44.2	47.7	30.3	48.8	47.2	48.8	42.4	28.1	45.8	47.9	46.3
MANGANESE	1800	717	901	847	845	617	873	585	927	857	664	871	866	869
MERCURY	5.6	0.106 U	0.111 U	0.17	0.102 U	0.0932 U	0.098 U	0.0943 U	0.1 U	0.104 U	0.101 U	0.0965 U	0.101 U	0.0946 U
NICKEL	1500	6.1	7.33	4.85	7.1	4.38	10.1	5.16	6.24	6.13	7.5	5.85	8.87	6.42
SELENIUM	390	0.0833 U	0.313	0.214	0.161	0.102	0.183	0.234	0.193	0.153	0.0979	0.139	0.211	0.097
SILVER	390	0.104 U	0.212	0.138	0.173	0.106 U	0.106 U	0.135	0.167	0.129	0.132	0.137	0.246	0.106 U
THALLIUM	NC	1.22	0.912	1.96	1.95	1.09 U	2.51	2.11 U	1.62	1.66	1.03	1.77	2.76	1.67
TIN	47000	2.68	6.37	3.5	3.47	2.27	3.81	3.43	3.51	2.89	2.77	3.41	4.2	3.29
VANADIUM	390	37.4	48.3	44.4	49	41.3	52.4	36.5	53.3	46.1	39.6	49.1	51.4	48.5
ZINC	23000	54.6	86.1	57.4	70.9	54.9	63.4	74.8	70.4	71.4	67.5	63.3	82.3	60
Miscellaneous Parameters (MG/KG)														
CYANIDE	1600	0.17 U	0.165 U	0.184	0.175 U	0.164 U	0.17 U	0.185 U	0.174 U	0.171 U	0.164 U	0.174 U	0.166 U	0.176 U

NC-No Criteria
J-Estimated Value
U-Not detected at that value
[R]-Exceeds Tap Water RSL

TABLE 3.8-7

STUDY AREA 08
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1878	1897	1899	2018	2074
Sample ID		1878SS0010006	1897SS0010006	1899SS0010006	2018SS0010006	2074SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090207	20090206	20090205	20090210	20090206
Study Area		STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID		6132205402013	6132511242106	6132200299107	6132205502255	6132515102054
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level						
Dioxins/Furans (NG/KG)						
1,2,3,4,6,7,8,9-OCDD	15000	5.1 J	17	13 J	6.6 J	16
1,2,3,4,6,7,8,9-OCDF	15000	0.58 U	1.5 J	1.1 J	0.82 J	1.1 J
1,2,3,4,6,7,8-HPCDD	450	1.2 J	3.4 J	2.2 J	1.8 J	4.1 J
1,2,3,4,6,7,8-HPCDF	450	0.76 J	2.1 J	0.88 J	0.73 J	3 J
1,2,3,4,7,8,9-HPCDF	450	0.077 U	0.17 J	0.13 J	0.143 U	0.29 J
1,2,3,4,7,8-HXCDD	45	0.089 U	0.19 U	0.16 U	0.094 U	0.18 U
1,2,3,4,7,8-HXCDF	45	0.17 U	0.52 J	0.23 J	0.24 J	1.3 J
1,2,3,6,7,8-HXCDD	45	0.14 U	0.39 J	0.26 J	0.17 U	0.54 J
1,2,3,6,7,8-HXCDF	45	0.15 U	0.54 J	0.21 U	0.19 U	1 J
1,2,3,7,8,9-HXCDD	45	0.12 U	0.32 U	0.22 U	0.13 U	0.48 J
1,2,3,7,8,9-HXCDF	45	0.059 U	0.1 U	0.130399 U	0.082 U	0.18 U
1,2,3,7,8-PECDD	4.5	0.074 U	0.2 U	0.11 U	0.094 U	0.45 J
1,2,3,7,8-PECDF	150	0.16 U	0.48 J	0.68 J	0.26 J	1.1 J
2,3,4,6,7,8-HXCDF	45	0.17 J	0.55 J	0.22 J	0.21 J	1 J
2,3,4,7,8-PECDF	15	0.24 U	0.57 J	0.37 J	0.29 J	1.2 J
2,3,7,8-TCDD	4.5	0.04 U	0.081 U	0.098 U	0.094 U	0.14 J
2,3,7,8-TCDF	45	0.34 U	0.53 U	0.57 U	0.4 U	1.1 J
TEQ	4.5	0.04	0.45	0.24	0.17	1.60
TOTAL HPCDD	NC	2.1 J	6.7 J	4 J	3 J	8.1 J
TOTAL HPCDF	NC	1.3 J	4 J	1.8 J	1.3 J	5 J
TOTAL HXCDD	NC	1.7 J	6.3 J	2.4 J	2.1 J	12 J
TOTAL HXCDF	NC	1.8 J	8 J	4 J	2.3 J	14 J
TOTAL PECDD	NC	1.5 J	5.9	1.7 J	1.6 J	15
TOTAL PECDF	NC	2.4 J	8 J	4.7 J	2 J	21
TOTAL TCDD	NC	1.6 J	5.5	1.7	1.5 J	16
TOTAL TCDF	NC	4.9 J	9.2 J	7 J	4.1 J	28
Volatile Organics (MG/KG)						
1,1,2-TRICHLOROTRIFLUOROETHANE	43000	0.00102 U	0.00178 J	0.000983 U	0.00106 U	0.00102 U
1,2,3-TRICHLOROBENZENE	49	0.000726 U	0.000674 U	0.000702 U	0.000754 U	0.00073 U
1,2,4-TRICHLOROBENZENE	22	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
1,2,4-TRIMETHYLBENZENE	62	0.000581 U	0.000539 U	0.000562 U	0.000603 U	0.000584 U
1,2-DICHLOROBENZENE	1900	0.000145 U	0.000135 U	0.00014 U	0.000151 U	0.000146 U
1,3,5-TRIMETHYLBENZENE	780	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
1,3-DICHLOROBENZENE	NC	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
1,4-DICHLOROBENZENE	2.4	0.000145 U	0.000135 U	0.00014 U	0.000151 U	0.000146 J
2,2-DICHLOROPROPANE	NC	0.000726 U	0.000674 U	0.000702 U	0.000754 U	0.00073 U
2-CHLOROTOLUENE	1600	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
4-CHLOROTOLUENE	5500	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
4-ISOPROPYLTOLUENE	NC	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
ACETONE	61000	0.0217 U	0.216	0.00815 U	0.0102 J	0.0115 U
CHLOROBENZENE	290	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
CHLOROFORM	0.29	0.00102 U	0.000943 U	0.000983 U	0.00106 U	0.00102 U
ETHYLBENZENE	5.4	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
ISOPROPYLBENZENE	2100	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
M+P-XYLENES	NC	0.000872 U	0.000808 U	0.000843 U	0.000904 U	0.000876 U
METHYLENE CHLORIDE	11	0.00145 U	0.00135 U	0.0014 U	0.00151 U	0.00146 U
N-BUTYLBENZENE	NC	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
N-PROPYLBENZENE	3400	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
O-XYLENE	3800	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
SEC-BUTYLBENZENE	NC	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
STYRENE	6300	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
TERT-BUTYLBENZENE	NC	0.000581 U	0.000539 U	0.000562 U	0.000603 U	0.000584 U
TETRACHLOROETHENE	0.55	0.000872 U	0.000808 U	0.000843 U	0.000904 U	0.000876 U
TOLUENE	5000	0.0123	0.253	0.000702 U	0.00481 J	0.0166
TRICHLOROETHENE	2.8	0.000726 U	0.000674 U	0.000702 U	0.000754 U	0.00073 U

NC-No Criteria
J-Estimated Value
U-Not detected at that value
[R]-Exceeds Tap Water RSL

TABLE 3.8-7

STUDY AREA 08
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1878	1897	1899	2018	2074
Sample ID		1878SS0010006	1897SS0010006	1899SS0010006	2018SS0010006	2074SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090207	20090206	20090205	20090210	20090206
Study Area		STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID		6132205402013	6132511242106	6132200299107	6132205502255	6132515102054
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level						
Semivolatile Organics (MG/KG)						
1,1-BIPHENYL	3900	0.0216 U	0.0202 U	0.0211 U	0.0226 U	0.0219 U
1,2,4,5-TETRACHLOROBENZENE	18	0.0173 U	0.0162 U	0.0169 U	0.0181 U	0.0175 U
2,4,6-TRICHLOROPHENOL	44	0.0949 U	0.0889 U	0.0927 UJ	0.0995 U	0.0963 U
2,4-DICHLOROPHENOL	180	0.111 U	0.104 U	0.108 UJ	0.116 U	0.112 U
2,4-DIMETHYLPHENOL	1200	0.213 U	0.199 U	0.208 UJ	0.223 U	0.216 U
2,6-DICHLOROPHENOL	NC	0.0676 U	0.0633 U	0.066 UJ	0.0708 U	0.0686 U
2-CHLORONAPHTHALENE	6300	0.0115 U	0.0108 U	0.0112 U	0.0121 U	0.0117 U
2-CHLOROPHENOL	390	0.0719 U	0.0674 U	0.0703 UJ	0.0754 U	0.073 U
2-METHYLNAPHTHALENE	310	0.0245 U	0.0229 U	0.0239 U	0.0256 U	0.0248 U
2-METHYLPHENOL	3100	0.144 U	0.135 U	0.14 UJ	0.151 U	0.146 U
2-NITROPHENOL	NC	0.0906 U	0.0849 U	0.0885 UJ	0.0949 U	0.0919 U
3&4-METHYLPHENOL	NC	0.165 U	0.155 U	0.162 UJ	0.173 U	0.168 U
4-CHLOROANILINE	2.4	0.0331 U	0.031 U	0.0323 U	0.0347 U	0.0336 U
ACENAPHTHENE	3400	0.0144 U	0.0135 U	0.014 U	0.0151 U	0.0146 U
ACENAPHTHYLENE	3400	0.0129 U	0.0121 U	0.0126 U	0.0136 U	0.0131 U
ANILINE	85	0.0288 U	0.0269 U	0.0281 U	0.0301 U	0.0292 U
BAP EQUIVALENT	0.015	0.0245 U	0.0229 U	**0.0611 [R]**	0.0256 U	0.0248 U
BIS(2-ETHYLHEXYL)PHTHALATE	35	0.151 U	0.141 U	0.148 U	0.158 U	0.153 J
DI-N-BUTYL PHTHALATE	6100	0.0619 U	0.0579 J	0.0604 U	0.0648 J	0.0628 U
DIBENZO(A,H)ANTHRACENE	0.015	0.0259 U	0.0242 U	**0.0611 J [R]**	0.0271 U	0.0263 U
DIBENZOFURAN	78	0.0144 U	0.0135 U	0.014 U	0.0151 U	0.0146 U
HEXACHLOROBUTADIENE	6.2	0.0144 U	0.0135 U	0.014 U	0.0151 U	0.0146 U
NAPHTHALENE	3.6	0.00863 U	0.00808 U	0.00843 U	0.00904 U	0.00876 U
NITROBENZENE	4.8	0.0216 U	0.0202 U	0.0211 U	0.0226 U	0.0219 U
O-TOLUIDINE	NC	0.0259 U	0.0242 U	0.0253 U	0.0271 U	0.0263 U
PHENOL	18000	0.0489 U	0.0458 U	0.0478 UJ	0.0512 U	0.0496 U
Inorganics (MG/KG)						
ALUMINUM	77000	68800	52400	42300	65700	52100
ANTIMONY	31	0.685	0.753	0.58	0.554	0.638
ARSENIC	0.39	**18.7 [R]**	**16 [R]**	**12.4 [R]**	**19.7 [R]**	**14.9 [R]**
BARIUM	15000	531	700	375	400	385
BERYLLIUM	160	8.99	6.92	5.82	8.69	6.7
CADMIUM	70	1.35	0.322	0.147	0.34	0.304
CHROMIUM	120000	7.84	5.56	6.49	8.61	14.4
COBALT	23	7.84	6.45	6.37	6.87	6.52
COPPER	3100	54	26.7	30.3	17.3	25
IRON	55000	30300	23500	21700	28100	24000
LEAD	400	53.5	63.9	45.4	49.8	44.1
MANGANESE	1800	1010	672	867	932	770
MERCURY	5.6	0.0955 U	0.0965 U	0.0968 U	0.094 U	0.0932 U
NICKEL	1500	6.15	5.92	6.38	5.86	6.43
SELENIUM	390	0.199	0.215	0.0839 U	0.157	0.17
SILVER	390	0.233	0.186	0.105 U	0.225	0.228
THALLIUM	NC	2.14	2.46	1.57	2.15	1.95
TIN	47000	4.56	3.26	3.02	3.77	3.23
VANADIUM	390	56.9	55.2	41.2	52.2	45
ZINC	23000	83.9	75.1	62.3	68.7	86
Miscellaneous Parameters (MG/KG)						
CYANIDE	1600	0.174 U	0.161 U	0.169 U	0.181 U	0.174 U

NC-No Criteria
J-Estimated Value
U-Not detected at that value
[R]-Exceeds Tap Water RSL

TABLE 3.8-8

STUDY AREA 08
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/KG)								
1,2,3,4,6,7,8,9-OCDD	17/18	0	15000	5.1 J	39	2.6 - 2.6	15.24	14.46
1,2,3,4,6,7,8,9-OCDF	12/18	0	15000	0.82 J	3.5 J	0.3 - 1.1	1.67	1.23
1,2,3,4,6,7,8-HPCDD	14/18	0	450	1.2 J	6.6 J	0.62 - 2.1	3.10	2.56
1,2,3,4,6,7,8-HPCDF	13/18	0	450	0.68 J	4.1 J	0.42 - 1.3	1.81	1.41
1,2,3,4,7,8,9-HPCDF	11/18	0	450	0.06 J	0.49 J	0.057 - 0.143	0.21	0.15
1,2,3,4,7,8-HXCDD	1/18	0	45	0.54 J	0.54 J	0.048158 - 0.19	0.54	0.08
1,2,3,4,7,8-HXCDF	13/18	0	45	0.23 J	9.1	0.099 - 0.17	1.34	0.98
1,2,3,6,7,8-HXCDD	8/18	0	45	0.24 J	0.75 J	0.084 - 0.28	0.41	0.23
1,2,3,6,7,8-HXCDF	9/18	0	45	0.27 J	1.2 J	0.072 - 0.25	0.60	0.34
1,2,3,7,8,9-HXCDD	6/18	0	45	0.059 J	0.53 J	0.058 - 0.34	0.36	0.18
1,2,3,7,8,9-HXCDF	4/18	0	45	0.068 J	0.36 J	0.059 - 0.18	0.18	0.08
1,2,3,7,8-PECDD	3/18	0	4.5	0.36 J	0.48 J	0.059489 - 0.2	0.43	0.12
1,2,3,7,8-PECDF	13/18	0	150	0.25 J	1.1 J	0.13 - 0.31	0.56	0.43
2,3,4,6,7,8-HXCDF	12/18	0	45	0.17 J	1 J	0.082 - 0.27	0.47	0.34
2,3,4,7,8-PECDF	11/18	0	15	0.29 J	1.2 J	0.21 - 0.35	0.59	0.41
2,3,7,8-TCDD	5/18	0	4.5	0.078 J	0.24 J	0.04 - 0.14	0.13	0.07
2,3,7,8-TCDF	3/18	0	45	0.3 J	1.1 J	0.27 - 0.91	0.74	0.32
TEQ	18/18	0	4.5	0.0006	1.60403	-	0.48	0.48
TOTAL HPCDD	18/18	--	NC	1.1 J	13 J	-	5.07	5.07
TOTAL HPCDF	18/18	--	NC	0.73 J	7.1 J	-	3.05	3.05
TOTAL HXCDD	18/18	--	NC	0.86 J	12 J	-	3.90	3.90
TOTAL HXCDF	18/18	--	NC	0.95 J	20 J	-	5.96	5.96
TOTAL PECDD	18/18	--	NC	0.084 J	15	-	3.68	3.68
TOTAL PECDF	18/18	--	NC	0.83 J	24	-	6.54	6.54
TOTAL TCDD	18/18	--	NC	1.1 J	16	-	3.98	3.98
TOTAL TCDF	18/18	--	NC	2 J	28	-	8.07	8.07
Inorganics (MG/KG)								
ALUMINUM	18/18	1	77000	34200	80700	-	52678	52678
ANTIMONY	18/18	0	31	0.38	0.753	-	0.6	0.6
ARSENIC	18/18	18	0.39	10.6	19.7	-	15.2	15.2
BARIUM	18/18	0	15000	248	700	-	406.5	406.5
BERYLLIUM	18/18	0	160	4.26	8.99	-	6.7	6.7
CADMIUM	18/18	0	70	0.121	1.35	-	0.4	0.4
CHROMIUM	18/18	0	120000	5.28	20.8	-	8.7	8.7
COBALT	18/18	0	23	5.07	9.27	-	6.7	6.7
COPPER	18/18	0	3100	16.5	54	-	30.1	30.1
IRON	18/18	0	55000	17500	33200	-	24433.3	24433.3
LEAD	18/18	0	400	28.1	63.9	-	45.4	45.4
MANGANESE	18/18	0	1800	585	1010	-	816.1	816.1
MERCURY	1/18	0	5.6	0.17	0.17	0.0932 - 0.111	0.2	0.1
NICKEL	18/18	0	1500	4.38	10.1	-	6.5	6.5
SELENIUM	16/18	0	390	0.097	0.313	0.0833 - 0.0839	0.2	0.2
SILVER	13/18	0	390	0.129	0.246	0.104 - 0.106	0.2	0.1

NC-No Criteria
J-Estimated Value

TABLE 3.8-8

STUDY AREA 08
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
THALLIUM	16/18	--	NC	0.912	2.76	1.09 - 2.11	1.8	1.7
TIN	18/18	0	47000	2.27	6.37	-	3.5	3.5
VANADIUM	18/18	0	390	36.5	56.9	-	47.1	47.1
ZINC	18/18	0	23000	54.6	86.1	-	69.6	69.6
Miscellaneous Parameters (MG/KG)								
CYANIDE	1/18	0	1600	0.184	0.184	0.161 - 0.185	0.184	0.091
Semivolatile Organics (MG/KG)								
1,1-BIPHENYL	3/18	0	3900	0.029 J	0.0305 J	0.0202 - 0.0333	0.0296	0.0143
1,2,4,5-TETRACHLOROBENZENE	1/18	0	18	0.0472 J	0.0472 J	0.0162 - 0.0266	0.0472	0.0110
2,4,6-TRICHLOROPHENOL	3/18	0	44	0.0913 J	0.102 J	0.0889 - 0.146	0.0964	0.0571
2,4-DICHLOROPHENOL	4/18	0	180	0.123 J	0.184 J	0.104 - 0.12	0.1650	0.0799
2,4-DIMETHYLPHENOL	3/18	0	1200	0.198 J	0.215 J	0.199 - 0.328	0.2060	0.1265
2,6-DICHLOROPHENOL	4/18	--	NC	0.104 J	0.187 J	0.0633 - 0.073	0.1558	0.0610
2-CHLORONAPHTHALENE	2/18	0	6300	0.0264 J	0.0319 J	0.0108 - 0.0178	0.0292	0.0085
2-CHLOROPHENOL	3/18	0	390	0.111 J	0.18 J	0.0674 - 0.0776	0.1540	0.0558
2-METHYLNAPHTHALENE	3/18	0	310	0.0227 J	0.0394 J	0.0229 - 0.0377	0.0328	0.0161
2-METHYLPHENOL	4/18	0	3100	0.184 J	0.223 J	0.135 - 0.155	0.2035	0.1014
2-NITROPHENOL	3/18	--	NC	0.0919 J	0.126 J	0.0849 - 0.14	0.1130	0.0581
3&4-METHYLPHENOL	4/18	--	NC	0.27 J	0.441	0.155 - 0.179	0.3805	0.1491
4-CHLOROANILINE	1/18	0	2.4	0.0696 J	0.0696 J	0.031 - 0.051	0.0696	0.0200
ACENAPHTHENE	1/18	0	3400	0.0175 J	0.0175 J	0.0135 - 0.0222	0.0175	0.0080
ACENAPHTHYLENE	1/18	0	3400	0.0131 J	0.0131 J	0.0121 - 0.02	0.0131	0.0070
ANILINE	1/18	0	85	0.106 J	0.106 J	0.0269 - 0.0444	0.1060	0.0199
BAP EQUIVALENT	1/18	1	0.015	0.0611	0.0611	0.0227 - 0.0377	0.0611	0.0153
BIS(2-ETHYLHEXYL)PHTHALATE	3/18	0	35	0.153 J	0.481	0.141 - 0.233	0.2623	0.1089
DI-N-BUTYL PHTHALATE	4/18	0	6100	0.0579 J	0.0668 J	0.0575 - 0.0954	0.0631	0.0388
DIBENZO(A,H)ANTHRACENE	1/18	1	0.015	0.0611 J	0.0611 J	0.0241 - 0.04	0.0611	0.0160
DIBENZOFURAN	1/18	0	78	0.0134 J	0.0134 J	0.0135 - 0.0222	0.0134	0.0078
HEXACHLOROBUTADIENE	1/18	0	6.2	0.057 J	0.057 J	0.0135 - 0.0222	0.0570	0.0102
NAPHTHALENE	3/18	0	3.6	0.0283 J	0.0529 J	0.00808 - 0.0133	0.0400	0.0104
NITROBENZENE	1/18	0	4.8	0.0556 J	0.0556 J	0.0202 - 0.0333	0.0556	0.0136
O-TOLUIDINE	2/18	--	NC	0.0347 J	0.127 J	0.0242 - 0.04	0.0809	0.0209
PHENOL	1/18	0	18000	0.213 J	0.213 J	0.0458 - 0.0755	0.2130	0.0357
Volatile Organics (MG/KG)								
1,1,2-TRICHLOROTRIFLUOROETHANE	5/18	0	43000	0.001 J	0.00185 J	0.000965 - 0.00108	0.00140	0.00075
1,2,3-TRICHLOROBENZENE	1/18	0	49	0.00155 J	0.00155 J	0.000674 - 0.000773	0.00155	0.00043
1,2,4-TRICHLOROBENZENE	1/18	0	22	0.0018 J	0.0018 J	0.000404 - 0.000464	0.00180	0.00030
1,2,4-TRIMETHYLBENZENE	1/18	0	62	0.000928 J	0.000928 J	0.000539 - 0.000618	0.00093	0.00032
1,2-DICHLOROBENZENE	1/18	0	1900	0.00103 J	0.00103 J	0.000135 - 0.000155	0.00103	0.00013
1,3,5-TRIMETHYLBENZENE	1/18	0	780	0.000981 J	0.000981 J	0.000269 - 0.000309	0.00098	0.00019
1,3-DICHLOROBENZENE	1/18	--	NC	0.00143 J	0.00143 J	0.000269 - 0.000309	0.00143	0.00022
1,4-DICHLOROBENZENE	2/18	0	2.4	0.000146 J	0.0014 J	0.000135 - 0.000155	0.00077	0.00015
2,2-DICHLOROPROPANE	1/18	--	NC	0.00158 J	0.00158 J	0.000674 - 0.00077	0.00158	0.00043
2-CHLOROTOLUENE	1/18	0	1600	0.000947 J	0.000947 J	0.000404 - 0.000464	0.00095	0.00026

NC-No Criteria
J-Estimated Value

TABLE 3.8-8

STUDY AREA 08
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
4-CHLOROTOLUENE	1/18	0	5500	0.00109 J	0.00109 J	0.000269 - 0.000309	0.00109	0.00020
4-ISOPROPYLTOLUENE	2/18	--	NC	0.00111 J	0.00879 J	0.000269 - 0.000308	0.00495	0.00068
ACETONE	4/18	0	61000	0.00804 J	0.216	0.00804 - 0.0285	0.06454	0.01933
CHLOROBENZENE	1/18	0	290	0.000683 J	0.000683 J	0.000269 - 0.000309	0.00068	0.00017
CHLOROFORM	2/18	0	0.29	0.000988 J	0.00132 J	0.000943 - 0.00108	0.00115	0.00058
ETHYLBENZENE	1/18	0	5.4	0.00066 J	0.00066 J	0.000404 - 0.000464	0.00066	0.00024
ISOPROPYLBENZENE	2/18	0	2100	0.000791 J	0.00405 J	0.000269 - 0.000308	0.00242	0.00040
M+P-XYLENES	1/18	--	NC	0.00147 J	0.00147 J	0.000808 - 0.000928	0.00147	0.00049
METHYLENE CHLORIDE	1/18	0	11	0.00141 J	0.00141 J	0.00135 - 0.00155	0.00141	0.00076
N-BUTYLBENZENE	1/18	--	NC	0.00146 J	0.00146 J	0.000269 - 0.000309	0.00146	0.00022
N-PROPYLBENZENE	1/18	--	3400	0.00116 J	0.00116 J	0.000404 - 0.000464	0.00116	0.00027
O-XYLENE	1/18	0	3800	0.000523 J	0.000523 J	0.000269 - 0.000309	0.00052	0.00017
SEC-BUTYLBENZENE	1/18	--	NC	0.00102 J	0.00102 J	0.000269 - 0.000309	0.00102	0.00019
STYRENE	1/18	0	6500	0.000421 J	0.000421 J	0.000269 - 0.000309	0.00042	0.00016
TERT-BUTYLBENZENE	2/18	--	NC	0.000709 J	0.00139 J	0.000539 - 0.000616	0.00105	0.00037
TETRACHLOROETHENE	2/18	0	0.55	0.00086 J	0.00136 J	0.000808 - 0.000928	0.00111	0.00051
TOLUENE	15/18	0	5000	0.00071 J	0.253	0.000702 - 0.000773	0.03069	0.02564
TRICHLOROETHENE	1/18	0	2.8	0.0006 J	0.0006 J	0.000674 - 0.000773	0.00060	0.00037

NC-No Criteria
J-Estimated Value

TABLE 3.9-1

STUDY AREA 09
SOIL GAS - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0551	0552	2003	2040	2078	2102	LE50	LE51
Sample ID		0551SG001	0552SG001	2003SG001	2040SG001	2078SG001	2102SG001	LE50SG001	LE51SG001
Residential / Government	RBL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	PARCO	PARCO
Event	SOIL GAS	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090211	20090202	20090409	20090210	20090122	20090219	20090511	20090615
Study Area		STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	PARCO LE GINESTRE	PARCO LE GINESTRE
Premise ID		6103408314130	6104900104128	6114510608132	6102201202170	6103103702348	6101304302163	NA	NA
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level									
Volatile Organics (UG/M3)									
1,1,1-TRICHLOROETHANE	52000	0.15 U	0.15 U	0.438	0.15 U	0.15 UJ	0.15 U	0.33	2.59
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	0.976	0.694 J	0.08 U	0.702	0.604 J	27.6	0.674	2.94
1,2,3-TRICHLOROBENZENE	NC	0.4 U	0.4 U	0.4 U	0.4 UR	0.4 UR	2.34	0.4 U	0.4 U
1,2,4-TRICHLOROBENZENE	21	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 UR	1.56	0.356 U	0.622 U
1,2,4-TRIMETHYLBENZENE	73	0.707	0.612 J	0.636	1.38	2.15 J	0.05 U	8.64	2.62
1,2-DIBROMOETHANE	0.041	0.12 U	0.12 U	0.12 U	0.12 U	0.12 UJ	0.12 U	0.12 U	**0.184 J [R]**
1,2-DICHLOROBENZENE	2100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.183 J	0.1 U	0.1 U
1,2-DICHLOROETHANE	0.94	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.654
1,2-DICHLOROPROPANE	2.4	**18.3 [R]**	**3.24 J [R]**	0.09 U	**3.23 [R]**	**5.69 J [R]**	0.426	1.02	0.703
1,3,5-TRIMETHYLBENZENE	NC	0.05 U	0.21 J	0.237	0.409	0.491 J	0.05 U	2.6	0.889
1,3-DICHLOROBENZENE	NC	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.168 J	0.09 U	0.09 U
1,4-DICHLOROBENZENE	2.2	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.658	0.09 U	0.223 U
2-BUTANONE	52000	1.34	1.73 J	1.57	1.15	1.91 J	1.45	8.07	4.46
ACETONE	320000	18.3	14.7 J	11.4	29.6 J	1.06 UJ	52.9	64.6	37.3
ACETONITRILE	630	0.38 U	0.38 U	0.38 U	0.45 J	0.38 UJ	3.53	2.9	0.38 U
ACETOPHENONE	NC	1.02 U	1.02 U	1.02 U	1.02 U	1.02 UR	1.02 U	3.08	1.02 U
ACROLEIN	0.21	**1.74 [R]**	**0.988 J [R]**	**1.34 [R]**	0.41 U	**1.95 J [R]**	0.41 U	**1.35 [R]**	0.41 U
BENZENE	3.1	0.906	0.66 J	1.03	1.17	**6.74 J [R]**	**5.15 [R]**	**7.6 [R]**	2.93
BROMODICHLOROMETHANE	0.66	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.269 J	0.192 J
BROMOFORM	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.459
CARBON DISULFIDE	7300	12.3	0.479 J	1.22	1.45	18.7 J	0.592	2.07	1.4
CARBON TETRACHLORIDE	1.6	0.169 J	0.13 U	0.13 U	0.693	0.13 UJ	0.415	0.203 J	0.197 J
CHLOROBENZENE	520	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.208
CHLOROFORM	1.1	1.04	**5.56 J [R]**	0.592	0.275 J	**1.41 J [R]**	**1.37 [R]**	**3.94 [R]**	**7.86 [R]**
CHLOROMETHANE	940	0.229	0.229 J	0.07 U	0.07 U	0.191 J	0.07 U	0.07 U	0.18 J
CYCLOHEXANE	63000	0.227 J	0.401 J	0.11 U	0.11 U	11.7 J	437	4.1	1.83
DICHLORODIFLUOROMETHANE	2100	2.74	2.12 J	7.31	2.55	2.31 J	1.85	3.57	3.6
ETHYLBENZENE	9.7	1.03	0.731 J	7.42	2.17	1.55 J	**30.4 [R]**	5.06	1.32
HEXACHLOROBUTADIENE	1.1	0.24 U	0.24 U	0.24 U	0.296 J	0.24 UJ	**1.67 [R]**	0.24 U	0.694 U
HEXANE	7300	1.87	1.51 J	0.17 U	0.468	182 J	12.5	13.6	4.9
ISOBUTANOL	NC	3.33	1.53 J	0.46 U	0.46 U	0.46 UJ	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	4200	0.07 U	0.07 U	0.07 U	0.218	0.07 UJ	0.07 U	0.79	0.07 U
M+P-XYLENES	7300	2.02	2.61 J	5.24	3.05	4.65 J	15.8	10.7	3.61
METHYL CYCLOHEXANE	NC	0.165 J	0.626 J	0.673	0.177 J	15.5 J	0.424	5.84	2.06
METHYLENE CHLORIDE	52	0.462	0.08 U	0.08 U	0.601	0.415 J	0.08 U	0.441	0.635
O-XYLENE	7300	0.822	1.2 J	2.49	1.91	1.85 J	6.35	4.53	1.71
STYRENE	10000	1.97	1.94 J	28.7	22.4	0.07 UJ	93.3	10.3	0.07 U
TETRACHLOROETHENE	4.1	**4.27 [R]**	2.65 J	**6.15 [R]**	**5.53 J [R]**	**7.29 J [R]**	1.45 U	**23.3 [R]**	**145 [R]**
TOLUENE	52000	3.41	4.18 J	7.6	3.37 J	11.5 J	93	13.4	5.55
TRICHLOROETHENE	12	0.08 U	0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.194 J
TRICHLOROFLUOROMETHANE	7300	3.94	1.57 J	87.7	1.88	2.14 J	5.14	70.5	102

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[R]-Exceeds Tap Water RSL

TABLE 3.9-2

STUDY AREA 09
SOIL GAS - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil Gas RSL	Soil Gas RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Volatile Organics (UG/M3)								
1,1,1-TRICHLOROETHANE	3/8	0	52000	0.33	2.59	0.15 - 0.15	1.12	0.47
1,1,2-TRICHLOROTRIFLUOROETHANE	7/8	0	310000	0.604 J	27.6	0.08 - 0.08	4.88	4.28
1,2,3-TRICHLOROBENZENE	1/6	--	NC	2.34	2.34	0.4 - 0.4	2.34	0.56
1,2,4-TRICHLOROBENZENE	1/7	0	21	1.56	1.56	0.19 - 0.622	1.56	0.35
1,2,4-TRIMETHYLBENZENE	7/8	0	73	0.612 J	8.64	0.05 - 0.05	2.39	2.10
1,2-DIBROMOETHANE	1/8	1	0.041	0.184 J	0.184 J	0.12 - 0.12	0.18	0.08
1,2-DICHLOROBENZENE	1/8	0	2100	0.183 J	0.183 J	0.1 - 0.1	0.18	0.07
1,2-DICHLOROETHANE	1/8	0	0.94	0.654	0.654	0.1 - 0.1	0.65	0.13
1,2-DICHLOROPROPANE	7/8	4	2.4	0.426	18.3	0.09 - 0.09	4.66	4.08
1,3,5-TRIMETHYLBENZENE	6/8	0	NC	0.21 J	2.6	0.05 - 0.05	0.81	0.61
1,3-DICHLOROBENZENE	1/8	--	NC	0.168 J	0.168 J	0.09 - 0.09	0.17	0.06
1,4-DICHLOROBENZENE	1/8	0	2.2	0.658	0.658	0.09 - 0.223	0.66	0.13
2-BUTANONE	8/8	0	52000	1.15	8.07	-	2.71	2.71
ACETONE	7/8	0	320000	11.4	64.6	1.06 - 1.06	32.69	28.67
ACETONITRILE	3/8	0	630	0.45 J	3.53	0.38 - 0.38	2.29	0.98
ACETOPHENONE	1/7	--	NC	3.08	3.08	1.02 - 1.02	3.08	0.88
ACROLEIN	5/8	5	0.21	0.988 J	1.95 J	0.41 - 0.41	1.47	1.00
BENZENE	8/8	3	3.1	0.66 J	7.6	-	3.27	3.27
BROMODICHLOROMETHANE	2/8	0	0.66	0.192 J	0.269 J	0.15 - 0.15	0.23	0.11
BROMOFORM	1/8	0	22	0.459	0.459	0.11 - 0.11	0.46	0.11
CARBON DISULFIDE	8/8	0	7300	0.479 J	18.7 J	-	4.78	4.78
CARBON TETRACHLORIDE	5/8	0	1.6	0.169 J	0.693	0.13 - 0.13	0.34	0.23
CHLOROBENZENE	1/8	0	520	0.208	0.208	0.04 - 0.04	0.21	0.04
CHLOROFORM	8/8	5	1.1	0.275 J	7.86	-	2.76	2.76
CHLOROMETHANE	4/8	0	940	0.18 J	0.229 J	0.07 - 0.07	0.21	0.12
CHLOROMETHANE	4/8	0	940	0.18 J	0.229	0.07 - 0.07	0.21	0.12
CYCLOHEXANE	6/8	0	63000	0.227 J	437	0.11 - 0.11	75.88	56.92
DICHLORODIFLUOROMETHANE	8/8	0	2100	1.85	7.31	-	3.26	3.26
ETHYLBENZENE	8/8	1	9.7	0.731 J	30.4	-	6.21	6.21
HEXACHLOROBUTADIENE	2/8	1	1.1	0.296 J	1.67	0.24 - 0.694	0.98	0.36
HEXANE	7/8	0	7300	0.468	182 J	0.17 - 0.17	30.98	27.12
ISOBUTANOL	2/8	--	NC	1.53 J	3.33	0.46 - 0.46	2.43	0.78
ISOPROPYLBENZENE	2/8	0	4200	0.218	0.79	0.07 - 0.07	0.50	0.15
M+P-XYLENES	8/8	0	7300	2.02	15.8	-	5.96	5.96
METHYL CYCLOHEXANE	8/8	--	NC	0.165 J	15.5 J	-	3.18	3.18
METHYLENE CHLORIDE	5/8	0	52	0.415 J	0.635	0.08 - 0.08	0.51	0.33
O-XYLENE	8/8	0	7300	0.822	6.35	-	2.61	2.61
STYRENE	6/8	0	10000	1.94 J	93.3	0.07 - 0.07	26.44	19.84
TETRACHLOROETHENE	7/8	6	4.1	2.65 J	145	1.45 - 1.45	27.74	24.36
TOLUENE	8/8	0	52000	3.37 J	93	-	17.75	17.75
TRICHLOROETHENE	1/8	0	12	0.194 J	0.194 J	0.08 - 0.08	0.19	0.06
TRICHLOROFLUOROMETHANE	8/8	0	7300	1.57 J	102	-	34.36	34.36

NC-No Criteria
J-Estimated value

TABLE 3.9-3

STUDY AREA 09
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0200	0551	0552	2002	2003	2003	2040	2078	2102	2102	2102	LE07	LE11
Sample ID						0200TW001	0551TW001	0552TW001	2002TW001	2003TW001	2003TW002	2040TW001	2078TW001	2102TW001	2102TW001-AVG	2102TW001-D	LE07TW001	LE11TW001
Residential / Government	Federal	RSL Tap Water	100 x C Tap Water RSL	10 x NC Tap Water RSL	RSL Inhalation Only	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO
Event	MCL					PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I	PHASE I
Sample Date						20090518	20090211	20090202	20090514	20081216	20090409	20090210	20090122	20090219	20090219	20090219	20080712	20080703
Study Area						STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	PARCO LE	PARCO LE
Premise ID						6256107902130	6103408314130	6104900104128	6103719002115	6114510608132	6114510608132	6102201202170	6103103702348	6101304302163	6101304302163	6101304302163	NA	NA
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																		
Blank Cells indicate that parameter was not analyzed.																		
Dioxins/Furans (NG/L)																		
1,2,3,4,6,7,8,9-OCDF	NC	1.7	170	NC	NC	0.00064 U	0.00053 U	0.0012 U	0.000761 U	0.0015 J		0.0019 U	0.0014 U	0.00046 U	0.00057 U	0.00068 U	0.0011 U	0.0024 U
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.000284 U	0.00024 U	0.0005 U	0.00038 U	0.00033 U		0.00042 J	0.000501 U	0.00017 U	0.000242 U	0.000313 U	0.00034 U	0.000433 U
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00026 U	0.00029 U	0.00012 U	0.00029 U	0.00043 U		0.00035 U	0.00038 U	0.00039 U	0.00034 U	0.00029 U	0.00032 U	0.000254 J
1,2,3,4,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.00061 U	0.000334 U	0.00024 U	0.00048 U	0.00073 U		0.000521 U	0.00025 U	0.00027 U	0.000207 U	0.000144 U	0.00032 U	0.00025 J
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.000213 U	0.00031 U	0.00021 U	0.00031 U	0.00038 U		0.00067 U	0.00033 U	0.00034 U	0.000305 U	0.00027 U	0.00034 J	0.00023 U
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00038 U	0.00041 U	0.000212 J	0.00031 U	0.00043 U		0.0006 U	0.00028 U	0.000194 U	0.000169 U	0.000144 U	0.00032 U	0.00023 U
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000331 U	0.00036 U	0.00021 U	0.00029 U	0.00028 U		0.000521 U	0.00025 U	0.00017 U	0.000157 U	0.000144 U	0.000293 U	0.00033 J
2,3,4,7,8-PECDF	NC	0.0017	0.17	NC	NC	0.00038 U	0.00057 U	0.00064 U	0.000214 U	0.00063 U		0.00072 U	0.00025 U	0.00044 U	0.00052 U	0.0006 U	0.00027 U	0.00033 J
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00024 U	0.00067 U	**0.00094 [R]**	0.00024 U	0.000251 U		0.00082 U	0.000301 U	0.00032 U	0.000295 U	0.00027 U	0.00027 U	0.00023 U
TEQ	NC	0.00052	0.052	0.37	NC	0.00024 U	0.00067 U	**0.000961 [R]**	0.00024 U	4.5E-07		4.2E-06	0.000301 U	0.00032 U	0.000295 U	0.00027 U	0.000034	0.000182
TOTAL HPCDD	NC	NC	NC	NC	NC	0.00057 J	0.0013 J	0.0021 J	0.0005 U	0.0016 J		0.0021 J	0.0035 J	0.0018 J	0.00155 J	0.0013 J	0.0022 J	0.003 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0008 J	0.00067 J	0.0011 J	0.00078 J	0.0015 J		0.0014 J	0.00088 U	0.00063 J	0.00069 J	0.00075 J	0.0026 J	0.004 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.00069 U	0.000812 U	0.00047 J	0.000784 U	0.0013 J		0.001018 U	0.001003 U	0.0011 U	0.00096 U	0.00082 U	0.00093 J	0.00069 U
TOTAL HXCDF	NC	NC	NC	NC	NC	0.001347 U	0.001409 U	0.0009 J	0.001117 J	0.0019 J		0.002111 U	0.00098 U	0.00068 J	0.000479 J	0.000554 U	0.0012 U	0.0014 J
TOTAL PECDF	NC	NC	NC	NC	NC	0.00054 J	0.0013 J	0.00085 J	0.00043 U	0.001 J		0.001 J	0.000501 U	0.00071 J	0.000755 J	0.0008 J	0.00046 J	0.00051 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.00071 U	0.002006 U	0.0011 J	0.000713 U	0.000754 U		0.0025 U	0.000903 U	0.00095 U	0.000875 U	0.0008 U	0.00081 U	0.0011 J
TOTAL TCDF	NC	NC	NC	NC	NC	0.00038 U	0.00086 U	0.00087 J	0.000333 U	0.00038 J		0.0047 U	0.0006 J	0.00044 J	0.00056 J	0.00068 J	0.00039 U	0.00056 J
Volatile Organics (UG/L)																		
BROMODICHLOROMETHANE	80	0.12	12	7300	NC	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	**0.424 J [R]**	**0.4295 J [R]**	**0.435 J [R]**	**0.538 [R]**	**0.381 J [R]**
BROMOFORM	80	8.5	850	7300	NC	0.06 U	1.42	1.05	0.238 J	2.12		1.41	0.992 J	3.86	3.85	3.84	0.608 J	0.787 J
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	0.1 U	0.1 U	0.1 U	**0.22 J**	**0.199 J**		0.133 J	**0.241 J**	**0.985 [R]**	**0.963 [R]**	**0.941 [R]**	**0.787**	**0.579**
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U		0.09 U	0.123 J	**0.378 [R][INH]**	**0.3905 [R][INH]**	**0.403 [R][INH]**	**0.277 J [R][INH]**	**0.237 J [R][INH]**
Semivolatile Organics (UG/L)																		
BUTYL BENZYL PHTHALATE	NC	35	3500	73000	NC					0.0962 U			0.0992 U				0.143	0.102 U
HEXACHLOROBUTADIENE	NC	0.86	86	370	NC					0.192 U			0.209 J				0.196 U	0.203 U
HEXACHLOROETHANE	NC	4.8	480	370	NC					0.0962 U			0.158 J				0.0981 U	0.102 U
Radiological Parameters (PCI/L)																		
GROSS ALPHA	15	NC	NC	NC	NC	1.99 U	1.4 U	1.6 U	2.99 U	8.4	1.39 U	1.6 U	1.9 U	2.91 U	2.945 U	2.98 U	3.5	1.4 U
GROSS BETA	8	NC	NC	NC	NC	2.01 U	5.7 U	5.4 U	2.43 U	**14.3 [F]**	2.75	5.4 U	5.9 U	6.74	7.55	**8.36 [F]**	6.8	4.6 U
Inorganics (UG/L)																		
ALUMINUM	NC	37000	NC	370000	NC	2.84	2.2 U	8.16	2.2 U	2.29		2.2 U	2.2 U	17.8	10.75	3.7	2.2 U	11.8
ANTIMONY	6	15	NC	150	NC	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U		0.14 U	0.245	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	10	0.045	4.5	110	NC	**1.47 [R]**	**2.35 [R]**	**1.22 [R]**	**1.82 [R]**	**5.09 [R][C]**		**2.16 [R]**	**4.86 [R][C]**	**4.99 [R][C]**	**4.92 [R][C]**	**4.85 [R][C]**	**4.06 [R]**	**5.32 [R][C]**
BARIUM	2000	7300	NC	73000	NC	6.04	6.61	7.37	4.34	16.1		6.85	8.21	12.8	13.15	13.5	15	17.4
BERYLLIUM	4	73	NC	730	NC	0.03 U	0.03 U	0.03 U	0.03 U	0.0349		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.057 U	0.03 U
CADMIUM	5	18	NC	180	NC	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U		0.0546	0.04 U	0.0843	0.08855	0.0928	0.0631	0.04 U
CALCIUM	NC	NC	NC	NC	NC	46.2	46.4	52.3	45.8	117		46.9	84.5	102	102	102		
CHROMIUM	100	NC	NC	NC	NC	0.207	0.648	0.424	0.555	0.982 U		0.597 U	2	1.53	1.615	1.7	0.761	0.769
COBALT	NC	11	NC	110	NC	0.03 U	0.03 U	0.03 U	0.03 U	0.0421		0.03 U	0.0652	0.0935	0.09295	0.0924	0.155	0.0722
COPPER	1300	1500	NC	15000	NC	56.3	19.5	86.7	80.5	120		6.26	120	43.6	42.85	42.1	87.9	20.6
IRON	NC	26000	NC	260000	NC	26.2	8.88	679	4.7 U	7.3		12.9	82.6	968	957	946	91.9	13.5
LEAD	15	NC	NC	NC	NC	0.668	0.411	5.37	0.833	0.863		0.894	2.74	**64.5 [F]**	**63.35 [F]**	**62.2 [F]**	2.7	0.83
MAGNESIUM	NC	NC	NC	NC	NC	5.01	5.47	6.79	5.13	26.1		5.52	12.9	15.4	15.4	15.4		
MANGANESE	NC	880	NC	8800	NC	1.18	0.595	25.9	0.196	0.228		0.585	1.18	5.89	5.75	5.61	2.31	0.369
MERCURY	2	0.57	NC	5.7	0.63	0.028	0.015 U	0.019	0.03	0.015		0.015 U	0.054	0.046	0.049	0.052	0.015 U	0.015 U
NICKEL	NC	730	NC	7300	NC	0.272 U	0.422	3.03	0.849 U	0.814		0.154	1.11	3.52	3.445	3.37	141	1.96
POTASSIUM	NC	NC	NC	NC	NC	0.602	0.744	2.01	0.672	1.6		0.748	4.58	8.8	8.805	8.81		
SELENIUM	50	180	NC	1800	NC	0.2 U	0.2 U	0.2 U	0.2 U	0.572		0.2 U	0.234 U	0.272	0.299	0.326	0.259	0.209
SODIUM	NC	NC	NC	NC	NC	2.67	2.64	5.4	2.71	5.07		2.68	9.84	21.6	21.6	21.6		
TIN	NC	22000	NC	220000	NC	0.137	0.1 U	0.279	0.1 U	0.104		0.1 U	0.547 U	0.261	0.253	0.245	0.108	0.123
URANIUM	30	1.63	163	1100	NC	0.178	0.193	0.64	0.464	0.977		0.182	1.4	**3.19**	**3.165**	**3.14**	0.98	0.9
VANADIUM	NC	180	NC	2600	NC	1 U	1.08	2.44	1 U	1 U		1 U	3.01	4.62	4.59	4.56	1 U	2.3
ZINC	NC	11000	NC	110000	NC	121	25.3	323	62.4	34.7		28.3	123	3120	3130	3140	1940	1320
Microbiological Parameters																		

NA-Not Available
NC-No Ceriteria
J-Estimated value
U-Not detected at that value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[R] Exceeds TW RSL

TABLE 3.9-3

STUDY AREA 09
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0200	0551	0552	2002	2003	2003	2003	2040	2078	2102	2102	2102	LE07	LE11
Sample ID						0200TW001	0551TW001	0552TW001	2002TW001	2003TW001	2003TW002	2040TW001	2078TW001	2102TW001	2102TW001-AVG	2102TW001-D	LE07TW001	LE11TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I	PHASE I
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090518	20090211	20090202	20090514	20081216	20090409	20090210	20090122	20090219	20090219	20090219	20080712	20080703
Study Area						STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	PARCO LE	PARCO LE
Premise ID						6256107902130	6103408314130	6104900104128	6103719002115	6114510608132	6114510608132	6102201202170	6103103702348	6101304302163	6101304302163	6101304302163	NA	NA
Likely Water Source						PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level																		
Blank Cells indicate that parameter was not analyzed.																		
PLATE COUNT	500	NC	NC	NC	NC												81	9
Miscellaneous Parameters (MG/L)																		
CHLORIDE	NC	NC	NC	NC	NC	4.97	5.11	9.59	4.98	7.66		5.15	14.9	37.9	37.85	37.8	11.6	9.84
FLUORIDE	4	1.5	NC	15	NC	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.345	0.456	0.477	0.498	0.2 U	0.2 U
NITRATE	44.3	58	NC	580	NC	1.97	2.25	4.24	2	2.81		2.24	7.37	11.8	11.8	11.8	3.33	3.47
SULFATE	NC	NC	NC	NC	NC	1.76	2.07	4.2	1.93	8.31		2.07	9.66	13.3	13.35	13.4	9.42	10.2
Field Parameters																		
CHLORINE (MG/L)	4	3.7	NC	37	NC	0	0.08	0.1	0.16	0.08	0.12	0.06	0.4	0.02	0.02		0.04	0.02
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	9.33	10.41	10.58	10.67	9.37	7.05	9.78	8.92	8.61	8.61		8.61	9.6
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	362	551	566	574	477	589	345	637	317	317		294	301
PH (S.U.)	NC	NC	NC	NC	NC	7.36	6.9	7.76	7.19	7.21	7.02	7.14	7.47	7.5	7.5		7.25	7.43
SALINITY (%)	NC	NC	NC	NC	NC	0	0	0	0.01	0	0.02	0	0	0	0		0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.244	0.321	0.38	0.284	0.797	0.784	0.567	0.564	0.743	0.743		0.97	0.82
TEMPERATURE (C)	NC	NC	NC	NC	NC	22.25	11.62	11.13	17.97	14.92	16.42	12.78	13.85	9.56	9.56		24.54	28
TURBIDITY (NTU)	NC	NC	NC	NC	NC	0	15.3	0	0.1	0	0	0.7	3	16.1	16.1			17

NA-Not Available
NC-No Ceriteria
J-Estimated value
U-Not detected at that value
[C]-Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[R] Exceeds TW RSL

TABLE 3.9-4

STUDY AREA 09
TAP WATER-DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)																
1,2,3,4,6,7,8,9-OCDF	1/10	--	NC	0	1.7	0	170	--	NC	--	NC	0.0015 J	0.0015 J	0.00046 - 0.0024	0.0015	0.0007
1,2,3,4,7,8,9-HPCDF	1/10	--	NC	0	0.052	0	5.2	--	NC	--	NC	0.00042 J	0.00042 J	0.00017 - 0.000501	0.0004	0.0002
1,2,3,4,7,8-HXCDD	1/10	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.000254 J	0.000254 J	0.00012 - 0.00043	0.0003	0.0002
1,2,3,4,7,8-HXCDF	1/10	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00025 J	0.00025 J	0.000144 - 0.00073	0.0003	0.0002
1,2,3,7,8,9-HXCDD	1/10	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00034 J	0.00034 J	0.00021 - 0.00067	0.0003	0.0002
1,2,3,7,8,9-HXCDF	1/10	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.000212 J	0.000212 J	0.000144 - 0.0006	0.0002	0.0002
2,3,4,6,7,8-HXCDF	1/10	--	NC	0	0.0052	0	0.52	--	NC	--	NC	0.00033 J	0.00033 J	0.000144 - 0.000521	0.0003	0.0002
2,3,4,7,8-PECDF	1/10	--	NC	0	0.0017	0	0.17	--	NC	--	NC	0.00033 J	0.00033 J	0.000214 - 0.00072	0.0003	0.0002
2,3,7,8-TCDD	1/10	0	0.03	1	0.00052	0	0.052	0	0.37	--	NC	0.00094	0.00094	0.00023 - 0.00082	0.0009	0.0003
TEQ	5/10	--	NC	1	0.00052	0	0.052	0	0.37	--	NC	0.00000045	0.0009612	0.00024 - 0.00067	0.0002	0.0002
TOTAL HPCDD	9/10	--	NC	--	NC	--	NC	--	NC	--	NC	0.00057 J	0.0035 J	0.0005 - 0.0005	0.0020	0.0018
TOTAL HPCDF	9/10	--	NC	--	NC	--	NC	--	NC	--	NC	0.00063 J	0.004 J	0.00088 - 0.00088	0.0015	0.0014
TOTAL HXCDD	3/10	--	NC	--	NC	--	NC	--	NC	--	NC	0.00047 J	0.0013 J	0.00069 - 0.0011	0.0009	0.0006
TOTAL HXCDF	5/10	--	NC	--	NC	--	NC	--	NC	--	NC	0.000479 J	0.0019 J	0.000554 - 0.002111	0.0012	0.0009
TOTAL PECDF	8/10	--	NC	--	NC	--	NC	--	NC	--	NC	0.00046 J	0.0013 J	0.00043 - 0.000501	0.0008	0.0007
TOTAL TCDD	2/10	--	NC	--	NC	--	NC	--	NC	--	NC	0.0011 J	0.0011 J	0.00071 - 0.0025	0.0011	0.0007
TOTAL TCDF	5/10	--	NC	--	NC	--	NC	--	NC	--	NC	0.00038 J	0.00087 J	0.000333 - 0.0047	0.0006	0.0006
Field Parameters																
CHLORINE (MG/L)	11/11	0	4	0	3.7	--	NC	0	37	--	NC	0	0.4	-	0.10	0.10
DISSOLVED OXYGEN (MG/L)	11/11	--	NC	--	NC	--	NC	--	NC	--	NC	7.05	10.67	-	9.36	9.36
OXIDATION REDUCTION POTENTIAL (MV)	11/11	--	NC	--	NC	--	NC	--	NC	--	NC	294	637	-	455.73	455.73
PH (S.U.)	11/11	--	NC	--	NC	--	NC	--	NC	--	NC	6.9	7.76	-	7.29	7.29
SALINITY (%)	11/11	--	NC	--	NC	--	NC	--	NC	--	NC	0	0.02	-	0.00	0.00
SPECIFIC CONDUCTANCE (MS/CM)	11/11	--	NC	--	NC	--	NC	--	NC	--	NC	0.244	0.97	-	0.59	0.59
TEMPERATURE (C)	11/11	--	NC	--	NC	--	NC	--	NC	--	NC	9.56	28	-	16.64	16.64
TURBIDITY (NTU)	10/10	--	NC	--	NC	--	NC	--	NC	--	NC	0	17	-	5.22	5.22
Inorganics (UG/L)																
ALUMINUM	5/10	--	NC	0	37000	--	NC	0	370000	--	NC	2.29	17.8	2.2 - 2.2	7.2	4.1
ANTIMONY	1/10	0	6	0	15	--	NC	0	150	--	NC	0.245	0.245	0.14 - 0.14	0.2	0.1
ARSENIC	10/10	0	10	10	0.045	4	4.5	0	110	--	NC	1.22	5.32	-	3.3	3.3
BARIUM	10/10	0	2000	0	7300	--	NC	0	73000	--	NC	4.34	17.4	-	10.1	10.1
BERYLLIUM	1/10	0	4	0	73	--	NC	0	730	--	NC	0.0349	0.0349	0.03 - 0.057	0.0	0.0
CADMIUM	3/10	0	5	0	18	--	NC	0	180	--	NC	0.0546	0.0928	0.04 - 0.04	0.1	0.0
CALCIUM	8/8	--	NC	--	NC	--	NC	--	NC	--	NC	45.8	117	-	67.6	67.6
CHROMIUM	8/10	0	100	--	NC	--	NC	--	NC	--	NC	0.207	2	0.597 - 0.982	0.9	0.8
COBALT	5/10	--	NC	0	11	--	NC	0	110	--	NC	0.0421	0.155	0.03 - 0.03	0.1	0.1
COPPER	10/10	0	1300	0	1500	--	NC	0	15000	--	NC	6.26	120	-	64.1	64.1
COPPER	10/10	0	1300	0	1500	--	NC	0	15000	--	NC	6.26	120	-	64.1	64.1
IRON	9/10	--	NC	0	26000	--	NC	0	260000	--	NC	7.3	968	4.7 - 4.7	208.8	188.2
LEAD	10/10	1	15	--	NC	--	NC	--	NC	--	NC	0.411	64.5	-	7.9	7.9
MAGNESIUM	8/8	--	NC	--	NC	--	NC	--	NC	--	NC	5.01	26.1	-	10.3	10.3
MANGANESE	10/10	--	NC	0	880	--	NC	0	8800	--	NC	0.196	25.9	-	3.8	3.8
MERCURY	6/10	0	2	0	0.57	--	NC	0	5.7	0	0.63	0.015	0.054	0.015 - 0.015	0.0	0.0
NICKEL	8/10	--	NC	0	730	--	NC	0	7300	--	NC	0.154	141	0.272 - 0.849	19.0	15.2
POTASSIUM	8/8	--	NC	--	NC	--	NC	--	NC	--	NC	0.602	8.81	-	2.5	2.5
SELENIUM	4/10	0	50	0	180	--	NC	0	1800	--	NC	0.209	0.572	0.2 - 0.234	0.3	0.2
SODIUM	8/8	--	NC	--	NC	--	NC	--	NC	--	NC	2.64	21.6	-	6.6	6.6
TIN	6/10	--	NC	0	22000	--	NC	0	220000	--	NC	0.104	0.279	0.1 - 0.547	0.2	0.1
URANIUM	10/10	0	30	1	1.63	0	163	0	1100	--	NC	0.178	3.19	-	0.9	0.9
VANADIUM	5/10	--	NC	0	180	--	NC	0	2600	--	NC	1.08	4.62	1 - 1	2.7	1.6
ZINC	10/10	--	NC	0	11000	--	NC	0	110000	--	NC	25.3	3140	-	710.8	710.8
Microbiological Parameters																
PLATE COUNT (CFU/1)	2/2	0	500	--	NC	--	NC	--	NC	--	NC	9	81	-	45.0	45.0
Miscellaneous Parameters (MG/L)																
CHLORIDE	10/10	--	NC	--	NC	--	NC	--	NC	--	NC	4.97	37.9	-	11.17	11.17
FLUORIDE	2/10	0	4	--	1.5	--	NC	--	15	--	NC	0.345	0.498	0.2 - 0.2	0.41	0.16
NITRATE	10/10	0	44.3	0	58	--	NC	0	580	--	NC	1.97	11.8	-	4.15	4.15
SULFATE	10/10	--	NC	--	NC	--	NC	--	NC	--	NC	1.76	13.4	-	6.30	6.30
Semivolatile Organics (UG/L)																
BUTYL BENZYL PHTHALATE	1/4	--	NC	0	35	0	3500	0	73000	--	NC	0.143	0.143	0.0962 - 0.102	0.143	0.073
HEXACHLOROBUTADIENE	1/4	--	NC	0	0.86	0	86	0	370	--	NC	0.209 J	0.209 J	0.192 - 0.203	0.209	0.126
HEXACHLOROETHANE	1/4	--	NC	0	4.8	0	480	0	370	--	NC	0.158 J	0.158 J	0.0962 - 0.102	0.158	0.077

NC-No criteria
J-Estimated value

TABLE 3.9-4

STUDY AREA 09
TAP WATER-DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Detects > 100xC Tap Water RSL	100xC Tap Water RSL	Detects > 10xNC Tap Water RSL	10xNC Tap Water RSL	Detects > Inhalation Only RSL	Inhalation Only RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Volatile Organics (UG/L)																
BROMODICHLOROMETHANE	3/10	0	80	3	0.12	0	12	0	7300	--	NC	0.381 J	0.538	0.1 - 0.1	0.45	0.17
BROMOFORM	9/10	0	80	0	8.5	0	850	0	7300	--	NC	0.238 J	3.86	0.06 - 0.06	1.39	1.25
CHLORODIBROMOMETHANE	7/10	0	80	6	0.15	0	15	0	7300	--	NC	0.133 J	0.985	0.1 - 0.1	0.45	0.33
CHLOROFORM	4/10	0	80	3	0.19	0	19	0	1300	3	0.21	0.123 J	0.403	0.09 - 0.09	0.26	0.13
Radiological Parameters (PCI/L)																
GROSS ALPHA	2/11	0	15	--	NC	--	NC	--	NC	--	NC	3.5	8.4	1.39 - 2.99	5.95	1.86
GROSS BETA	4/11	1	8	--	NC	--	NC	--	NC	--	NC	2.75	14.3	2.01 - 5.9	7.85	4.28

NC-No criteria
J-Estimated value

TABLE 3.9-5

STUDY AREA 09
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0551	0552	2003	2078	2102
Sample ID		0551SS0010006	0552SS0010006	2003SS0010006	2078SS0010006	2102SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090211	20090202	20081216	20090122	20090219
Study Area		STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09
Premise ID		6103408314130	6104900104128	6114510608132	6103103702348	6101304302163
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level						
Dioxins/Furans (NG/KG)						
1,2,3,4,6,7,8,9-OCDD	15000	110	16	12 J	15	48 J
1,2,3,4,6,7,8,9-OCDF	15000	4.4 J	1.5 U	0.81 U	1.7 J	5.4 J
1,2,3,4,6,7,8-HPCDD	450	16	8.5	2.1 U	3.3 J	7.7
1,2,3,4,6,7,8-HPCDF	450	5.2 J	4.1 J	1 U	2 J	1.8 J
1,2,3,4,7,8,9-HPCDF	450	0.37 J	0.39 J	0.151 U	0.21 J	0.29 U
1,2,3,4,7,8-HXCDD	45	0.44 J	0.17 J	0.112 U	0.21 U	0.37 U
1,2,3,4,7,8-HXCDF	45	1.2 J	1.2 J	0.35 U	0.85 J	0.32 J
1,2,3,6,7,8-HXCDD	45	0.8 J	1 J	0.12 U	0.4 U	0.31 U
1,2,3,6,7,8-HXCDF	45	0.84 J	0.82 J	0.32 U	0.67 J	0.42 J
1,2,3,7,8,9-HXCDD	45	0.58 J	0.57 J	0.19 U	0.23 J	0.32 U
1,2,3,7,8,9-HXCDF	45	0.11 J	0.2 U	0.19 U	0.12 U	0.35 U
1,2,3,7,8-PECDF	150	0.9 J	1.1	0.44 J	0.65 J	0.29 J
2,3,4,6,7,8-HXCDF	45	1.1 J	0.87 J	0.36 U	0.77 J	1.1 J
2,3,4,7,8-PECDF	15	1.3	1.1	0.49 J	0.68 J	0.23 U
2,3,7,8-TCDD	4.5	0.12 J	0.17 J	0.14 U	0.123 U	0.15 U
2,3,7,8-TCDF	45	1.7	1 J	0.65 U	0.77 J	0.55 U
TEQ	4.5	1.46	1.23	0.16	0.61	0.30
TOTAL HPCDD	NC	30	14	4 J	5.9 J	16
TOTAL HPCDF	NC	11 J	8.8 J	2 J	3.5 J	3.5 J
TOTAL HXCDD	NC	12 J	12	2.4 J	4.6 J	4.8 J
TOTAL HXCDF	NC	17 J	17 J	2.5 J	6.6 J	4.5 J
TOTAL PECDD	NC	7.9	11	0.12 J	4 J	0.29 U
TOTAL PECDF	NC	20	21	2.1 J	4.8 J	2.6 J
TOTAL TCDD	NC	6.8	13	1.5 J	2.6	1.6
TOTAL TCDF	NC	21 J	15 J	1.8 J	12 J	4.5 J
Volatile Organics (MG/KG)						
CHLOROFORM	0.3	0.000973 U	0.000937 U	0.00103 J	0.000979 U	0.000966 U
TOLUENE	5000	0.00119 J	0.00067 U	0.000755 J	0.000699 U	0.00069 U
Semivolatile Organics (MG/KG)						
1,1-BIPHENYL	3900	0.0207 U	0.0342 U	0.022 U	0.0212 J	0.0207 U
2,4-DICHLOROPHENOL	180	0.106 U	0.176 U	0.113 U	0.112 J	0.106 UJ
2,6-DICHLOROPHENOL	NC	0.065 U	0.107 U	0.0689 U	0.0986 J	0.0648 UJ
2-CHLORONAPHTHALENE	6300	0.0111 U	0.0183 U	0.0117 U	0.0227 J	0.011 U
2-CHLOROPHENOL	390	0.0691 U	0.114 U	0.0733 U	0.115 J	0.069 UJ
2-METHYLNAPHTHALENE	310	0.0235 U	0.0388 U	0.0249 U	0.0274 J	0.0235 U
2-METHYLPHENOL	3100	0.138 U	0.228 U	0.147 U	0.137 J	0.138 UJ
2-NITROPHENOL	NC	0.0871 U	0.144 U	0.0923 U	0.0864 J	0.0869 UJ
3&4-METHYLPHENOL	NC	0.159 U	0.263 U	0.168 U	0.227 J	0.159 UJ
ACENAPHTHENE	3400	0.0138 U	0.0228 U	0.0147 U	0.0143 J	0.0138 U
ACENAPHTHYLENE	3400	0.0124 U	0.0205 U	0.0132 U	0.0123 J	0.0124 U
ANILINE	85	0.0276 U	0.0457 U	0.0293 U	0.0274 J	0.0276 U

NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Tap Water RSL

TABLE 3.9-5

STUDY AREA 09
SOIL - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0551	0552	2003	2078	2102
Sample ID		0551SS0010006	0552SS0010006	2003SS0010006	2078SS0010006	2102SS0010006
Residential / Government	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL
Event	SOIL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[R]	20090211	20090202	20081216	20090122	20090219
Study Area		STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09
Premise ID		6103408314130	6104900104128	6114510608132	6103103702348	6101304302163
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level						
ANTHRACENE	17000	0.0175 J	0.0274 U	0.0176 U	0.0254 J	0.0166 U
BAP EQUIVALENT	0.015	**0.086711 [R]**	0.0388 U	0.0249 U	**0.049582 [R]**	0.0235 U
BENZO(A)ANTHRACENE	0.15	0.0689 J	0.0365 U	0.0234 U	0.0464 J	0.0221 U
BENZO(A)PYRENE	0.015	**0.073 J [R]**	0.0388 U	0.0249 U	**0.0409 J [R]**	0.0235 U
BENZO(B)FLUORANTHENE	0.15	0.0617 J	0.0457 U	0.0293 U	0.0365 J	0.0276 U
BENZO(K)FLUORANTHENE	1.5	0.0578 J	0.0411 U	0.0264 U	0.0335 J	0.0248 U
BIS(2-ETHYLHEXYL)PHTHALATE	35	0.15 J	0.24 U	0.154 U	0.144 U	0.529
CHRYSENE	15	0.0734 J	0.0297 U	0.019 U	0.0574 J	0.0179 U
DI-N-BUTYL PHTHALATE	6100	0.0594 U	0.0982 U	0.063 U	0.059 J	0.0593 U
DIBENZOFURAN	78	0.0138 U	0.0228 U	0.0147 U	0.0137 J	0.0138 U
FLUORANTHENE	2300	0.115 J	0.0434 U	0.0278 U	0.0781 J	0.0262 U
NITROBENZENE	4.4	0.0207 U	0.0342 U	0.022 U	0.0317 J	0.0207 U
O-TOLUIDINE	NC	0.0249 U	0.0411 U	0.0264 U	0.0247 J	0.0248 U
PHENANTHRENE	1700	0.0691 J	0.0685 U	0.044 U	0.0411 U	0.0414 U
PHENOL	18000	0.047 U	0.0776 U	0.0498 U	0.127 J	0.0469 UJ
PYRENE	1700	0.0933 J	0.0411 U	0.0264 U	0.0592 J	0.0248 U
Inorganics (MG/KG)						
ALUMINUM	77000	52400	46800	33500	45800 J	52000
ANTIMONY	31	0.988	0.55	0.509	0.811	0.906
ARSENIC	0.39	**15.3 [R]**	**12.9 [R]**	**16.1 [R]**	**15.8 [R]**	**23.4 [R]**
BARIUM	15000	430	373	198	373 J	410
BERYLLIUM	160	6.42	5.23	4.31	5.42	5.98
CADMIUM	70	0.465	0.156	0.224	0.848	0.417
CHROMIUM	120000	15	8.78	3.3	13	48.7 J
COBALT	23	8.17	7.16	3.37	8.48	7.45
COPPER	3100	27.1	54.8	38.3	31	21.1
IRON	55000	27000	23100	14900	26200 J	27000
LEAD	400	74	45.1	40.1	62.1	40.9
MANGANESE	1800	928	844	597	940 J	879
MERCURY	5.6	0.0965 U	0.103 U	0.0974 U	0.271	0.0971 U
NICKEL	1500	9.92	8.35	3.21	9.91	10.1
SELENIUM	390	0.316	0.175	0.287 U	0.243	0.209
SILVER	390	0.356	0.104 U	0.103 U	0.299	0.19
THALLIUM	NC	1.87	1.74	2.27	1.75	2.13 J
TIN	47000	7.02	2.95	2.53	4.81	3.4
VANADIUM	390	53	46.2	28.1	48.8	51.9
ZINC	23000	544	75.7	57.6	113	120
Miscellaneous Parameters (MG/KG)						
CYANIDE	1600	0.167 U	0.16 U	0.201	0.166 U	0.125 U

NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Tap Water RSL

TABLE 3.9-6

STUDY AREA 09
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/KG)								
1,2,3,4,6,7,8,9-OCDD	5/5	0	15000	12 J	110	-	40.20	40.20
1,2,3,4,6,7,8,9-OCDF	3/5	0	15000	1.7 J	5.4 J	0.81 - 1.5	3.83	2.53
1,2,3,4,6,7,8-HPCDD	4/5	0	450	3.3 J	16	2.1 - 2.1	8.88	7.31
1,2,3,4,6,7,8-HPCDF	4/5	0	450	1.8 J	5.2 J	1 - 1	3.28	2.72
1,2,3,4,7,8,9-HPCDF	3/5	0	450	0.21 J	0.39 J	0.151 - 0.29	0.32	0.24
1,2,3,4,7,8-HXCDD	2/5	0	45	0.17 J	0.44 J	0.112 - 0.37	0.31	0.19
1,2,3,4,7,8-HXCDF	4/5	0	45	0.32 J	1.2 J	0.35 - 0.35	0.89	0.75
1,2,3,4,7,8-HXCDF	4/5	0	45	0.32 J	1.2 J	0.35 - 0.35	0.89	0.75
1,2,3,6,7,8-HXCDD	2/5	0	45	0.8 J	1 J	0.12 - 0.4	0.90	0.44
1,2,3,6,7,8-HXCDF	4/5	0	45	0.42 J	0.84 J	0.32 - 0.32	0.69	0.58
1,2,3,7,8,9-HXCDD	3/5	0	45	0.23 J	0.58 J	0.19 - 0.32	0.46	0.33
1,2,3,7,8,9-HXCDF	1/5	0	45	0.11 J	0.11 J	0.12 - 0.35	0.11	0.11
1,2,3,7,8-PECDF	5/5	0	150	0.29 J	1.1	-	0.68	0.68
2,3,4,6,7,8-HXCDF	4/5	0	45	0.77 J	1.1 J	0.36 - 0.36	0.96	0.80
2,3,4,6,7,8-HXCDF	4/5	0	45	0.77 J	1.1 J	0.36 - 0.36	0.96	0.80
2,3,4,7,8-PECDF	4/5	0	15	0.49 J	1.3	0.23 - 0.23	0.89	0.74
2,3,7,8-TCDD	2/5	0	4.5	0.12 J	0.17 J	0.123 - 0.15	0.15	0.10
2,3,7,8-TCDF	3/5	0	45	0.77 J	1.7	0.55 - 0.65	1.16	0.81
TEQ	5/5	0	4.5	0.1638	1.46402	-	0.75	0.75
TOTAL HPCDD	5/5	--	NC	4 J	30	-	13.98	13.98
TOTAL HPCDF	5/5	--	NC	2 J	11 J	-	5.76	5.76
TOTAL HXCDD	5/5	--	NC	2.4 J	12 J	-	7.16	7.16
TOTAL HXCDD	5/5	--	NC	2.4 J	12	-	7.16	7.16
TOTAL HXCDF	5/5	--	NC	2.5 J	17 J	-	9.52	9.52
TOTAL HXCDF	5/5	--	NC	2.5 J	17 J	-	9.52	9.52
TOTAL PECDD	4/5	--	NC	0.12 J	11	0.29 - 0.29	5.76	4.63
TOTAL PECDF	5/5	--	NC	2.1 J	21	-	10.10	10.10
TOTAL TCDD	5/5	--	NC	1.5 J	13	-	5.10	5.10
TOTAL TCDF	5/5	--	NC	1.8 J	21 J	-	10.86	10.86
Inorganics (MG/KG)								
ALUMINUM	5/5	0	77000	33500	52400	-	46100	46100
ANTIMONY	5/5	0	31	0.509	0.988	-	0.8	0.8
ARSENIC	5/5	5	0.39	12.9	23.4	-	16.7	16.7
BARIUM	5/5	0	15000	198	430	-	356.8	356.8
BERYLLIUM	5/5	0	160	4.31	6.42	-	5.5	5.5
CADMIUM	5/5	0	70	0.156	0.848	-	0.4	0.4
CHROMIUM	5/5	0	120000	3.3	48.7 J	-	17.8	17.8
COBALT	5/5	0	23	3.37	8.48	-	6.9	6.9
COPPER	5/5	0	3100	21.1	54.8	-	34.5	34.5
IRON	5/5	0	55000	14900	27000	-	23640.0	23640.0
IRON	5/5	0	55000	14900	27000	-	23640.0	23640.0
LEAD	5/5	0	400	40.1	74	-	52.4	52.4
MANGANESE	5/5	0	1800	597	940 J	-	837.6	837.6

NC-No Criteria
J-Estimated value

TABLE 3.9-6

STUDY AREA 09
SOIL - DATA SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Soil RSL	Soil RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
MERCURY	1/5	0	5.6	0.271	0.271	0.0965 - 0.103	0.3	0.1
NICKEL	5/5	0	1500	3.21	10.1	-	8.3	8.3
SELENIUM	4/5	0	390	0.175	0.316	0.287 - 0.287	0.2	0.2
SILVER	3/5	0	390	0.19	0.356	0.103 - 0.104	0.3	0.2
THALLIUM	5/5	--	NC	1.74	2.27	-	2.0	2.0
TIN	5/5	0	47000	2.53	7.02	-	4.1	4.1
VANADIUM	5/5	0	390	28.1	53	-	45.6	45.6
ZINC	5/5	0	23000	57.6	544	-	182.1	182.1
Miscellaneous Parameters (MG/KG)								
CYANIDE	1/5	0	1600	0.201	0.201	0.125 - 0.167	0.201	0.102
Semivolatile Organics (MG/KG)								
1,1-BIPHENYL	1/5	0	3900	0.0212 J	0.0212 J	0.0207 - 0.0342	0.0212	0.0140
2,4-DICHLOROPHENOL	1/5	0	180	0.112 J	0.112 J	0.106 - 0.176	0.1120	0.0725
2,6-DICHLOROPHENOL	1/5	--	NC	0.0986 J	0.0986 J	0.0648 - 0.107	0.0986	0.0503
2-CHLORONAPHTHALENE	1/5	0	6300	0.0227 J	0.0227 J	0.011 - 0.0183	0.0227	0.0098
2-CHLOROPHENOL	1/5	0	390	0.115 J	0.115 J	0.069 - 0.114	0.1150	0.0555
2-METHYLNAPHTHALENE	1/5	0	310	0.0274 J	0.0274 J	0.0235 - 0.0388	0.0274	0.0166
2-METHYLPHENOL	1/5	0	3100	0.137 J	0.137 J	0.138 - 0.228	0.1370	0.0925
2-NITROPHENOL	1/5	--	NC	0.0864 J	0.0864 J	0.0869 - 0.144	0.0864	0.0583
3&4-METHYLPHENOL	1/5	--	NC	0.227 J	0.227 J	0.159 - 0.263	0.2270	0.1203
ACENAPHTHENE	1/5	0	3400	0.0143 J	0.0143 J	0.0138 - 0.0228	0.0143	0.0094
ACENAPHTHYLENE	1/5	0	3400	0.0123 J	0.0123 J	0.0124 - 0.0205	0.0123	0.0083
ANILINE	1/5	0	85	0.0274 J	0.0274 J	0.0276 - 0.0457	0.0274	0.0185
ANTHRACENE	2/5	0	17000	0.0175 J	0.0254 J	0.0166 - 0.0274	0.0215	0.0147
BAP EQUIVALENT	2/5	2	0.015	0.049582	0.086711	0.0235 - 0.0388	0.0681	0.0360
BENZO(A)ANTHRACENE	2/5	0	0.15	0.0464 J	0.0689 J	0.0221 - 0.0365	0.0577	0.0313
BENZO(A)PYRENE	2/5	2	0.015	0.0409 J	0.073 J	0.0235 - 0.0388	0.0570	0.0315
BENZO(B)FLUORANTHENE	2/5	0	0.15	0.0365 J	0.0617 J	0.0276 - 0.0457	0.0491	0.0299
BENZO(K)FLUORANTHENE	2/5	0	1.5	0.0335 J	0.0578 J	0.0248 - 0.0411	0.0457	0.0275
BIS(2-ETHYLHEXYL)PHTHALATE	2/5	0	35	0.15 J	0.529	0.144 - 0.24	0.3395	0.1896
CHRYSENE	2/5	0	15	0.0574 J	0.0734 J	0.0179 - 0.0297	0.0654	0.0328
DI-N-BUTYL PHTHALATE	1/5	0	6100	0.059 J	0.059 J	0.0593 - 0.0982	0.0590	0.0398
DIBENZOFURAN	1/5	0	78	0.0137 J	0.0137 J	0.0138 - 0.0228	0.0137	0.0093
FLUORANTHENE	2/5	0	2300	0.0781 J	0.115 J	0.0262 - 0.0434	0.0966	0.0484
NITROBENZENE	1/5	0	4.8	0.0317 J	0.0317 J	0.0207 - 0.0342	0.0317	0.0161
O-TOLUIDINE	1/5	--	NC	0.0247 J	0.0247 J	0.0248 - 0.0411	0.0247	0.0167
PHENANTHRENE	1/5	0	1700	0.0691 J	0.0691 J	0.0411 - 0.0685	0.0691	0.0333
PHENOL	1/5	0	18000	0.127 J	0.127 J	0.0469 - 0.0776	0.1270	0.0475
PYRENE	2/5	0	1700	0.0592 J	0.0933 J	0.0248 - 0.0411	0.0763	0.0397
Volatile Organics (MG/KG)								
CHLOROFORM	1/5	0	0.29	0.00103 J	0.00103 J	0.000937 - 0.000979	0.00103	0.00059
TOLUENE	2/5	0	5000	0.000755 J	0.00119 J	0.00067 - 0.000699	0.00097	0.00059

NC-No Criteria
J-Estimated value

TABLE 3.10-1

ACTIVE SOIL GAS DATA SUMMARY
ACTIVE SOIL GAS CONTAMINANTS WITH CONCENTRATIONS GREATER THAN SOIL GAS RSLS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

CONTAMINANT > RSL	Study Area 1	Study Area 2	Study Area 3	Study Area 4	Study Area 5	Study Area 6	Study Area 7	Study Area 8	Study Area 9	Total Exceedances	% Exceedances
1,1,1,2-TETRACHLOROETHANE		1			1					2	1.1%
1,1,2,2-TETRACHLOROETHANE						1	1	1		3	1.7%
1,2-DIBROMO-3-CHLOROPROPANE					1					1	0.6%
1,2-DIBROMOETHANE	1				1	3			1	6	3.4%
1,2-DICHLOROPROPANE	2	2	3	2	3	5	5	6	4	**32**	**18.1%**
1,2,4-TRIMETHYLBENZENE						1				1	0.6%
1,3-BUTADIENE						1	1	3		5	2.8%
1,4-DICHLOROBENZENE	1									1	0.6%
ACROLEIN	12	3	4	5	16	15	15	20	5	**95**	**53.7%**
ACRYLONITRILE			1			7	2	1		11	6.2%
BENZENE	3	1	5	2	4	4	4	12	3	**38**	**21.5%**
BROMODICHLOROMETHANE	2	1			1	1	1	1		7	4.0%
BROMOFORM	1									1	0.6%
CARBON TETRACHLORIDE						2				2	1.1%
CHLORODIBROMOMETHANE	1					1				2	1.1%
CHLOROFORM	7	3	4	1	16	11	9	8	5	**64**	**36.2%**
ETHYLBENZENE	5		3	2	1	4	7	9	1	32	18.1%
HEXACHLOROBUTADIENE	4	1	3	2	7	5	2	2	1	**27**	**15.3%**
HEXANE				1				1		2	1.1%
METHYL-T-BUTYL ETHER	1									1	0.6%
TETRACHLOROETHENE	13	6	6	8	14	23	12	23	6	**111**	**62.7%**
TRANS-1,4-DICHLORO-2-BUTENE						1				1	0.6%
TRICHLOROETHENE	2					1				3	1.7%
TOTAL SAMPLES	26	8	10	11	32	28	25	29	8	177	

Values repesent number of samples with contaminant concentration exceeding RSL.
Blanks represent zero.
Bold indicates exccedances in every Study Area.

TABLE 3.10-2

DATA SUMMARY FOR ACTIVE SOIL GAS CONTAMINANTS THAT FREQUENTLY EXCEEDED RSLS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

CONTAMINANT	Total Detections	Total Exceedances	% Exceedances	% Detections	% Detections that Exceed RSL
TETRACHLOROETHENE	156	111	62.7%	88.1%	71.2%
ACROLEIN	96	95	53.7%	54.2%	99.0%
CHLOROFORM	128	65	36.7%	72.3%	50.8%
BENZENE	163	38	21.5%	92.1%	23.3%
ETHYLBENZENE	155	32	18.1%	87.6%	20.6%
1,2-DICHLOROPROPANE	88	32	18.1%	49.7%	36.4%
HEXACHLOROBUTADIENE	62	27	15.3%	35.0%	43.5%
TOTAL SAMPLES	177				

TABLE 3.10-3

CO-LOCATED AMBIENT AIR DATA - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location ID	0171	0185	0488	0512	0548	0548	0548	0805	0815	0827
Sample ID	0171AA001	0185AA001	0488AA001	0512AA001	0548AA001	0548AA001-AVG	0548AA001-D	0805AA001	0815AA001	0827AA001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	01	01	08	08	06	06	06	06	06	06
Sample Date	20090706	20090725	20090703	20090610	20090610	20090610	20090610	20090804	20090905	20090604
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 08	STUDY AREA 08	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6315800647458	6300976002216	6129420604112	6129403202087	6113903102136	6113903102136	6113903102136	6111212802114	6111219018152	6111219702118
Likely Water Source	PUBLIC	PUBLIC	WELL	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)										
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.206 J	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.192 J	0.15 U	0.199 J	0.34	0.155 J	0.1555 J	0.156 J	0.318	0.15 U	0.17 J
1,1,2,2-TETRACHLOROETHANE	0.368	0.141 U	0.381	0.04 U	0.04 U	0.0845	0.149	0.331	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.813	0.807	0.757	0.532	0.809	0.806	0.803	0.998	0.588	0.766
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.227	0.05 U	0.05 U	0.05 U	0.202	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.173 J	0.1 U	0.1 U	0.1 U	0.191 J	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.452 J	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	2	0.382 U	1.69	0.579 U	0.48 U	0.4505 U	0.421 U	0.809 U	1.67 U	1.13 U
1,2,4-TRIMETHYLBENZENE	0.842	1.39	0.964	0.359	0.533	0.4665	0.4	0.836	0.691	0.941
1,2-DIBROMO-3-CHLOROPROPANE	0.284	0.1 U	0.27	0.1 U	0.1 U	0.1 U	0.1 U	0.183 U	0.1 U	0.226 U
1,2-DIBROMOETHANE	0.19 J	0.12 U	0.12 U	0.454	0.155 J	0.1075 J	0.12 U	0.404	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.923	0.171 U	0.845	0.282	0.187 J	0.182 J	0.177 J	0.35 U	0.294	0.376 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.381	0.166 J	0.1645 J	0.163 J	0.326	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.271 U	0.402	0.232 U	0.09 U	0.154 J	0.0995 J	0.09 U	0.526	0.657	0.443
1,3,5-TRIMETHYLBENZENE	0.55	0.433	0.545	0.282	0.248	0.217 J	0.186 J	0.418	0.299 U	0.394
1,3-DICHLOROBENZENE	0.881	0.172 U	0.81	0.297	0.185 J	0.1755 J	0.166 J	0.336 U	0.234	0.393 U
1,4-DICHLOROBENZENE	0.818	0.169 U	0.741	0.276	0.18 J	0.168 J	0.156 J	0.33 U	0.21	0.336 U
2-BUTANONE	0.951	2.17	1.05	1.23	1.19	1.15	1.11	3.29	1.48	1.07
ACETONE	11.8	16.8	12.2	8.37	10.8	9.28	7.76	13.1	13.3	17.4
ACETONITRILE	0.436 J	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	2.26 U	0.38 U
ACETOPHENONE	1.05 J	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.41 U	0.564 J	0.41 U	0.544 J	0.41 U	0.41 U	0.41 U	0.454 J	0.764 J	0.41 U
BENZENE	0.478 U	2.35	0.82	0.564	0.403	0.4085	0.414	1.2	1.07	0.929
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.437	0.15 U	0.15 U	0.15 U	0.319	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.168 J	0.07 U	0.222	0.07 U	0.07 U	0.07 U	0.257	0.07 U	0.07 U
CARBON DISULFIDE	0.596	0.102 J	0.1 U	0.243	0.182 J	0.141 J	0.1 J	0.203	0.1 U	0.132 J
CARBON TETRACHLORIDE	0.709 U	0.64	0.727 U	0.636	0.668	0.655	0.642	0.867	0.523 U	0.696
CHLOROBENZENE	0.376	0.115 U	0.363	0.328	0.127 J	0.1235 J	0.12 J	0.273	0.04 U	0.238
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.463 J	0.24 U	0.24 U	0.24 U	0.398 J	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.153 J	0.11 U	0.11 U	0.11 U	0.171 J	0.11 U	0.11 U
CHLOROFORM	0.213 U	0.11 U	0.11 U	2.15	0.22	0.2385	0.257	0.359	0.11 U	0.201
CHLOROMETHANE	1.45	1.5	1.3	0.858	1.23	1.295	1.36	1.44	1.23	1.27
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.223	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.0655 J	0.212	0.04 U	0.243	0.04 U	0.04 U	0.04 U	0.3	0.04 U	0.04 U
CYCLOHEXANE	0.11 U	1.4	0.11 U	0.726	0.155 J	0.1775 J	0.2	1.1	0.639	2.29
DIBROMOMETHANE	0.23 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U

NA-Not Available
J-Estimated value
U-Not detected at that level

TABLE 3.10-3

CO-LOCATED AMBIENT AIR DATA - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location ID	0171	0185	0488	0512	0548	0548	0548	0805	0815	0827
Sample ID	0171AA001	0185AA001	0488AA001	0512AA001	0548AA001	0548AA001-AVG	0548AA001-D	0805AA001	0815AA001	0827AA001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	01	01	08	08	06	06	06	06	06	06
Sample Date	20090706	20090725	20090703	20090610	20090610	20090610	20090610	20090804	20090905	20090604
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 08	STUDY AREA 08	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6315800647458	6300976002216	6129420604112	6129403202087	6113903102136	6113903102136	6113903102136	6111212802114	6111219018152	6111219702118
Likely Water Source	PUBLIC	PUBLIC	WELL	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC
DICHLORODIFLUOROMETHANE	3.19	2.81	2.75	1.63	2.92	2.87	2.82	3.34	2.67	2.66
ETHYLBENZENE	0.56 U	1.57	0.904	0.488	0.415	0.3985	0.382	1.57	0.619	0.79
HEXACHLOROBUTADIENE	2.14	0.369 U	1.86	0.633 U	0.491 U	0.473 U	0.455 U	0.653 U	1.47 U	0.585 U
HEXACHLOROETHANE	0.245	0.07 U	0.288	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	0.187 J	1.21	0.209 J	0.868	0.191 J	0.2485 J	0.306	0.842	0.714	2.15
ISOBUTANOL	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.158 J	0.108 J	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
M+P-XYLENES	1.52	4.93	3.08	1.14	1.44	1.355	1.27	4.8	1.85	2.98
METHYL ACETATE	0.351 J	0.32 J	0.301 J	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.348 J	0.27 U
METHYL CYCLOHEXANE	0.16 J	0.286	0.124 J	0.365	0.08 U	0.08 U	0.08 U	0.121 J	0.08 U	0.403
METHYL TERT-BUTYL ETHER	0.519	3.01	1.07	0.17 U	0.426	0.411	0.396	1.29	0.65	0.17 U
METHYLENE CHLORIDE	0.515	0.744	0.674	1.91	0.471	0.542	0.613	1.01	0.926	1.95
O-XYLENE	0.664 U	1.73	1.14	0.46	0.481	0.4425	0.404	1.2	0.696	0.982
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	0.336 U	0.221	0.579 U	0.323	0.236	0.2045 J	0.173 J	0.713	0.503	0.215
TETRACHLOROETHENE	1.45 U	1.45 U	1.45 U	1.71 J	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U
TOLUENE	1.62	7.97	3.71	1.49	1.61	1.45	1.29	3.73	3.27	3.9
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.197 J	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.174 J	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.316	0.07 U	0.139 J
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.325	0.191 J	0.323	0.374	0.125 J	0.1215 J	0.118 J	0.291	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	1.73	1.57	1.58	1.04	1.63	1.61	1.59	1.92	1.4	1.49
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.151 J	0.11 U	0.11 U

NA-Not Available
J-Estimated value
U-Not detected at that level

TABLE 3.10-3

CO-LOCATED AMBIENT AIR DATA - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location ID	0851	1751	1756	1771	1926	1945	1969	LE51
Sample ID	0851AA001	1751AA001	1756AA001	1771AA001	1926AA001	1945AA001	1969AA001	LE51AA001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	06	05	05	05	07	05	05	09
Sample Date	20090811	20090708	20090616	20090611	20090703	20090702	20090624	20090615
Study Area	STUDY AREA 06	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 07	STUDY AREA 05	STUDY AREA 05	PARCO LE GINESTRE
Premise ID	6111219018146	6131224406087	6131222602002	6131222602080	6112715700003	6322977920220	6322768040140	NA
Likely Water Source	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)								
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.437	0.18 U	0.248 J	0.269 J	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.174 J	0.231 J	0.15 U	0.195 J	0.187 J	0.184 J	0.163 J	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.3	0.04 U	0.193	0.383	0.428	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.791	0.857	0.834	0.817	0.741	0.784 U	0.844	0.764
1,1-DICHLOROETHANE	0.05 U	0.165 J	0.05 U	0.05 U	0.05 U	0.0775 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.152 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.532 J	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.381	0.07 U	0.19 J	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.729 U	0.19 U	0.656	0.574 U	1.75	1.9	0.52	0.539 U
1,2,4-TRIMETHYLBENZENE	0.491	0.838	0.193 J	0.292	0.593	0.529	0.332	0.549
1,2-DIBROMO-3-CHLOROPROPANE	0.18 J	0.1 U	0.6	0.1 U	0.312	0.308	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.282	0.12 U	0.178 J	0.12 U	0.12 U	0.173 J	0.162 J
1,2-DICHLOROBENZENE	0.214	0.248 U	0.237	0.219 U	0.871	0.954	0.23	0.21 U
1,2-DICHLOROETHANE	0.1 U	0.235	0.216	0.206	0.1 U	0.116 J	0.144 J	0.22
1,2-DICHLOROPROPANE	0.531	0.343	0.271	0.176 J	0.404 U	0.191 U	0.357	0.306
1,3,5-TRIMETHYLBENZENE	0.283	0.386	0.156 J	0.174 J	0.442	0.435	0.206	0.256
1,3-DICHLOROBENZENE	0.196 J	0.242 U	0.223	0.204 U	0.828	0.914	0.221	0.197 U
1,4-DICHLOROBENZENE	0.189 J	0.239 U	0.226	0.206 U	0.752	1.44	0.243	0.197 U
2-BUTANONE	1.25	1.84	1.34	0.796	1.87	0.706	0.766	1.37
ACETONE	12.7	17.7	13.4	7.55	11.6	7.27	5.5	19.4
ACETONITRILE	0.38 U	0.38 U	0.47 J	0.38 U	0.407 J	0.38 U	0.38 U	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.41 U	0.691 J	0.658 J	0.41 U	0.41 U	0.435 J	0.41 U	0.41 U
BENZENE	0.418	0.731	0.252	0.349	0.639	0.183 U	0.313	0.61
BROMODICHLOROMETHANE	0.15 U	0.222 J	0.15 U	0.153 J	0.15 U	0.15 U	0.151 J	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.231 J	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.137 J	0.248	0.142 J	0.07 U	0.07 U	0.07 U	0.12 J	0.07 U
CARBON DISULFIDE	0.12 J	0.186 J	0.143 J	0.117 J	0.1 U	0.1 U	0.133 J	0.138 J
CARBON TETRACHLORIDE	0.681	0.702	0.748	0.717	0.661 U	0.695 U	0.598	0.647
CHLOROBENZENE	0.152 J	0.207	0.18 J	0.162 J	0.355	0.376 U	0.177 J	0.158 J
CHLORODIBROMOMETHANE	0.24 U	0.257 J	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.156 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.179 J	0.286	0.11 U	0.198 J	0.194 U	0.195 U	0.11 U	0.212
CHLOROMETHANE	1.36	1.76	1.51	1.45	1.3	1.29	1.12	1.39
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.126 J	0.158 J	0.04 U	0.0975 J	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.203	0.55	0.11 U	0.11 U	0.27	0.11 U	0.18 J	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.471	0.15 U	0.232 J	0.236 J	0.15 U	0.15 U

NA-Not Available
J-Estimated value
U-Not detected at that level

TABLE 3.10-3

CO-LOCATED AMBIENT AIR DATA - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location ID	0851	1751	1756	1771	1926	1945	1969	LE51
Sample ID	0851AA001	1751AA001	1756AA001	1771AA001	1926AA001	1945AA001	1969AA001	LE51AA001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	06	05	05	05	07	05	05	09
Sample Date	20090811	20090708	20090616	20090611	20090703	20090702	20090624	20090615
Study Area	STUDY AREA 06	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 07	STUDY AREA 05	STUDY AREA 05	PARCO LE GINESTRE
Premise ID	6111219018146	6131224406087	6131222602002	6131222602080	6112715700003	6322977920220	6322768040140	NA
Likely Water Source	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC
DICHLORODIFLUOROMETHANE	2.94	3.13	2.89	3.07	2.72	2.77	2.44	2.62
ETHYLBENZENE	0.368	1.06	0.188 J	0.272	0.582 U	0.315 U	0.348	0.438
HEXACHLOROBUTADIENE	0.519 U	0.627	0.515	0.578 U	1.83	2.06	0.636	0.576 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.498	0.07 U	0.332	0.338	0.07 U	0.07 U
HEXANE	0.242 J	1.19	0.17 U	0.17 U	0.5	0.17 U	0.481	0.264 J
ISOBUTANOL	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.07 U	0.07 U	0.273	0.07 U	0.07 U	0.144 J	0.07 U	0.07 U
M+P-XYLENES	1.03	4.23	0.441	0.723	1.43	0.722	0.671	1.34
METHYL ACETATE	0.415 J	0.27 U	0.346 J	0.27 U	0.383 J	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.08 U	0.505	0.217	0.08 U	0.186 J	0.115 J	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	0.419	0.767	0.17 U	0.227 J	0.17 U	0.17 U	0.17 U	0.624
METHYLENE CHLORIDE	0.986	1.41	0.616	0.367	0.505	0.237	0.304	0.622
O-XYLENE	0.359	1.1	0.186 J	0.281	0.604 U	0.337 U	0.313	0.492
PENTACHLOROETHANE	0.25 U	0.25 U	0.445 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	0.192 J	0.619	0.14 J	0.152 J	0.257 U	0.224 U	0.23	0.182 J
TETRACHLOROETHENE	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U
TOLUENE	2.38	5.91	0.692	0.849	2.54	0.351 U	0.802	2.09
TRANS-1,2-DICHLOROETHENE	0.11 U	0.159 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.118 J	0.163 J	0.07 U	0.109 J	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.341 J	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.133 J	0.184 J	0.161 J	0.17 J	0.331	0.34 U	0.152 J	0.156 J
TRICHLOROFLUOROMETHANE	1.63	1.66	1.66	1.69	1.56	1.54	1.34	1.5
VINYL ACETATE	0.11 U	0.138 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U

NA-Not Available
J-Estimated value
U-Not detected at that level

TABLE 3.10-4

DATA SUMMARY COMPARING ASG CONCENTRATIONS TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

STUDY AREA	TOTAL ACTIVE SOIL GAS SAMPLES	COMPARISON TO 95TH%ILE REGIONAL AA CONCENTRATION			
		ALL CONTAMINANTS < 95TH%ILE AA	ATTENUATED CONCENTRATIONS < 95TH%ILE AA	ONLY ATTENUATED THM > 95TH%ILE AA	ALL ATTENUATED CONCENTRATIONS (EXCEPT THM) < 2X 95TH%ILE AA
1	26	5	17	5	1
2	8	1	6	1	0
3	10	0	5	1	2
4	11	2	8	0	2
5	32	5	23	4	3
6	28	3	16	2	3
7	25	0	16	4	2
8	29	2	15	1	6
9	8	0	5	1	1
TOTAL	177	18	111	19	20

Values reflect number of samples.
THM - Trihalomethanes
95th%ile AA - 95th Percentile Regional Ambient Air Concentration

TABLE 3.10-5

STUDY AREA 01
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
0010	1	ETHYLBENZENE		9.75	1.66		YES	NO
		PCE		8.95	4.65		YES	NO
0021	1	1,2-DIBROMOETHANE		0.168 J	0.51		NO	NO
0024	1	NO CONTAMINANTS		NA	NA		NO	NO
0082	1	ACROLEIN		0.462 J	1.02		NO	NO
		HEXACHLOROBUTADIENE		1.37	1.98		NO	NO
0085	1	ACROLEIN		1.38	1.02		YES	NO
		ETHYLBENZENE		11.3	1.66		YES	NO
		PCE		4.63	4.65		NO	NO
0167	1	1,2-DICHLOROPROPANE		2.96	0.84		YES	NO
		ACROLEIN		2.23	1.02		YES	NO
		PCE		12.2	4.65		YES	NO
0171	1	HEXACHLOROBUTADIENE	2.14	2.1	1.98	NO	YES	NO
0180	1	PCE		64.6	4.65		YES	YES
		TCE		24.2	0.36		YES	YES
0185	1	CHLOROFORM	0.11 U	32.7	0.58	YES	YES	YES
		PCE	1.45 U	15.4	4.65	YES	YES	NO
0588	1	BENZENE		3.66	2.33		YES	NO
0589	1	ACROLEIN		1.4	1.02		YES	NO
		ETHYLBENZENE		12.8	1.66		YES	NO
		HEXACHLOROBUTADIENE		1.43	1.98		NO	NO
0598	1	BROMODICHLOROMETHANE		37.1	0.83		YES	YES
		BROMOFORM		145	0.27		YES	YES
		CHLORODIBROMOMETHANE		70.9	0.91		YES	YES
		CHLOROFORM		34.3	0.58		YES	YES
		PCE		110	4.65		YES	YES
		TCE		200	0.36		YES	YES
1227	1	NO CONTAMINANTS		NA	NA		NO	NO
1312	1	1,2-DICHLOROPROPANE		26.5	0.84		YES	YES
		ACROLEIN		1.21	1.02		YES	NO
		BROMODICHLOROMETHANE		1.93	0.83		YES	NO
		CHLOROFORM		326	0.58		YES	YES
		PCE		18.2	4.65		YES	NO
1443	1	ACROLEIN		1.79	1.02		YES	NO
		PCE		26	4.65		YES	NO
1450	1	ETHYLBENZENE		14.3	1.66		YES	NO
1456	1	ACROLEIN		3.22 J	1.02		YES	NO

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-5

STUDY AREA 01
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
		BENZENE		5.44 J	2.33		YES	NO
1459	1	ACROLEIN		1.15	1.02		YES	NO
		PCE		4.57	4.65		NO	NO
1529	1	CHLOROFORM		35.6	0.58		YES	YES
		ETHYLBENZENE		46.3	1.66		YES	YES
1811	1	ACROLEIN		0.901	1.02		NO	NO
		PCE		4.36	4.65		NO	NO
1839	1	ACROLEIN		2.8	1.02		YES	NO
		PCE		6.23	4.65		YES	NO
1867	1	1,4-DICHLOROBENZENE		31.8	0.79		YES	YES
		ACROLEIN		0.596 J	1.02		NO	NO
		BENZENE		8.46	2.33		YES	YES
		PCE		9.69	4.65		YES	NO
1928	1	ACROLEIN		1.07	1.02		YES	NO
		CHLOROFORM		3.15	0.58		YES	NO
		PCE		5.54	4.65		YES	YES
2090	1	CHLOROFORM		11.9	0.58		YES	YES
2103	1	CHLOROFORM		1.58	0.58		YES	NO
		HEXACHLOROBUTADIENE		1.48	1.98		NO	NO
2139	1	METHYL-T-BUTYL ETHER		227	2.69		YES	YES

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-6

STUDY AREA 02
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
1334	2	1,2-DICHLOROPROPANE		4.29	0.84		YES	NO
		ACROLEIN		0.974	1.02		NO	NO
		BENZENE		5.56	2.33		YES	NO
		PCE		15.1	4.65		YES	NO
1384	2	PCE		6.22	4.65		YES	NO
1389	2	CHLOROFORM		1.23	0.58		YES	NO
		PCE		8.62	4.65		YES	NO
1785	2	1,1,1,2-TETRACHLOROETHANE		11.3 J	0.4		YES	YES
1788	2	PCE		7.12	4.65		YES	NO
1794	2	1,2-DICHLOROPROPANE		2.87	0.84		YES	NO
		ACROLEIN		2.14	1.02		YES	NO
		BROMODICHLOROMETHANE		0.758	0.83		NO	NO
		CHLOROFORM		25.4	0.58		YES	YES
		PCE		10	4.65		YES	NO
1817	2	ACROLEIN		1.08	1.02		YES	NO
		CHLOROFORM		1.39	0.58		YES	NO
		PCE		15.3	4.65		YES	NO
2110	2	HEXACHLOROBUTADIENE		1.31	1.98		NO	NO

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-7

STUDY AREA 03
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
0479	3	1,2-DICHLOROPROPANE		2.54	0.84		YES	YES
		ACROLEIN		1.35	1.02		YES	NO
		ETHYLBENZENE		60.4	1.66		YES	YES
		PCE		4.87	4.65		YES	NO
1989	3	CHLOROFORM		1.87	0.58		YES	NO
		ETHYLBENZENE		28.5	1.66		YES	YES
		HEXACHLOROBUTADIENE		1.58	1.98		NO	NO
		PCE		20.2	4.65		YES	NO
2044	3	ACROLEIN		0.851 J	1.02		NO	NO
		BENZENE		18.8	2.33		YES	NO
		PCE		7.49	4.65		YES	NO
2045	3	1,2-DICHLOROPROPANE		2.84	0.84		YES	NO
		BENZENE		6.32	2.33		YES	NO
2079	3	BENZENE		15.2	2.33		YES	NO
2106	3	ACROLEIN		0.7 J	1.02		NO	NO
		HEXACHLOROBUTADIENE		1.4	1.98		NO	NO
		PCE		4.67	4.65		YES	NO
2108	3	1,2-DICHLOROPROPANE		11.8	0.84		YES	YES
		ACROLEIN		0.788	1.02		NO	NO
		HEXACHLOROBUTADIENE		1.37	1.98		NO	NO
2111	3	CHLOROFORM		1.27	0.58		YES	NO
2112	3	ACRYLONITRILE		0.699	0.25		YES	NO
		BENZENE		9.19	2.33		YES	NO
		CHLOROFORM		1.84	0.58		YES	NO
		PCE		157	4.65		YES	YES
2140	3	BENZENE		3.42	2.33		YES	NO
		CHLOROFORM		43.1	0.58		YES	YES
		ETHYLBENZENE		26.8	1.66		YES	YES
		PCE		19.5	4.65		YES	NO

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-8

STUDY AREA 04
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
0114	4	1,2-DICHLOROPROPANE		4.25	0.84		YES	NO
		ACROLEIN		2.13	1.02		YES	NO
		PCE		17.5	4.65		YES	NO
0771	4	ACROLEIN		0.844 J	1.02		NO	NO
		BENZENE		5.26	2.33		YES	NO
		PCE		15.1	4.65		YES	NO
1562	4	BENZENE		345	2.33		YES	YES
		ETHYLBENZENE		57	1.66		YES	YES
		HEXACHLOROBUTADIENE		1.17	1.98		NO	NO
		HEXANE		7690	7705		NO	NO
1569	4	1,2-DICHLOROPROPANE		3.16	0.84		YES	NO
		PCE		5.47	4.65		YES	NO
1576	4	NO CONTAMINANTS		NA	NA		NO	NO
1872	4	ACROLEIN		0.619 J	1.02		NO	NO
2060	4	ACROLEIN		1.53 J	1.02		YES	NO
		PCE		5.18 J	4.65		YES	NO
2071	4	PCE		9.41	4.65		YES	NO
2073	4	ACROLEIN		5.56	1.02		YES	NO
		PCE		4.26	4.65		NO	NO
2093	4	HEXACHLOROBUTADIENE		1.63	1.98		NO	NO
		PCE		52.9	4.65		YES	YES
2152	4	CHLOROFORM		2.45	0.58		YES	NO
		ETHYLBENZENE		23.3	1.66		YES	YES
		PCE		7.21	4.65		YES	NO

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-9

STUDY AREA 05
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
0564	5	CHLOROFORM		1.2	0.58		YES	NO
		PCE		4.13 J	4.65		NO	NO
0574	5	HEXACHLOROBUTADIENE		1.11	1.98		NO	NO
0882	5	ACROLEIN		2.02	1.02		YES	NO
0894	5	CHLOROFORM		2.25	0.58		YES	NO
		HEXACHLOROBUTADIENE		1.51	1.98		NO	NO
0917	5	1,2-DICHLOROPROPANE		3.15	0.84		YES	NO
		ACROLEIN		3.51	1.02		YES	NO
		CHLOROFORM		2.45	0.58		YES	NO
		PCE		7.39	4.65		YES	NO
0923	5	CHLOROFORM		14.9	0.58		YES	YES
0975	5	CHLOROFORM		46.8	0.58		YES	YES
		HEXACHLOROBUTADIENE		1.44	1.98		NO	NO
1020	5	BENZENE		7.32	2.33		YES	NO
		CHLOROFORM		1.14	0.58		YES	NO
1119	5	1,1,1,2-TETRACHLOROETHANE		16.8	0.4		YES	YES
		ACROLEIN		2.51	1.02		YES	NO
		CHLOROFORM		1.44	0.58		YES	NO
		PCE		19.1	4.65		YES	NO
1120	5	ACROLEIN		0.508 J	1.02		NO	NO
		CHLOROFORM		1.35	0.58		YES	NO
1132	5	ACROLEIN		0.42 J	1.02		NO	NO
		HEXACHLOROBUTADIENE		1.41	1.98		NO	NO
		PCE		4.79	4.65		YES	NO
1148	5	BROMODICHLOROMETHANE		4.4	0.83		YES	NO
		CHLOROFORM		3.01	0.58		YES	NO
		ETHYLBENZENE		20.1	1.66		YES	YES
1151	5	1,2-DICHLOROPROPANE		4.25	0.84		YES	NO
		ACROLEIN		5.77	1.02		YES	NO
		CHLOROFORM		6.23	0.58		YES	YES
		HEXACHLOROBUTADIENE		3.17	1.98		YES	NO
		PCE		75.9	4.65		YES	YES
1157	5	PCE		41.6	4.65		YES	NO
1182	5	NO CONTAMINANTS		NA	NA		NO	NO
1315	5	CHLOROFORM		1.36	0.58		YES	NO
1694	5	ACROLEIN		5.38	1.02		YES	NO
		BENZENE		3.78	2.33		YES	NO

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-9

STUDY AREA 05
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
		PCE		4.87	4.65		YES	NO
1699	5	PCE		8.49	4.65		YES	NO
1751	5	1,2-DIBROMOETHANE	0.282	0.369	0.51	YES	NO	NO
		ACROLEIN	0.691 J	0.495 J	1.02	NO	NO	NO
		CHLOROFORM	0.286	3.22	0.58	YES	YES	NO
		PCE	1.45 U	170	4.65	YES	YES	NO
1756	5	ACROLEIN	0.658 J	1.2	1.02	YES	YES	NO
		PCE	1.45 U	288	4.65	YES	YES	YES
1766	5	ACROLEIN		2.45	1.02		YES	NO
1771	5	BENZENE	0.349	13.9	2.33	YES	YES	NO
		CHLOROFORM	0.198 J	1.35	0.58	YES	YES	NO
		PCE	1.45 U	34.1	4.65	YES	YES	NO
1813	5	HEXACHLOROBUTADIENE		1.34	1.98		NO	NO
1842	5	ACROLEIN		5.32	1.02		YES	NO
		PCE		47.3	4.65		YES	YES
1843	5	ACROLEIN		2.21	1.02		YES	NO
		BROMODICHLOROMETHANE		22	0.83		YES	YES
		CHLOROFORM		302	0.58		YES	YES
1849	5	ACROLEIN		0.881	1.02		NO	NO
		CHLOROFORM		1.43	0.58		YES	NO
		PCE		8.03	4.65		YES	NO
1945	5	1,2-DIBROMO-3-CHLOROPROPANE	0.308	0.296	0.31	NO	NO	NO
		ACROLEIN	0.435 J	0.511 J	1.02	YES	NO	NO
		HEXACHLOROBUTADIENE	2.06	1.99	1.98	NO	YES	NO
1969	5	NO CONTAMINANTS	NA	NA	NA		NO	NO
2016	5	CHLOROFORM		2.31	0.58		YES	NO
2021	5	ACROLEIN		2.32	1.02		YES	NO
2049	5	ACROLEIN		0.568	1.02		NO	NO
2051	5	1,2-DICHLOROPROPANE		18.4	0.84		YES	YES
		BENZENE		4.78	2.33		YES	NO
		PCE		14.7	4.65		YES	NO

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-10

STUDY AREA 06
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
0198	6	PCE		7.83	4.65		YES	NO
0199	6	CHLOROFORM		1.23	0.58		YES	NO
		PCE		179	4.65		YES	YES
0548	6	1,2-DIBROMOETHANE	0.155	0.11 J	0.51	NO	NO	NO
		ACROLEIN	0.41 U	0.98 J	1.02	YES	NO	NO
		CARBON TETRACHLORIDE	0.668	7.835	0.78	YES	YES	NO
		CHLOROFORM	0.257	1.85	0.58	YES	YES	NO
		PCE	1.45 U	70.05	4.65	YES	YES	YES
0789	6	CHLOROFORM		1.38	0.58		YES	NO
		PCE		7.57	4.65		YES	NO
0801	6	HEXACHLOROBUTADIENE		1.57	1.98		NO	NO
0805	6	1,2-DIBROMOETHANE	0.4	0.31	0.52	NO	NO	NO
		ACROLEIN	0.45 J	0.48 J	1.02	YES	NO	NO
		ACRYLONITRILE	0.2 U	0.44	0.25	YES	YES	NO
		CHLOROFORM	0.36	1.69	0.58	YES	YES	NO
		PCE	1.45 U	1650	4.65	YES	YES	YES
0813	6	1,2-DICHLOROPROPANE		4.12	0.84		YES	NO
		ACROLEIN		2.17	1.02		YES	NO
		PCE		5.18	4.65		YES	NO
0814	6	ACROLEIN		1.07	1.02		YES	NO
		HEXACHLOROBUTADIENE		1.5	1.98		NO	NO
		PCE		400	4.65		YES	YES
0815	6	ACROLEIN	0.76 J	2.08	1.02	YES	YES	NO
		ACRYLONITRILE	0.2 U	0.61	0.25	YES	YES	NO
		BROMODICHLOROMETHANE	1.07	3.79	0.83	YES	YES	NO
		PCE	1.45 U	13.5	4.65	YES	YES	NO
0822	6	NO CONTAMINANTS		NA	NA		NO	NO
0827	6	1,1,2,2-TETRACHLOROETHANE	0.04 U	0.458	0.38	YES	YES	NO
		1,2-DIBROMOETHANE	0.12 U	0.586	0.51	YES	YES	NO
		ACROLEIN	0.41 U	1.53	1.02	YES	YES	NO
		ACRYLONITRILE	0.2 U	0.718	0.25	YES	YES	NO
		TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.414	0.085	YES	YES	NO
0831	6	BENZENE		4.38	2.33		YES	NO
		CHLOROFORM		4.44	0.58		YES	NO
		PCE		3230	4.65		YES	YES
		TCE		57.1	0.36		YES	YES
0837	6	1,2-DICHLOROPROPANE		11.4	0.84		YES	YES
		PCE		959	4.65		YES	YES
0838	6	ACROLEIN		1.24 J	1.02		YES	NO

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-10

STUDY AREA 06
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
		CHLOROFORM		2.23	0.58		YES	NO
		PCE		4.52	4.65		NO	NO
0848	6	BENZENE		11	2.33		YES	NO
		CHLOROFORM		2.48	0.58		YES	NO
		ETHYLBENZENE		10.4	1.66		YES	NO
		PCE		69.9	4.65		YES	YES
0851	6	1,2,4-TRIMETHYLBENZENE	0.49	115	1.36	YES	YES	YES
		ACROLEIN	0.41 U	0.62 J	1.02	YES	NO	NO
		ACRYLONITRILE	0.2 U	0.39 J	0.25	YES	YES	NO
		CHLOROFORM	0.18 J	2.19	0.58	YES	YES	NO
		PCE	1.45 U	7.7	4.65	YES	YES	NO
1201	6	ACROLEIN		1.2	1.02		YES	NO
		HEXACHLOROBUTADIENE		1.15	1.98		NO	NO
		PCE		12.9	4.65		YES	NO
1363	6	CHLOROFORM		13.3	0.58		YES	YES
		HEXACHLOROBUTADIENE		1.31	1.98		YES	NO
		PCE		11.6	4.65		YES	NO
1364	6	NO CONTAMINANTS		NA	NA		NO	NO
1659	6	PCE		33.3	4.65		YES	NO
1704	6	ACROLEIN		1.92	1.02		YES	NO
		PCE		13.5	4.65		YES	NO
1866	6	1,2-DICHLOROPROPANE		3.94	0.84		YES	NO
		ACROLEIN		1.41	1.02		YES	NO
		ETHYLBENZENE		17.7	1.66		YES	YES
		PCE		4.34	4.65		NO	NO
1942	6	1,2-DICHLOROPROPANE		2.84	0.84		YES	NO
		ACROLEIN		3.42	1.02		YES	NO
		ACRYLONITRILE		1.5	0.25		YES	NO
		BENZENE		22.4	2.33		YES	NO
		ETHYLBENZENE		13.8	1.66		YES	NO
		HEXACHLOROBUTADIENE		1.29	1.98		NO	NO
		PCE		7.33	4.65		YES	NO
2017	6	CHLOROFORM		2.2	0.58		YES	NO
2055	6	1,2-DICHLOROPROPANE		2.89 J	0.84		YES	NO
		PCE		4.88	4.65		YES	NO
2080	6	ACROLEIN		0.682 J	1.02		NO	NO
		PCE		16.6	4.65		YES	NO
2081	6	1,3-BUTADIENE		3.73	0.25		YES	YES
		ACROLEIN		1.85	1.02		YES	NO

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-10

STUDY AREA 06
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
		ACRYLONITRILE		1.04	0.25		YES	NO
		BENZENE		56.5	2.33		YES	YES
		ETHYLBENZENE		23.2	1.66		YES	YES
		PCE		17.3	4.65		YES	NO
2082	6	ACROLEIN		1.06	1.02		YES	NO
		CHLOROFORM		16.2	0.58		YES	YES
		PCE		27.6	4.65		YES	NO

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-11

STUDY AREA 07
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
0104	7	ACROLEIN		0.766 J	1.02		NO	NO
		CHLOROFORM		1.66	0.58		YES	NO
		PCE		4.54	4.65		NO	NO
0459	7	1,2-DICHLOROPROPANE		2.54	0.84		YES	NO
		BENZENE		4.54	2.33		YES	NO
1370	7	1,2-DICHLOROPROPANE		4.37	0.84		YES	NO
		ACRYLONITRILE		0.813	0.25		YES	NO
		CHLOROFORM		8.18	0.58		YES	YES
1633	7	1,2-DICHLOROPROPANE		6.22	0.84		YES	NO
		ACROLEIN		0.559 J	1.02		NO	NO
		PCE		19.9	4.65		YES	NO
1635	7	PCE		18	4.65		YES	NO
1749	7	1,2-DICHLOROPROPANE		8.03	0.84		YES	NO
		ACROLEIN		1.4	1.02		YES	NO
1810	7	ACROLEIN		1.93	1.02		YES	NO
		BROMODICHLOROMETHANE		3.33	0.83		YES	NO
		PCE		6.53	4.65		YES	NO
1911	7	CHLOROFORM		4.04	0.58		YES	NO
1923	7	CHLOROFORM		5.21	0.58		YES	NO
1926	7	1,1,2,2-TETRACHLOROETHANE	0.383	0.427	0.38	YES	YES	NO
		ACROLEIN	0.41 U	0.792 J	1.02	YES	NO	NO
		ETHYLBENZENE	0.582 U	47.2	1.66	YES	YES	YES
		HEXACHLOROBUTADIENE	1.83	2.34	1.98	YES	YES	NO
		PCE	1.45 U	4.51	4.65	YES	NO	NO
2023	7	1,2-DICHLOROPROPANE		4.68	0.84		YES	NO
		ACROLEIN		1.07	1.02		YES	NO
2077	7	CHLOROFORM		8.6	0.58		YES	YES
		PCE		17.5	4.65		YES	NO
2113	7	ACROLEIN		7.22	1.02		YES	NO
		CHLOROFORM		4.27	0.58		YES	NO
		PCE		7.76	4.65		YES	NO
2114	7	ACROLEIN		1.18	1.02		YES	NO
2115	7	BENZENE		10.5	2.33		YES	NO
		ETHYLBENZENE		25.5	1.66		YES	YES
2116	7	ACROLEIN		2.12	1.02		YES	NO
		BENZENE		10.5	2.33		YES	NO
		ETHYLBENZENE		15	1.66		YES	NO
		HEXACHLOROBUTADIENE		2.7	1.98		YES	NO
2117	7	ACROLEIN		1.93 J	1.02		YES	NO

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-11

STUDY AREA 07
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
2118	7	ETHYLBENZENE		37.2	1.66		YES	YES
2130	7	CHLOROFORM		36	0.58		YES	YES
2150	7	CHLOROFORM		1.34	0.58		YES	NO
		ETHYLBENZENE		10.5	1.66		YES	NO
		PCE		38.3	4.65		YES	NO
2154	7	1,3-BUTADIENE		1.4	0.25		YES	NO
		ACROLEIN		4.76	1.02		YES	NO
		ACRYLONITRILE		1.63	0.25		YES	NO
		BENZENE		21.8	2.33		YES	NO
		ETHYLBENZENE		18.3	1.66		YES	YES
2156	7	ACROLEIN		0.885	1.02		NO	NO
		PCE		5.17	4.65		YES	NO
EV50	7	ACROLEIN		2.95	1.02		YES	NO
		PCE		6.12	4.65		YES	NO
EV51	7	ACROLEIN		3.17	1.02		YES	NO
		PCE		343	4.65		YES	YES
EV52	7	ACROLEIN		1.39	1.02		YES	NO
		BROMODICHLOROMETHANE		0.897	0.83		YES	NO
		CHLOROFORM		36.4	1.58		YES	YES
		ETHYLBENZENE		45	1.66		YES	YES
		PCE		118	4.65		YES	YES

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-12

STUDY AREA 08
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
0120	8	1,2-DICHLOROPROPANE		3.03	0.84		YES	NO
		ACROLEIN		0.554 J	1.02		NO	NO
		ETHYLBENZENE		11.7	1.66		YES	NO
0227	8	ACROLEIN		1.81 J	1.02		YES	NO
		CHLOROFORM		4.14 J	0.58		YES	NO
		PCE		38.4 J	4.65		YES	NO
0266	8	ACROLEIN		0.954	1.02		NO	NO
		PCE		19.1	4.65		YES	NO
0290	8	ACROLEIN		0.966	1.02		NO	NO
		PCE		6.07	4.65		YES	NO
0302	8	PCE		39.6	4.65		YES	NO
0333	8	1,1,2,2-TETRACHLOROETHANE		0.903 J	0.38		YES	NO
		BENZENE		14.4 J	2.33		YES	NO
		ETHYLBENZENE		14.4 J	1.66		YES	NO
		PCE		151 J	4.65		YES	YES
0376	8	BENZENE		6.93	2.33		YES	NO
		HEXACHLOROBUTADIENE		1.4	1.98		NO	NO
		PCE		16.8	4.65		YES	NO
0393	8	ACROLEIN		0.642 J	1.02		NO	NO
		BENZENE		8.09	2.33		YES	NO
		CHLOROFORM		5.78	0.58		YES	NO
		PCE		5.04	4.65		YES	NO
0419	8	ACROLEIN		0.434 J	1.02		NO	NO
		CHLOROFORM		2.71	0.58		YES	NO
		PCE		66	4.65		YES	YES
0460	8	ACROLEIN		2.66	1.02		YES	NO
		BENZENE		3.77	2.33		YES	NO
		PCE		72	4.65		YES	YES
0488	8	BENZENE	0.82	16.4	2.33	YES	YES	NO
		CHLOROFORM	0.11 U	2.05	0.58	YES	YES	NO
		HEXACHLOROBUTADIENE	1.86	2.39	1.98	YES	YES	NO
502	8	1,2-DICHLOROPROPANE		11.5	0.84		YES	YES
		ACROLEIN		0.807 J	1.02		NO	NO
512	8	ACROLEIN	0.54 J	2.59	1.02	YES	YES	NO
		BENZENE	0.564	3.46	2.33	YES	YES	NO
		ETHYLBENZENE	0.488	111	1.66	YES	YES	YES
		PCE	1.71 J	17.9	4.65	YES	YES	NO
525	8	BENZENE		451 J	2.33		YES	YES
		ETHYLBENZENE		58.2 J	1.66		YES	YES

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-12

STUDY AREA 08
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
		HEXANE		8870 J	7705		YES	NO
		PCE		5.84 J	4.65		YES	NO
1742	8	1,2-DICHLOROPROPANE		3	0.84		YES	NO
		ACROLEIN		3.37	1.02		YES	NO
		BENZENE		3.46	2.33		YES	NO
		ETHYLBENZENE		25.6	1.66		YES	YES
		PCE		5.53	4.65		YES	NO
1827	8	ACROLEIN		0.537 J	1.02		NO	NO
		PCE		12.1 J	4.65		YES	NO
1835	8	ACROLEIN		0.862 J	1.02		NO	NO
		BENZENE		4.44	2.33		YES	NO
		BROMODICHLOROMETHANE		8.97	0.83		YES	YES
		CHLOROFORM		37.8	0.58		YES	YES
		ETHYLBENZENE		11.7	1.66		YES	NO
		PCE		187	4.65		YES	YES
1846	8	ACROLEIN		0.418	1.02		NO	NO
		PCE		57 J	4.65		YES	YES
1847	8	1,2-DICHLOROPROPANE		15.2	0.84		YES	YES
		1,3-BUTADIENE		1.05	0.25		YES	NO
		ACROLEIN		2.37	1.02		YES	NO
		ETHYLBENZENE		21.4	1.66		YES	YES
		PCE		255	4.65		YES	YES
1857	8	PCE		41	4.65		YES	NO
1859	8	NO CONTAMINANTS		NA	NA		NO	NO
1865	8	ACROLEIN		1.17	1.02		YES	NO
		BENZENE		4.29	2.33		YES	NO
		PCE		5.77J	4.65		YES	NO
1874	8	ACROLEIN		0.862 J	1.02		NO	NO
		CHLOROFORM		1.56	0.58		YES	NO
		PCE		8.26	4.65		YES	NO
1897	8	BENZENE		24.1	2.33		YES	YES
		CHLOROFORM		1.9	0.58		YES	NO
		ETHYLBENZENE		13.1	1.66		YES	NO
		PCE		5.21 J	4.65		YES	NO
1899	8	1,2-DICHLOROPROPANE		10.4	0.84		YES	YES
		1,3-BUTADIENE		0.94 J	0.25		YES	NO
		ACROLEIN		1	1.02		NO	NO
		ACRYLONITRILE		0.626	0.25		YES	NO
		BENZENE		13.8	2.33		YES	NO

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-12

STUDY AREA 08
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
		ETHYLBENZENE		20	1.66		YES	YES
2018	8	1,2-DICHLOROPROPANE		16.1	0.84		YES	YES
		ACROLEIN		0.818 J	1.02		NO	NO
		PCE		8.86 J	4.65		YES	NO
2032	8	NO CONTAMINANTS		NA	NA		NO	NO
2074	8	1,3-BUTADIENE		1.3	0.25		YES	NO
		ACROLEIN		1.05	1.02		YES	NO
		PCE		26.9 J	4.65		YES	NO
2075	8	ACROLEIN		1.56 J	1.02		YES	NO
		CHLOROFORM		4.02J	0.58		YES	NO
		PCE		93.8 J	4.65		YES	YES

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-13

STUDY AREA 09
COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMEMTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES
NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
0551	9	1,2-DICHLOROPROPANE		18.3	0.84		YES	YES
		ACROLEIN		1.74	1.02		YES	NO
		PCE		4.27	4.65		NO	NO
0552	9	1,2-DICHLOROPROPANE		3.24 J	0.84		YES	NO
		ACROLEIN		0.988 J	1.02		NO	NO
		CHLOROFORM		5.56 J	0.58		YES	NO
2003	9	ACROLEIN		1.34	1.02		YES	NO
		PCE		6.15	4.65		YES	NO
2040	9	1,2-DICHLOROPROPANE		3.23	0.84		YES	NO
		PCE		5.53 J	4.65		YES	NO
2078	9	1,2-DICHLOROPROPANE		5.69 J	0.84		YES	NO
		ACROLEIN		1.95 J	1.02		YES	NO
		BENZENE		6.74 J	2.33		YES	NO
		CHLOROFORM		1.41 J	0.58		YES	NO
		PCE		7.29J	4.65		YES	NO
2102	9	BENZENE		5.15	2.33		YES	NO
		CHLOROFORM		1.37	0.58		YES	NO
		ETHYLBENZENE		30.4	1.66		YES	YES
		HEXACHLOROBUTADIENE		1.67	1.98		NO	NO
LE50	9	ACROLEIN		1.35	1.02		YES	NO
		BENZENE		7.6	2.33		YES	NO
		CHLOROFORM		3.94	0.58		YES	NO
		PCE		23.3	4.65		YES	NO
LE51	9	1,2-DIBROMOETHANE		0.184 J	0.51		NO	NO
		CHLOROFORM		7.86	0.58		YES	YES
		PCE		145	4.65		YES	YES

AA-Residential Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air
Blanks indicate that no data were available.

TABLE 3.10-14

SUMMARY OF RSL AND MCL EXCEEDANCES FOR WATER SAMPLES ACROSS THE NINE STUDY AREAS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

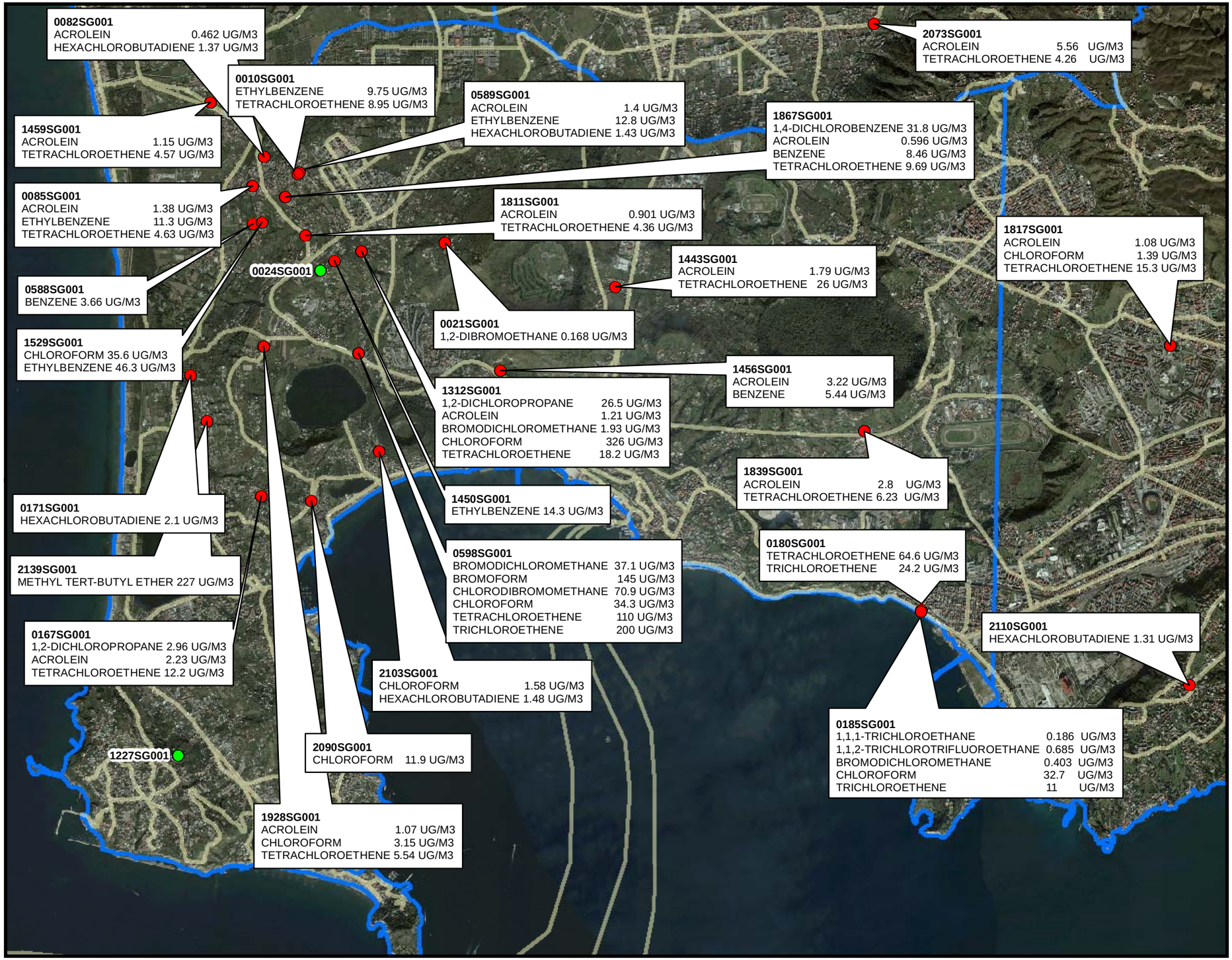
Contaminant Concentrations Greater than RSLs	Study Area 1	Study Area 2	Study Area 3	Study Area 4	Study Area 5M**	Study Area 5W***	Study Area 6M**	Study Area 6W***	Study Area 7	Study Area 8M**	Study Area 8W***	Study Area 9
TRIHALOMETHANES	•	•	•	•	•	•	•	•	•	•	•	•
PCE	•	•	•	•		•	•	•	•	•	•	
CARBON TETRACHLORIDE								•				
DIOXINS/FURANS TEQ	•	•	•	•	•	•	•		•	•		•
CARCINOGENIC PAHS		•				•						
ARSENIC	•	•	•	•	•	•	•	•	•	•	•	•
COPPER					•					•		
LEAD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL		•										
ZINC						•					•	
NITRATE												
Contaminant Concentrations Greater than MCL	Study Area 1	Study Area 2	Study Area 3	Study Area 4	Study Area 5M**	Study Area 5W***	Study Area 6M**	Study Area 6W***	Study Area 7	Study Area 8M**	Study Area 8W***	Study Area 9
TRIHALOMETHANES												
PCE						•					•	
CARBON TETRACHLORIDE												
DIOXINS/FURANS TEQ												
CARCINOGENIC PAHS												
ARSENIC	•				•	•						
COPPER					•					•		
LEAD*	•	•	•				•			•		•
NICKEL												
URANIUM						•						
TOTAL COLIFORM		•		•	•	•			•	•	•	
FECAL COLIFORM												
PLATE COUNT							•					
NITRATE							•	•	•	•	•	

Dots indicate exceedance of MCL or RSL
NA Not Applicable
* Copper and Lead have Action Levels, not MCLs
** M Municipal water supply
*** W Water Supply from well or unknown source

TABLE 3.10-15
SUMMARY OF COMPARISON OF ACTIVE SOIL GAS DATA TO REGIONAL AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Study Area	Total Active Soil Gas Properties	Compounds[1]						
		PCE	Benzene	Ethylbenzene	1,2-Dichloropropane	Acrolein	Chloroform	Hexachlorobutadiene
1	26	3/13	1/3	1/5	1/2	0/12	5/7	0/4
2	8	0/6	0/1	0/0	0/2	0/3	1/3	0/1
3	10	1/6	0/5	3/3	2/3	0/4	1/4	0/3
4	11	1/8	1/2	2/2	0/2	0/5	0/1	0/2
5	32	3/14	0/4	1/1	1/3	0/16	4/16	0/7
6	28	7/23	1/4	2/4	1/5	0/15	2/11	0/5
7	25	2/12	0/4	5/7	0/5	0/15	4/9	0/2
8	29	7/23	2/12	5/9	4/6	0/20	1/8	0/2
9	8	1/6	0/3	1/1	1/4	0/5	1/5	0/1
Totals	177	25/111	5/38	20/32	10/34	0/96	19/64	0/27
Percent of all ASG Samples with Attenuated Concentrations Greater than 95th Percentile Regional Ambient Air 95th Percentile.		14.1	2.8	11.3	5.6	0	10.7	0

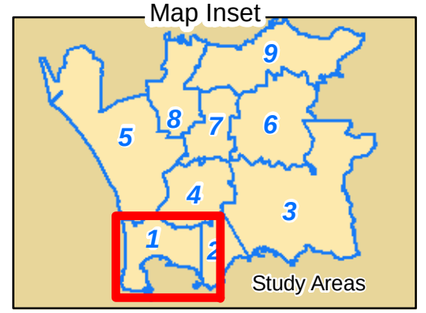
[1] Number of samples where 0.1 times active soil gas concentration is greater than the Regional Ambient Air 95th Percentile over number of samples where the active soil gas concentration is greater than the RSL.



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Figure 3.1-1
Phase II Study Area 1
Active Soil Gas Exceedances
Naples Public Health Evaluation
Naples, Italy



Legend

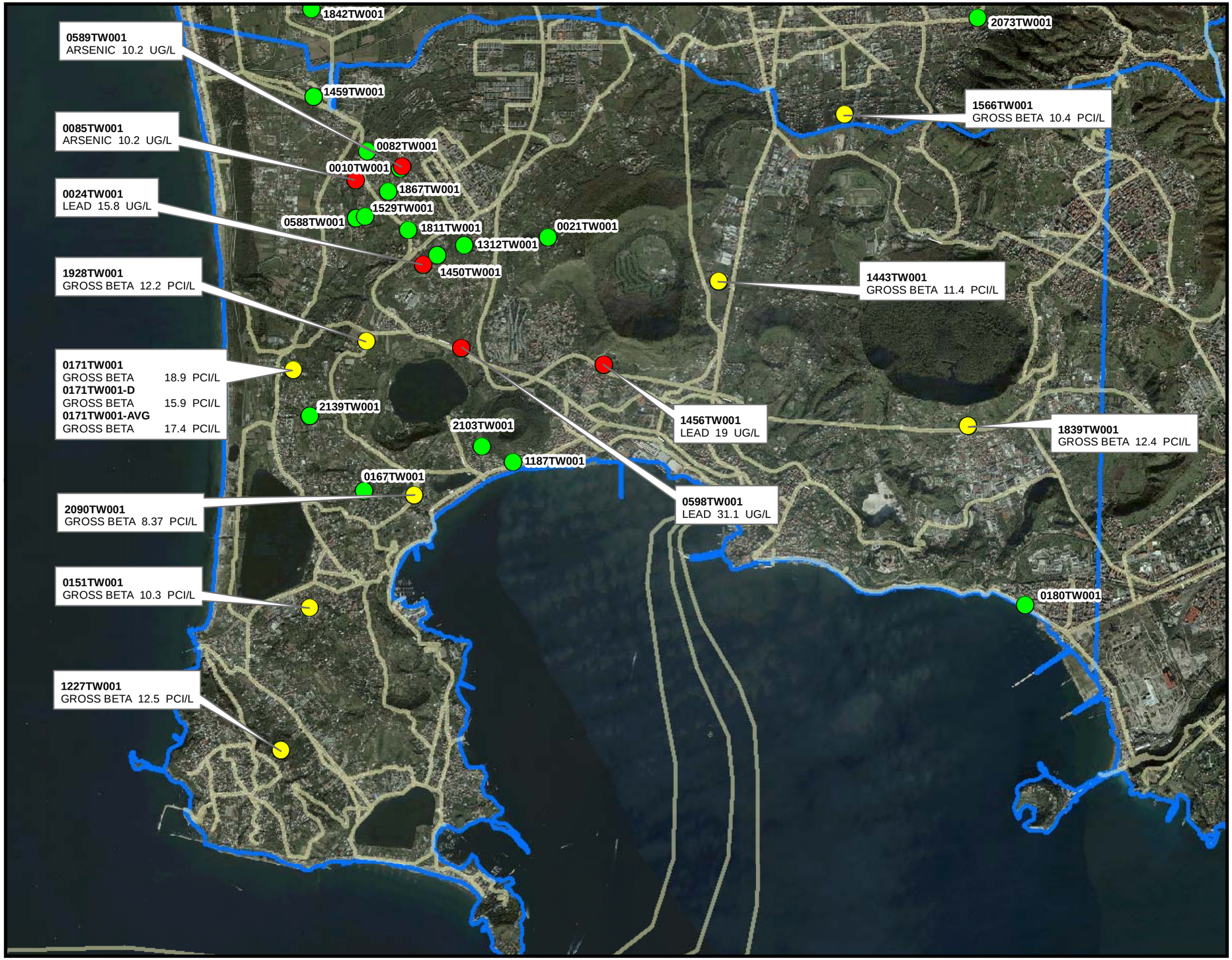
- ASG Sample Locations Exceeding Criteria
- ASG Sample Locations Not Exceeding Criteria
- Major Roads
- Study Area Boundary (1-9)

0 380 760 1,520 2,280 3,040
Meters

Drawn By: LR 12 28 09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

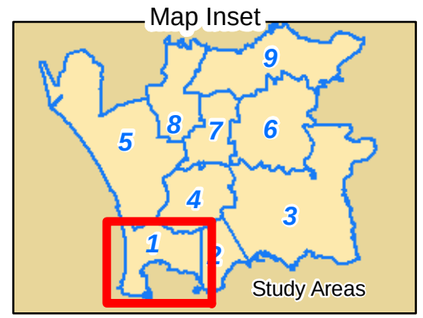
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Figure 3.1-2
Phase II Study Area 1
Tap Water Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

- Tap Water Sample Locations Exceeding Criteria
- Exceedance Only in Gross Beta Radioactivity Before Radionuclide Speciation
- Tap Water Sample Locations Not Exceeding Criteria
- Major Roads
- Study Area Boundary (1-9)

0 385 770 1,540 2,310 3,080
Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\Phase II Report 12 09\TapWater0329\Study Area 1 tap water ex 03 29.mxd)
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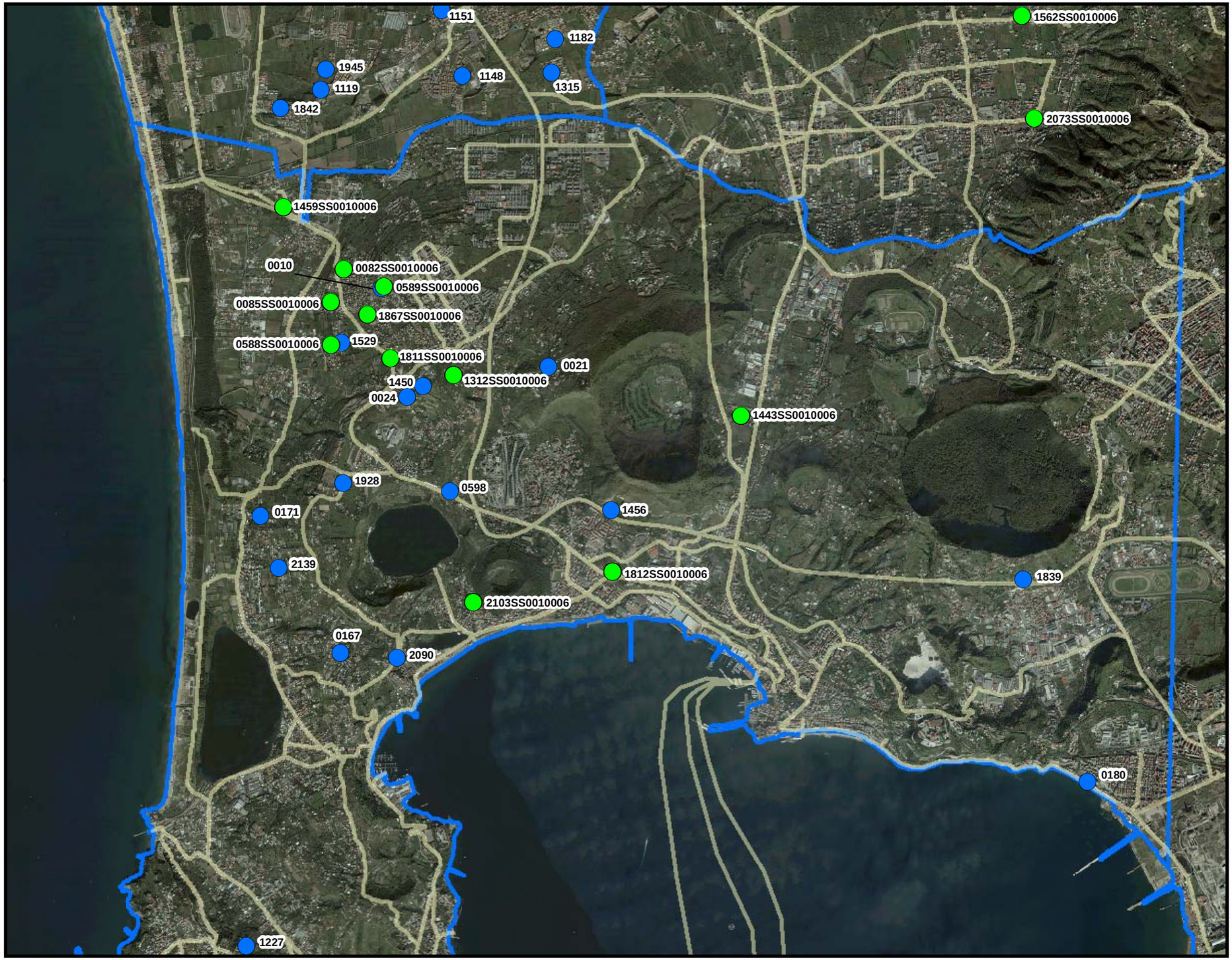
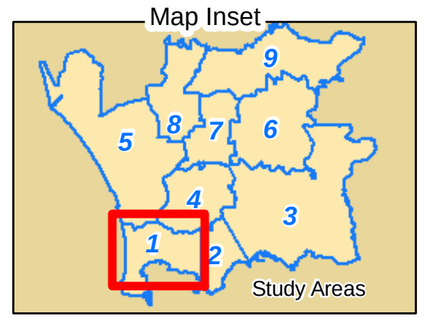


Figure 3.1-3
Phase II Study Area 1
Surface Soil Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

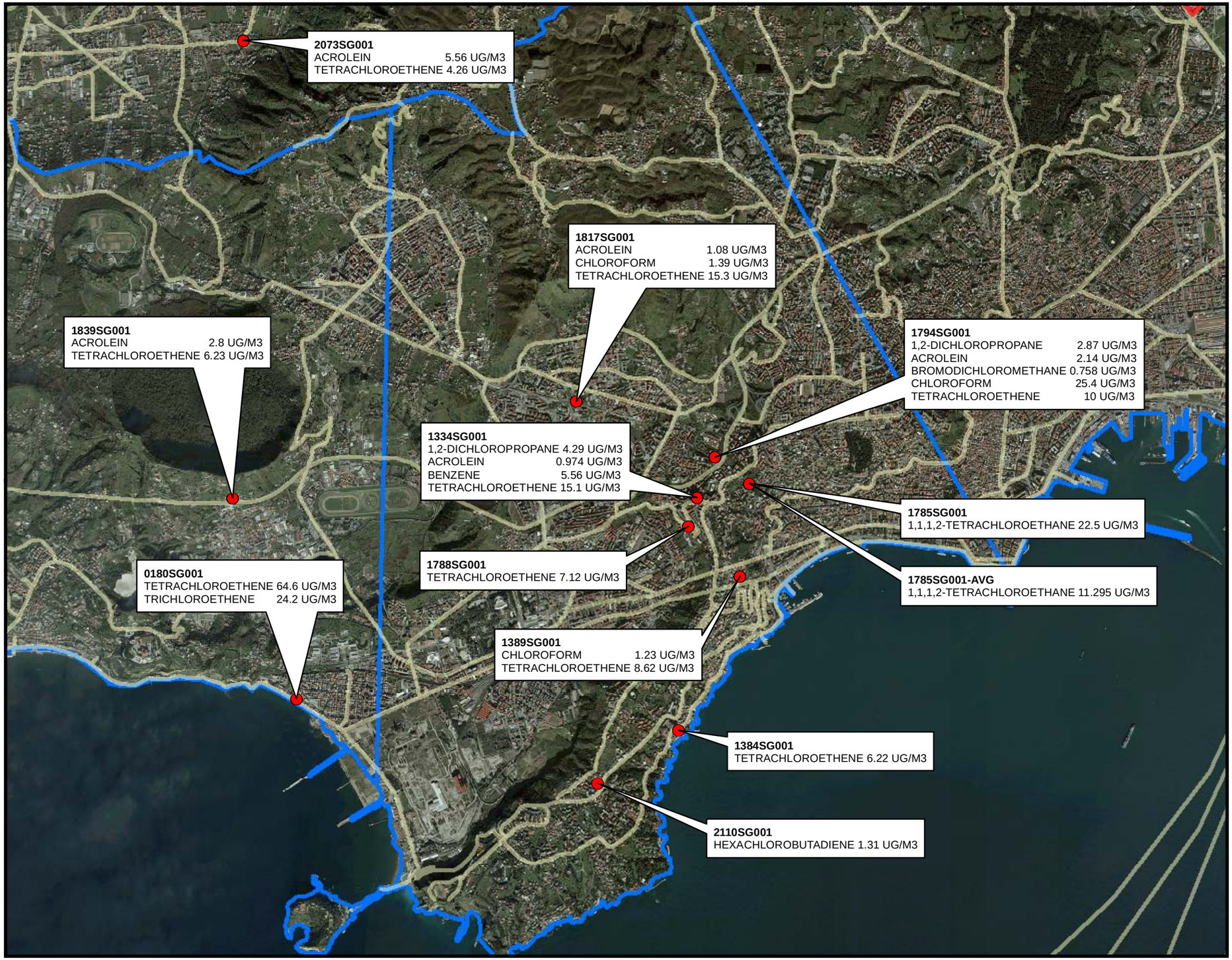
- Surface Soil Locations Exceeding Criteria
- Surface Soil Locations Not Exceeding Criteria
- Locations Where Surface Soil Was Not Sampled
- Major Roads
- Study Area Boundary (1-9)

0 350 700 1,400 2,100 2,800
Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

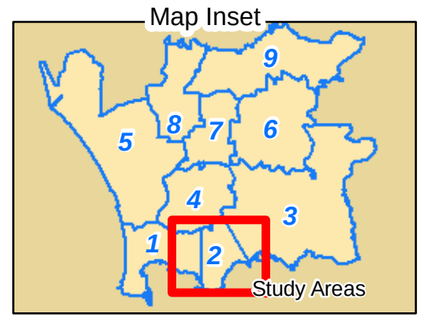
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Figure 3.2-1
Phase II Study Area 2
Active Soil Gas Exceedances
Naples Public Health Evaluation
Naples, Italy



Legend

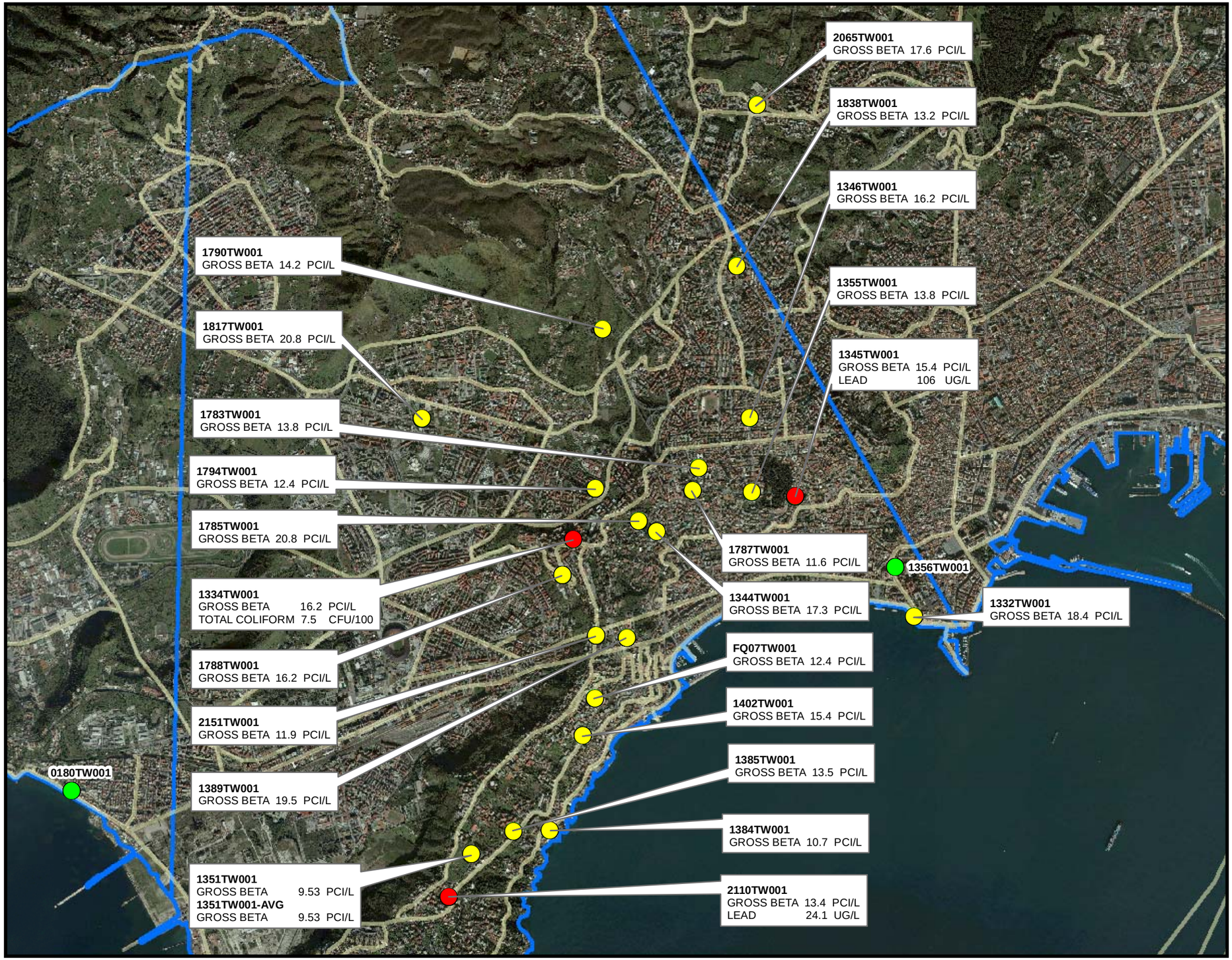
- ASG Sample Locations Exceeding Criteria
- ASG Sample Locations Not Exceeding Criteria
- Major Roads
- Study Area Boundary (1-9)

0 375 750 1,500 2,250 3,000
Meters

Drawn By: LR 12 30 09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

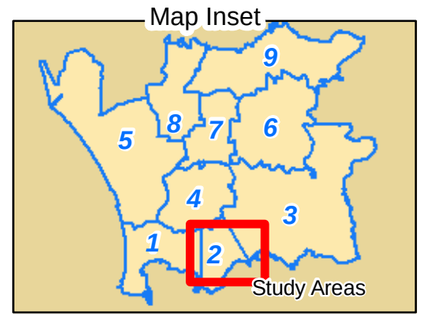
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Figure 3.2-2
Phase II Study Area 2
Tap Water Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

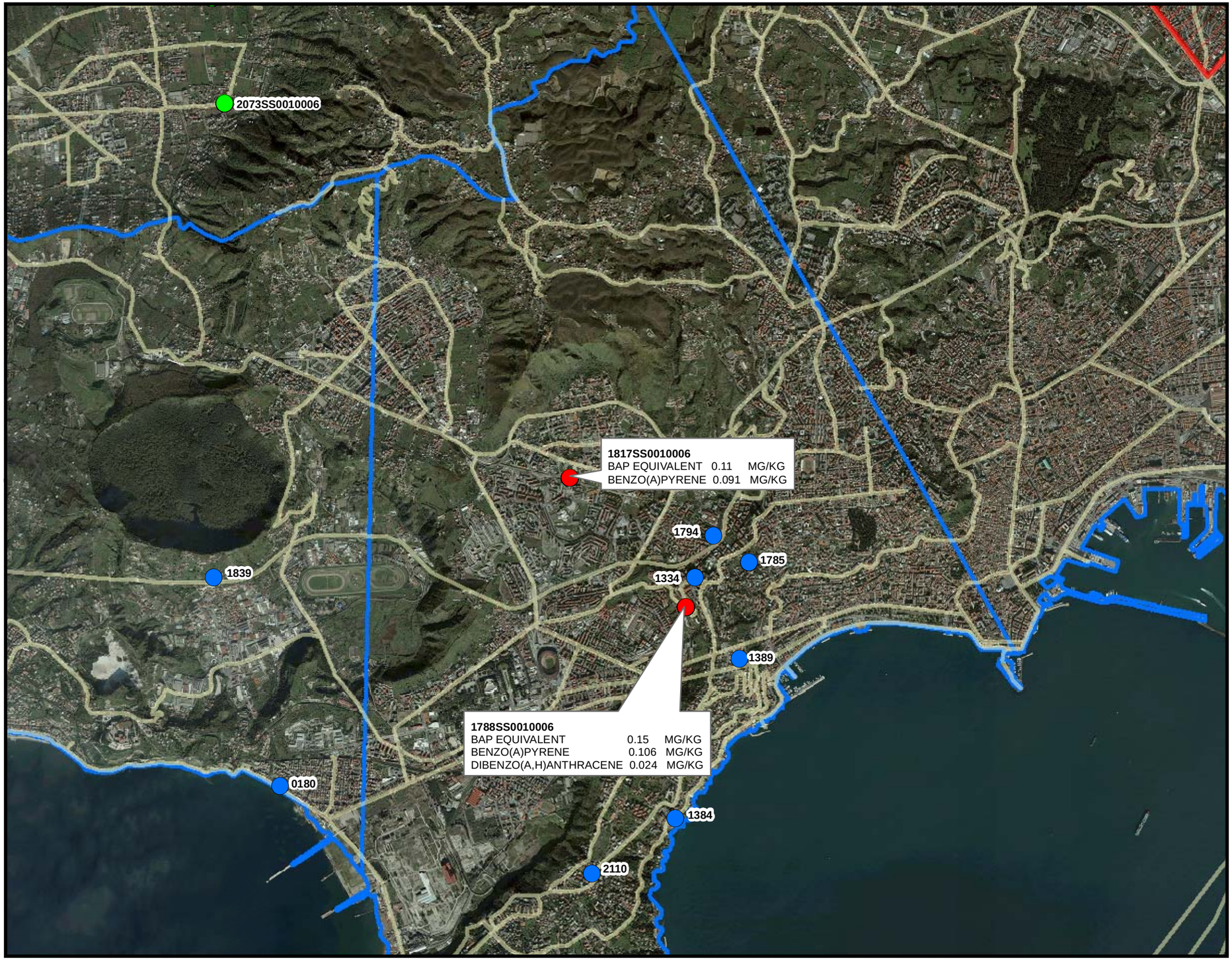
- Tap Water Sample Locations Exceeding Criteria
- Exceedance Only in Gross Beta Radioactivity Before Radionuclide Speciation
- Tap Water Sample Locations Not Exceeding Criteria
- Major Roads
- Study Area Boundary (1-9)

0 255 510 1,020 1,530 2,040
Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

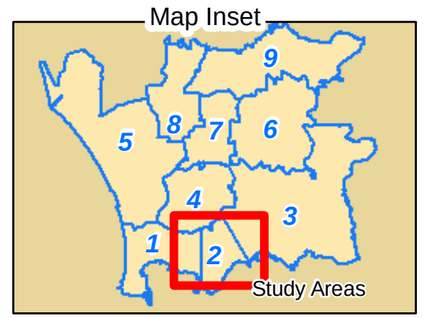
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Figure 3.2-3
Phase II Study Area 2
Surface Soil Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

- Surface Soil Locations Exceeding Criteria
- Surface Soil Locations Not Exceeding Criteria
- Locations Where Surface Soil Was Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 350 700 1,400 2,100 2,800
Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\Phase II Report 12 09\SurfaceSoil0329\Study Area 2 Surface soil ex 03 29.mxd)
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1704SG001
ACROLEIN 1.92 UG/M3
TETRACHLOROETHENE 13.5 UG/M3

2055SG001
1,2-DICHLOROPROPANE 5.67 UG/M3
TETRACHLOROETHENE 4.89 UG/M3

2055SG001-AVG
1,2-DICHLOROPROPANE 2.8575 UG/M3
TETRACHLOROETHENE 4.875 UG/M3

2055SG001-D
TETRACHLOROETHENE 4.86 UG/M3

2079SG001
BENZENE 15.2 UG/M3

2112SG001
ACRYLONITRILE 0.699 UG/M3
BENZENE 9.19 UG/M3
CHLOROFORM 1.84 UG/M3
TETRACHLOROETHENE 157 UG/M3

2044SG001
ACROLEIN 0.851 UG/M3
BENZENE 18.8 UG/M3
TETRACHLOROETHENE 7.49 UG/M3

2140SG001
BENZENE 3.42 UG/M3
CHLOROFORM 43.1 UG/M3
ETHYLBENZENE 26.8 UG/M3
TETRACHLOROETHENE 19.5 UG/M3

2106SG001
ACROLEIN 0.7 UG/M3
HEXACHLOROBUTADIENE 1.4 UG/M3
TETRACHLOROETHENE 4.67 UG/M3

2045SG001
1,2-DICHLOROPROPANE 2.84 UG/M3
BENZENE 6.32 UG/M3

2111SG001
CHLOROFORM 1.27 UG/M3

1989SG001
CHLOROFORM 1.87 UG/M3
ETHYLBENZENE 28.5 UG/M3
HEXACHLOROBUTADIENE 1.58 UG/M3
TETRACHLOROETHENE 20.2 UG/M3

2108SG001
1,2-DICHLOROPROPANE 11.8 UG/M3
ACROLEIN 0.788 UG/M3
HEXACHLOROBUTADIENE 1.37 UG/M3

0479SG001
1,2-DICHLOROPROPANE 2.54 UG/M3
ACROLEIN 1.35 UG/M3
ETHYLBENZENE 60.4 UG/M3
TETRACHLOROETHENE 4.87 UG/M3

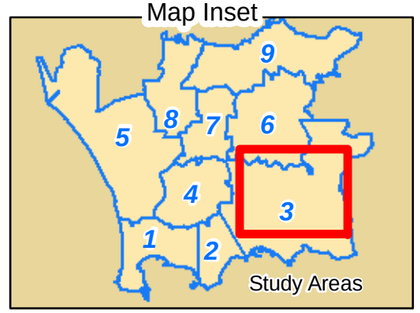
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Aceria
Capo Mazzo
Feudo
Pratola
Casalnuovo di Napoli
Pomigliano d'Arco
Tavolone
Tavernanova
Papaccio
Guadagni
Fillichito
Cavallaro-Li Dottori
Porticelli
Volla
San'Ana

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Figure 3.3-1
Phase II Study Area 3
Active Soil Gas Exceedances
Naples Public Health Evaluation
Naples, Italy

Map Inset



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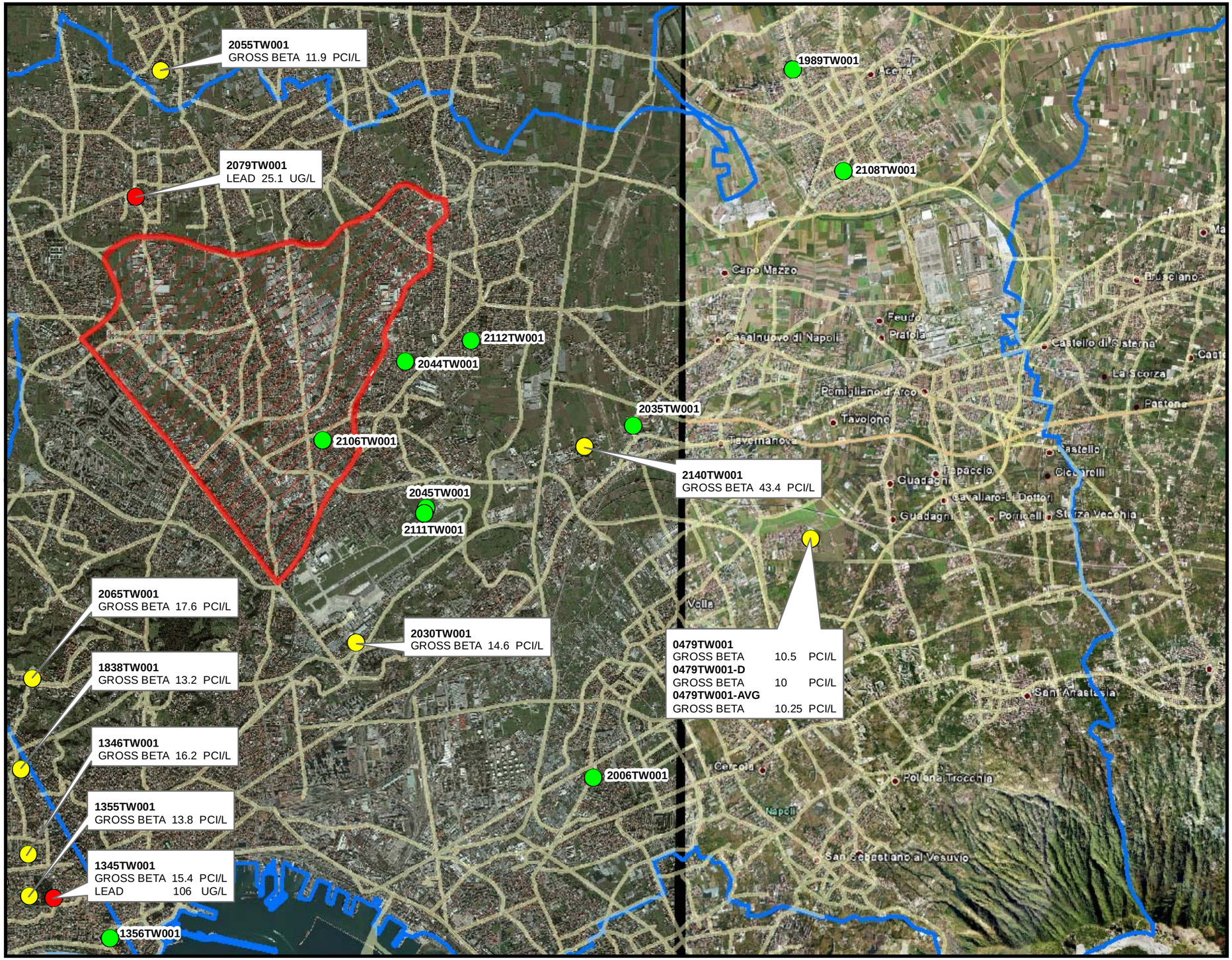
- ASG Sample Locations Exceeding Criteria
- ASG Sample Locations Not Exceeding Criteria
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 375 750 1,500 2,250 3,000
Meters

Drawn By: LR 12 28 09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

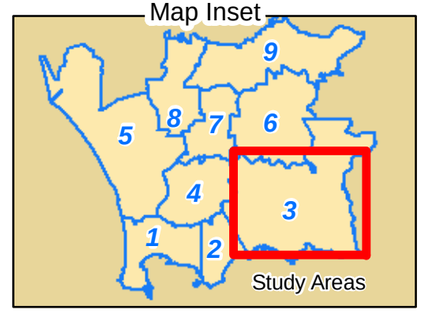
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Figure 3.3-2
Phase II Study Area 3
Tap Water Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

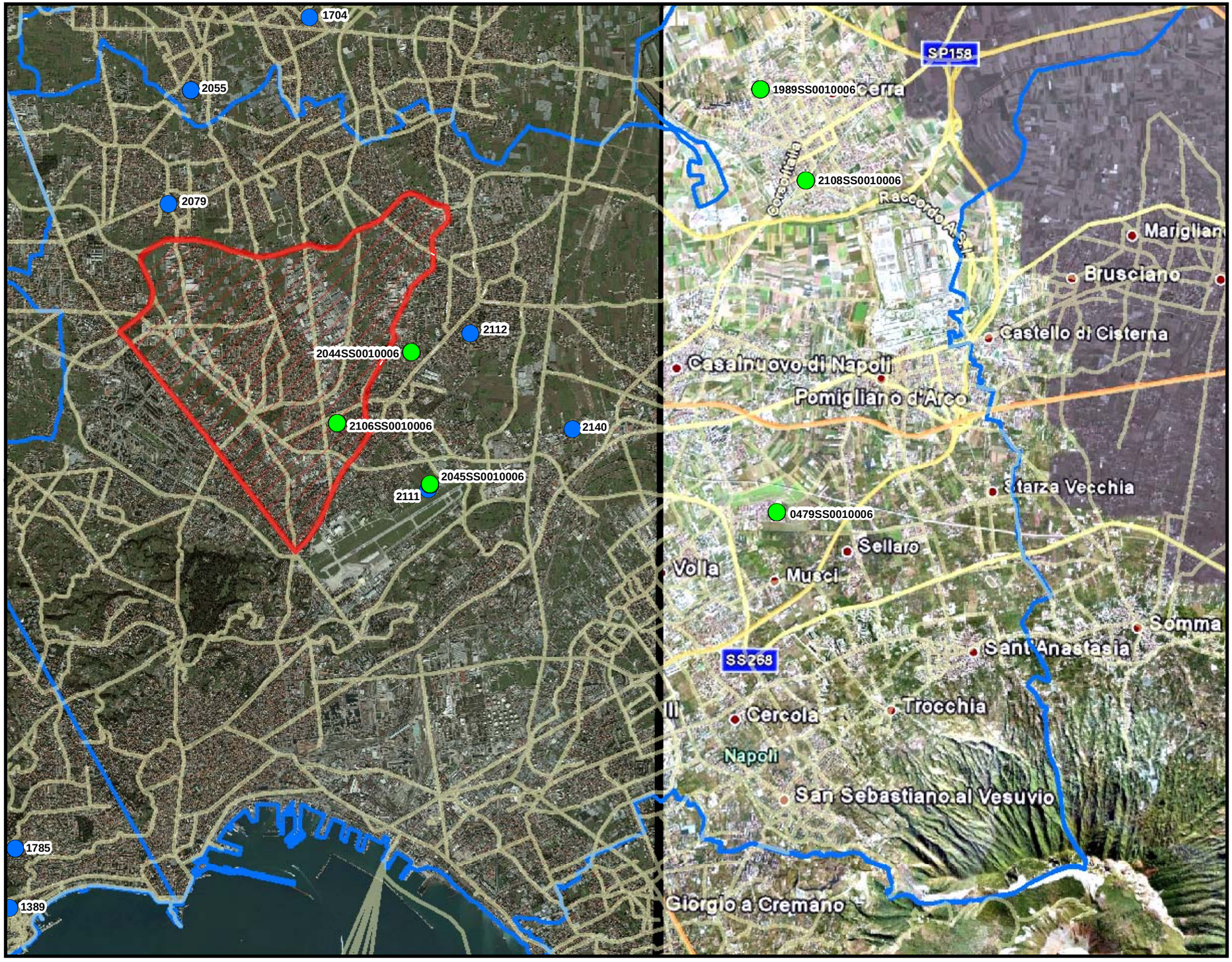
- Tap Water Sample Locations Exceeding Criteria
- Exceedance Only in Gross Beta Radioactivity Before Radionuclide Speciation
- Tap Water Sample Locations Not Exceeding Criteria
- Major Roads
- New Lease Suspension Zones
- Study Area Boundary (1-9)

0 455 910 1,820 2,730 3,640
Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

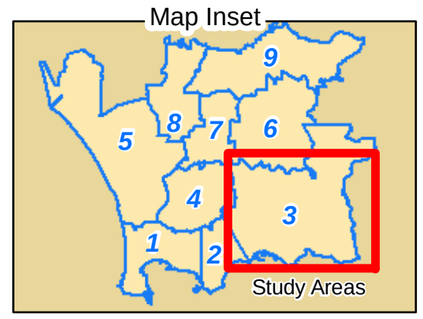
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Figure 3.3-3
Phase II Study Area 3
Surface Soil Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

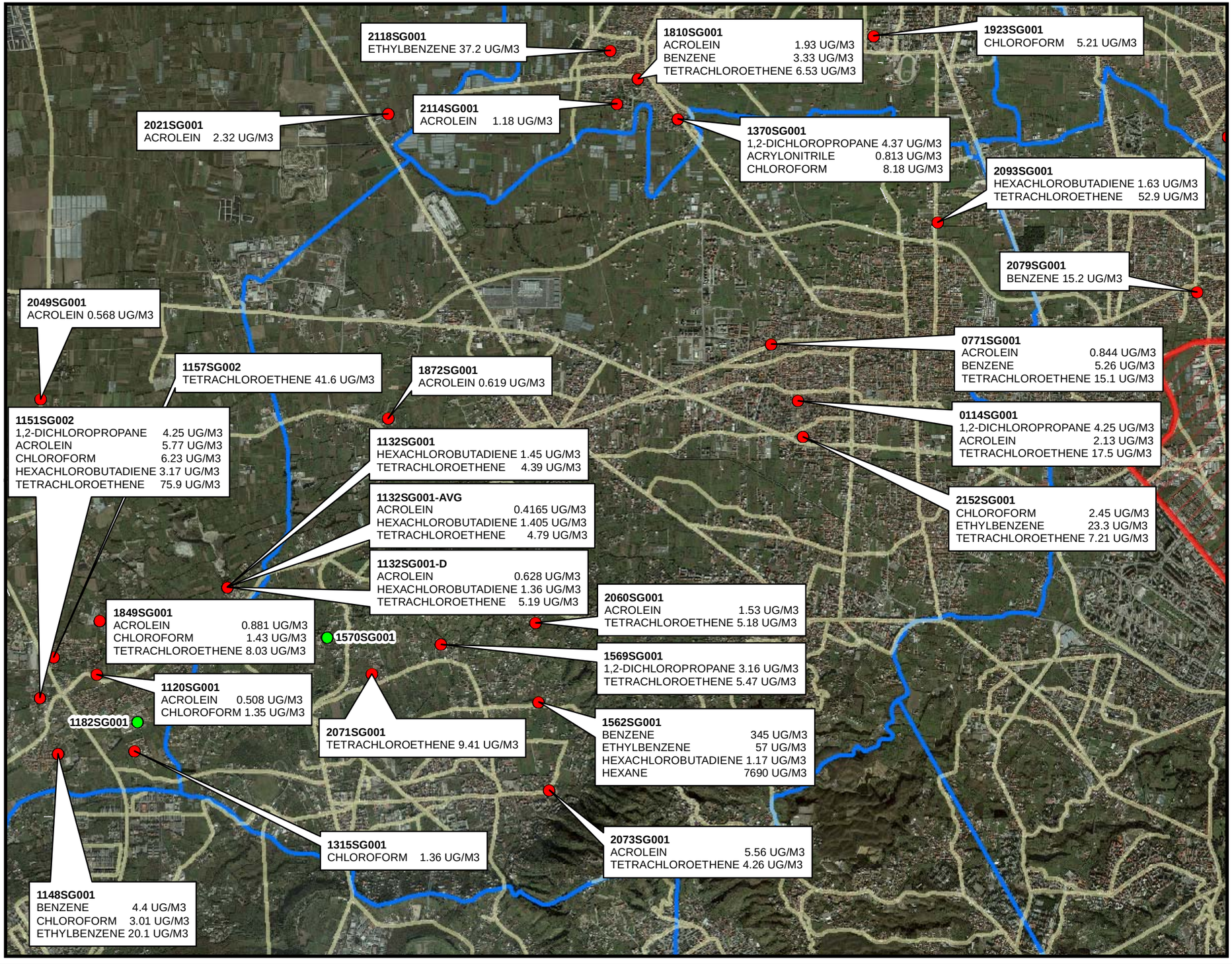
- Surface Soil Locations Exceeding Criteria
- Surface Soil Locations Not Exceeding Criteria
- Locations Where Surface Soil Was Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 500 1,000 2,000 3,000 4,000 Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

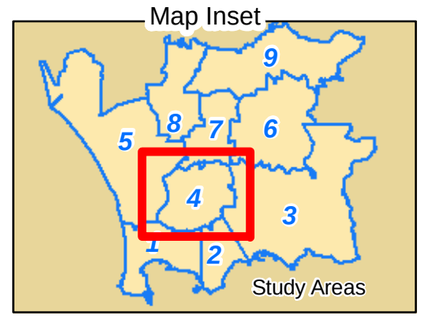
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Figure 3.4-1
Phase II Study Area 4
Active Soil Gas Exceedances
Naples Public Health Evaluation
Naples, Italy



Legend

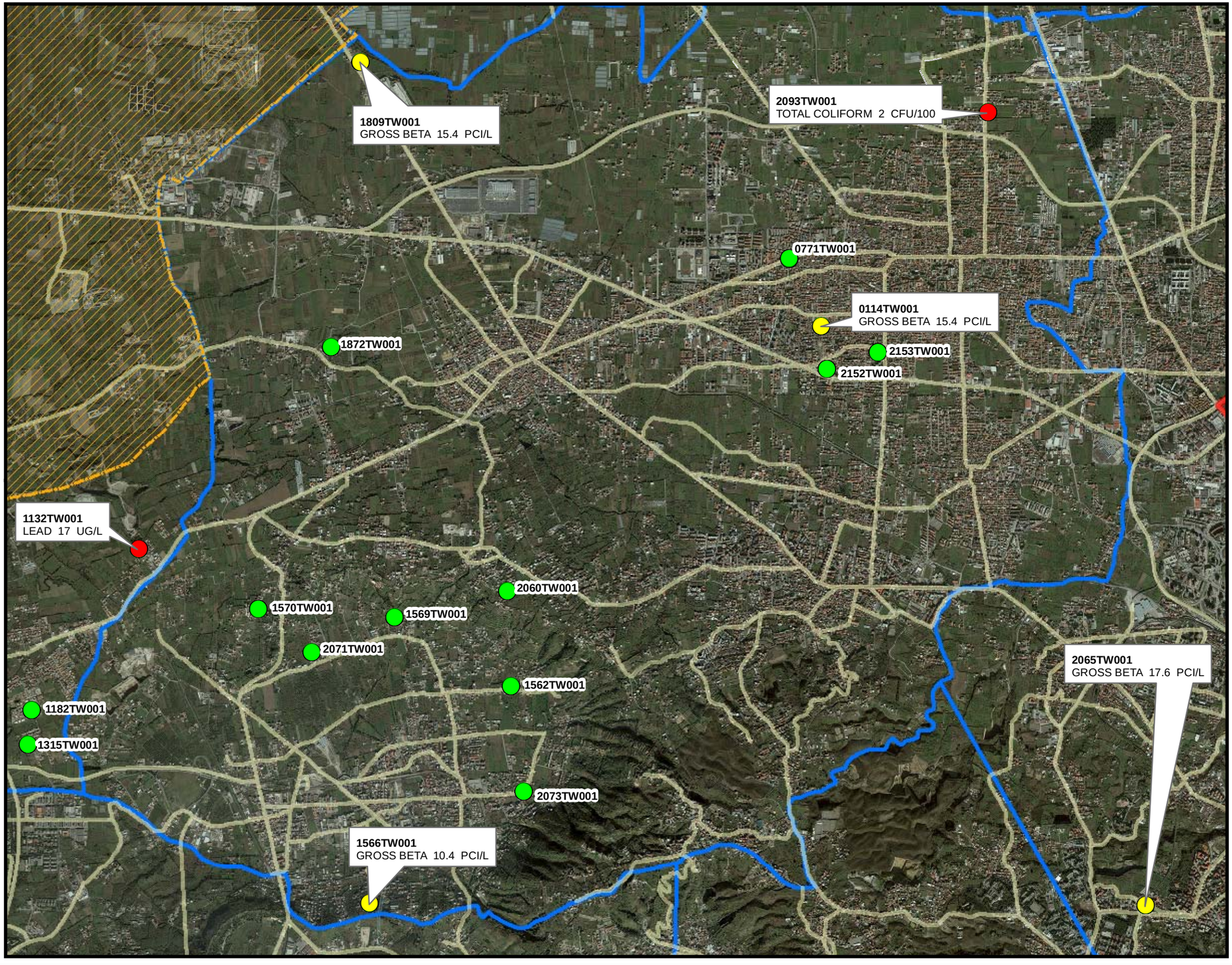
- ASG Sample Locations Exceeding Criteria
- ASG Sample Locations Not Exceeding Criteria
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 395 790 1,580 2,370 3,160
Meters

Drawn By: LR 12 28 09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

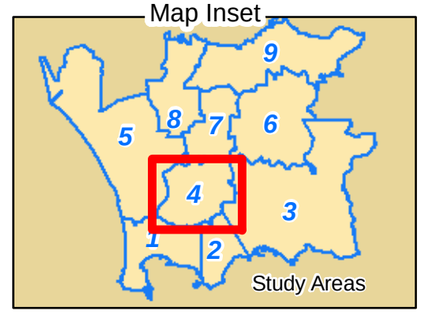
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Figure 3.4-2
Phase II Study Area 4
Tap Water Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

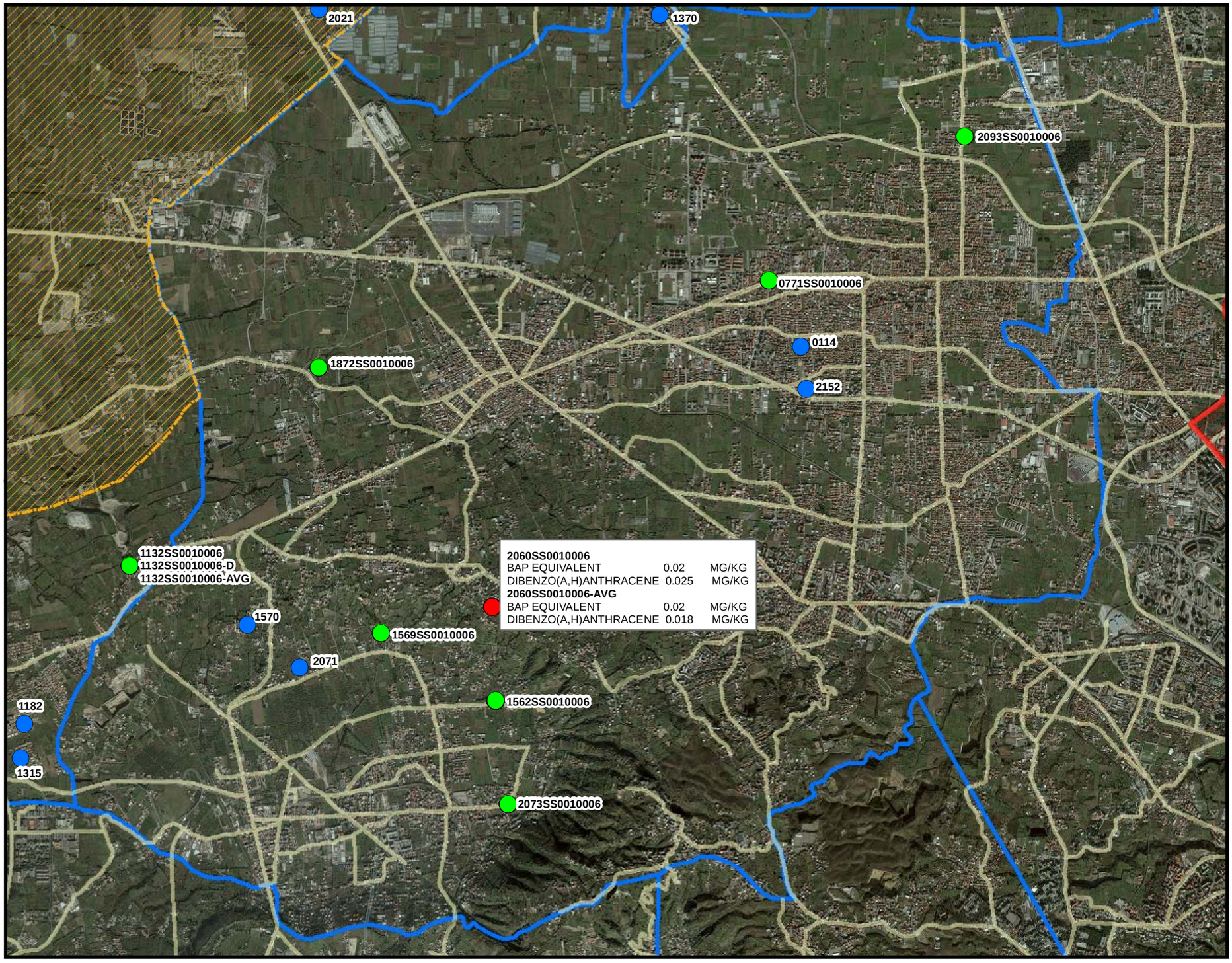
- Tap Water Sample Locations Exceeding Criteria
- Exceedance Only in Gross Beta Radioactivity Before Radionuclide Speciation
- Tap Water Sample Locations Not Exceeding Criteria
- Lago Patria Area
- Major Roads
- Study Area Boundary (1-9)

0 350 700 1,400 2,100 2,800
Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

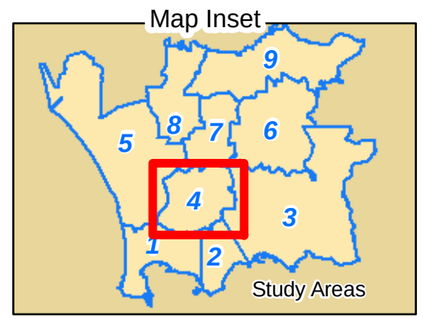
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Figure 3.4-3
Phase II Study Area 4
Surface Soil Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

- Surface Soil Locations Exceeding Criteria
- Surface Soil Locations Not Exceeding Criteria
- Locations Where Surface Soil Was Not Sampled
- New Lease Suspension Zones
- Lago Patria Area
- Major Roads
- Study Area Boundary (1-9)

0 350 700 1,400 2,100 2,800 Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

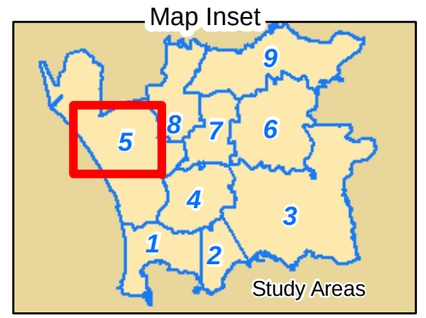
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Figure 3.5-1
Phase II Study Area 5 North
Active Soil Gas Exceedances
Naples Public Health Evaluation
Naples, Italy



Legend

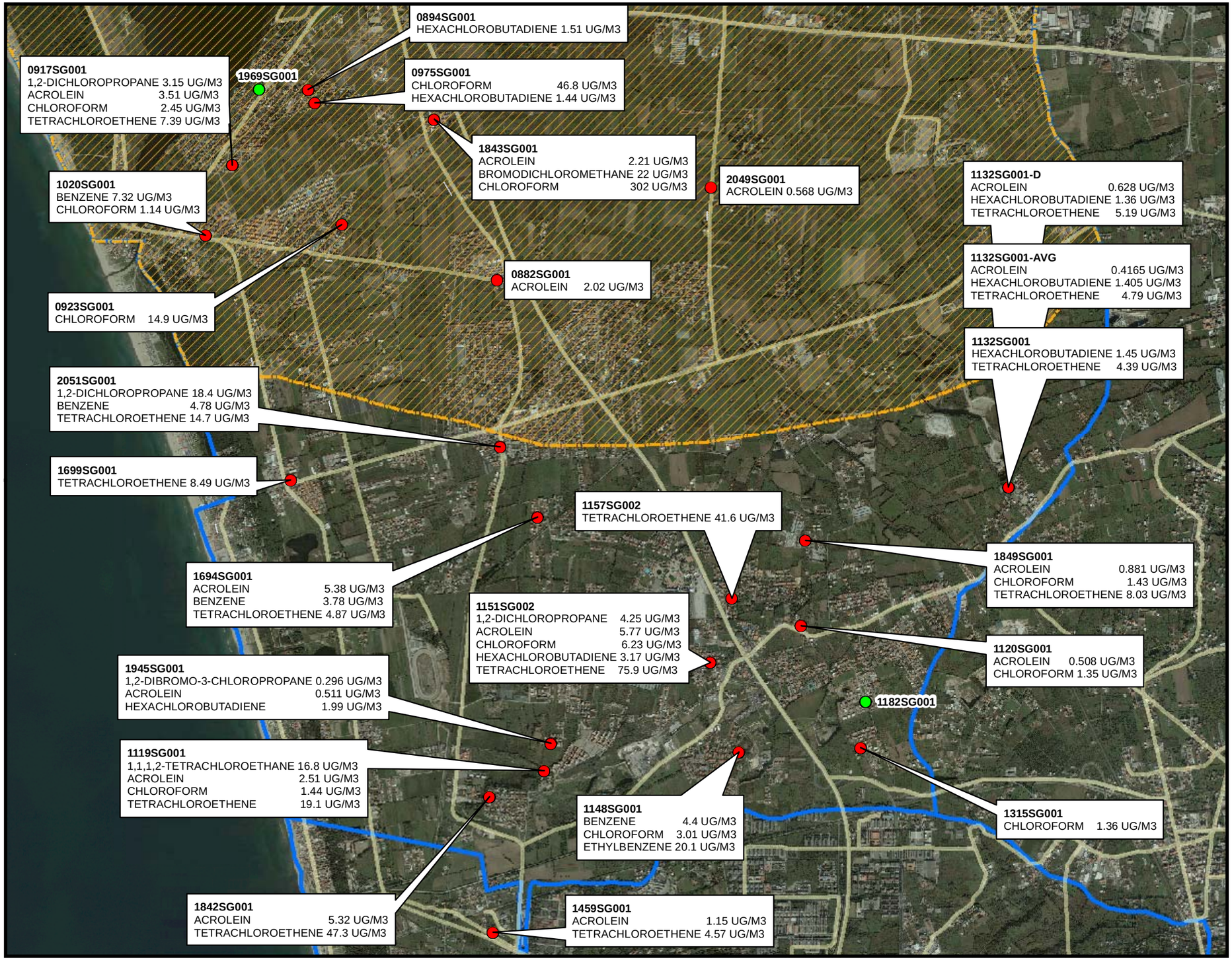
- ASG Sample Locations Exceeding Criteria
- ASG Sample Locations Not Exceeding Criteria
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 350 700 1,400 2,100 2,800
Meters

Drawn By: LR 12 28 09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

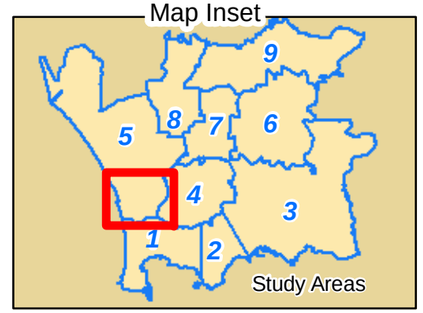
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TETRA TECH

Figure 3.5-2
Phase II Study Area 5 South
Active Soil Gas Exceedances
Naples Public Health Evaluation
Naples, Italy



Legend

- ASG Sample Locations Exceeding Criteria
- ASG Sample Locations Not Exceeding Criteria
- Lago Patria Area
- Major Roads
- Study Area Boundary (1-9)

0 255 510 1,020 1,530 2,040
Meters

Drawn By: LR 12 28 09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

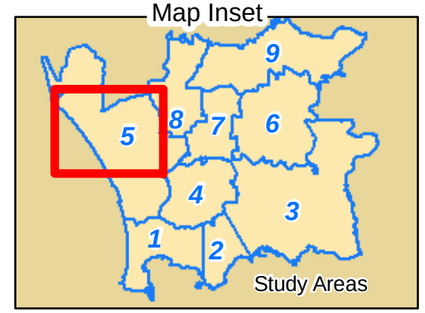
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Figure 3.5-3
Phase II Study Area 5 North
Tap Water Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

- Tap Water Public Sample Locations Exceeding Criteria
- Public Sample Locations Exceedance Only in Gross Beta Radioactivity Before Radionuclide Speciation
- Tap Water Public Sample Locations Not Exceeding Criteria
- Tap Water Well Sample Locations Exceeding Criteria
- New Lease Suspension Zones
- Lago Patria Area
- Major Roads
- Study Area Boundary (1-9)

0 375 750 1,500 2,250 3,000 Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

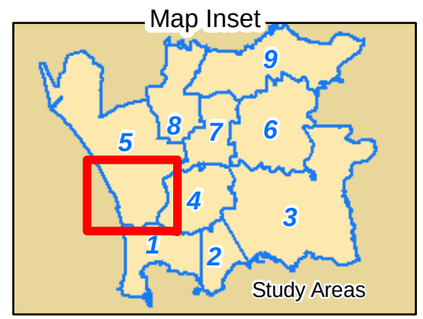
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Figure 3.5-4
Phase II Study Area 5 South
Tap Water Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

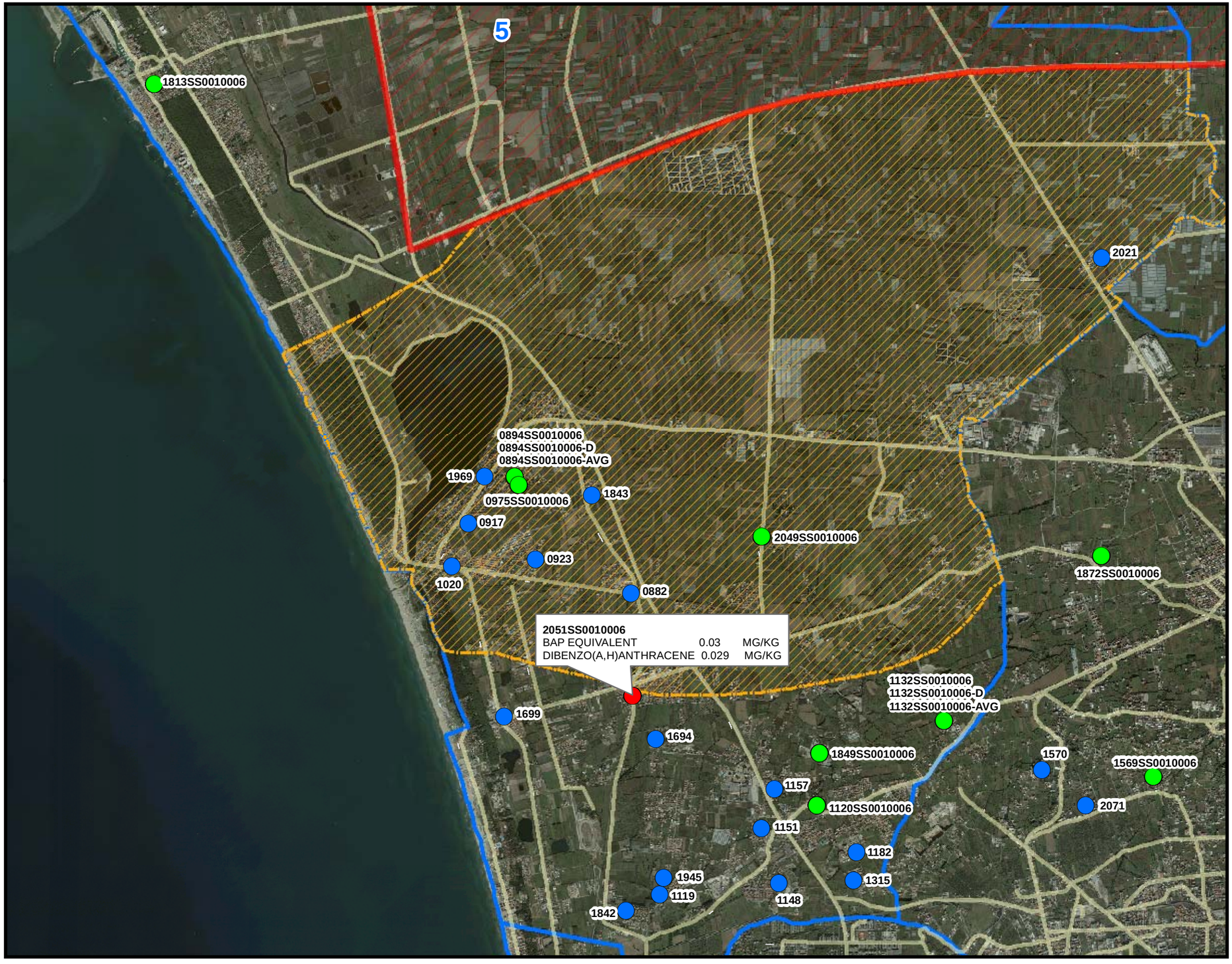
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- Tap Water Public Sample Locations Not Exceeding Criteria
- Tap Water Well Sample Locations Exceeding Criteria
- Lago Patria Area
- Major Roads
- Study Area Boundary (1-9)

0 300 600 1,200 1,800 2,400 Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

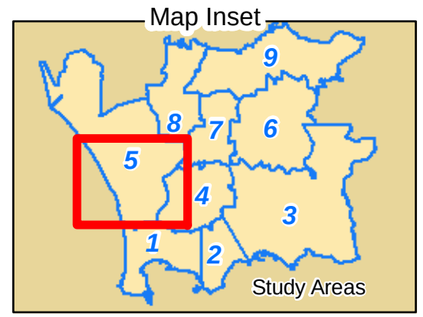
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CTO 0131

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TETRA TECH

Figure 3.5-5
Phase II Study Area 5
Surface Soil Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

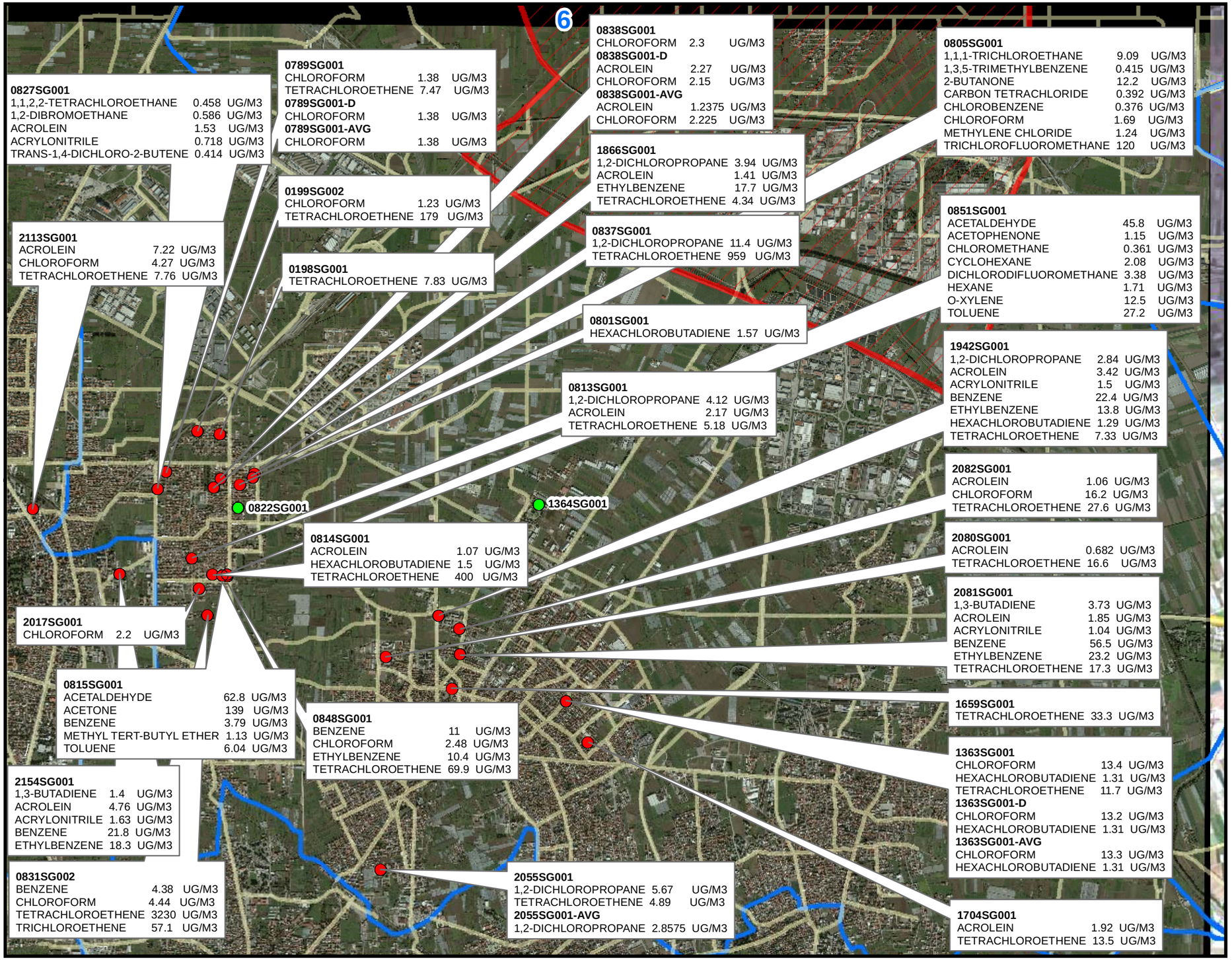
- Surface Soil Locations Exceeding Criteria
- Surface Soil Locations Not Exceeding Criteria
- Locations Where Surface Soil Was Not Sampled
- New Lease Suspension Zones
- Lago Patria Area
- Major Roads
- Study Area Boundary (1-9)

0 400 800 1,600 2,400 3,200 Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

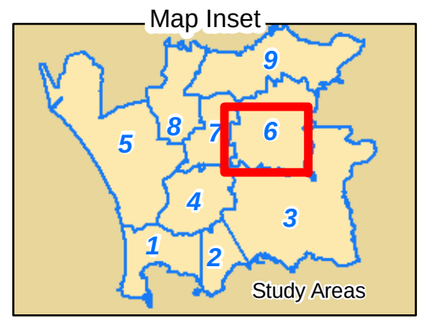
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Figure 3.6-1
Phase II Study Area 6
Active Soil Gas Exceedances
Naples Public Health Evaluation
Naples, Italy



Legend

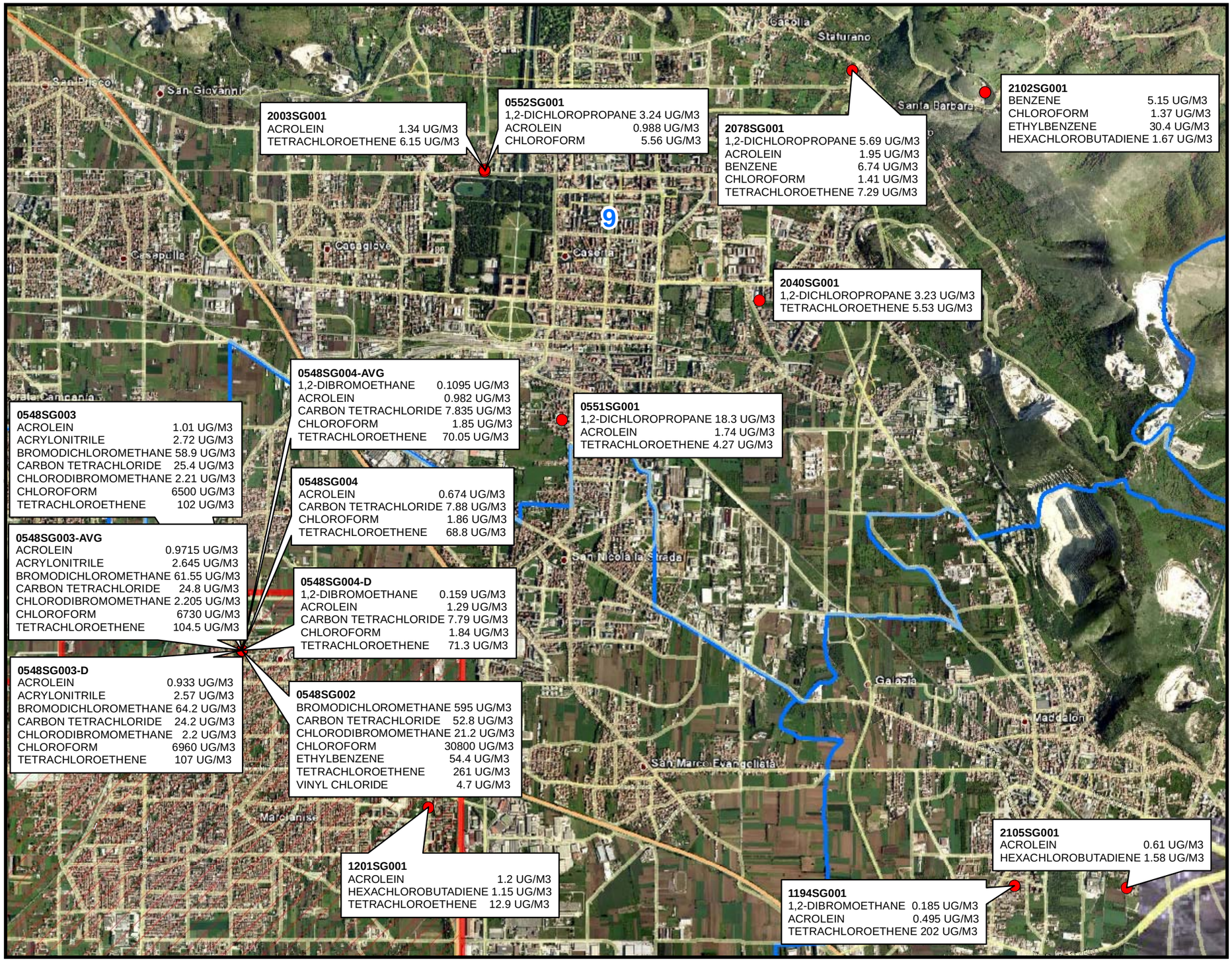
- ASG Sample Locations Exceeding Criteria
- ASG Sample Locations Not Exceeding Criteria
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 255 510 1,020 1,530 2,040
Meters

Drawn By: LR 12 28 09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

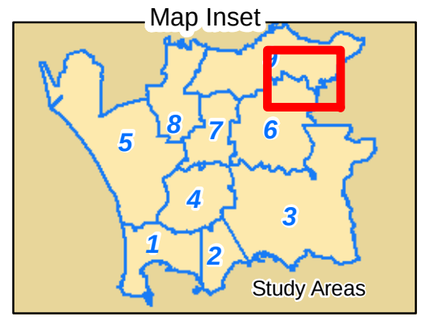
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TETRA TECH

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Figure 3.6-2
Phase II Study Area 6 North and 9 East
Active Soil Gas Exceedances
Naples Public Health Evaluation
Naples, Italy



Legend

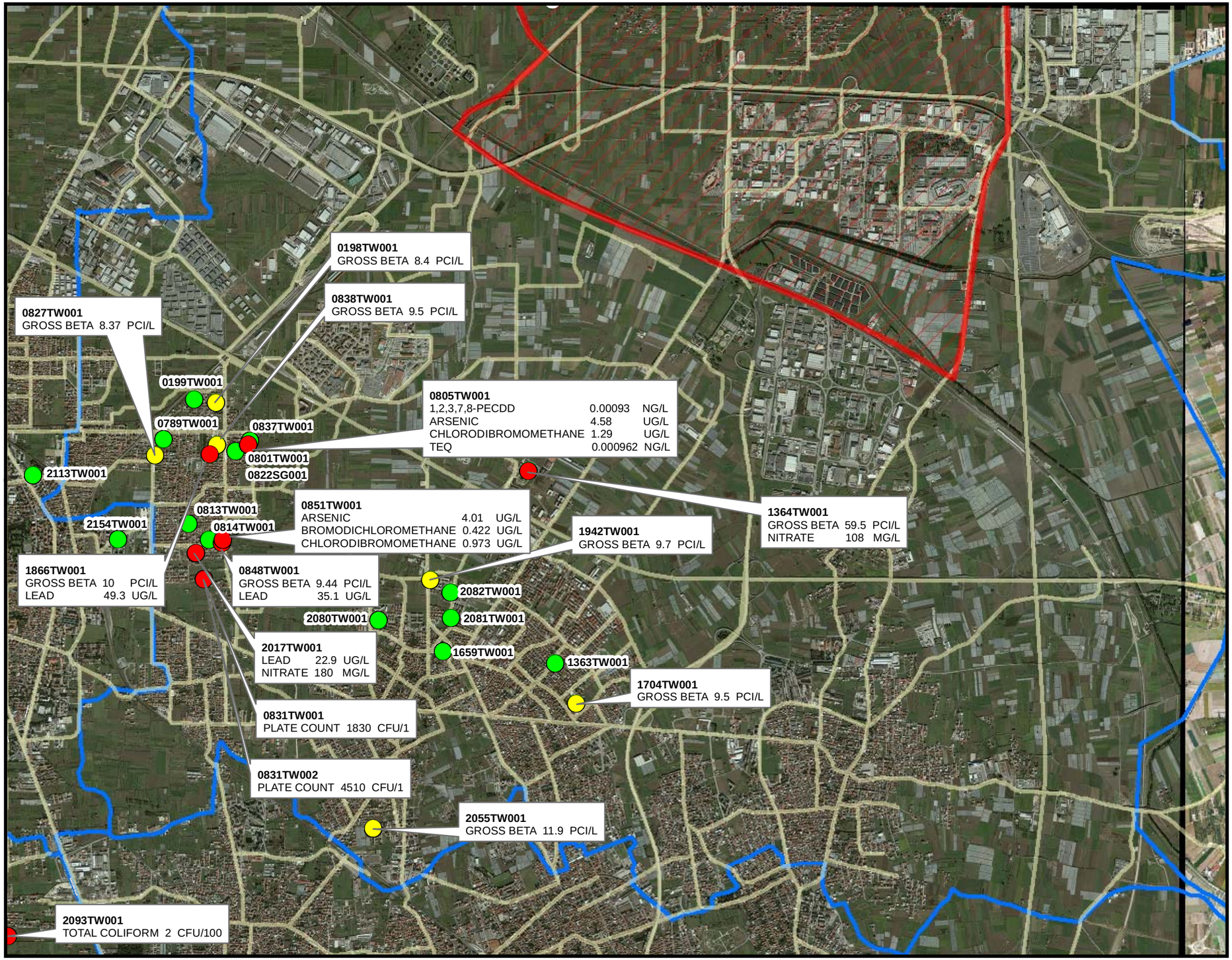
- ASG Sample Locations Exceeding Criteria
- ASG Sample Locations Not Exceeding Criteria
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 250 500 1,000 1,500 2,000
Meters

Drawn By: LR 12 28 09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

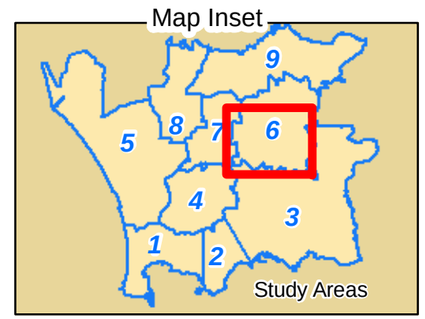
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Figure 3.6-3
Phase II Study Area 6 South
Tap Water Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

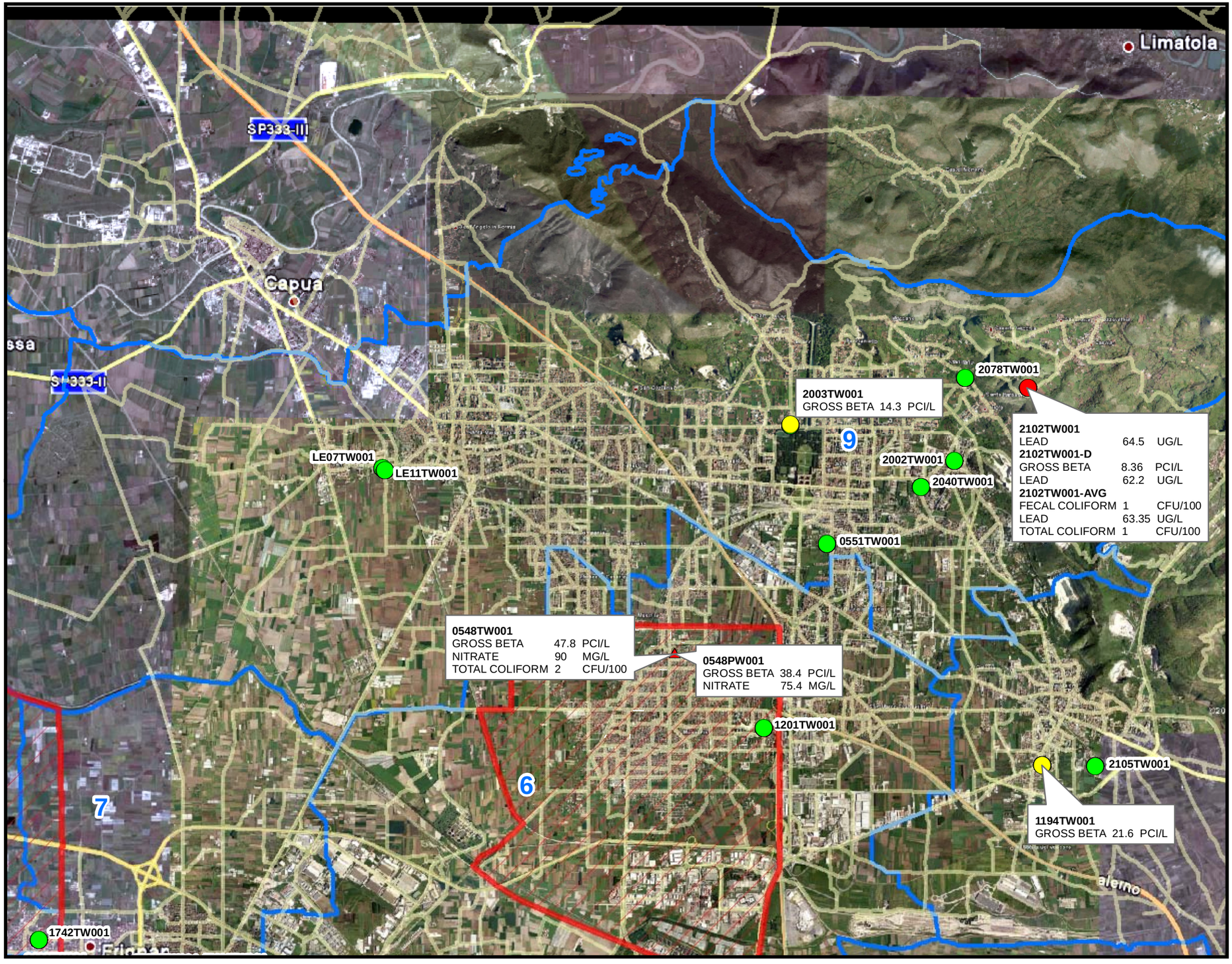
- Tap Water Public Sample Locations Exceeding Criteria
- Public Sample Locations Exceedance Only in Gross Beta Radioactivity Before Radionuclide Speciation
- Tap Water Public Sample Locations Not Exceeding Criteria
- Locations Where Tap Water Was Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 295 590 1,180 1,770 2,360 Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

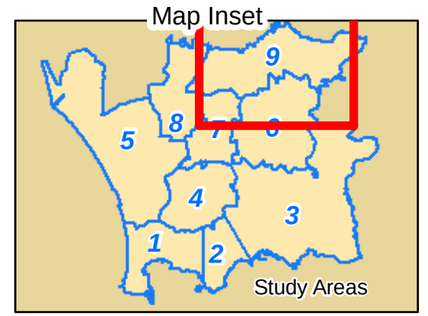
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Figure 3.6-4
Phase II Study Area 6 North
and Study Area 9
Tap Water Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

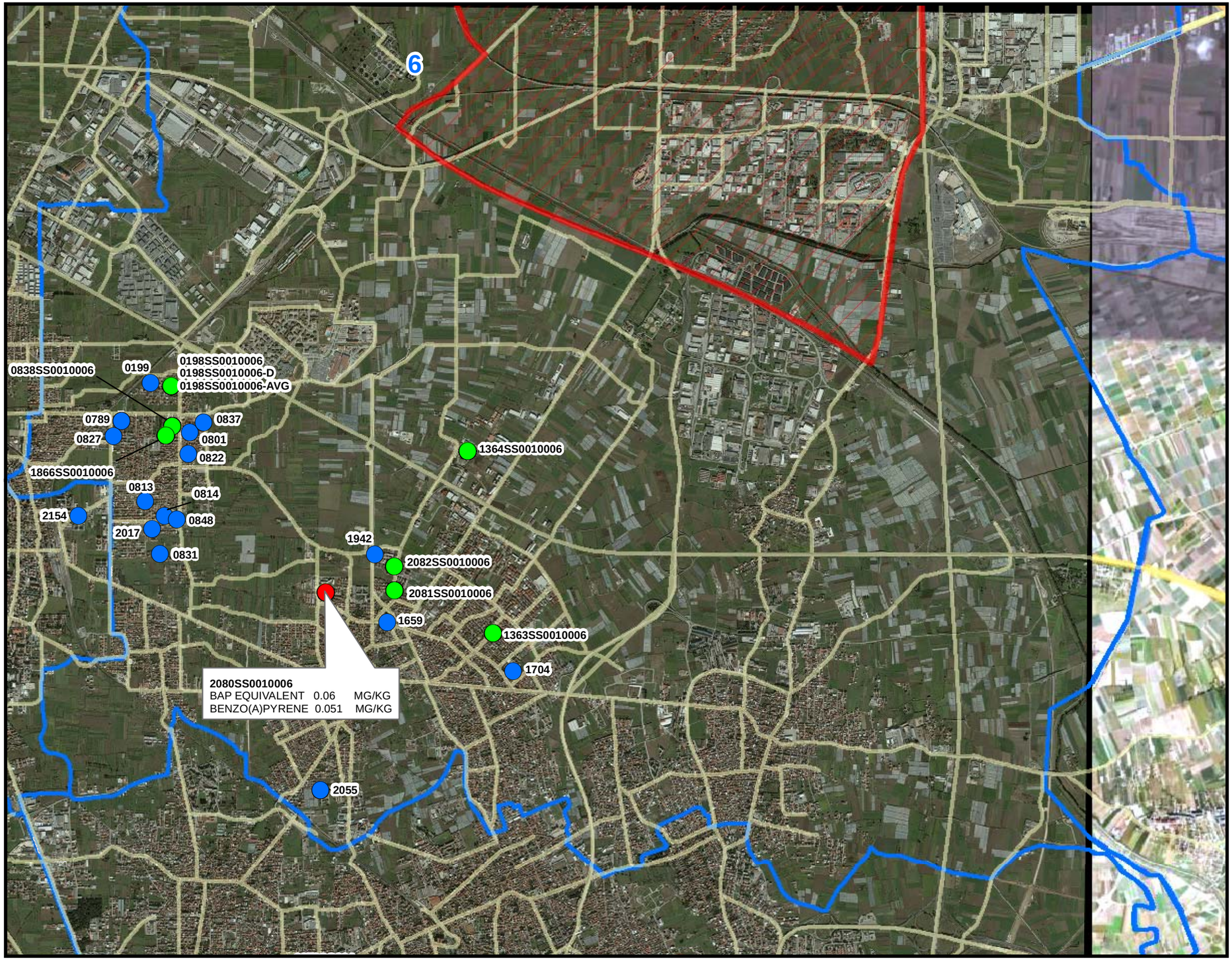
- Tap Water Public Sample Locations Exceeding Criteria
- Public Sample Locations Exceedance Only in Gross Beta Radioactivity Before Radionuclide Speciation
- Tap Water Public Sample Locations Not Exceeding Criteria
- Tap Water Well Sample Locations Exceeding Criteria
- Lago Patria Area
- Major Roads
- Study Area Boundary (1-9)

0 600 1,200 2,400 3,600 4,800 Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

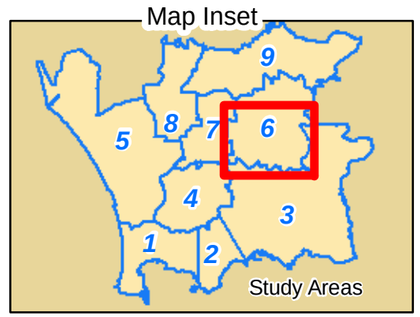
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TETRA TECH

Figure 3.6-5
Phase II Study Area 6
Surface Soil Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

- Surface Soil Locations Exceeding Criteria
- Surface Soil Locations Not Exceeding Criteria
- Locations Where Surface Soil Was Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 300 600 1,200 1,800 2,400 Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\Phase II Report 12 09\SurfaceSoil0329\Study Area 6 Surface soil ex 03 29.mxd)
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1857SG001
TETRACHLOROETHENE 41 UG/M3

1635SG001
TETRACHLOROETHENE 18 UG/M3

1633SG001
1,2-DICHLOROPROPANE 6.22 UG/M3
ACROLEIN 0.559 UG/M3
TETRACHLOROETHENE 19.9 UG/M3

2130SG001
CHLOROFORM 36 UG/M3

1742SG001
1,2-DICHLOROPROPANE 3 UG/M3
ACROLEIN 3.37 UG/M3
BENZENE 3.46 UG/M3
ETHYLBENZENE 25.6 UG/M3
TETRACHLOROETHENE 5.53 UG/M3

2077SG001
CHLOROFORM 8.6 UG/M3
TETRACHLOROETHENE 17.5 UG/M3

EV51SG001
ACROLEIN 3.17 UG/M3
TETRACHLOROETHENE 343 UG/M3

EV50SG001
ACROLEIN 2.95 UG/M3
TETRACHLOROETHENE 6.12 UG/M3

EV52SG001
ACROLEIN 1.39 UG/M3
BROMODICHLOROMETHANE 0.897 UG/M3
CHLOROFORM 36.4 UG/M3
ETHYLBENZENE 45 UG/M3
TETRACHLOROETHENE 118 UG/M3

2115SG001
BENZENE 10.5 UG/M3
ETHYLBENZENE 25.5 UG/M3

0199SG002
TETRACHLOROETHENE 179 UG/M3

2150SG001
CHLOROFORM 1.34 UG/M3
ETHYLBENZENE 10.5 UG/M3
TETRACHLOROETHENE 38.3 UG/M3

2116SG001
ACROLEIN 2.12 UG/M3
BENZENE 10.5 UG/M3
ETHYLBENZENE 15 UG/M3
HEXACHLOROBUTADIENE 2.7 UG/M3

0459SG001
1,2-DICHLOROPROPANE 2.54 UG/M3
BENZENE 4.54 UG/M3

1926SG001
1,1,2,2-TETRACHLOROETHANE 0.427 UG/M3
ACROLEIN 0.792 UG/M3
ETHYLBENZENE 47.2 UG/M3
HEXACHLOROBUTADIENE 2.34 UG/M3
TETRACHLOROETHENE 4.51 UG/M3

0789SG001
CHLOROFORM 1.38 UG/M3
TETRACHLOROETHENE 7.47 UG/M3
0789SG001-D
CHLOROFORM 1.38 UG/M3
TETRACHLOROETHENE 7.67 UG/M3
0789SG001-AVG
CHLOROFORM 1.38 UG/M3
TETRACHLOROETHENE 7.57 UG/M3

0488SG001
BENZENE 16.4 UG/M3
CHLOROFORM 2.05 UG/M3
HEXACHLOROBUTADIENE 2.39 UG/M3

2023SG001
1,2-DICHLOROPROPANE 4.68 UG/M3
ACROLEIN 1.07 UG/M3

2113SG001
ACROLEIN 7.22 UG/M3
CHLOROFORM 4.27 UG/M3
TETRACHLOROETHENE 7.76 UG/M3

1835SG001
ACROLEIN 0.862 UG/M3
BENZENE 4.44 UG/M3
BROMODICHLOROMETHANE 8.97 UG/M3
CHLOROFORM 37.8 UG/M3
ETHYLBENZENE 11.7 UG/M3
TETRACHLOROETHENE 178 UG/M3

2156SG001
ACROLEIN 0.885 UG/M3
TETRACHLOROETHENE 5.17 UG/M3

0827SG001
1,1,2,2-TETRACHLOROETHANE 0.458 UG/M3
1,2-DIBROMOETHANE 0.586 UG/M3
ACROLEIN 1.53 UG/M3
ACRYLONITRILE 0.718 UG/M3
TRANS-1,4-DICHLORO-2-BUTENE 0.414 UG/M3

2117SG001-D
ACROLEIN 3.65 UG/M3

2117SG001-AVG
ACROLEIN 1.9275 UG/M3

0104SG001
ACROLEIN 0.766 UG/M3
CHLOROFORM 1.66 UG/M3
TETRACHLOROETHENE 4.54 UG/M3

2154SG001
1,3-BUTADIENE 1.4 UG/M3
ACROLEIN 4.76 UG/M3
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BENZENE 21.8 UG/M3
ETHYLBENZENE 18.3 UG/M3

0813SG001
1,2-DICHLOROPROPANE 4.12 UG/M3
ACROLEIN 2.17 UG/M3
TETRACHLOROETHENE 5.18 UG/M3

1911SG001
CHLOROFORM 4.04 UG/M3

1749SG001
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ACROLEIN 1.4 UG/M3

1810SG001
ACROLEIN 1.93 UG/M3
BENZENE 3.33 UG/M3
TETRACHLOROETHENE 6.53 UG/M3

2017SG001
CHLOROFORM 2.2 UG/M3

2118SG001
ETHYLBENZENE 37.2 UG/M3

1923SG001
CHLOROFORM 5.21 UG/M3

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ACRYLONITRILE 0.813 UG/M3
CHLOROFORM 8.18 UG/M3

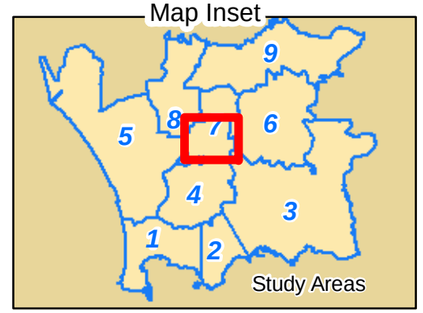
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ACROLEIN 1.18 UG/M3

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Figure 3.7-1
Phase II Study Area 7
Active Soil Gas Exceedances
Naples Public Health Evaluation
Naples, Italy

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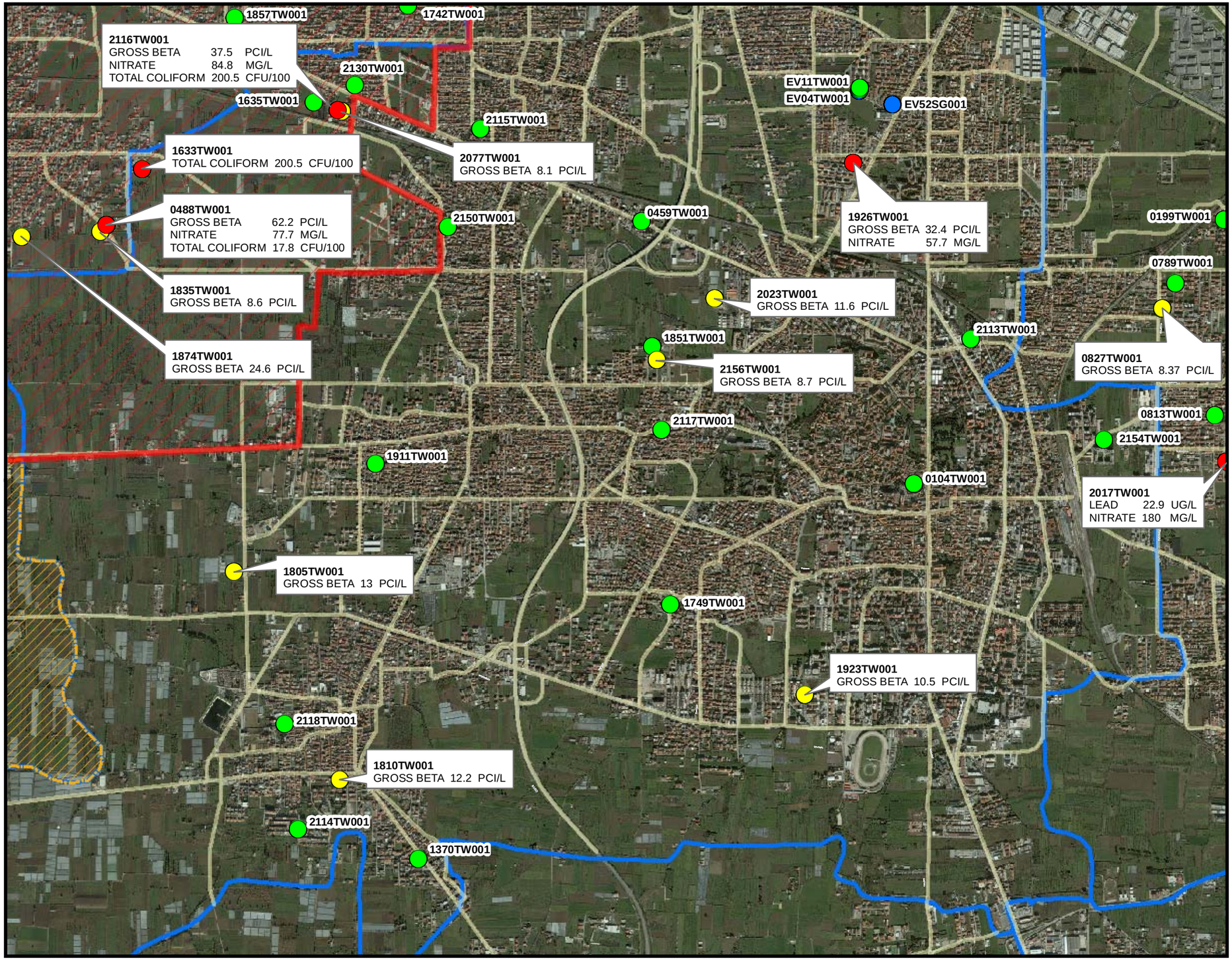
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- ASG Sample Locations Not Exceeding Criteria
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 200 400 800 1,200 1,600
Meters

Drawn By: LR 12 28 09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

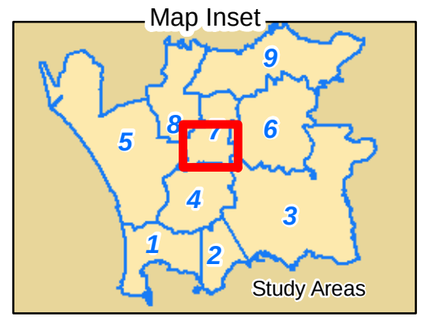
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Figure 3.7-2
Phase II Study Area 7
Tap Water Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



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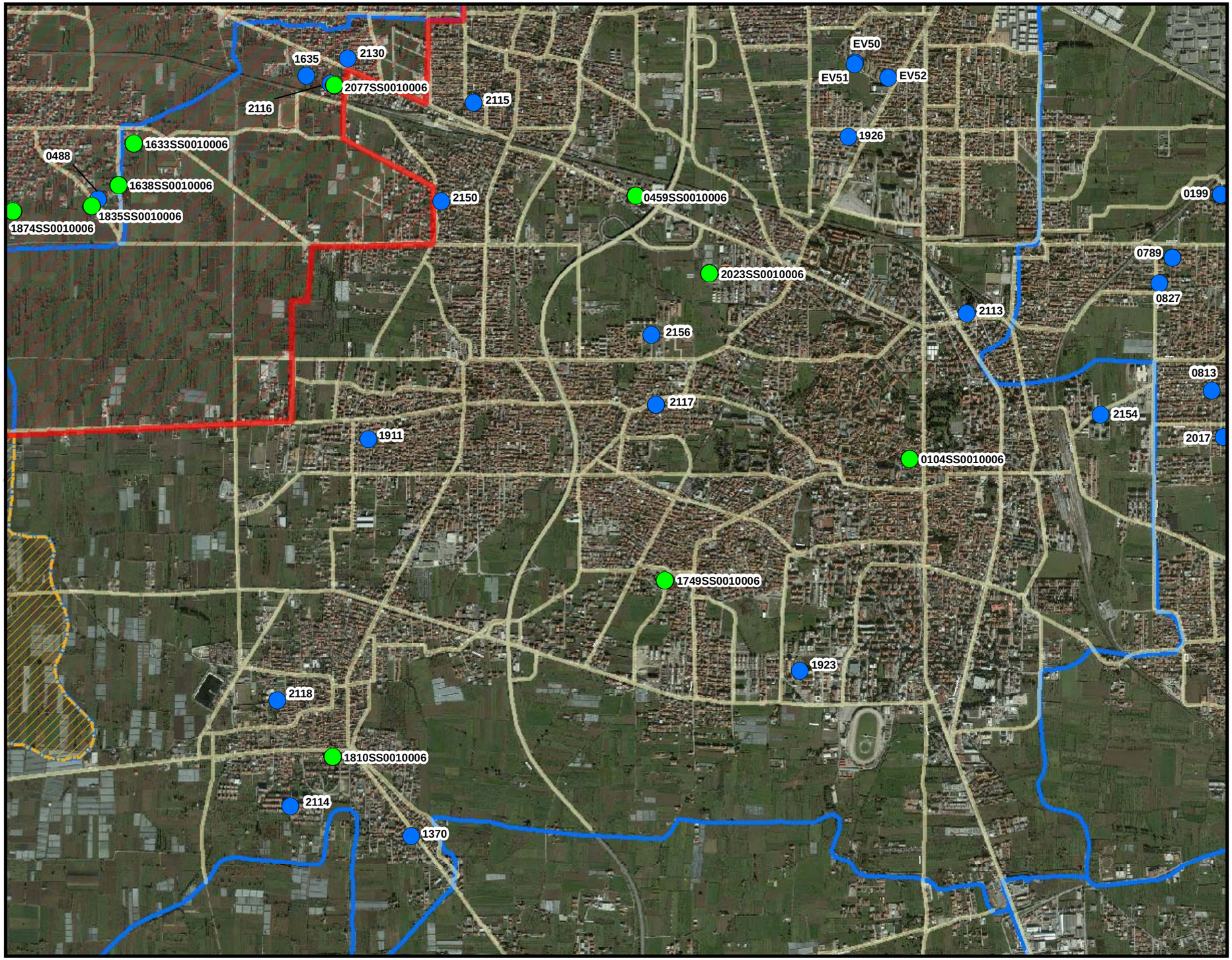
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- Tap Water Sample Locations Not Exceeding Criteria
- Locations Where Tap Water Was Not Sampled
- New Lease Suspension Zones
- Lago Patria Area
- Major Roads
- Study Area Boundary (1-9)

0 200 400 800 1,200 1,600 Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

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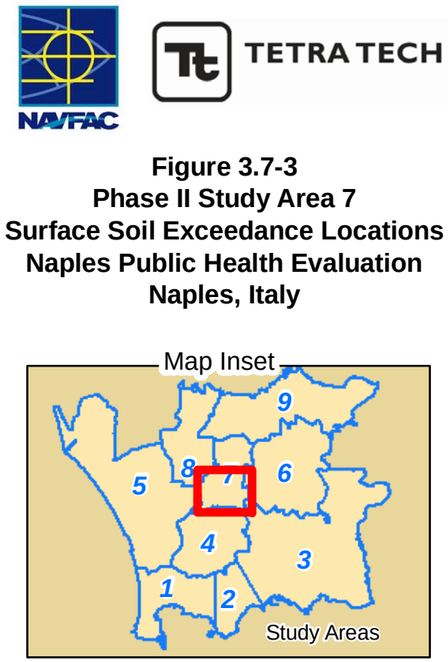


Figure 3.7-3
Phase II Study Area 7
Surface Soil Exceedance Locations
Naples Public Health Evaluation
Naples, Italy

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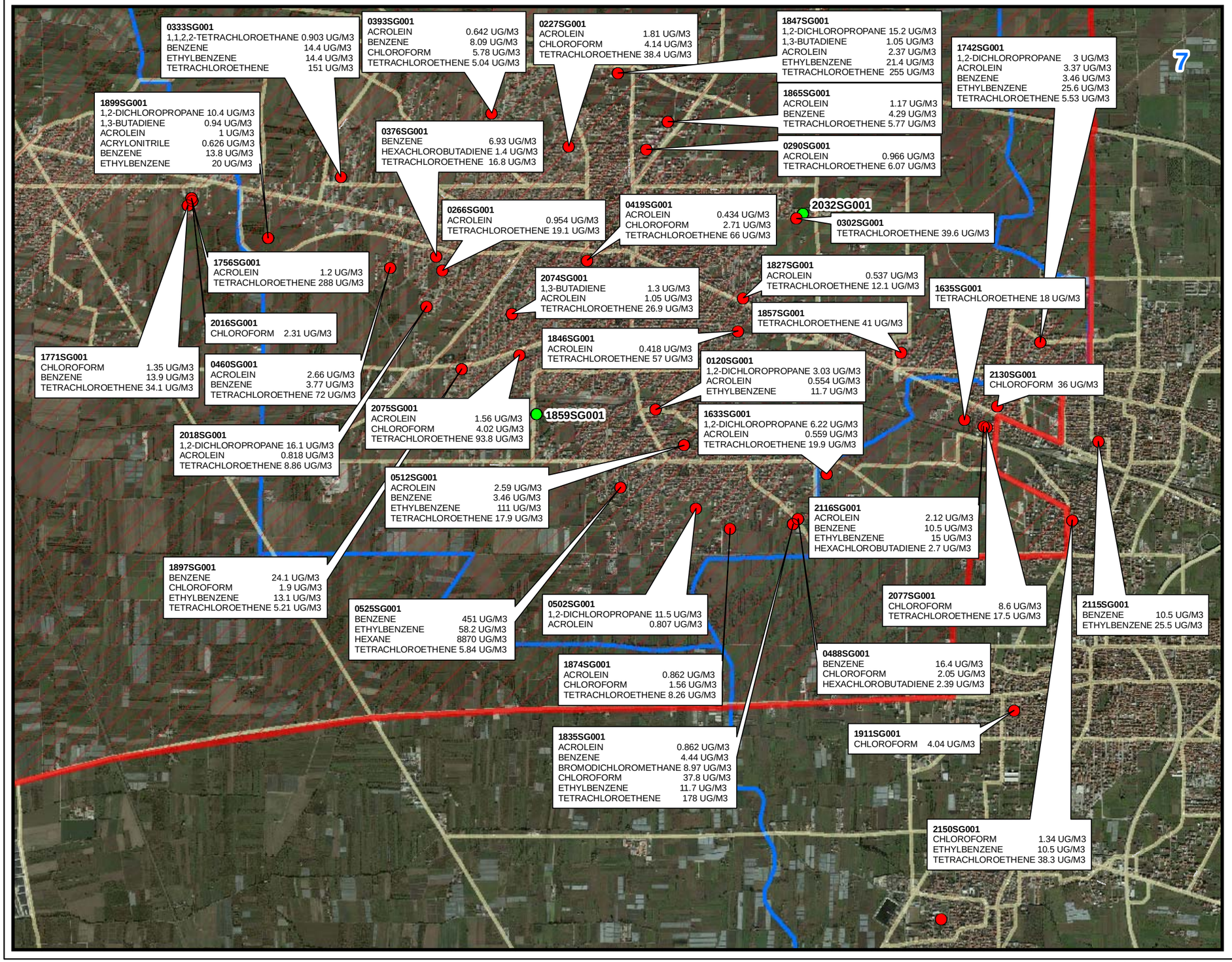
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- Locations Where Surface Soil Was Not Sampled
- New Lease Suspension Zones
- Lago Patria Area
- Major Roads
- Study Area Boundary (1-9)

0 200 400 800 1,200 1,600 Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

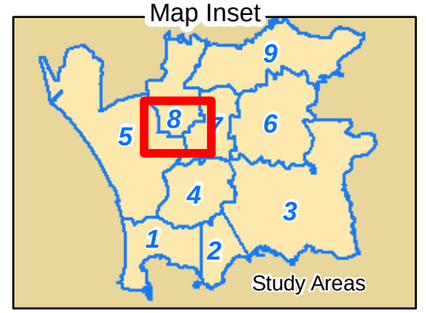
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Figure 3.8-1
Phase II Study Area 8
Active Soil Gas Exceedances
Naples Public Health Evaluation
Naples, Italy



Legend

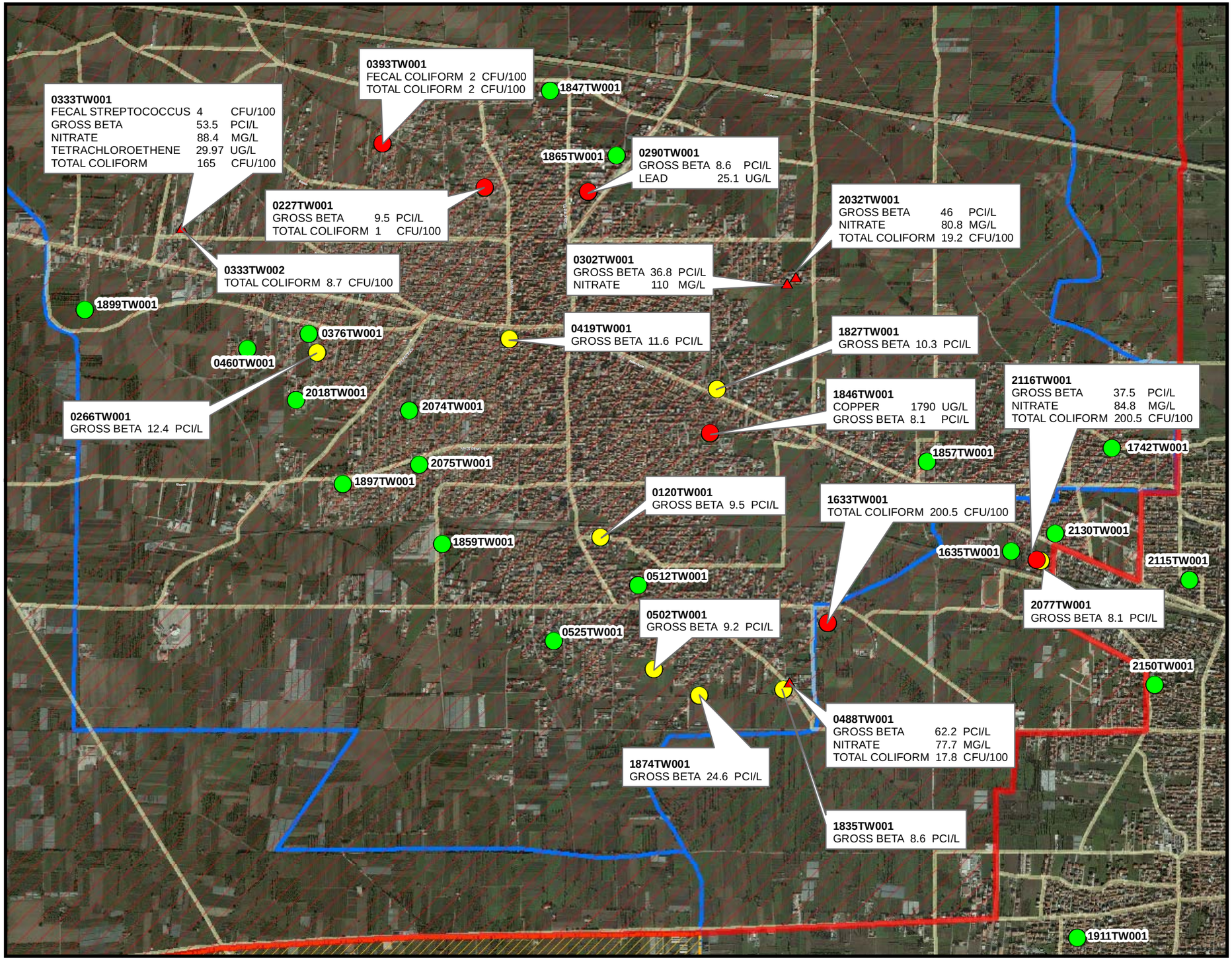
- ASG Sample Locations Exceeding Criteria
- ASG Sample Locations Not Exceeding Criteria
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 255 510 1,020 1,530 2,040
Meters

Drawn By: LR 12 28 09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

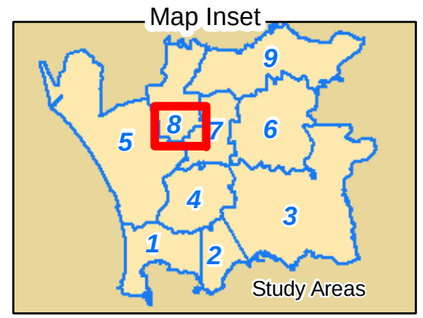
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Figure 3.8-2
Phase II Study Area 8
Tap Water Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



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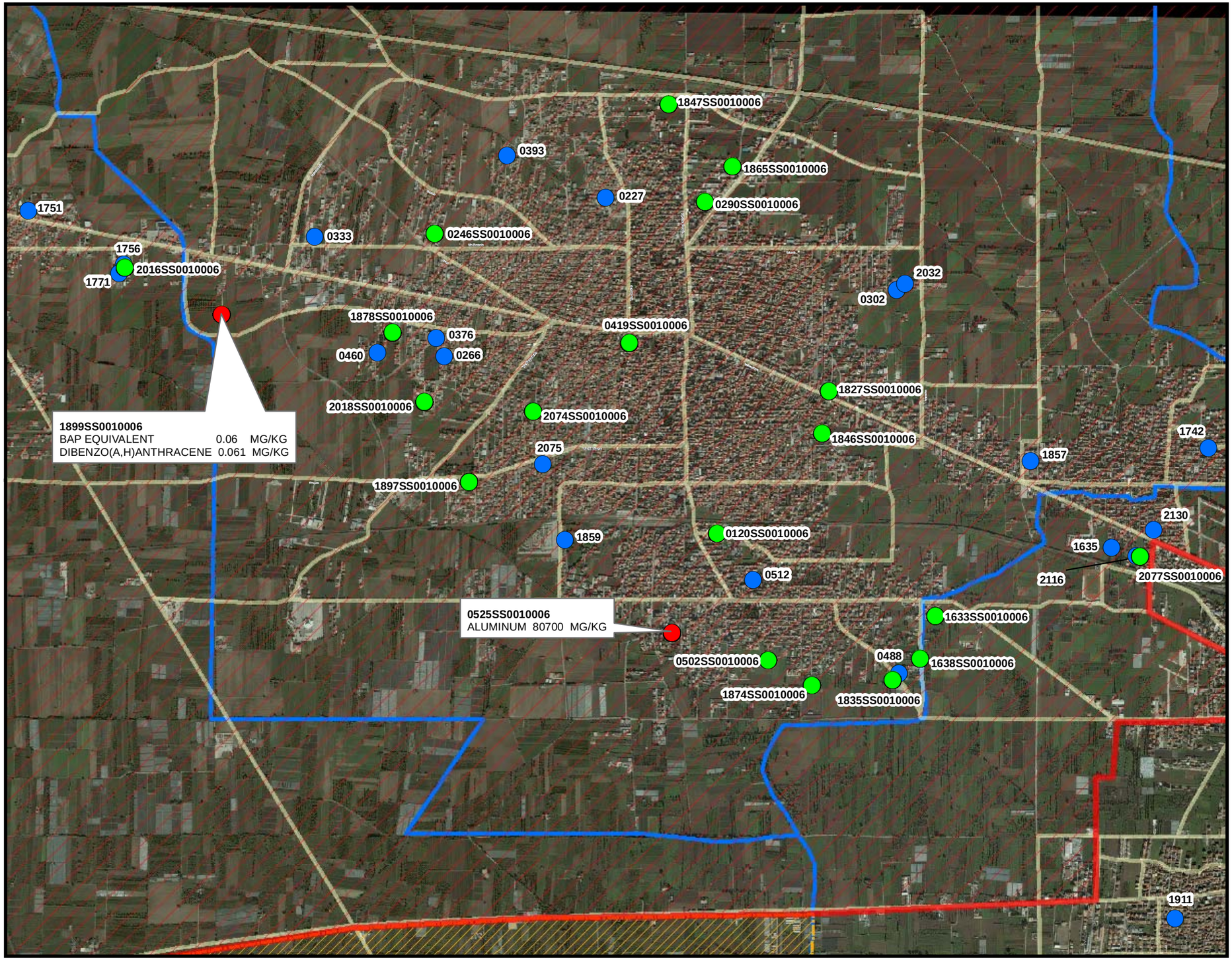
- Tap Water Public Sample Locations Exceeding Criteria
- Public Sample Locations Exceedance Only in Gross Beta Radioactivity Before Radionuclide Speciation
- Tap Water Public Sample Locations Not Exceeding Criteria
- Tap Water Well Sample Locations Exceeding Criteria
- New Lease Suspension Zones
- Lago Patria Area
- Major Roads
- Study Area Boundary (1-9)

0 200 400 800 1,200 1,600
Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

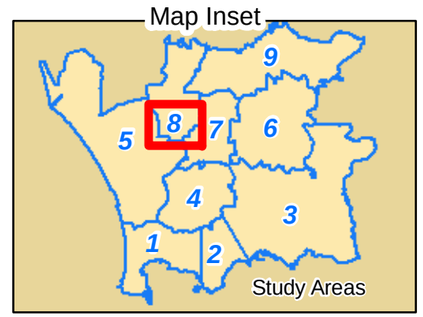
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4/1/2010 -- 8:21:19 AM



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Figure 3.8-3
Phase II Study Area 8
Surface Soil Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

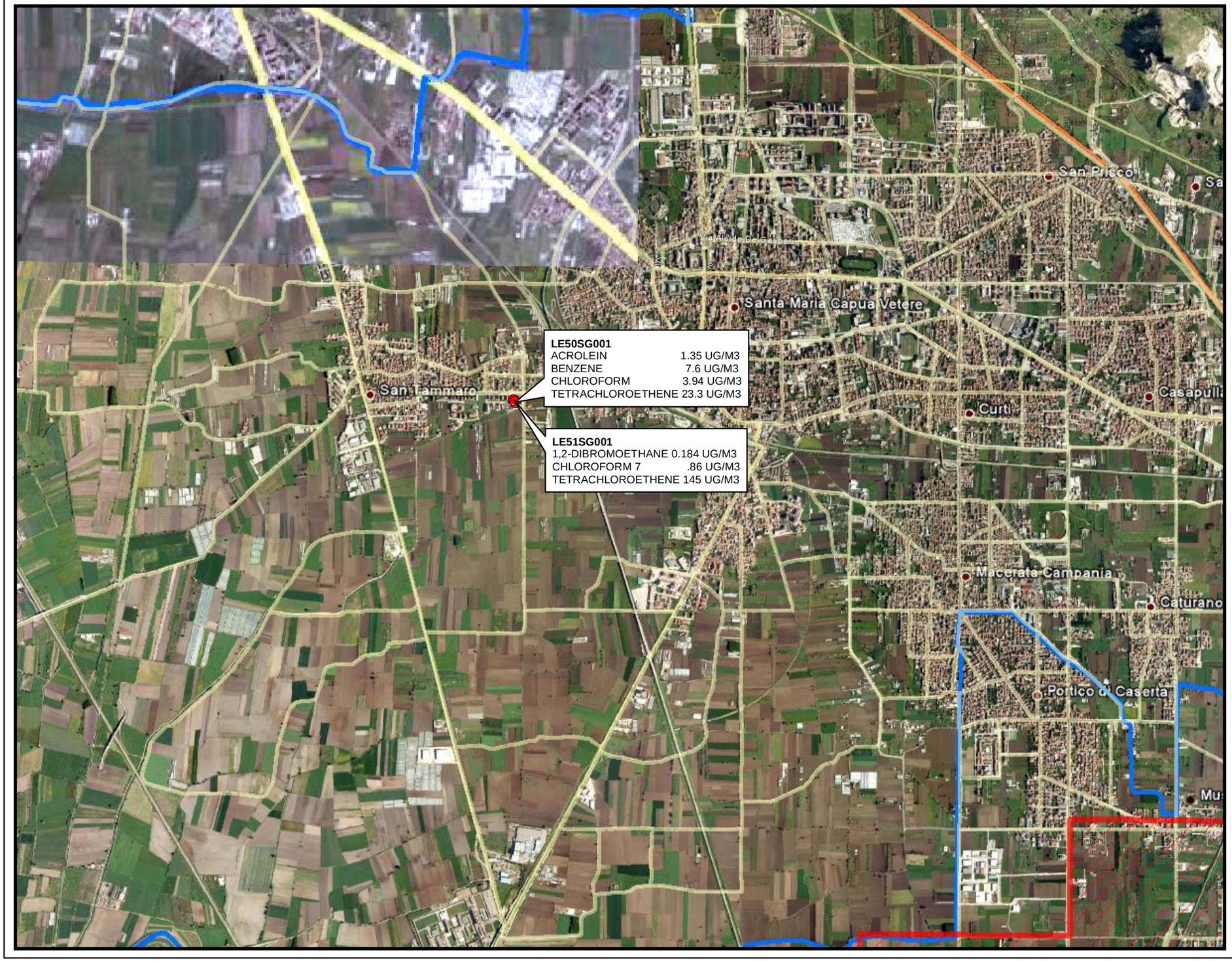
- Surface Soil Locations Exceeding Criteria
- Surface Soil Locations Not Exceeding Criteria
- Locations Where Surface Soil Was Not Sampled
- New Lease Suspension Zones
- Lago Patria Area
- Major Roads
- Study Area Boundary (1-9)

0 200 400 800 1,200 1,600 Meters

Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

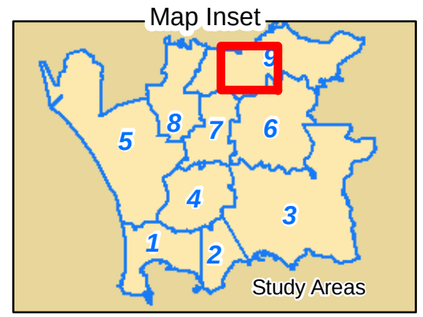
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Figure 3.9-1
Phase II Study Area 9 West
Active Soil Gas Exceedances
Naples Public Health Evaluation
Naples, Italy



Legend

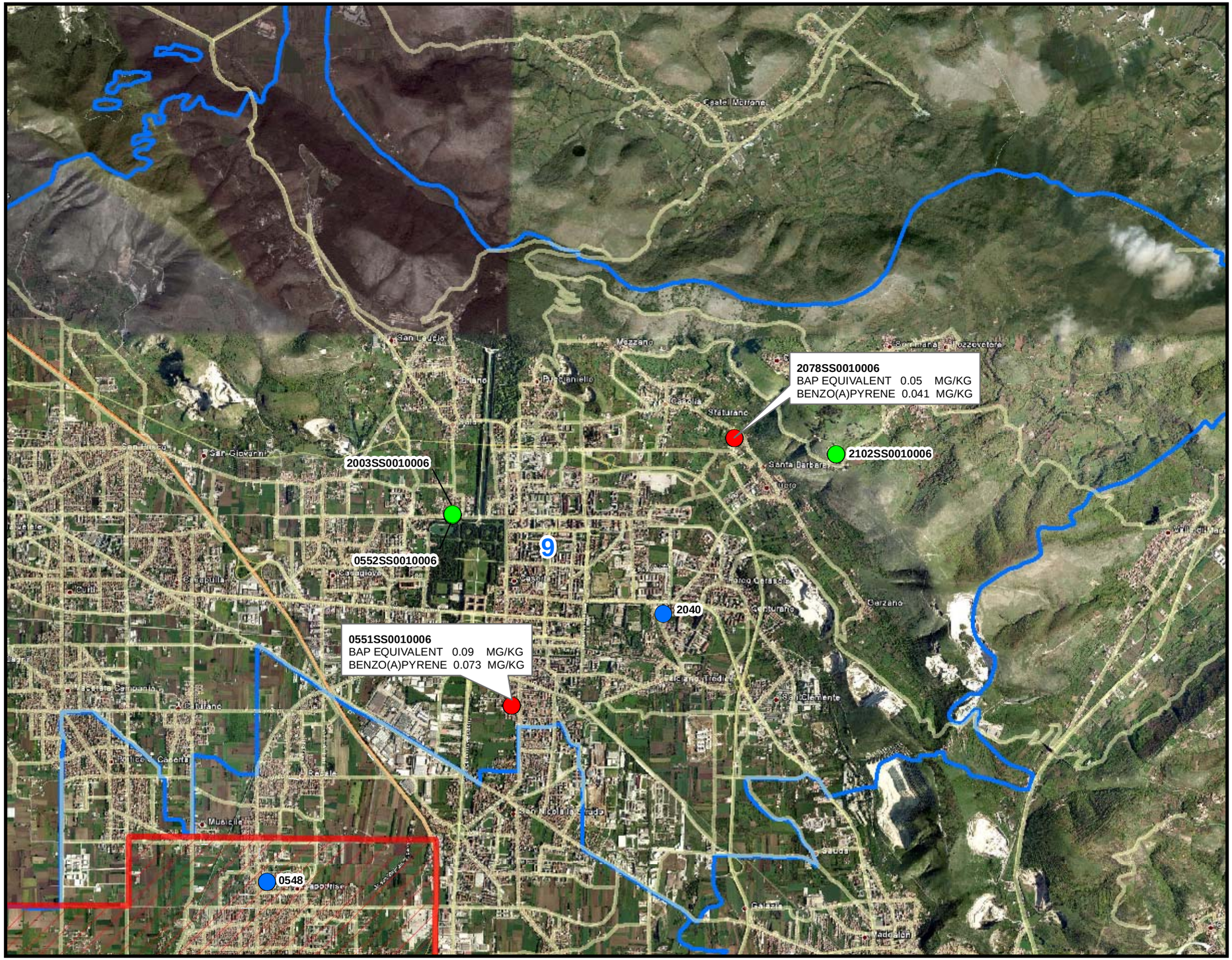
- ASG Sample Locations Exceeding Criteria
- ASG Sample Locations Not Exceeding Criteria
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 200 400 800 1,200 1,600
Meters

Drawn By: LR 12 28 09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

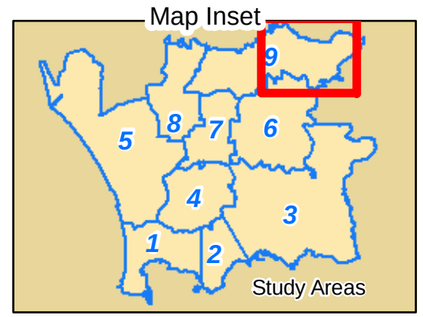
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Figure 3.9-2
Phase II Study Area 9
Surface Soil Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

- Surface Soil Locations Exceeding Criteria
- Surface Soil Locations Not Exceeding Criteria
- Locations Where Surface Soil Was Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 355 710 1,420 2,130 2,840 Meters

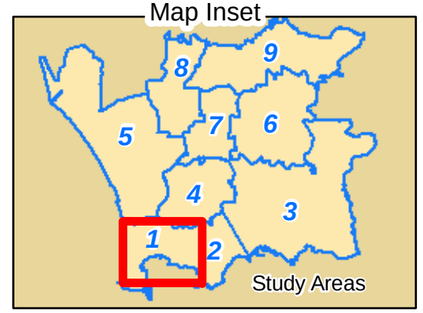
Drawn By: LR 02 04 2010
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\Phase II Report 12 09\SurfaceSoil0329\Study Area 9 Surface soil ex 03 29.mxd)
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Figure 3.10-1
Study Area 1
Comparison of ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

- ASG Concentrations > 95th Percentile Regional AA Concentration
- ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- Major Roads
- Study Area Boundary (1-9)

0 330 660 1,320 1,980 2,640
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\1500Ft Step Outs\1500 Foot Step Out Zone_Sec3_Area_1_1 Figure 3_10-1.mxd)
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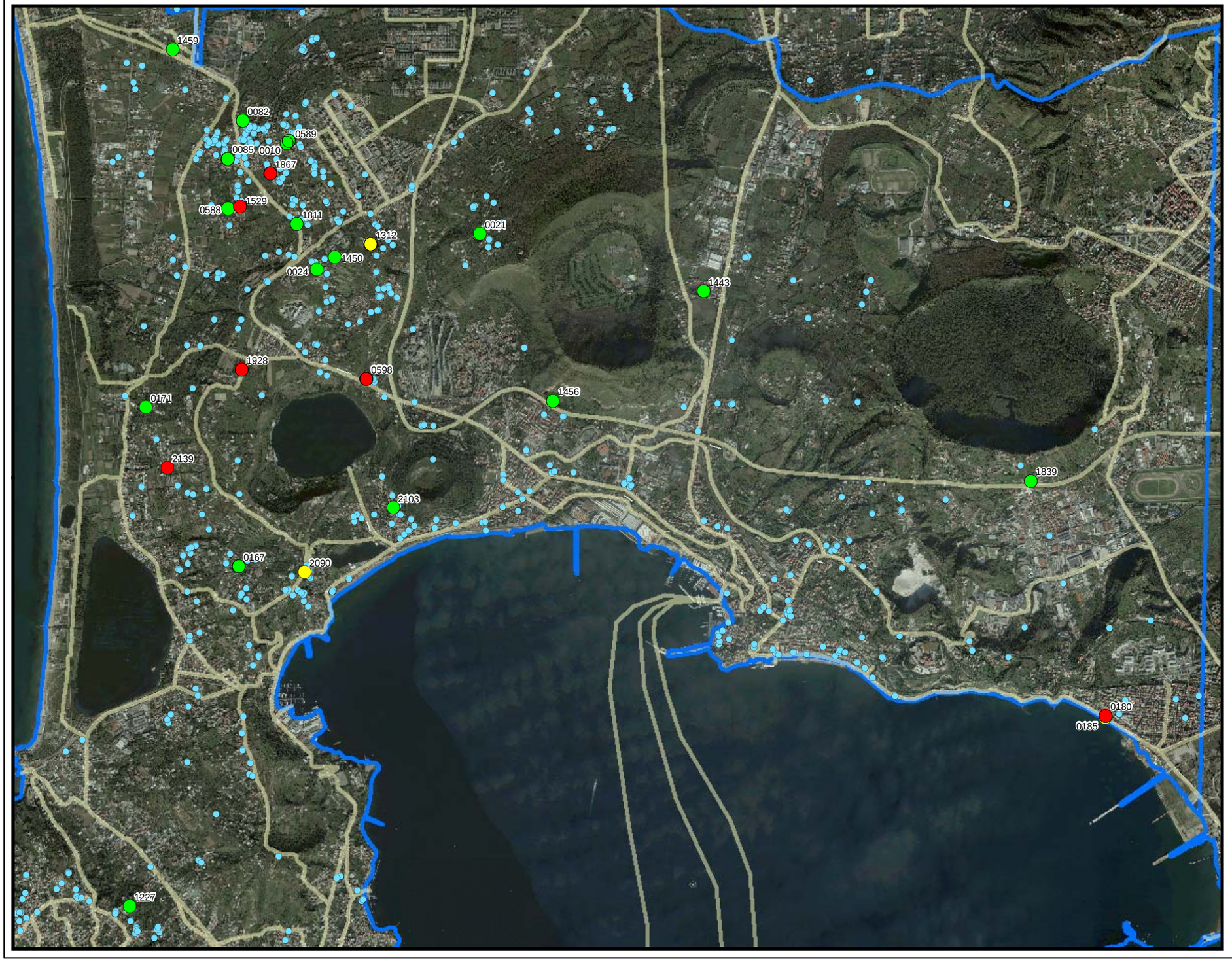
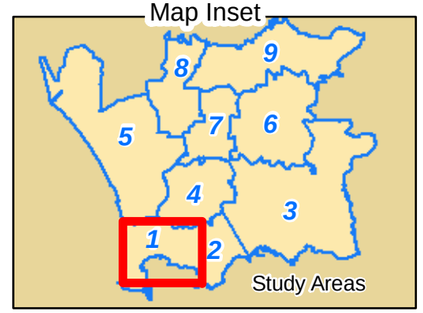


Figure 3.10-2
Study Area 1
Comparison of Attenuated ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

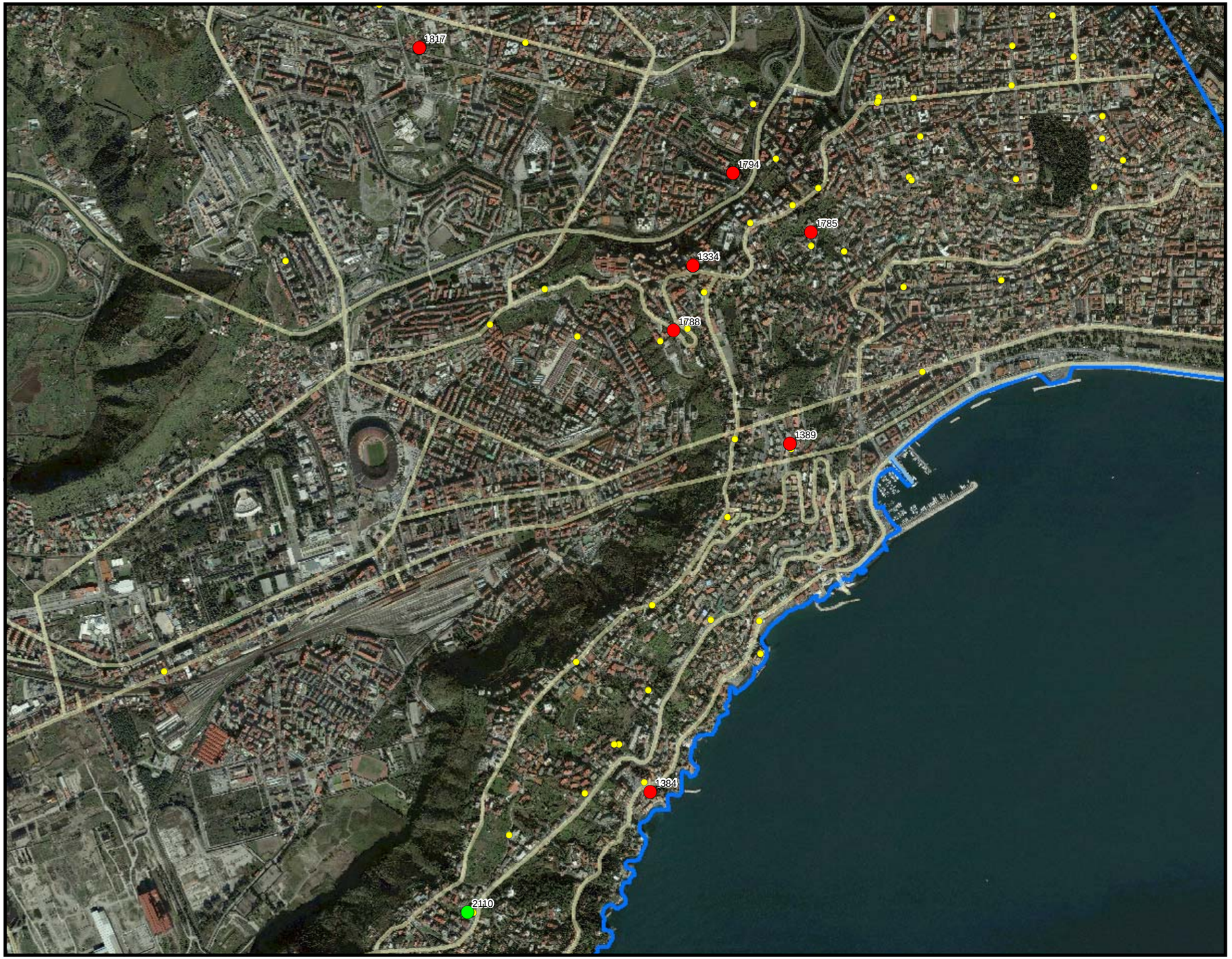
- Attenuated ASG Concentrations > 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations Marginally Greater than 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- Major Roads
- Study Area Boundary (1-9)

0 330 660 1,320 1,980 2,640
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

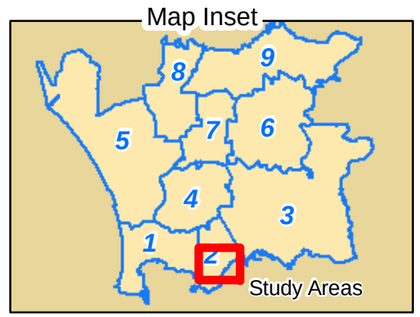
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Figure 3.10-3
Study Area 2
Comparison of ASG Concentrations to 95th Percentile
Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

- ASG Concentrations > 95th Percentile Regional AA Concentration
- ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- Major Roads
- Study Area Boundary (1-9)

0 175 350 700 1,050 1,400
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\1500Ft Step Outs\1500 Foot Step Out Zone_Sec3_Area_2_1 Figure 3_10-3.mxd)
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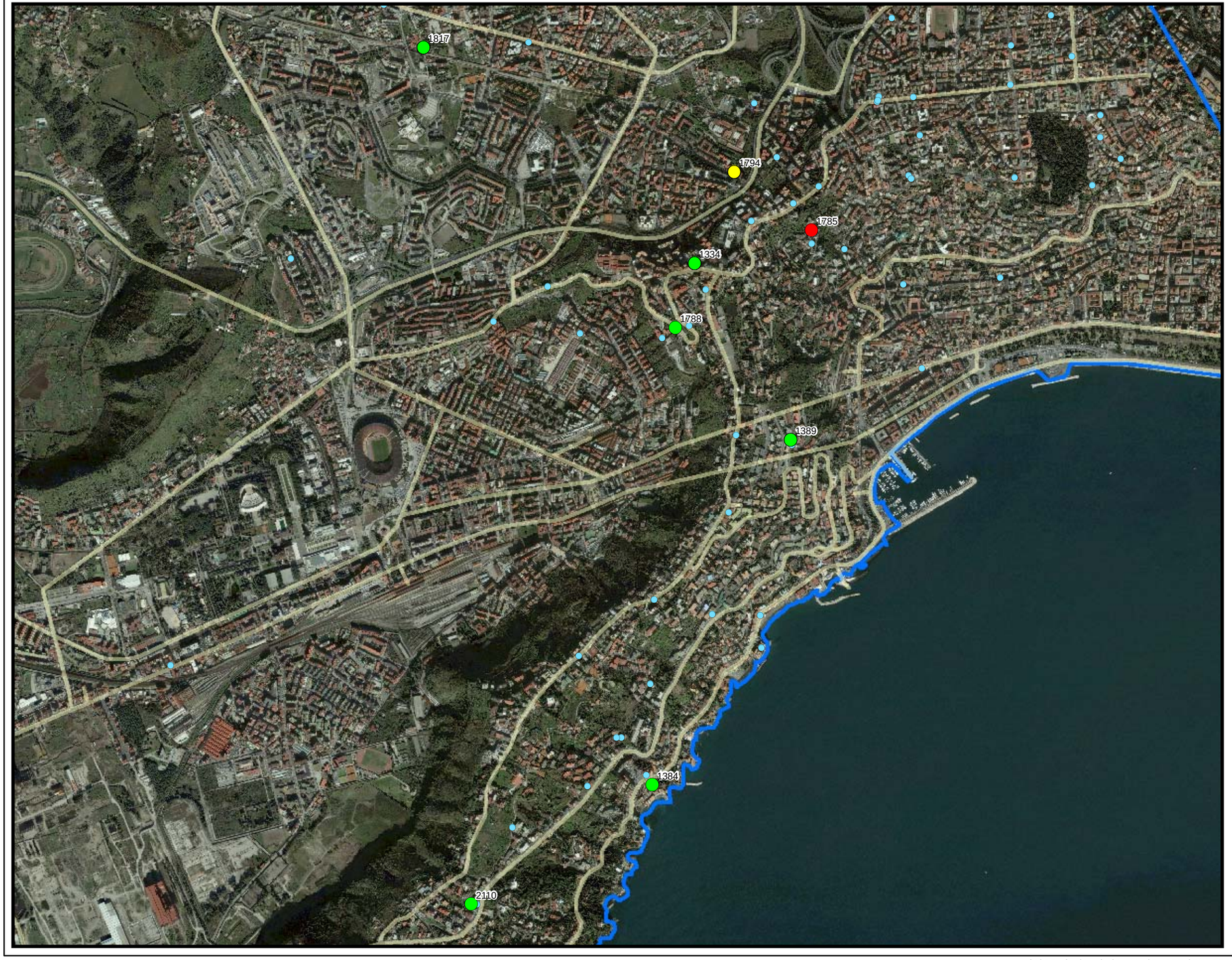
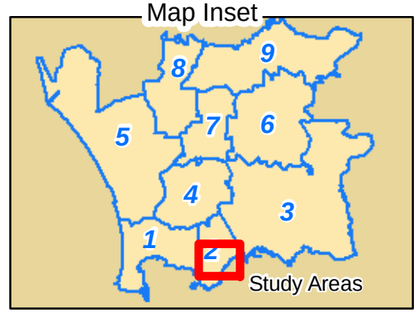


Figure 3.10-4
Study Area 2
Comparison of Attenuated ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

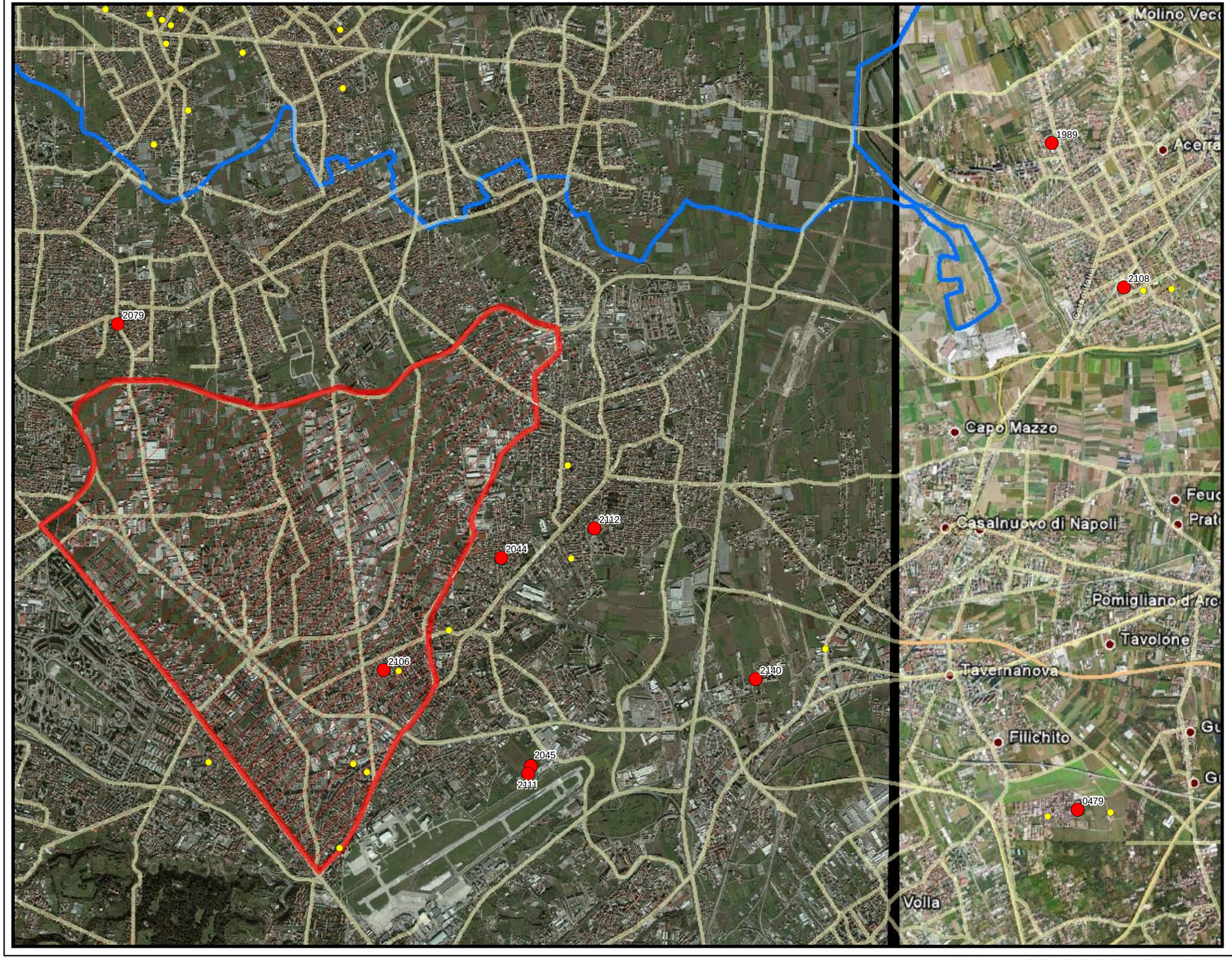
- Attenuated ASG Concentrations > 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations Marginally Greater than 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- Major Roads
- Study Area Boundary (1-9)

0 175 350 700 1,050 1,400
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\1500Ft Step Outs\1500 Foot Step Out Zone_Sec3_Area_2_2 Figure 3_10-4.mxd)
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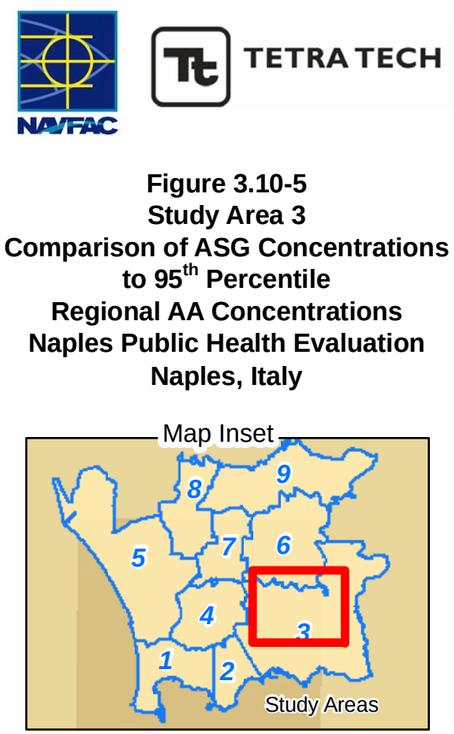


Figure 3.10-5
Study Area 3
Comparison of ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy

Legend

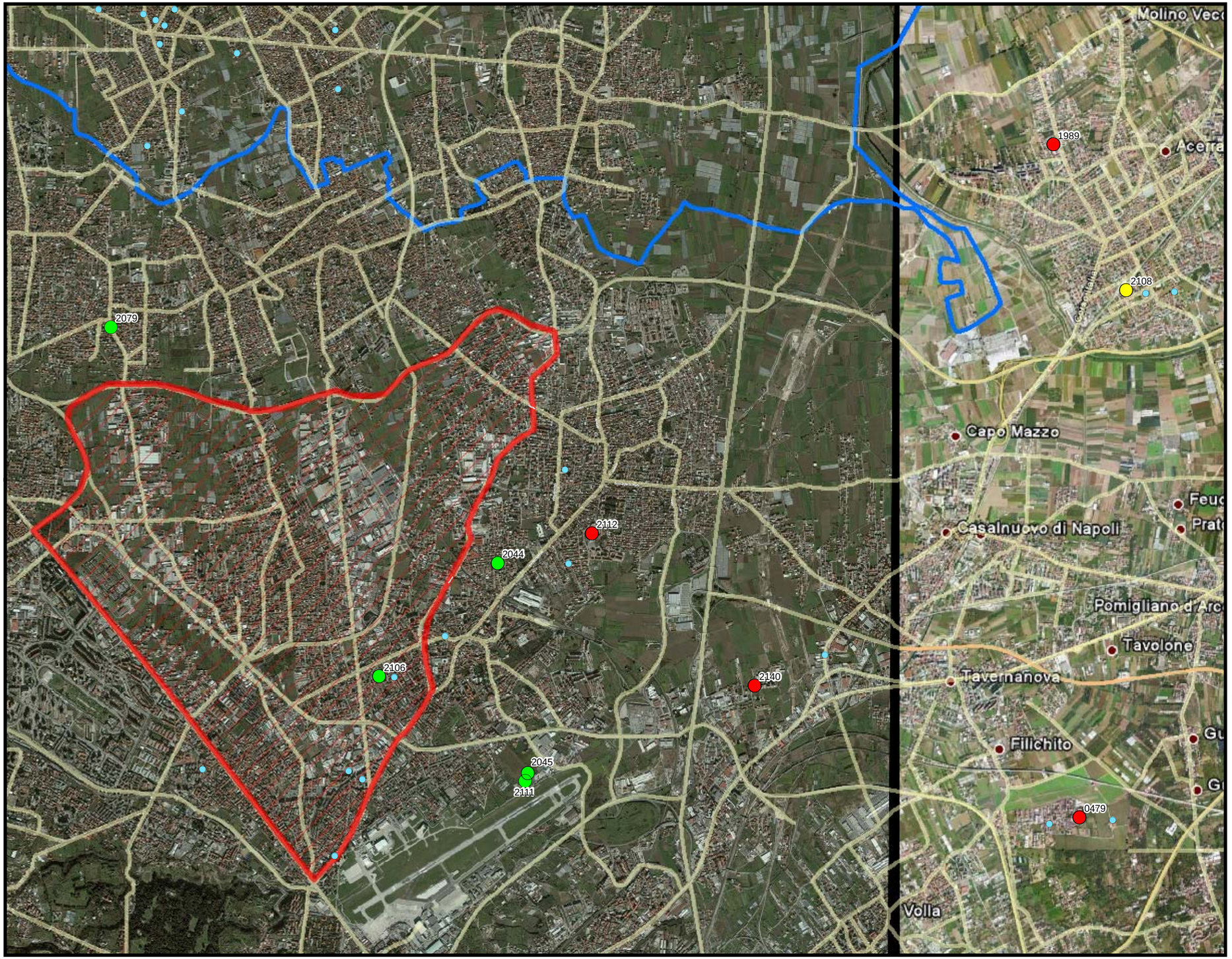
- ASG Concentrations > 95th Percentile Regional AA Concentration
- ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 380 760 1,520 2,280 3,040
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

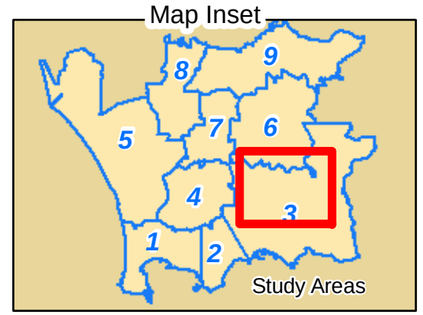
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CTO 0131

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TETRA TECH

Figure 3.10-6
Study Area 3
Comparison of Attenuated ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

- Attenuated ASG Concentrations > 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations Marginally Greater than 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 375 750 1,500 2,250 3,000
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\1500Ft Step Outs\1500 Foot Step Out Zone_Sec3_Area_3_2 Figure 3_10-6.mxd)
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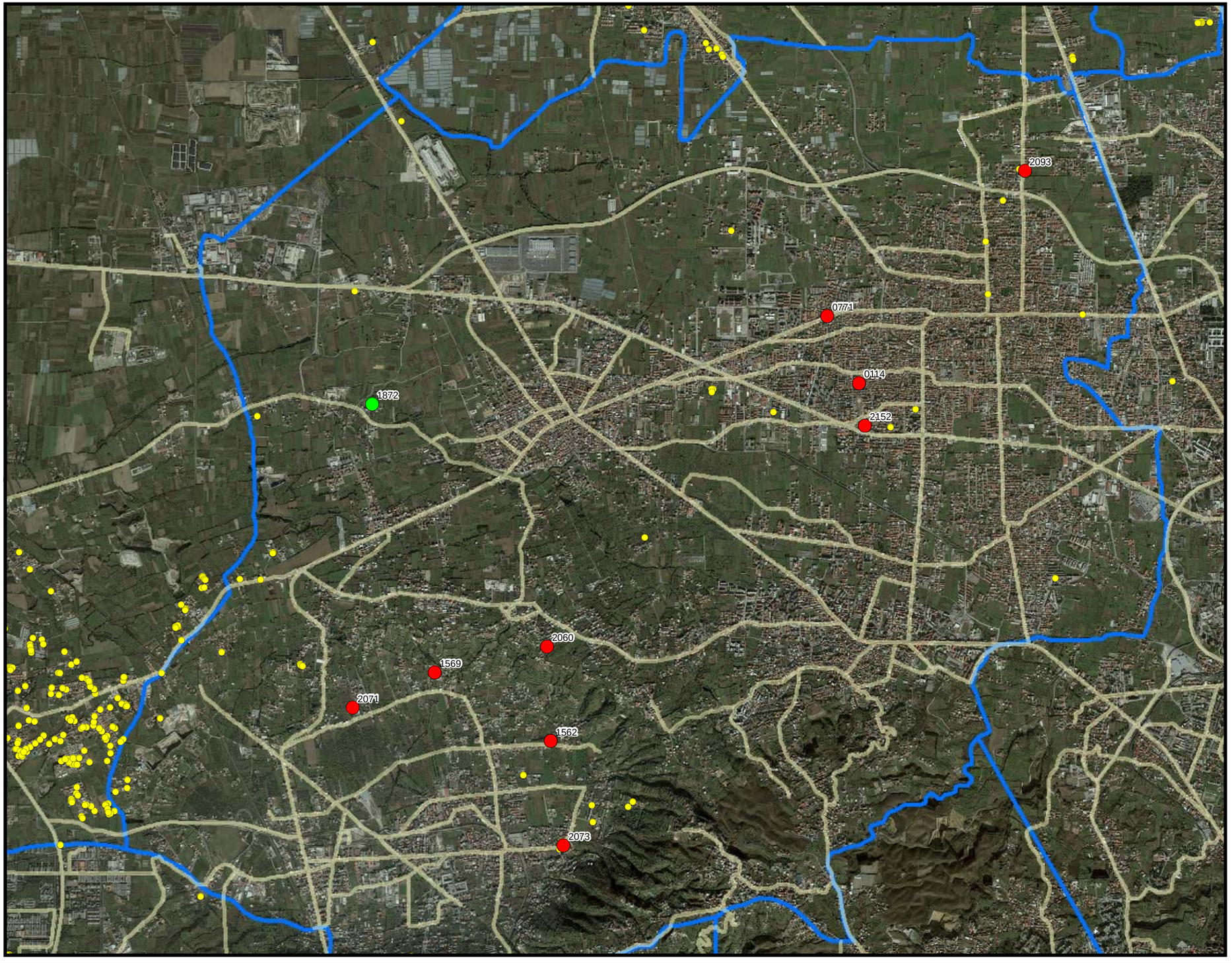
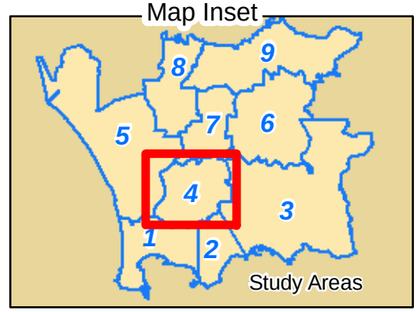


Figure 3.10-7
Study Area 4
Comparison of ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

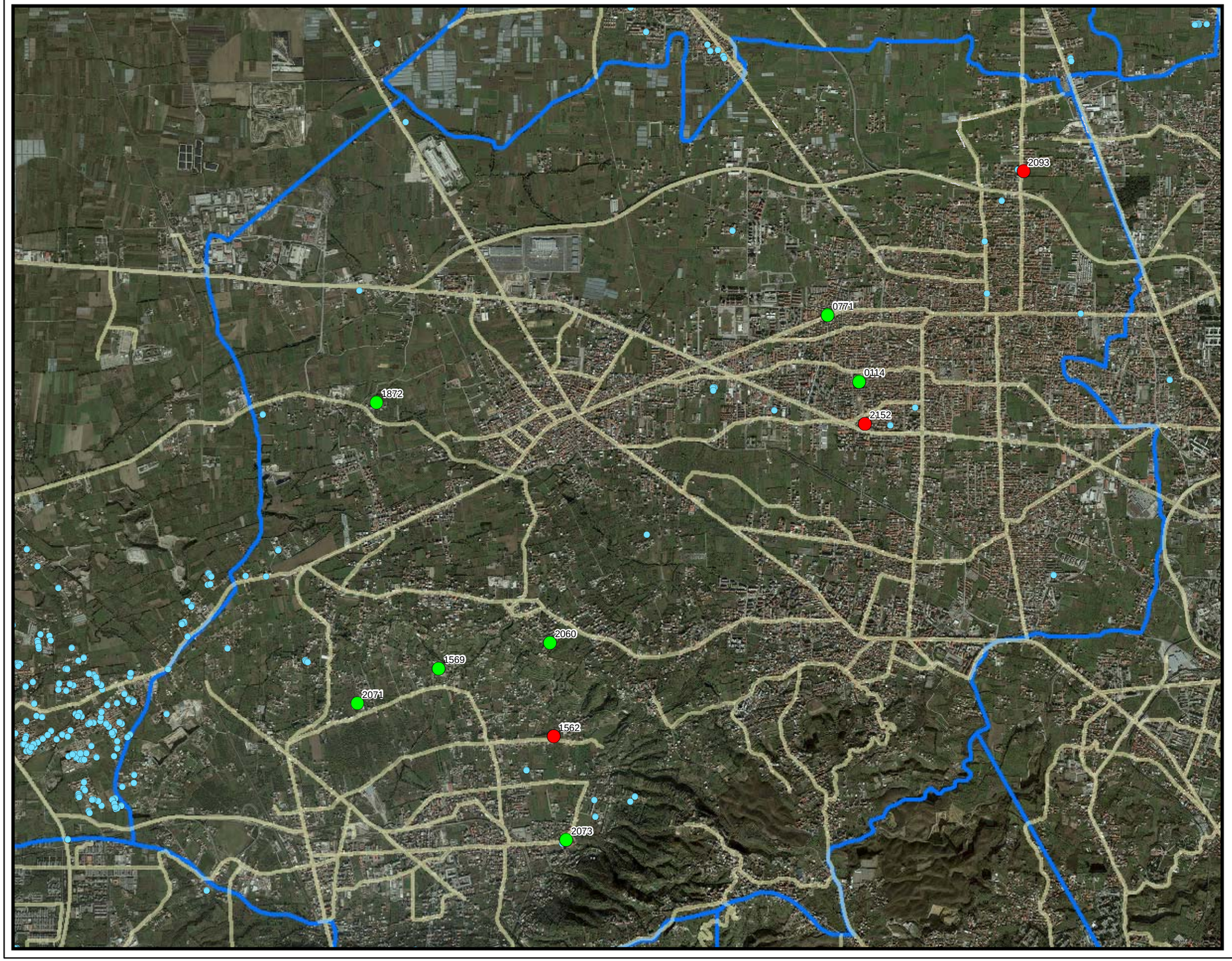
- ASG Concentrations > 95th Percentile Regional AA Concentration
- ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- Major Roads
- Study Area Boundary (1-9)

0 375 750 1,500 2,250 3,000 Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

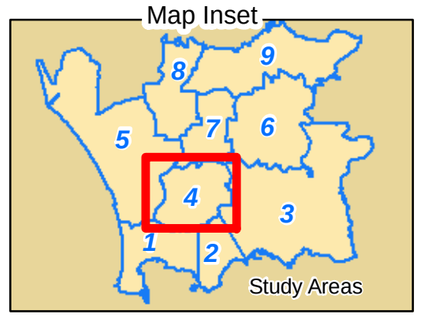
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Figure 3.10-8
Study Area 4
Comparison of Attenuated ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

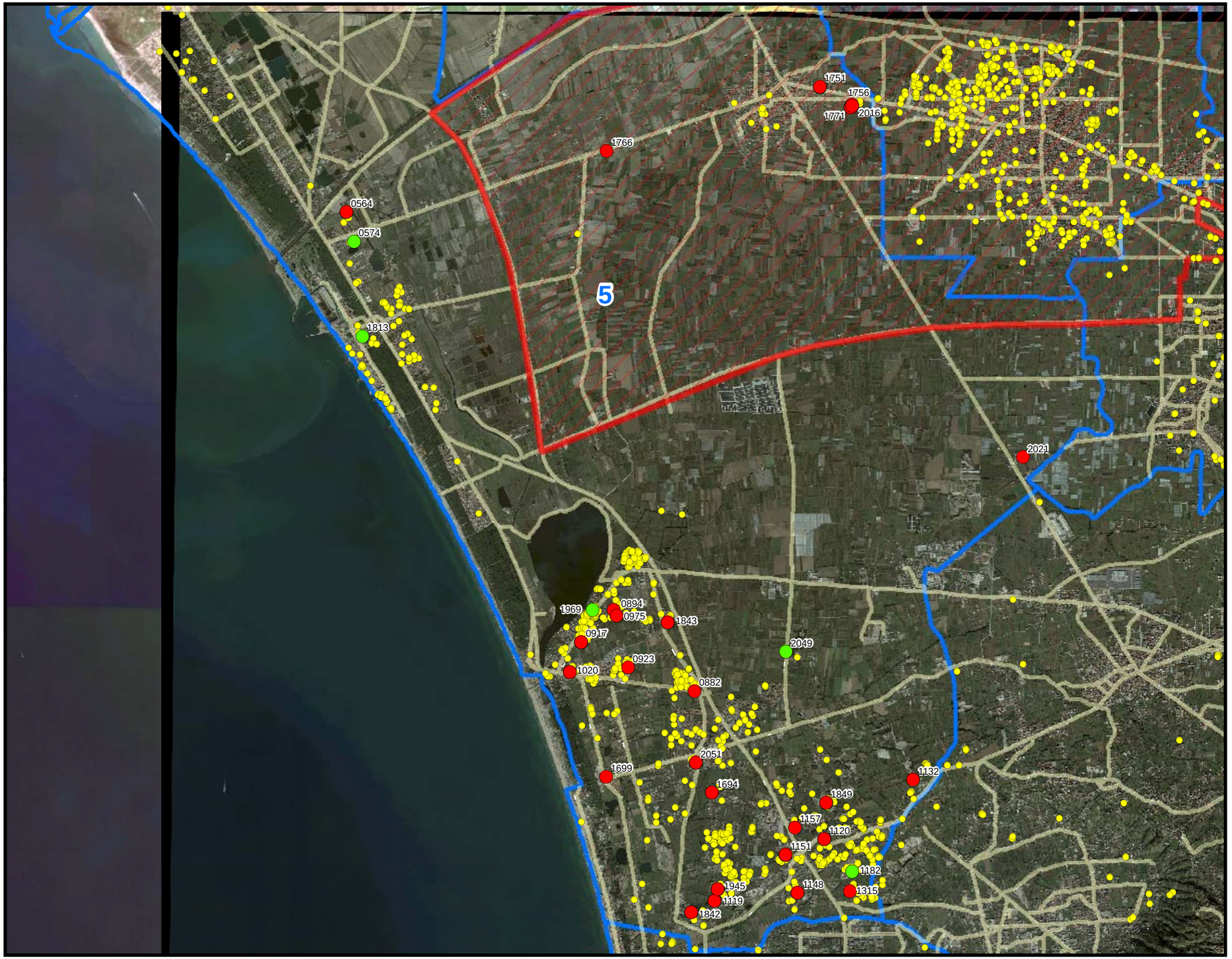
- Attenuated ASG Concentrations > 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- Major Roads
- Study Area Boundary (1-9)

0 375 750 1,500 2,250 3,000
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

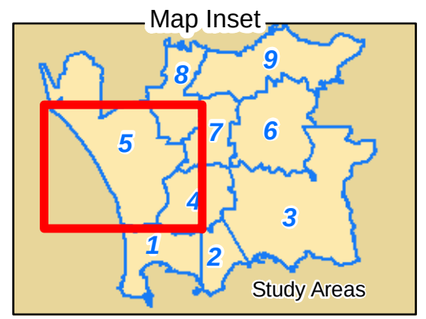
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TETRA TECH

Figure 3.10-9
Study Area 5
Comparison of ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

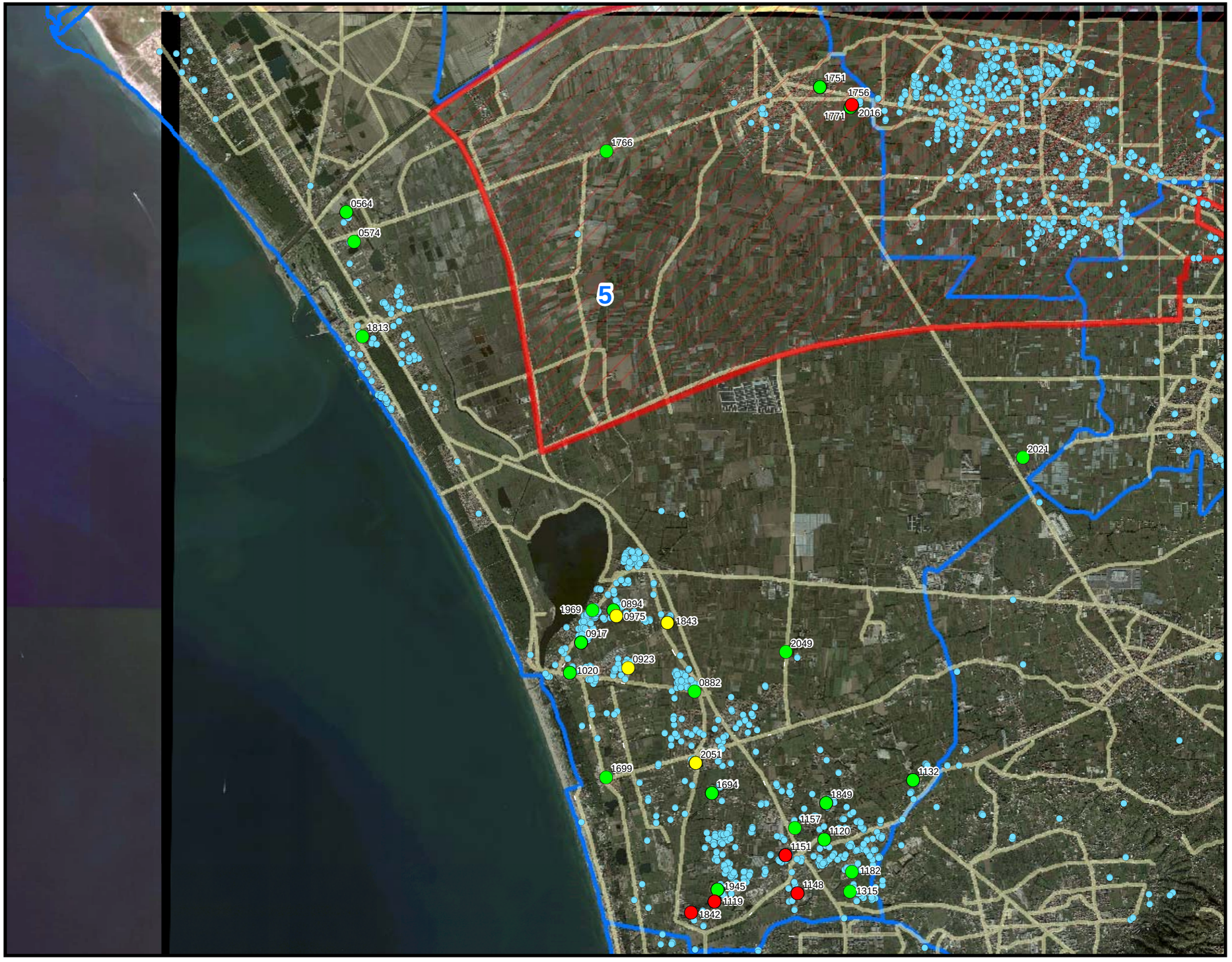
- ASG Concentrations > 95th Percentile Regional AA Concentration
- ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- Major Roads
- New Lease Suspension Zones
- Study Area Boundary (1-9)

0 650 1,300 2,600 3,900 5,200
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

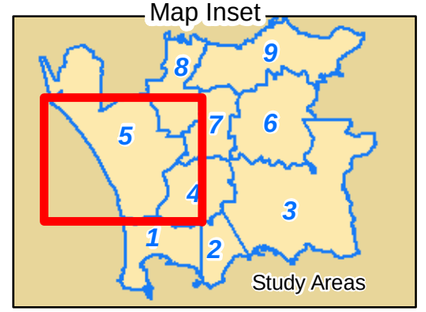
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Figure 3.10-10
Study Area 5
Comparison of Attenuated ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

- Attenuated ASG Concentrations > 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations Marginally Greater than 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 650 1,300 2,600 3,900 5,200
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\1500Ft Step Outs\1500 Foot Step Out Zone_Sec3_Area_5_2 Figure 3_10-10.mxd)
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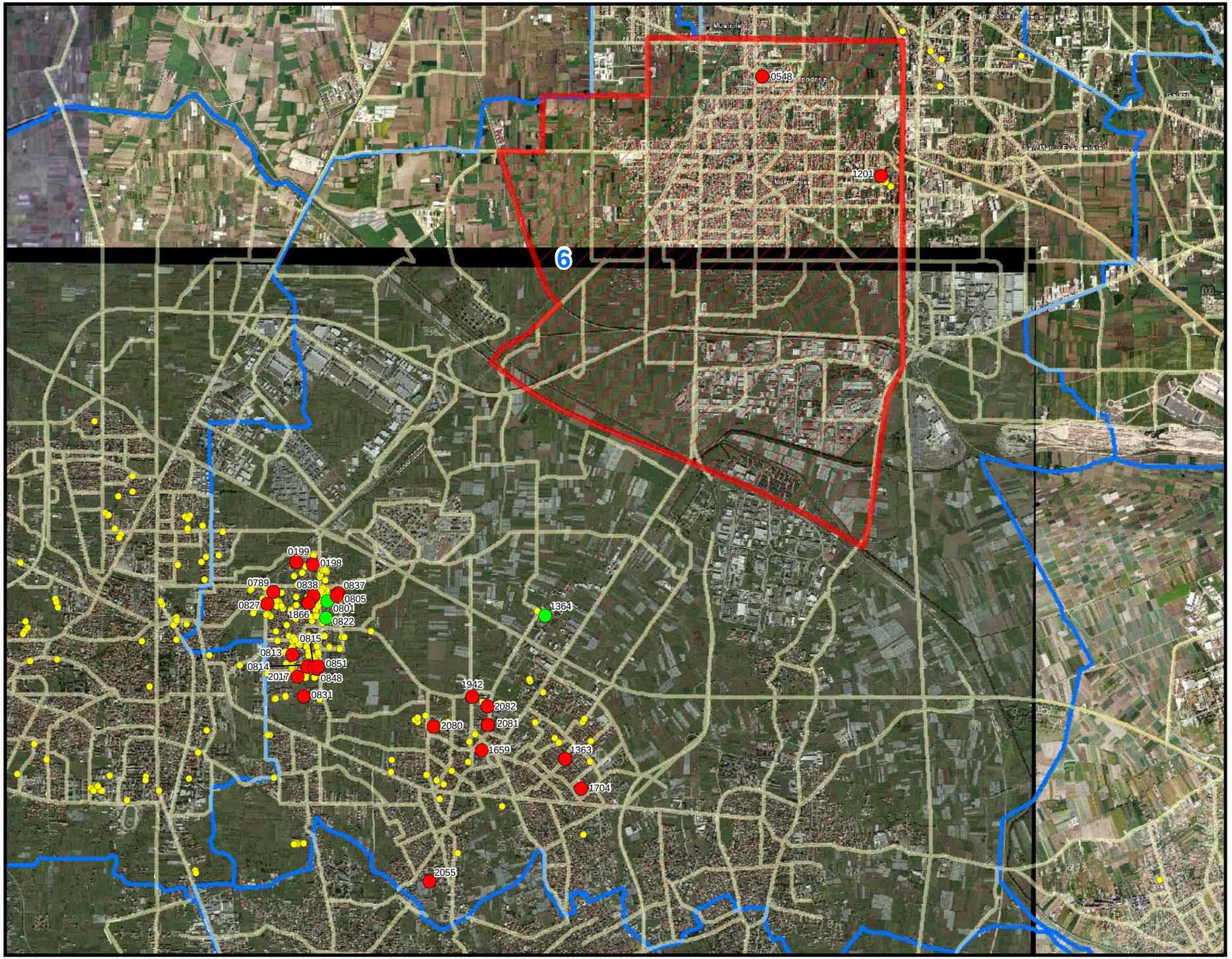
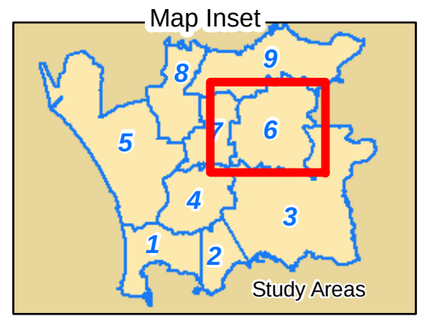


Figure 3.10-11
Study Area 6
Comparison of ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

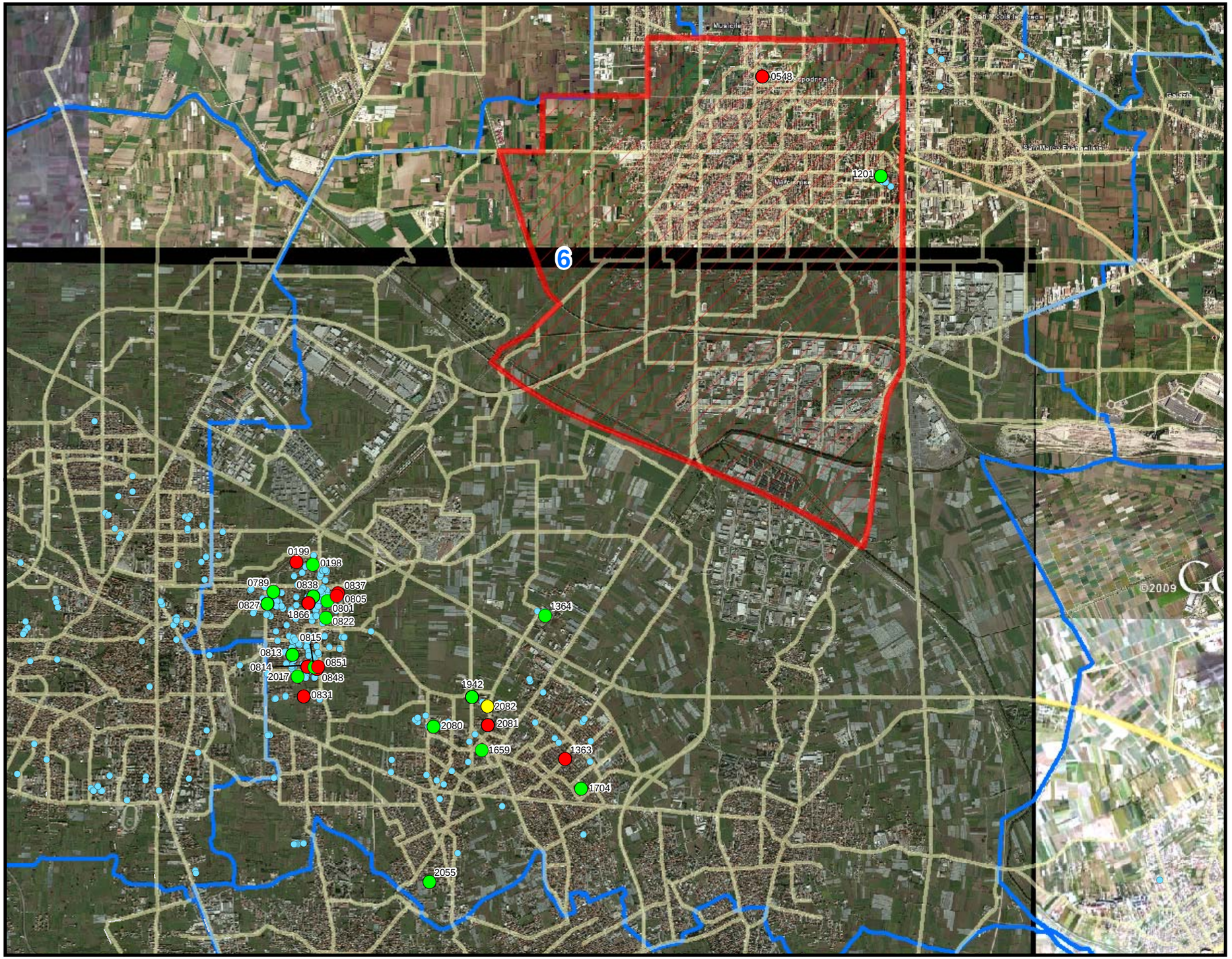
- ASG Concentrations > 95th Percentile Regional AA Concentration
- ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 480 960 1,920 2,880 3,840
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

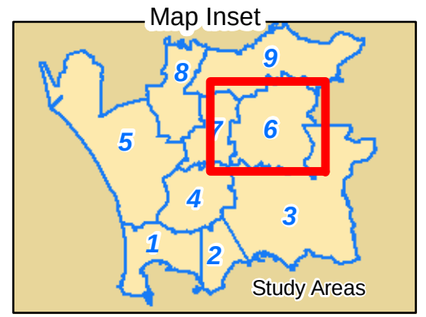
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Figure 3.10-12
Study Area 6
Comparison of Attenuated ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

- Attenuated ASG Concentrations > 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations Marginally Greater than 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 480 960 1,920 2,880 3,840
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\1500Ft Step Outs\1500 Foot Step Out Zone_Sec3_Area_6_2 Figure 3_10-12.mxd)
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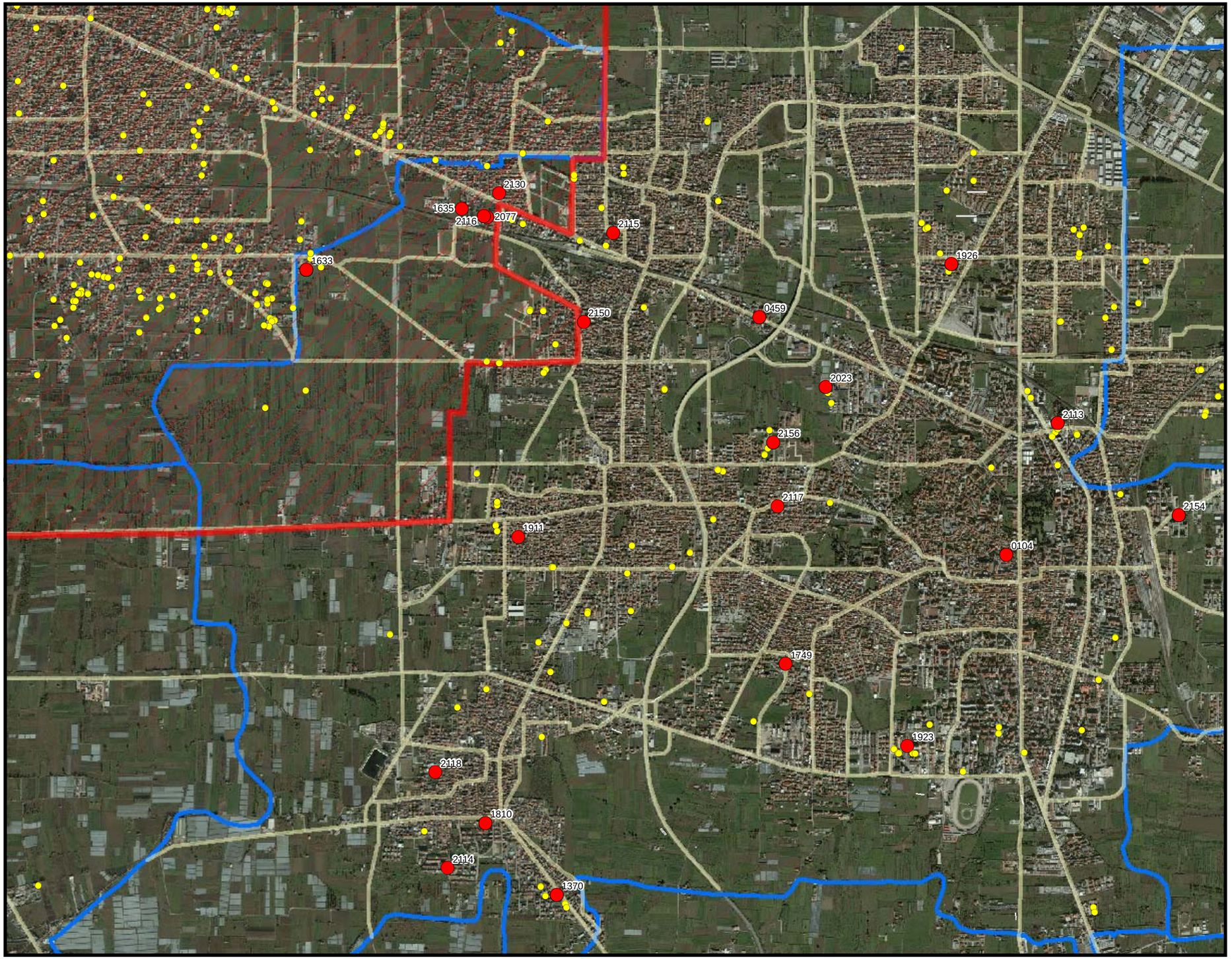
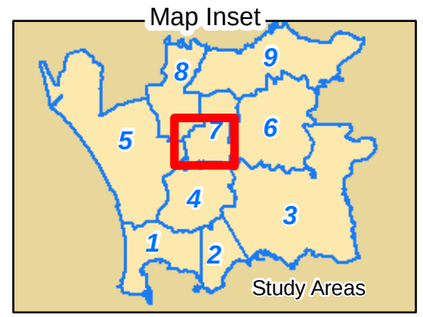


Figure 3.10-13
Study Area 7
Comparison of ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

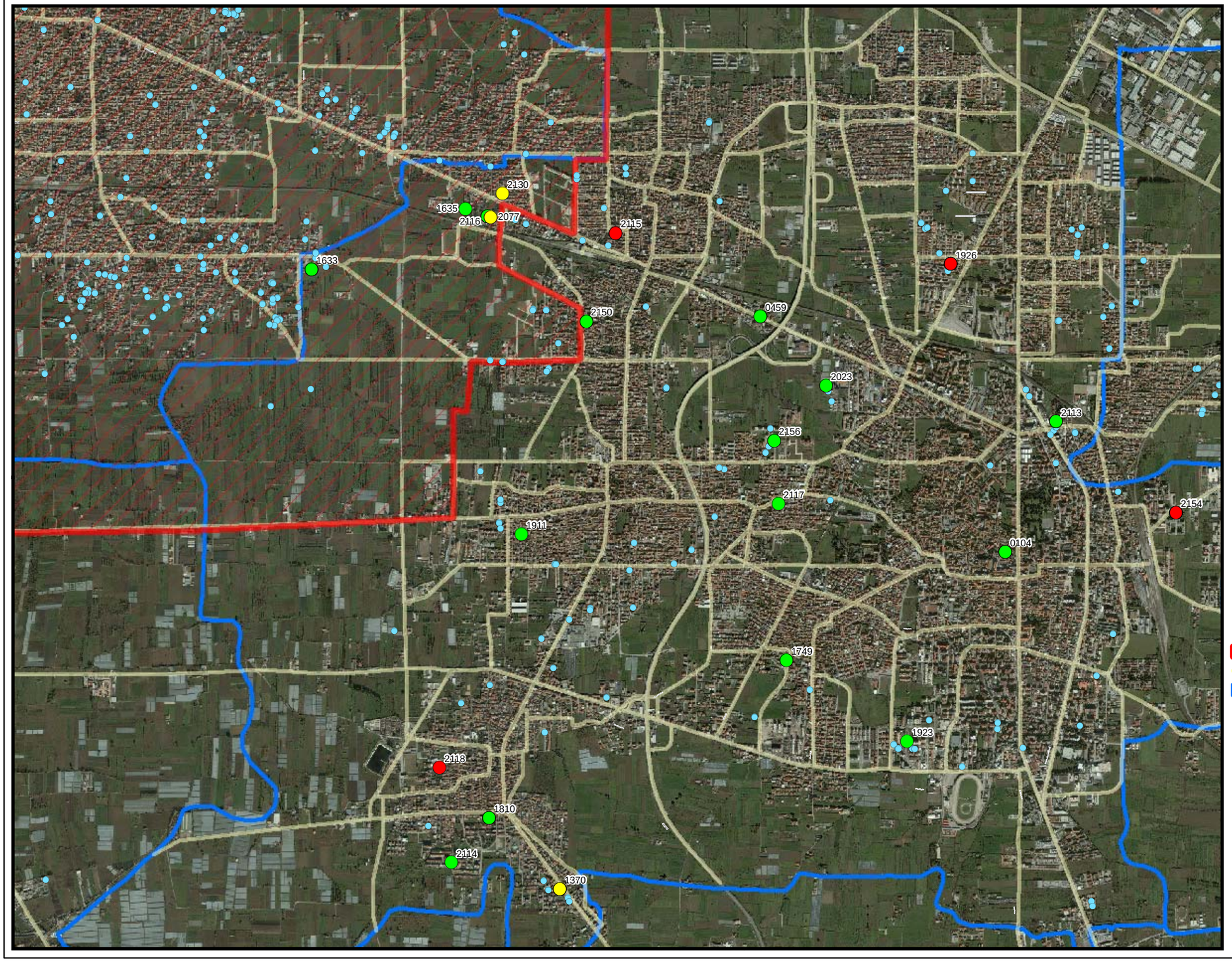
- ASG Concentrations > 95th Percentile Regional AA Concentration
- ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- Major Roads
- New Lease Suspension Zones
- Study Area Boundary (1-9)

0 250 500 1,000 1,500 2,000 Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

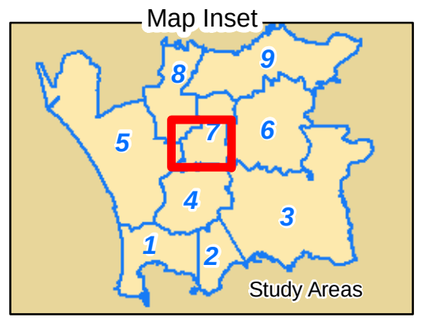
Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE II\PHASE II\1500Ft Step Outs\1500 Foot Step Out Zone_Sec3_Area_7_1 Figure 3_10-13.mxd)
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TETRA TECH

Figure 3.10-14
Study Area 7
Comparison of Attenuated ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

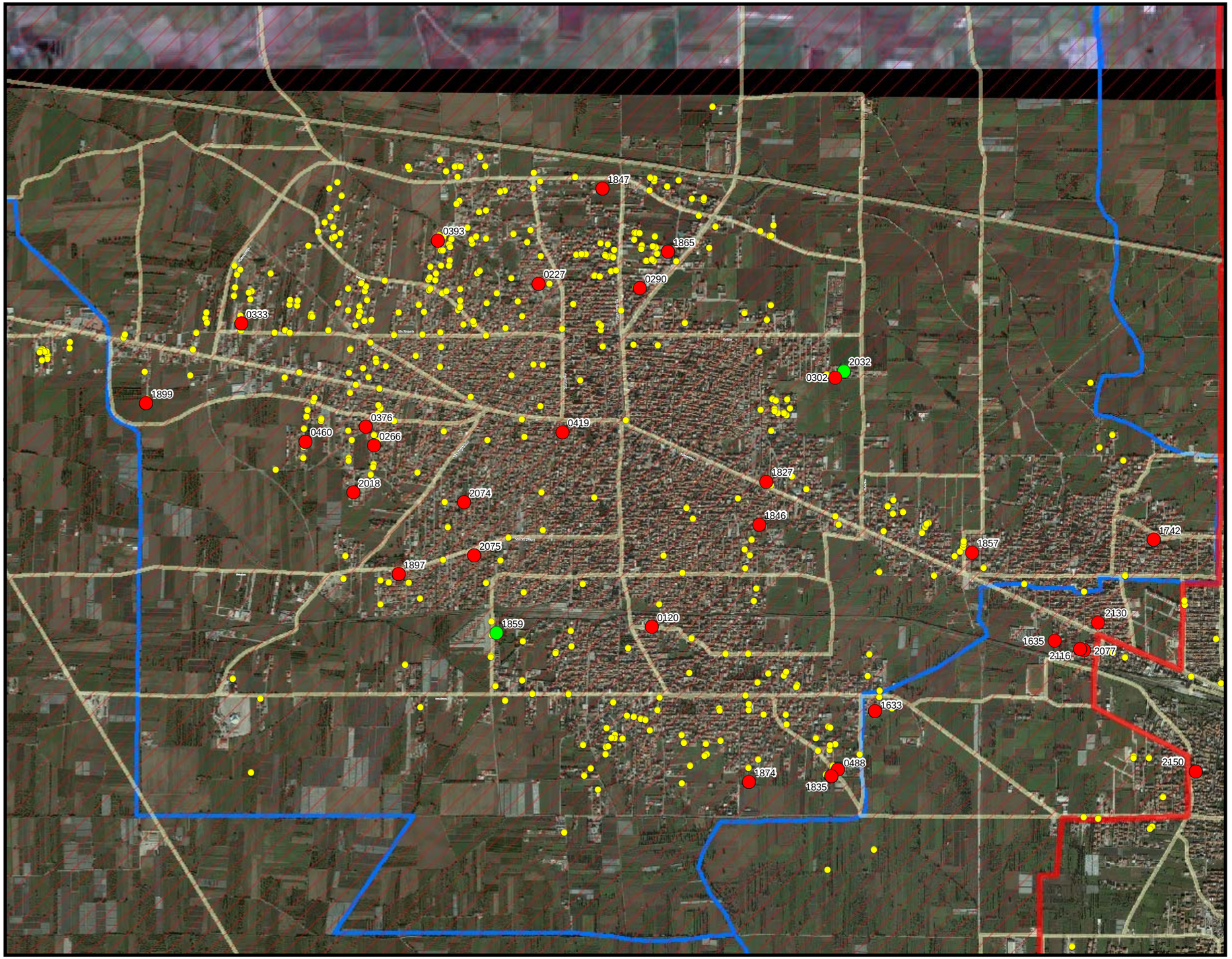
- Attenuated ASG Concentrations > 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations Marginally Greater than 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 250 500 1,000 1,500 2,000 Meters

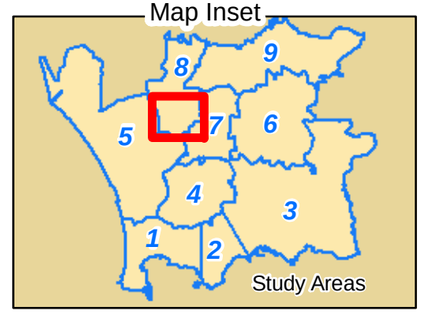
Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

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Map Inset



Legend

- ASG Concentrations > 95th Percentile Regional AA Concentration
- ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- Major Roads
- New Lease Suspension Zones
- Study Area Boundary (1-9)

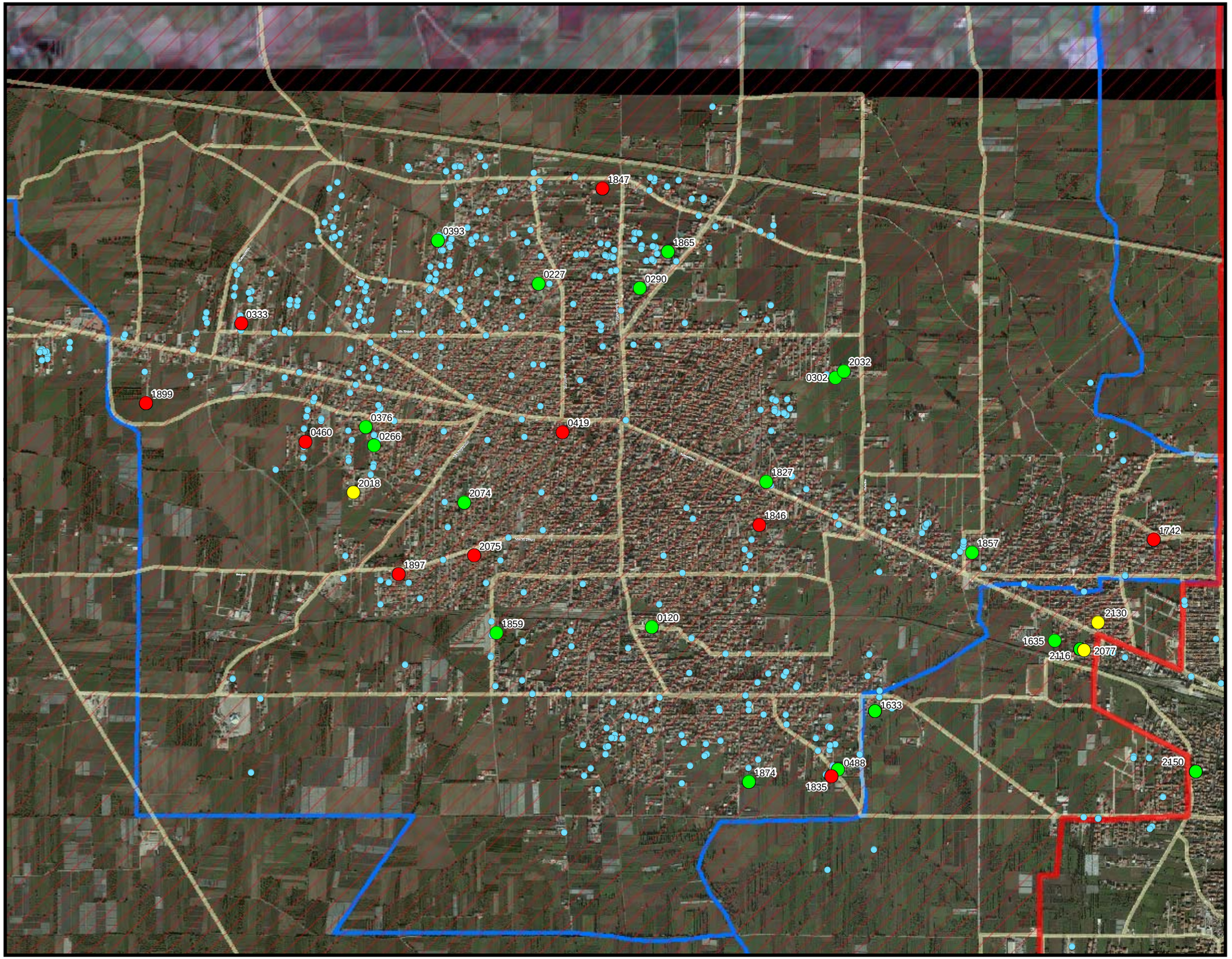
0 225 450 900 1,350 1,800
Meters

Figure 3.10-15
Study Area 8
Comparison of ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

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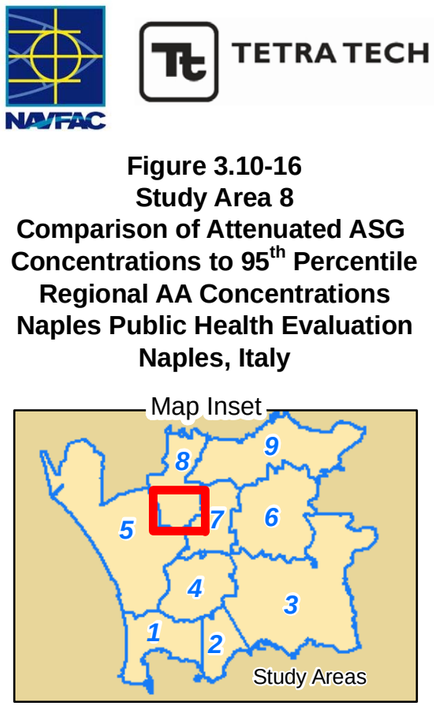


Figure 3.10-16
Study Area 8
Comparison of Attenuated ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy

Legend

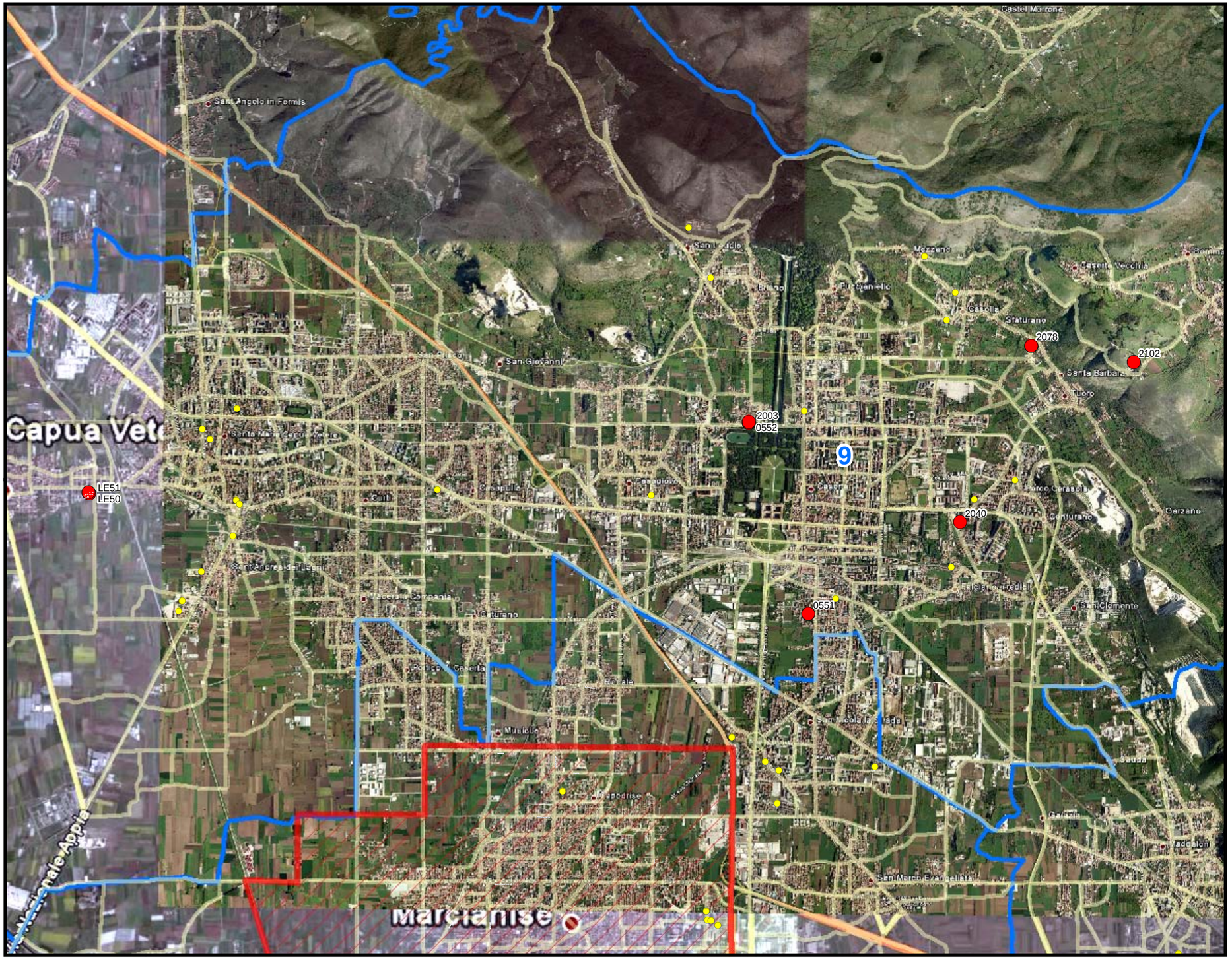
- Attenuated ASG Concentrations > 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations Marginally Greater than 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 225 450 900 1,350 1,800
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

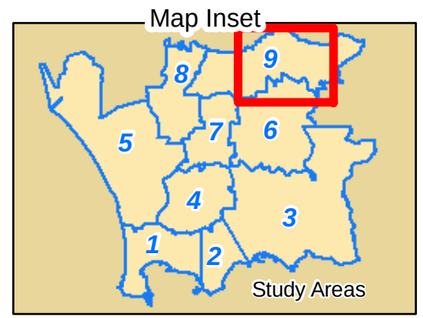
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TETRA TECH

NAVFAC

Figure 3.10-17
Study Area 9
Comparison of ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

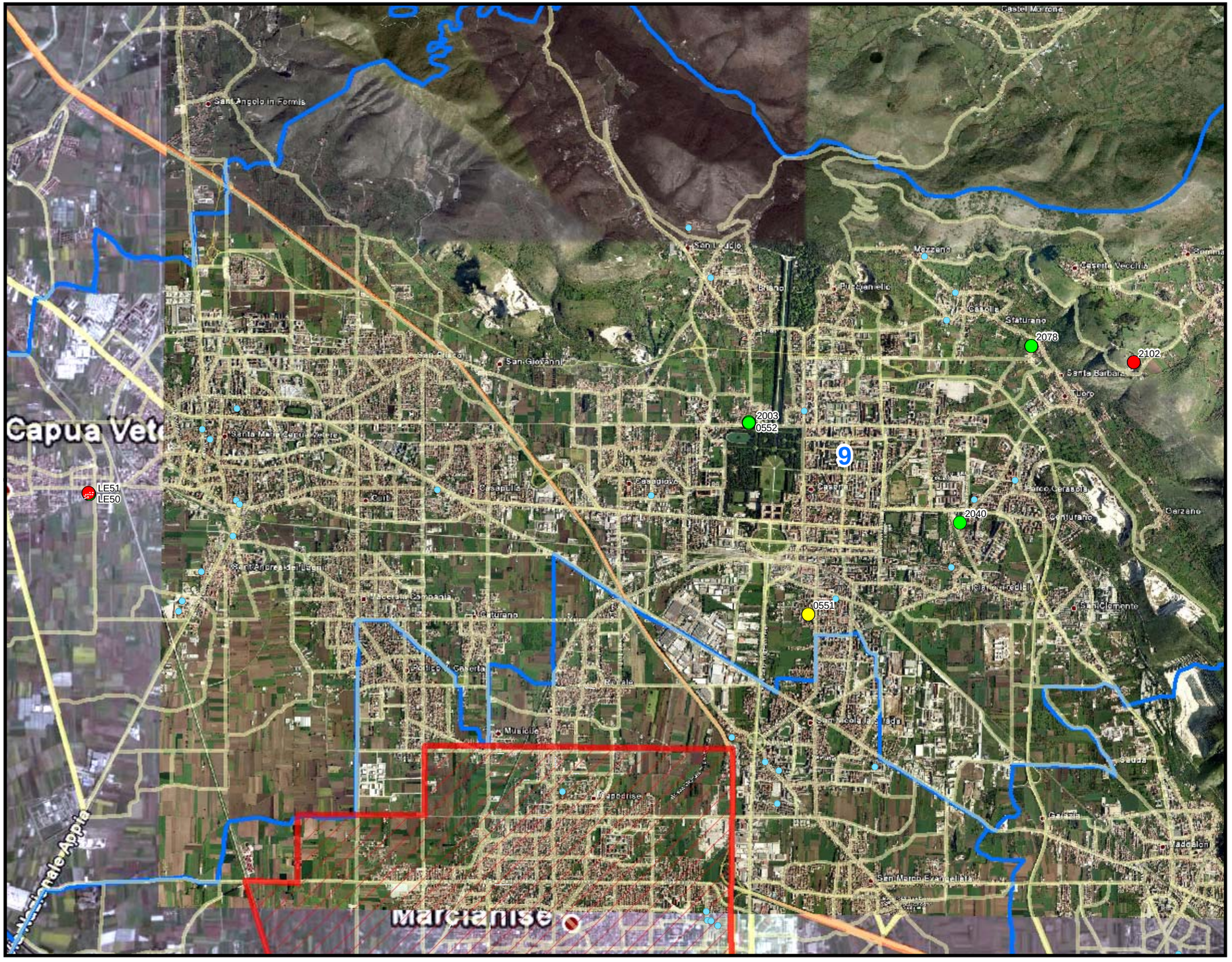
- ASG Concentrations > 95th Percentile Regional AA Concentration
- ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations Not Sampled
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 400 800 1,600 2,400 3,200
Meters

Drawn By: BJ 4 20 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\1500Ft Step Outs\1500 Foot Step Out Zone_Sec3_Area_9_1 Figure 3_10-17.mxd)
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Capua Vet
San Angelo in Formis
San Prisco
San Giovanni
Santa Maria Capua Vetere
Cuti
Casapulla
Cesa
Santa Maria a Vico
Macerata Campania
Ventur
Portico di Caserta
Recale
Municipio
Arpaise
Marcianise
San Nicola la Strada
Garzano
San Clemente
Gricignano
Aversa
Lusciano
Casaluce
Trentola-Ducenta
Parco Carafa
Carinaro
Succivo
Frignano
Orta di Atella
Cesa
Sant'Arpino
Giugliano in Campania
Qualiano
Villaricca
Mugnano di Napoli
Melito di Napoli
Casavatore
Arzano
Casoria
Afragola
Cardito
Crispano
Caivano
Acerra
Pomigliano d'Arco
Castello di Cisterna
Somma Vesuviana
Cercola
Volla
Ercolano
Portici
Torre del Greco
Torre Annunziata
Pompei
Boscoreale
Boscotrecase
Trecase
Terzigno
Ottaviano
San Giuseppe Vesuviano
Palma Campania
Nola
Cimitile
Camposano
Tufino
Marigliano
Scisciano
Visciano
Saviano
Castello di Cisterna
Brusciano
Mariglianella
Sirignano
Quadrelle
Avella
Baiano
San Paolo Bel Sito
Roccarainola
Domicella
Sperone
Mercogliano
Monteforte Irpino
Forino
Avellino
Atripalda
Manocalzati
Montefredane
Pratola Serra
Sant'Angelo a Scala
Summonte
Mugnano del Cardinale

NAVFAC

TETRA TECH

Figure 3.10-19
Overlay of Attenuated ASG Concentration Exceedances of 95th Percentile Regional AA Concentrations on Suspected or Known Dump Sites in Campania

Legend

- Attenuated ASG Concentrations > 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations Marginally Greater than 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations < 95th Percentile Regional AA Concentration
- Dump Sites
- New Lease Suspension Zones
- Study Area Boundary (1-9)

1 Blue number on map indicates Study Area.

0 1,250 2,500 5,000 7,500 10,000
Meters

Drawn By: LR 04/29/2010
Checked By: RK
Approved By: RK

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\ASG_Attenuated_DumpSite.mxd)
4/29/2010 -- 2:36:42 PM

NAVFAC

TETRA TECH

Figure 3.10-20
Overlay of Tap Water Concentration Exceedances of RSLs or MCLs on Suspected or Known Dump Sites in Campania

Legend

- Tap Water Sample Locations Exceeding Criteria
- Tap Water Sample Locations Not Exceeding Criteria
- Dump Sites
- New Lease Suspension Zones
- Study Area Boundary (1-9)

1 Blue number on map indicates Study Area.

0 1,250 2,500 5,000 7,500 10,000 Meters

Drawn By: LR 04/29/2010
Checked By: RK
Approved By: RK

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\Water_DumpSite.mxd)
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4.0 STEP-OUT SAMPLING

As a separate component of the Phase II study, Tetra Tech performed a step-out sampling investigation which involved identifying residential locations within 1,500 feet of Phase I properties sampled in Casal di Principe (Study Area 8) where results indicated a potential groundwater contamination concern. The groundwater investigation was initiated because tap water samples (primarily well water) collected from homes in this area had concentrations of PCE at concentrations greater than EPA RSLs. The Navy's purpose was to identify other homes potentially impacted by the groundwater contamination. The methodology used for this investigation involved "stepping out" from the locations where the groundwater contamination was detected and identifying and sampling other residential properties where U.S. personnel currently or could live that were near these locations.

4.1 500-FOOT STEP-OUT SAMPLING

To determine whether groundwater contamination potentially impacted other homes in the vicinity of these Phase I residential properties with "unacceptable" PCE tap water concentrations, Tetra Tech initially collected tap water at properties located within a 500-foot radius of these "unacceptable" properties. Field personnel collected tap water samples from these 500-foot step-out homes and the laboratory analyzed these water samples for a VOCs, SVOCs, dioxins/furans, pesticides, PCBs, radionuclides, metals, anions, microbiological parameters, and field parameters (**Appendix B**).

All eleven 500-foot step-out properties had concentrations of PCE greater than its MCL, tap water RSL, 100 times the carcinogenic tap water RSL, and the inhalation RSL. All 500-foot step-out properties also had concentrations of arsenic greater than its tap water RSL and 100 times the carcinogenic tap water RSL, but were less than its MCL. All homes had nitrate concentrations exceeding its MCL and all homes had gross beta radioactivity greater than the MCL. Exceedances of the gross beta radioactivity MCL triggered radionuclide speciation, the results of which indicated that the samples were less than MCLs (**Section 9.0**). Copper concentrations exceeded its Action Level and tap water RSL in two samples. All homes had uranium concentrations greater than its carcinogenic RSL (based on radioactivity), but less than its MCL (**Table 4-1**). The samples had detections of other VOCs such as chloroform, cis-1,2-dichloroethene, and TCE, but concentrations did not exceed health-based screening criteria. Dioxins/furans, bis(2-ethylhexyl)phthalate, and metals were also detected in these samples at concentrations less than health-based screening criteria.

As a result of the 500-foot step-out sampling, all 11 properties were found to be "unacceptable" because contaminant concentrations exceeded MCLs. As a result of these findings, the Project Team decided to expand the step-out sampling to a radius of 1,500 feet.

4.2 1,500-FOOT STEP-OUT SAMPLING

Because all of the 500-step out homes had concentrations of contaminants exceeding acceptable levels, the Project Team decided to expand the sampling radius to 1,500 feet from the unacceptable 500-foot step-out properties (**Figure 4-1**). The field team collected water samples from 15 1,500-foot step-out properties, eight of which came from the tap (**Table 4-2**) and seven of which came from an irrigation well (**Table 4-3**). Irrigation well data provides an indication of what is present in the groundwater. The Project Team, based on results from the initial "unacceptable" Phase I properties and the 500-foot step-out homes, limited laboratory analyses to VOCs and field parameters (e.g. chlorine, pH).

All eight tap water samples had PCE concentrations greater than its tap water and inhalation RSLs, and two of the eight samples had PCE concentrations greater than its MCL and 100 times its carcinogenic tap water RSL (**Table 4-2**). Six of the seven irrigation well samples had PCE concentrations greater than its tap water and inhalation RSLs, four of the samples had PCE concentrations greater than its MCL, and two of the samples had PCE concentrations greater than 100 times the carcinogenic tap water RSL (**Table 4-3**). Acetone was detected in tap water samples, cis-1,2-dichloroethene was detected in the irrigation well samples, and chloroform and TCE were detected in both types of water samples. However, none of these chemicals was present at concentrations greater than risk-based screening criteria. Although it is unlikely that residents are drinking water from their irrigation wells, the comparison of the data to risk-based criteria provides context for the data in the event the groundwater is blended for household use. As a result of the 1,500-foot step-out sampling, 6 of the 15 properties were found to "unacceptable" because contaminant concentrations exceeded MCLs.

As the investigation continued, it became evident that the Italian property owners at several *comuni* had converted residences within the 1,500-foot step-out zone to municipal water supplies. Therefore, collection of tap water samples at residential properties within this step-out radius in an attempt to evaluate groundwater became unnecessary. As a result, the Project Team decided to stop collection of tap water from properties unless there was evidence that private source was still available (e.g., irrigation well).

Field personnel also collected ASG samples at 25 residences within the 1,500-foot step-out area, including at the 15 residences where they previously collected water samples. Beginning in June 2009, the Project Team recommended that field personnel begin collecting ambient air (AA) samples concurrent with ASG samples to provide an additional line of evidence for evaluating data. Both AA and ASG samples were collected at eleven 1,500-foot step-out properties.

Several VOCs were detected at concentrations greater than their ASG RSLs. The ASG RSLs are equal to ten times the residential air RSLs to account for a ten-fold attenuation associated with vapor intrusion between soil gas concentrations and indoor air concentrations. Of the 25 residences sampled, concentrations of PCE, acrolein, benzene, chloroform, and ethylbenzene were greater than ASG RSLs at more than five residences. PCE was prevalent, i.e., concentrations greater than the ASG RSL at 23 of 25 residences (**Table 4-4**). PCE was also present in soil gas at concentrations greater than the 95th percentile regional AA concentrations (**Table 4-5**) collected during the Phase II air sampling investigation (**Section 2.0**), Of the 25 sampled residences, 23 residences had at least one contaminant with an ASG concentration greater than the 95th percentile regional AA concentration. When applying the attenuation factor to the soil gas concentration and comparing it to the 95th percentile regional AA concentration, this total is reduced to 13 of the 25 residences. Of those 13, four had marginal exceedances. One of these four residences (0374) has a chloroform concentration that exceeds the 95th percentile regional AA concentration, but the chloroform could be attributable to disinfectant byproducts in municipal water. Four of the residences (0225, 0374, 0410, and 0462) have contaminant concentrations less than two times greater than the 95th percentile regional AA concentration, which could be within the margin of error for laboratory analysis. **Figure 4-2** illustrates these comparisons to regional ambient air concentrations.

4.3 SUMMARY OF 1,500-FOOT STEP-OUT SAMPLING

PCE was prevalent at concentrations greater than screening criteria in the water and soil gas. At all properties where PCE was detected in water at concentrations greater than its tap water RSL, PCE was also detected in soil gas at concentrations greater than its soil gas RSL. At all properties where PCE was detected in water at concentrations greater than its MCL, PCE was also detected in soil gas at concentrations greater than ten times its soil gas RSL.

TABLE 4-1

500-FOOT STEP-OUT HOMES
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0244	0246	0250	0270	0332	0366	0368	0388
Sample ID						0244TW001	0246TW001	0250TW001	0270TW001	0332TW001	0366TW001	0368TW001	0388TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	POST-PHASE I 500 FT RADIUS	POST-PHASE I 500 FT RADIUS	POST-PHASE I 500 FT RADIUS	POST-PHASE I 500 FT RADIUS	POST-PHASE I 500 FT RADIUS	POST-PHASE I 500 FT RADIUS	POST-PHASE I 500 FT RADIUS	POST-PHASE I 500 FT RADIUS
Sample Date						20080927	20080923	20080925	20081003	20080922	20080922	20080926	20080930
Study Area						STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID						6132215212020	6132215214032	6132225902120	6132216800080	6132211602052	6132215214030	6132215214013	6132241001280
Likely Water Source						WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
Shaded cell indicates exceedances of screening level													
Blank Cells indicate that parameter was not analyzed.													
Dioxins/Furans (ng/L)													
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00037 U	0.00031 U	0.00036 J	0.00072 U	0.00041 J	0.00043 U	0.00039 U	0.00029 J
SUM 17 CONGENERS	NC	NC	NC	NC	NC					0.023	0.035		
TEQ	NC	0.00052	0.052	0.37	NC	0.00037 U	0.00031 U	0.00036	0.00072 U	0.00041	0.00043 U	0.00039 U	0.00029
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0025 J	0.0022 J	0.0031 J	0.005 U	0.002 J	0.0028 J	0.0017 J	0.0032 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.016 J	0.0027 U	0.0039 J	0.0045 J	0.0045 J	0.0074 J	0.02 J	0.0051 J
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0074 J	0.0019 J	0.0019 J	0.008523 U	0.001909 U	0.002 J	0.0076 J	0.00164 U
TOTAL PECDD	NC	NC	NC	NC	NC	0.00044 U	0.000382 J	0.00046 U	0.000993 U	0.00048 U	0.0005 U	0.000531 U	0.00067 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.0019 J	0.00093 J	0.0018 J	0.00075 J	0.00095 J	0.0013 J	0.0014 J	0.0011 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.0011 U	0.000932 U	0.0011 U	0.0022 U	0.001217 U	0.0013 U	0.0012 J	0.0013 J
TOTAL TCDF	NC	NC	NC	NC	NC	0.0017 J	0.00065 J	0.0017 J	0.001441 U	0.00041 J	0.00069 J	0.0014 J	0.0011 J
Volatile Organics (ug/L)													
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.109 J	0.141 J	0.146 J	0.15 J	0.136 J	0.178 J	0.111 J
CIS-1,2-DICHLOROETHENE	70	370	NC	3700	NC	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.173 J
TETRACHLOROETHENE	5	0.11	11	2200	0.82	**32.6 [F] [R] [C] [IN**	**44 [F] [R] [C] [I**	**25.2 [F] [R] [C] [I**	**11.9 [F] [R] [C] [I**	**44.8 [F] [R] [C] [I**	**43.5 [F] [R] [C] [I**	**94.2 [F] [R] [C] [I**	**65.2 [F] [R] [C] [I**
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.149 J	0.195 J	0.13 U	0.134 J	0.13 U	0.234 J	0.227 J
Semivolatile Organics (ug/L)													
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC	1.33 U	1.35 U	1.41 U	1.62 J	1.67 J	1.33 U	1.39 U	4.58 J
Radiological Parameters (pci/L)													
GROSS ALPHA	15	NC	NC	NC	NC	3.5	4.1	6.2	7.6	5.4	4.1	7.3	4.9
GROSS BETA	8	NC	NC	NC	NC	**47 [F]**	**47.6 [F]**	**59.5 [F]**	**48.1 [F]**	**59.7 [F]**	**53.8 [F]**	**52.4 [F]**	**53.5 [F]**
Inorganics (ug/L)													
ALUMINUM	NC	37000	NC	370000	NC	2.2 U	2.63	3	2.48	4.85	2.77	6.66	2.2 U
ANTIMONY	6	15	NC	150	NC	0.223	0.323	0.216	0.193	0.234	0.243	0.297	0.236
ARSENIC	10	0.045	4.5	110	NC	**6 [R] [C]**	**4.76 [R] [C]**	**5.35 [R] [C]**	**5.67 [R] [C]**	**4.82 [R] [C]**	**5.09 [R] [C]**	**5.52 [R] [C]**	**5.11 [R] [C]**
BARIUM	2000	7300	NC	73000	NC	6.92	4.69	7.35	3.99	7.13	3.74	6.71	6.53
BERYLLIUM	4	73	NC	730	NC	0.16	0.0449	0.211	0.135	0.162	0.131	0.133	0.148
CADMIUM	5	18	NC	180	NC	0.0694	0.0642	0.04 U	0.04 U	0.0831	0.0649	0.0972	0.143
CHROMIUM	30	100	NC	NC	NC	3.41	0.499	0.675	1.81	0.775	1.15	1.01	1.31
COBALT	NC	11	NC	110	NC	0.107	0.102	0.12	0.11	0.14	0.107	0.146	0.198
COPPER	1300	1500	NC	15000	NC	47.8	**2470 [F] [R]**	113	7.62	74.8	14.1	624	127
IRON	NC	26000	NC	260000	NC	19.2	14	21.8	6.6	11.9	18.6	19.7	73.1
LEAD	15	NC	NC	NC	NC	0.365	1.38	0.688	0.473	1.33	0.904	1.84	2.84
MANGANESE	NC	880	NC	8800	NC	0.698	1.6	0.686	0.381	1.95	2.44	1.19	4.41
NICKEL	NC	730	NC	7300	NC	1.94	2.09	1.68	0.651	3.16	3.05	2.87	18.2
SELENIUM	50	180	NC	1800	NC	0.527	0.784	1.46	0.551	0.671	0.728	0.833	0.642
TIN	NC	22000	NC	220000	NC	0.1 U	0.298 U	0.329	0.132	0.182 U	0.109 U	0.269 U	0.1 U
URANIUM	30	1.63	163	1100	NC	**9.87**	**8.33**	**13.2**	**9.43**	**10.5**	**9.34**	**11.2**	**13**
VANADIUM	NC	180	NC	2600	NC	13.2	10.9	11.9	14.1	12.6	13.7	14.1	11.6
ZINC	NC	11000	NC	110000	NC	67.7	877	115	25.7	509	164	396	2160
Microbiological Parameters (CFU/1)													
FECAL COLIFORM	0	NC	NC	NC	NC	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
FECAL STREPTOCOCCUS	0	NC	NC	NC	NC		10			0	0		
PLATE COUNT	500	NC	NC	NC	NC		290			**1210 [F]**	48		
TOTAL COLIFORM	0	NC	NC	NC	NC	4.2	53.1	2	3.1	13.7	1	3.1	6.4
Miscellaneous Parameters (mg/L)													
CHLORIDE	NC	NC	NC	NC	NC	70.8	67.1	79.8	77	71.6	68.9	83.3	76.9
FLUORIDE	4	NC	NC	NC	NC	0.979	0.999	0.979	1.02	0.949	0.927	1.14	1.02
NITRATE	44.3	255.2	NC	580	NC	**87.8 J [F]**	**92.8 J [F]**	**101 [F]**	**101 J [F]**	**96 [F]**	**95.7 [F]**	**103 J [F]**	**92.9 J [F]**
SULFATE	NC	NC	NC	NC	NC	66	62.1	67.3	65.9	65.6	64.6	72.1	68.1
Field Parameters													
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.08	0.02	0	0	0	0.02	0.06	0.02
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	5.33	6.32	4.98	5.2	4.93	4.84	4.61	3.88
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	284	309	238	294	234	86	340	271
PH (S.U.)	NC	NC	NC	NC	NC	7.22	6.53	7.08	7.08	7.2	6.98	7.05	7.08
SALINITY (%)	NC	NC	NC	NC	NC	0	0	0.1	0.1	0	0	0	0
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	1	110	1.2	1.1	1	1	1.1	0.94
TEMPERATURE (C)	NC	NC	NC	NC	NC	19.86	18.6	19.74	20.1	20.5	20.5	20.41	18.88
TURBIDITY (NTU)	NC	NC	NC	NC	NC								

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 4-1

500-FOOT STEP-OUT HOMES
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0409	0409	0409	0411	0454
Sample ID						0409TW001	0409TW001-AVG	0409TW001-D	0411TW001	0454TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	POST-PHASE I 500 FT RADIUS	POST-PHASE I 500 FT RADIUS	POST-PHASE I 500 FT RADIUS	POST-PHASE I 500 FT RADIUS	POST-PHASE I 500 FT RADIUS
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20080924	20080924	20080924	20080930	20080925
Study Area						STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID						6132211002020	6132211002020	6132211002020	6132215202043	6132211602108
Likely Water Source						WELL	WELL	WELL	WELL	WELL
Shaded cell indicates exceedances of screening level										
Blank Cells indicate that parameter was not analyzed.										
Dioxins/Furans (ng/L)										
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.000264 U	0.000332 U	0.0004 U	0.00036 U	0.00034 U
SUM 17 CONGENERS	NC	NC	NC	NC	NC					
TEQ	NC	0.00052	0.052	0.37	NC	0.000264 U	0.000332 U	0.0004 U	0.00036 U	0.00034 U
TOTAL HPCDD	NC	NC	NC	NC	NC	0.002 J	0.0019 J	0.0018 J	0.002 J	0.0022 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0038 J	0.0064 J	0.009 J	0.017 J	0.0072 J
TOTAL HXCDF	NC	NC	NC	NC	NC	0.0013 U	0.002425 J	0.0042 J	0.005 J	0.0016 J
TOTAL PECDD	NC	NC	NC	NC	NC	0.00041 U	0.000455 U	0.0005 U	0.000504 U	0.000362 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.001 J	0.00125 J	0.0015 J	0.002 J	0.001 J
TOTAL TCDD	NC	NC	NC	NC	NC	0.000793 U	0.000997 U	0.0012 U	0.0011 U	0.001014 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.00038 J	0.00069 J	0.001 J	0.0017 J	0.00072 J
Volatile Organics (ug/L)										
CHLOROFORM	80	0.19	19	1300	0.21	0.15 J	0.1385 J	0.127 J	0.12 J	0.09 U
CIS-1,2-DICHLOROETHENE	70	370	NC	3700	NC	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	**37.6 [F] [R] [C] [I**	**37.25 [F] [R] [C] [I**	**36.9 [F] [R] [C] [I**	**12.7 [F] [R] [C] [I**	**52 [F] [R] [C] [I**
TRICHLOROETHENE	5	2	200	NC	2.4	0.169 J	0.1695 J	0.17 J	0.13 U	0.13 U
Semivolatile Organics (ug/L)										
BIS(2-ETHYLHEXYL)PHTHALATE	6	4.8	480	7300	NC	1.36 U	1.36 U	1.36 U	1.35 U	1.35 U
Radiological Parameters (pci/L)										
GROSS ALPHA	15	NC	NC	NC	NC	6.2	5.95	5.7	5.1	7.8
GROSS BETA	8	NC	NC	NC	NC	**53.5 [F]**	**53.35 [F]**	**53.2 [F]**	**46.5 [F]**	**63 [F]**
Inorganics (ug/L)										
ALUMINUM	NC	37000	NC	370000	NC	3.67	3.375	3.08	2.2 U	3.54
ANTIMONY	6	15	NC	150	NC	0.244	0.2515	0.259	0.229	0.266
ARSENIC	10	0.045	4.5	110	NC	**4.63 [R] [C]**	**4.82 [R] [C]**	**5.01 [R] [C]**	**5.45 [R] [C]**	**5.54 [R] [C]**
BARIUM	2000	7300	NC	73000	NC	6.41	6.4	6.39	5.08	6.61
BERYLLIUM	4	73	NC	730	NC	0.12	0.1175	0.115	0.166	0.0895
CADMIUM	5	18	NC	180	NC	0.0459	0.05095	0.056	0.25	0.108
CHROMIUM	30	100	NC	NC	NC	0.948	0.84	0.732	0.478	0.15 U
COBALT	NC	11	NC	110	NC	0.175	0.1575	0.14	0.111	0.169
COPPER	1300	1500	NC	15000	NC	**1560 [F] [R]**	1148	736	1190	73.4
IRON	NC	26000	NC	260000	NC	62.9	68.95	75	7.54	41.4
LEAD	15	NC	NC	NC	NC	1.55	1.85	2.15	3.86	2.21
MANGANESE	NC	880	NC	8800	NC	2.59	2.325	2.06	0.314	3.41
NICKEL	NC	730	NC	7300	NC	2.44	1.975	1.51	7.77	47.3
SELENIUM	50	180	NC	1800	NC	0.762	0.69	0.618	0.553	0.809
TIN	NC	22000	NC	220000	NC	0.249 U	0.209 U	0.169 U	0.128	0.137
URANIUM	30	1.63	163	1100	NC	**11.4**	**11.55**	**11.7**	**8.18**	**13.2**
VANADIUM	NC	180	NC	2600	NC	11.2	11.7	12.2	12.9	10.3
ZINC	NC	11000	NC	110000	NC	662	624	586	1440	1060
Microbiological Parameters (CFU/1)										
FECAL COLIFORM	0	NC	NC	NC	NC	1	1 <	1 <	3.1	1 <
FECAL STREPTOCOCCUS	0	NC	NC	NC	NC					
PLATE COUNT	500	NC	NC	NC	NC					
TOTAL COLIFORM	0	NC	NC	NC	NC	32.4 J	26.55 J	20.7 J	7.5	8.7
Miscellaneous Parameters (mg/L)										
CHLORIDE	NC	NC	NC	NC	NC	73.5	72.5	71.5	78.5	82.9
FLUORIDE	4	NC	NC	NC	NC	0.989	0.963	0.937	0.97	0.983
NITRATE	44.3	255.2	NC	580	NC	**105 [F]**	**105.5 [F]**	**106 [F]**	**104 J [F]**	**100 [F]**
SULFATE	NC	NC	NC	NC	NC	66.8	66.7	66.6	74.4	70.1
Field Parameters										
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.02	0.02		0	0
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	6.84	6.84		6.77	4.43
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	299	299		290	310
PH (S.U.)	NC	NC	NC	NC	NC	7.11	7.11		6.6	7.25
SALINITY (%)	NC	NC	NC	NC	NC	0	0		0	0.1
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	1.5	1.5		0.85	1.2
TEMPERATURE (C)	NC	NC	NC	NC	NC	20.19	20.19		17.18	19.67
TURBIDITY (NTU)	NC	NC	NC	NC	NC					

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 4-2

1500-FOOT STEP-OUT HOMES
TAP WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0234	0269	0326	0339	0343	0354	0427	1621
Sample ID						0234TW001	0269TW001	0326TW001	0339TW001	0343TW001	0354TW001	0427TW001	1621TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090724	20090508	20090717	20090716	20090717	20090218	20090327	20090722
Study Area						STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID						6132211600006	6132200203172	6132216804045	6132216804044	6132216803112	6132216806083	6132216804014	6132411614177
Likely Water Source						WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
Shaded cell indicates exceedances of screening levels													
Blank Cells indicate that parameter was not analyzed.													
Volatile Organics (ug/L)													
ACETONE	NC	22000	NC	220000	64000	2.35 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.09 U	0.129 J	0.146 J	0.09 U	0.114 J	0.09 U	0.187 J
TETRACHLOROETHENE	5	0.11	11	2200	0.82	**38.1 [F] [R] [C] [INI**	**23.1 [F] [R] [C] [INH**	**4.47 [R] [INH]**	**3.5 [R] [INH]**	**1.34 [R] [INH]**	**3.04 [R] [INH]**	**3.36 [R] [INH]**	**1.55 [R] [INH]**
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.189 J	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.393 J
Field Parameters													
CHLORINE (MG/L)	4	3.7	NC	37	NC	0	0	0	0	0	0	0	
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	10.15	8.53	3.91	3.96	6.55	3.34	8.47	6.82
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	241	229	265	264	190	304	310	249
PH (S.U.)	NC	NC	NC	NC	NC	6.84	6.87	6.71	6.77	7.11	6.75	6.94	6.84
SALINITY (%)	NC	NC	NC	NC	NC	0.03	0.03	0.03	0.03	0.07	0.1	0.1	0.03
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	1.13	4.1	1.09	1.11	2.03	1.2	1.21	1.13
TEMPERATURE (C)	NC	NC	NC	NC	NC	26.53	20.56	22.13	22.27	28.23	13.45	13.88	24.34
TURBIDITY (NTU)	NC	NC	NC	NC	NC	0	0	0	0	0	3	2.8	0

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer TW RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 4-3

1500-FOOT STEPOUT HOMES
IRRIGATION WATER - DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						0225	0231	0276	0276	0276	0288	0416	0436	0462
Sample ID						0225IW001	0231IW001	0276IW001	0276IW001-AVG	0276IW001-D	0288IW001	0416IW001	0436IW001	0462IW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090608	20090107	20090306	20090306	20090306	20090302	20090227	20090217	20090224
Study Area						STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID						UNKNOWN	6132241001104	6132211902137	6132211902137	6132211902137	6132204002065	6132200202184	6132200226002	6132237501008
Likely Water Source						WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
Shaded cell indicates exceedances of screening level														
Blank Cells indicate parameter was not analyzed														
Volatile Organics (ug/L)														
ACETONE	NC	22000	NC	220000	64000	1 U	1 U	1 U	0.86 J	1.22 J	1 U	1 U	1 U	1 U
CHLOROFORM	80	0.19	19	1300	0.21	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.106 J	0.09 U
CIS-1,2-DICHLOROETHENE	70	370	NC	3700	NC	0.1 U	0.108 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	5	0.11	11	2200	0.82	**4.74 [R][INH]**	**30 [F][R][C][INH]**	**3.04 [R][INH]**	**2.98 [R][INH]**	**2.92 [R][INH]**	**8.32 [F][R][INH]**	**45.6 [F][R][C][INH]**	**9.34 [F][R][INH]**	0.1 U
TRICHLOROETHENE	5	2	200	NC	2.4	0.13 U	0.171 J	0.13 U	0.13 U	0.13 U	0.269 J	0.138 J	0.132 J	0.13 U
Field Parameters														
CHLORINE (MG/L)	4	3.7	NC	37	NC		0	0.02	0.02			0	0	0
CONDUCTIVITY	NC	NC	NC	NC	NC	1.12	0.75	8.95	8.95		1.3	6.78	5.42	8.58
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	6	276	325	325		5.5	345	313	326
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	218	6.88	7.5	7.5		258	7.63	6.74	6.99
PH (S.U.)	NC	NC	NC	NC	NC	7.31	0.1	0.1	0.1		7.1	0.1	0.1	0.1
SALINITY (%)	NC	NC	NC	NC	NC	0.03	1.2	1.26	1.26		0.1	0.765	1.27	1.19
TEMPERATURE (C)	NC	NC	NC	NC	NC	25.02	11.26	13.46	13.46		14.02	16.1	12.29	15.12
TURBIDITY (NTU)	NC	NC	NC	NC	NC	0	32	6.5	6.5		5	4.5	5.7	29

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[C] -Exceeds 100x Cancer TW RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[NC]-Exceeds 10x Noncancer TW RSL
[R]-Exceeds TW RSL

TABLE 4-4

1500-FOOT STEP-OUT HOMES
RESIDENTIAL AMBIENT AIR AND ACTIVE SOIL GAS DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location			0225	0225	0231	0234	0234	0269	0275	0276	0276	0276
Sample ID			0225AA001	0225SG001	0231SG001	0234AA001	0234SG001	0269SG001	0275SG001	0276AA001	0276SG001	0276SG002
Residential / Government			RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	RSL	RSL	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Matrix	Air	Soil Gas	AS	SG	SG	AS	SG	SG	SG	AS	SG	SG
Sample Date	[A]	[SG]	20090608	20090608	20090131	20090724	20090724	20090508	20090216	20090622	20090306	20090622
Study Area			STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID			6132200200010	6132200200010	6132241001104	6132211600006	6132211600006	6132200203172	6132212802117	6132211902137	6132211902137	6132211902137
Likely Water Source			WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
Shaded cell indicates exceedances of screening level												
Volatile Organics (ug/m3)												
1,1,1,2-TETRACHLOROETHANE	0.33	3.3	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ	0.18 U
1,1,1-TRICHLOROETHANE	5200	52000	0.186 J	0.218 J	1.01	0.15 U	0.239 J	0.203 J	0.283 J	0.192 J	0.358 J	0.417
1,1,2,2-TETRACHLOROETHANE	0.042	0.42	0.04 U	0.04 U	0.04 U	0.132 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	31000	310000	0.797	0.835	0.946	0.742	1.03	0.734	0.767	0.856	0.08 UJ	0.08 U
1,1-DICHLOROETHANE	1.5	15	0.05 U	0.05 U	0.05 U	0.05 U	0.061 J	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U
1,1-DICHLOROETHENE	210	2100	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U
1,2,3-TRICHLOROBENZENE	NC	NC	0.4 U	0.4 U	0.4 UR	0.4 U	0.4 U	0.6 J	0.4 U	0.4 U	0.4 UJ	0.4 U
1,2,3-TRICHLOROPROPANE	0.31	3.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U
1,2,4-TRICHLOROBENZENE	2.1	21	0.681 U	0.88 U	0.19 UR	0.488 U	0.524 U	1.43 U	1.06	0.499	0.713 J	0.409
1,2,4-TRIMETHYLBENZENE	7.3	73	0.169 J	10.6	0.286	0.731	0.616	0.05 U	3.94	0.443	10.6 J	51.9
1,2-DIBROMO-3-CHLOROPROPANE	0.00016	0.0016	0.1 U	0.1 U	0.1 UR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U
1,2-DIBROMOETHANE	0.0041	0.041	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	**0.196 J [A]**	0.12 UJ	0.12 U
1,2-DICHLOROBENZENE	210	2100	0.249 U	0.1 U	0.1 U	0.207 U	0.183 U	0.1 U	0.18 J	0.201	0.1 UJ	0.1 U
1,2-DICHLOROETHANE	0.094	0.94	**0.22 [A]**	0.1 U	0.1 U	**0.308 [A]**	0.1 U	0.1 U	0.1 U	**0.23 [A]**	0.1 UJ	0.1 U
1,2-DICHLOROPROPANE	0.24	2.4	0.09 U	0.09 U	1.25	**0.409 [A]**	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	NC	NC	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 UJ	0.26 U
1,3,5-TRIMETHYLBENZENE	NC	NC	0.163 J	3.78	0.05 U	0.346	0.239 U	0.05 U	1.11	0.252	2.95 J	29.9
1,3-BUTADIENE	0.081	0.81	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.55 J	0.802 J
1,3-DICHLOROBENZENE	NC	NC	0.23 U	0.09 U	0.09 U	0.189 U	0.188 U	0.09 U	0.165 J	0.194 J	0.09 UJ	0.09 U
1,4-DICHLOROBENZENE	0.22	2.2	0.237 U	0.287 U	0.09 U	0.209 U	0.203 U	0.09 U	0.591	0.2 J	0.09 UJ	0.09 U
2-BUTANONE	5200	52000	0.961	22.1	0.598 J	5.38	6.81	0.845	3.72	1.5	14.1 J	38.1
ACETONE	32000	320000	8.35	98.4	5.56	26	27.5	6.44	19.9	17.3	76.6 J	127
ACETONITRILE	63	630	0.38 U	1.26	0.38 U	0.661 J	0.38 U	0.38 U	0.38 U	0.38 U	0.812 J	0.38 U
ACETOPHENONE	NC	NC	1.02 U	1.16 J	1.02 U	1.02 U	1.02 U	2.58	1.02 U	1.02 U	1.29 J	1.02 U
ACROLEIN	0.021	0.21	0.41 U	**1.16 [SG]**	**0.554 J [SG]**	**0.82 [A]**	**0.502 J [SG]**	**0.821 [SG]**	**0.764 J [SG]**	**1.11 [A]**	**2 J [SG]**	0.41 U
ACRYLONITRILE	0.036	0.36	0.2 U	**0.382 J [SG]**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U
BENZENE	0.31	3.1	0.263	**26 [SG]**	0.273	**1.37 [A]**	2.13	1.55	**4.68 [SG]**	**0.76 [A]**	**13.2 J [SG]**	**56.6 [SG]**
BROMODICHLOROMETHANE	0.066	0.66	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.352	0.15 U	0.15 U	0.15 UJ	0.15 U
BROMOFORM	2.2	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U
BROMOMETHANE	5.2	52	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.146 J	0.07 UJ	0.07 U
CARBON DISULFIDE	730	7300	0.1 U	3.39	1.24	0.815	1.32	0.313	0.98	0.311	1.97 J	6.67
CARBON TETRACHLORIDE	0.16	1.6	**0.732 [A]**	0.13 U	0.13 U	**0.609 [A]**	0.13 U	**6.24 [SG]**	0.13 U	**0.725 [A]**	0.13 UJ	0.333
CHLOROBENZENE	52	520	0.186 J	0.214	0.04 U	0.144 U	0.136 U	0.04 U	0.04 U	0.16 J	0.04 UJ	0.04 U
CHLORODIBROMOMETHANE	0.09	0.9	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 UJ	0.24 U
CHLOROETHANE	10000	100000	0.11 U	0.11 U	0.11 U	0.151 J	0.11 U	0.11 U	0.11 U	0.136 J	0.11 UJ	0.11 U
CHLOROFORM	0.11	1.1	**0.174 J [A]**	0.787	**10.9 [SG]**	**0.249 [A]**	**1.66 [SG]**	**88.3 [SG]**	0.612	**0.724 [A]**	0.275 J	0.11 U
CHLOROMETHANE	94	940	1.38	0.07 U	0.07 U	1.85	0.138 J	0.07 U	0.07 U	1.44	0.07 UJ	0.224
CIS-1,2-DICHLOROETHENE	NC	NC	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.09 U
CIS-1,3-DICHLOROPROPENE	0.61	6.1	0.04 U	0.04 U	0.04 U	0.261	0.131 J	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U
CYCLOHEXANE	6300	63000	0.11 U	7.62	0.11 U	11	0.324	0.209	2.59	2.86	9.01 J	58.7
DIBROMOMETHANE	4.2	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U
DICHLORODIFLUOROMETHANE	210	2100	2.77	2.52	3.74	2.62	3.4	2.89	4.33	3.14	13.4 J	13.4
ETHYLBENZENE	0.97	9.7	0.163 J	8.11	0.208	**1.23 [A]**	1.38	0.327	2.94	0.579	**17.6 J [SG]**	**59.4 [SG]**
HEXACHLOROBUTADIENE	0.11	1.1	0.603 U	0.755 U	0.355 J	0.416 U	0.398 U	0.488 U	**1.46 [SG]**	**0.499 J [A]**	0.24 UJ	0.24 U
HEXANE	730	7300	0.184 J	8.05	0.666	6.43	0.984	0.644	0.365	1.53	25.2 J	124
ISOBUTANOL	NC	NC	0.46 U	8.76	0.46 U	1.18	0.46 U	0.46 U	0.46 U	0.46 U	0.46 UJ	0.46 U
ISOPROPYLBENZENE	420	4200	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U
M+P-XYLENES	730	7300	0.35	15.4	0.508	3.08	1.57	0.803	3.85	1.73	16 J	85.8
METHYL ACETATE	NC	NC	0.27 U	0.27 U	0.27 U	0.322 J	0.624	0.27 U	0.366 J	0.307 J	0.27 UJ	0.27 U
METHYL CYCLOHEXANE	NC	NC	0.08 U	13.3	0.08 U	9.76	0.08 U	0.08 U	0.743	2.45	13.6 J	107
METHYL TERT-BUTYL ETHER	9.4	94	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U
METHYLENE CHLORIDE	5.2	52	0.471	0.971	0.361	4.13	0.08 U	0.08 U	0.08 U	5.16	0.08 UJ	0.08 U
O-XYLENE	730	7300	0.156 J	7.99	0.249	1.39	0.763	0.06 U	2.21	0.631	8.98 J	45.8
PENTACHLOROETHANE	NC	NC	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U
STYRENE	1000	10000	0.128 J	8.9	0.07 U	0.3	2.04	0.692	26	0.444	14.4 J	0.07 U
TETRACHLOROETHENE	0.41	4.1	1.45 U	**37.4 [SG]**	**167 [SG]**	**2.32 J [A]**	**356 [SG]**	**193 [SG]**	**35.1 [SG]**	1.45 U	**75 J [SG]**	**85 [SG]**
TOLUENE	5200	52000	0.423	18.4	1.38	9.03	2.29	1.94	4.58	3.37	27.5 J	115
TRANS-1,2-DICHLOROETHENE	63	630	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.61	6.1	0.07 U	0.07 U	0.07 U	0.204	0.138 J	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U
TRICHLOROETHENE	1.2	12	0.16 J	0.151 J	0.197 J	**1.26 [A]**	0.429	0.08 U	0.08 U	0.161 J	0.08 UJ	0.273
TRICHLOROFLUOROMETHANE	730	7300	1.61	12.6	2.25	1.49	2.4	7.29	22.4	1.73	536 J	317
VINYL ACETATE	210	2100	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[A]-Exceeds Air RSL
[SG]-Exceeds Soil Gas RSL

TABLE 4-4

1500-FOOT STEP-OUT HOMES
RESIDENTIAL AMBIENT AIR AND ACTIVE SOIL GAS DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location			0279	0279	0288	0326	0326	0329	0329	0339	0339	0341
Sample ID			0279AA001	0279SG001	0288SG001	0326AA001	0326SG001	0329AA001	0329SG001	0339AA001	0339SG001	0341SG001
Residential / Government			RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	RSL	RSL	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Matrix	Air	Soil Gas	AS	SG	SG	AS	SG	AS	SG	AS	SG	SG
Sample Date	[A]	[SG]	20090826	20090826	20090302	20090717	20090717	20090725	20090725	20090716	20090716	20090207
Study Area			STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID			6132216802040	6132216802040	6132204002065	6132216804045	6132216804045	6132216802039	6132216802039	6132216804044	6132216804044	6132200203163
Likely Water Source			PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC	WELL	WELL	WELL
Shaded cell indicates exceedances of screening level												
Volatile Organics (ug/m3)												
1,1,1,2-TETRACHLOROETHANE	0.33	3.3	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	5200	52000	0.15 U	0.15 U	0.15 U	0.275 J	0.473	0.15 U	0.15 U	0.247 J	0.287 J	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.042	0.42	0.04 U	0.04 U	0.04 U	**0.363 [A]**	0.04 U	0.04 U	0.14 U	**0.298 [A]**	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	31000	310000	0.625	0.597	0.638	0.856	0.964	0.77	0.804	0.847	0.872	0.629
1,1-DICHLOROETHANE	1.5	15	0.05 U	0.05 U	0.05 U	0.179 J	0.168 J	0.05 U	0.05 U	0.168 J	0.173 J	0.05 U
1,1-DICHLOROETHENE	210	2100	0.1 U	0.1 U	0.1 U	0.169 J	0.162 J	0.1 U	0.1 U	0.156 J	0.176 J	0.1 U
1,2,3-TRICHLOROBENZENE	NC	NC	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UR
1,2,3-TRICHLOROPROPANE	0.31	3.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	2.1	21	0.577 U	0.641 U	0.874 U	0.567 U	0.425 U	0.414 U	0.419 U	0.723 U	0.724 U	0.19 UJ
1,2,4-TRIMETHYLBENZENE	7.3	73	0.443	0.05 U	0.218 U	1.74	0.31	0.268 U	0.05 U	1.07	0.761	69.7
1,2-DIBROMO-3-CHLOROPROPANE	0.00016	0.0016	0.146 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.181 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.0041	0.041	0.12 U	0.12 U	0.12 U	**0.31 [A]**	**0.287 [SG]**	0.12 U	0.12 U	**0.303 [A]**	**0.308 [SG]**	0.12 U
1,2-DICHLOROBENZENE	210	2100	0.114 J	0.134 J	0.1 U	0.309 U	0.257 U	0.191 U	0.175 U	0.306 U	0.313 U	0.1 U
1,2-DICHLOROETHANE	0.094	0.94	0.1 U	0.1 U	0.1 U	**0.283 [A]**	0.1 U	**0.177 J [A]**	0.1 U	**0.239 [A]**	0.253	0.1 U
1,2-DICHLOROPROPANE	0.24	2.4	0.104 J	0.09 U	0.179 J	**0.564 [A]**	0.503	0.09 U	0.09 U	**0.384 [A]**	0.505	1.33
1,2-DICHLOROTETRAFLUOROETHANE	NC	NC	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	NC	NC	0.166 J	0.05 U	0.135 J	0.663	0.226	0.178 U	0.114 U	0.471	0.418	25 J
1,3-BUTADIENE	0.081	0.81	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	**2.74 [SG]**
1,3-DICHLOROBENZENE	NC	NC	0.0929 J	0.112 J	0.09 U	0.3 U	0.258 U	0.206 U	0.156 U	0.294 U	0.292 U	0.09 U
1,4-DICHLOROBENZENE	0.22	2.2	0.0937 J	0.11 J	0.336	0.31 U	0.253 U	0.192 U	0.155 U	0.299 U	0.314 U	0.09 U
2-BUTANONE	5200	52000	1.23	2.25	0.882	2.89	2.23	1.15	2.75	2.58	28	39.6
ACETONE	32000	320000	13.7	21.2	9.34	21.1	8.74	11.3	34.8 J	36	202	139 J
ACETONITRILE	63	630	0.394 J	0.38 U	0.38 U	0.545 J	0.828	0.38 U	0.38 U	0.38 U	0.908	0.38 UJ
ACETOPHENONE	NC	NC	1.02 U	2.42	1.02 UJ	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.27 J	1.02 U
ACROLEIN	0.021	0.21	0.41 U	**0.651 J [SG]**	0.41 U	**0.542 J [A]**	**0.652 J [SG]**	0.41 U	**0.61 J [SG]**	**1.02 [A]**	**0.693 J [SG]**	**3.17 [SG]**
ACRYLONITRILE	0.036	0.36	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.901 [SG]**	0.2 U
BENZENE	0.31	3.1	**0.502 [A]**	0.23	1.05	**2.42 [A]**	1.4	**0.333 [A]**	0.311	**1.61 [A]**	2.01	**70.2 [SG]**
BROMODICHLOROMETHANE	0.066	0.66	0.15 U	0.15 U	0.15 U	**0.255 J [A]**	0.246 J	0.15 U	0.15 U	**0.235 J [A]**	0.241 J	0.15 U
BROMOFORM	2.2	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	5.2	52	0.07 U	0.07 U	0.07 U	0.24	0.191 J	0.07 U	0.07 U	0.221	0.197 J	0.07 U
CARBON DISULFIDE	730	7300	0.1 U	0.151 J	0.536	0.23	0.96	0.1 U	0.108 J	0.195 J	1.38	4.52
CARBON TETRACHLORIDE	0.16	1.6	**0.542 [A]**	0.152 J	0.247 J	**0.725 [A]**	0.344	**0.631 [A]**	0.228 J	**0.691 [A]**	0.525	0.13 U
CHLOROBENZENE	52	520	0.063 J	0.145 J	0.04 U	0.255	0.29	0.04 U	0.117 U	0.238	0.364	0.04 U
CHLORODIBROMOMETHANE	0.09	0.9	0.24 U	0.24 U	0.24 U	**0.283 J [A]**	0.279 J	0.24 U	0.24 U	0.24 U	0.306 J	0.24 U
CHLOROETHANE	10000	100000	0.11 U	0.11 U	0.11 U	0.175 J	0.16 J	0.11 U	0.11 U	0.163 J	0.11 U	0.11 U
CHLOROFORM	0.11	1.1	0.11 U	0.11 U	**1.44 [SG]**	**0.338 [A]**	1.07	0.11 U	0.392	**0.312 [A]**	**1.58 [SG]**	0.11 U
CHLOROMETHANE	94	940	1.3	0.11 J	0.07 U	1.73	0.207	1.5	0.118 J	1.74	0.253	0.35 J
CIS-1,2-DICHLOROETHENE	NC	NC	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.61	6.1	0.04 U	0.04 U	0.04 U	0.321	0.157 J	0.04 U	0.0775 J	0.166 J	0.184 J	0.04 U
CYCLOHEXANE	6300	63000	0.11 U	0.592	0.11 U	0.949	0.233	0.11 U	0.11 U	0.579	4.23	12.3
DIBROMOMETHANE	4.2	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	210	2100	2.82	2.58	2.34	3.12	3.07	2.72	2.44	3.03	3.04	2.32
ETHYLBENZENE	0.97	9.7	0.389	0.33	5.73	**1.69 [A]**	4.17	0.197 U	0.274 U	**1.07 [A]**	**12.5 [SG]**	**145 [SG]**
HEXACHLOROBUTADIENE	0.11	1.1	0.24 U	0.346 J	0.693 U	**0.575 [A]**	0.485 J	0.374 U	0.353 U	**0.479 J [A]**	0.585	0.333 J
HEXANE	730	7300	0.236 J	0.45	0.298 J	1.11	0.276 J	0.17 U	0.17 U	0.852	5.73	39.8
ISOBUTANOL	NC	NC	0.46 U	2.55	0.46 U	0.46 U	0.671 J	0.46 U	0.512 J	0.46 U	5.7	0.46 U
ISOPROPYLBENZENE	420	4200	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.282	12.4
M+P-XYLENES	730	7300	1.18	0.606	3.44	5.08	3.09	0.452 U	0.366 U	3.2	8.45	149
METHYL ACETATE	NC	NC	0.27 U	0.27 U	0.27 U	0.402 J	0.27 U	0.27 U	0.27 U	0.35 J	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	NC	0.08 U	0.08 U	0.213	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	6.26	32.7
METHYL TERT-BUTYL ETHER	9.4	94	0.593	0.17 U	0.17 U	2.22	0.17 U	0.17 U	0.17 U	1.68	0.17 U	41.2
METHYLENE CHLORIDE	5.2	52	1.05	1.56	0.08 U	1.02	0.327	0.411	0.08 U	0.83	2.85	0.209
O-XYLENE	730	7300	0.426	0.06 U	1.63	1.94	2.25	0.34	0.207	1.16	4.06	75.1
PENTACHLOROETHANE	NC	NC	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	1000	10000	0.117 J	0.346	41.7	0.398	9.21	0.07 U	0.296	0.442	22.5	1500
TETRACHLOROETHENE	0.41	4.1	1.45 U	**6.06 [SG]**	**107 [SG]**	1.45 U	**10.5 [SG]**	1.45 U	**9.64 [SG]**	1.45 U	**4.81 [SG]**	**236 J [SG]**
TOLUENE	5200	52000	2.82	3.86	4.17	7.39	2.31	0.542	0.307	4.85	8.42	135
TRANS-1,2-DICHLOROETHENE	63	630	0.11 U	0.11 U	0.11 U	0.177 J	0.161 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.61	6.1	0.07 U	0.07 U	0.07 U	0.291	0.173 J	0.07 U	0.07 U	0.186 J	0.178 J	0.07 U
TRICHLOROETHENE	1.2	12	0.08 U	0.08 U	0.22	0.249	0.849	0.126 J	0.08 U	0.215	0.802	0.326
TRICHLOROFLUOROMETHANE	730	7300	1.5	1.51	1.66	1.73	10.4	1.47	1.53	1.69	3.21	1.04
VINYL ACETATE	210	2100	0.11 U	0.11 U	0.11 U	0.11 U	0.134 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[A]-Exceeds Air RSL
[SG]-Exceeds Soil Gas RSL

TABLE 4-4

1500-FOOT STEP-OUT HOMES
RESIDENTIAL AMBIENT AIR AND ACTIVE SOIL GAS DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location			0343	0343	0345	0354	0371	0374	0374	0410	0410	0410
Sample ID			0343AA001	0343SG001	0345SG001	0354SG001	0371SG001	0374AA001	0374SG001	0410SG001	0410SG001-AVG	0410SG001-D
Residential / Government			RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	RSL	RSL	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Matrix	Air	Soil Gas	AS	SG	SG	SG	SG	AS	SG	SG	SG	SG
Sample Date	[A]	[SG]	20090717	20090717	20090206	20090218	20090423	20090722	20090722	20090228	20090228	20090228
Study Area			STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID			6132216803112	6132216803112	6132135576190	6132216806083	6132222202008	6132212602004	6132212602004	6132211602053	6132211602053	6132211602053
Likely Water Source			WELL	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level												
Volatile Organics (ug/m3)												
1,1,1,2-TETRACHLOROETHANE	0.33	3.3	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	5200	52000	0.275 J	0.28 J	0.204 J	0.15 U	0.15 U	0.199 J	0.83	0.267 J	0.2655 J	0.264 J
1,1,2,2-TETRACHLOROETHANE	0.042	0.42	**0.294 [A]**	0.302	0.04 U	0.04 U	0.04 U	0.204 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	31000	310000	0.884	0.912	0.74	0.917	0.08 U	0.818	0.75	0.646	0.503	0.36
1,1-DICHLOROETHANE	1.5	15	0.192 J	0.169 J	0.05 U	0.05 U	0.05 U	0.115 J	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	210	2100	0.184 J	0.159 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	NC	NC	0.4 U	0.4 U	0.4 UR	2.21	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.31	3.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	2.1	21	0.493 U	0.454 U	0.19 UJ	1.43	0.979	0.619 U	0.492 U	1.05 U	0.984 U	0.918 U
1,2,4-TRIMETHYLBENZENE	7.3	73	0.901	0.275 U	41.8	1.35	4.62	0.72	0.845	1.13	1.145	1.16
1,2-DIBROMO-3-CHLOROPROPANE	0.00016	0.0016	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.293 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.0041	0.041	**0.327 [A]**	**0.295 [SG]**	0.12 U	0.12 U	0.12 U	**0.218 [A]**	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	210	2100	0.1 U	0.258 U	0.1 U	0.167 J	0.1 U	0.232 U	0.187 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROETHANE	0.094	0.94	**0.259 [A]**	0.187 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.24	2.4	**0.341 [A]**	0.09 U	1.16	0.51	0.09 U	**0.303 [A]**	0.125 J	0.455	0.4775	0.5
1,2-DICHLOROTETRAFLUOROETHANE	NC	NC	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	NC	NC	0.408	0.224	47.4 J	0.478	0.05 U	0.321	0.371	0.35	0.357	0.364
1,3-BUTADIENE	0.081	0.81	0.49 U	0.49 U	**0.915 J [SG]**	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	NC	NC	0.267 U	0.27 U	0.09 U	0.133 J	0.09 U	0.214 U	0.189 U	0.09 U	0.09 U	0.09 U
1,4-DICHLOROBENZENE	0.22	2.2	0.272 U	0.249 U	0.09 U	0.52	0.09 U	0.227 U	0.19 U	**3.09 [SG]**	**2.985 [SG]**	**2.88 [SG]**
2-BUTANONE	5200	52000	3.15	1.73	41.4	3.03	16.6	1.7	3.92	0.935	0.9475	0.96
ACETONE	32000	320000	20.8	11.1	695 J	51.6	63.1	14.2	35.4	5.69	5.66	5.63
ACETONITRILE	63	630	0.418 J	0.38 U	2.48 J	0.678 J	1.68	0.38 U	0.618 J	0.38 U	0.38 U	0.38 U
ACETOPHENONE	NC	NC	1.49 J	1.02 U	1.02 U	1.02 U	10.7	1.02 U	1.02 U	1.02 UJ	1.02 UJ	1.02 UJ
ACROLEIN	0.021	0.21	**1.02 [A]**	**0.82 [SG]**	**5.48 [SG]**	0.41 U	0.41 U	**0.53 J [A]**	**0.961 [SG]**	0.41 U	0.41 U	0.41 U
ACRYLONITRILE	0.036	0.36	0.2 U	0.2 U	**0.504 [SG]**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.31	3.1	**0.544 [A]**	1.34	**20.2 [SG]**	**4.78 [SG]**	**3.49 [SG]**	**0.897 [A]**	3.09	1.38	1.385	1.39
BROMODICHLOROMETHANE	0.066	0.66	**0.271 J [A]**	0.232 J	0.15 U	0.15 U	0.15 U	**0.172 J [A]**	**1.02 [SG]**	0.15 U	0.15 U	0.15 U
BROMOFORM	2.2	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	5.2	52	0.275	0.191 J	0.07 U	0.07 U	0.07 U	0.178 J	0.209	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	730	7300	8.16	0.343	1.74	0.802	1.93	0.108 J	1.59	0.935	0.936	0.937
CARBON TETRACHLORIDE	0.16	1.6	**0.749 [A]**	0.235 J	0.13 U	0.202 J	**2.61 [SG]**	**0.677 [A]**	0.13 U	0.488	0.487	0.486
CHLOROBENZENE	52	520	0.22	0.221	0.04 U	0.04 U	0.04 U	0.161 U	0.127 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.09	0.9	**0.313 J [A]**	0.261 J	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	10000	100000	0.206	0.157 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.11	1.1	**0.308 [A]**	0.11 U	**2.44 [SG]**	0.578	**97.6 [SG]**	**0.319 [A]**	**20.9 [SG]**	**1.16 [SG]**	**1.17 [SG]**	**1.18 [SG]**
CHLOROMETHANE	94	940	1.76	0.206	0.07 UJ	0.07 U	0.07 U	1.42	0.166 J	0.07 U	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	NC	NC	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.61	6.1	0.376	0.161 J	0.04 U	0.04 U	0.04 U	0.144 J	0.124 J	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	6300	63000	0.257	0.172 J	1.36	9.47	0.11 U	0.285	0.4	3	3	3
DIBROMOMETHANE	4.2	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	210	2100	3.26	2.75	3.66	2.22	1.8	2.74	3.58	1.96	1.955	1.95
ETHYLBENZENE	0.97	9.7	0.506	2.4	**18 [SG]**	0.934	**32.2 [SG]**	0.684	3.07	**21.8 [SG]**	**22.3 [SG]**	**22.8 [SG]**
HEXACHLOROBUTADIENE	0.11	1.1	**0.497 J [A]**	0.479 J	0.371 J	**1.55 [SG]**	0.24 U	**0.434 J [A]**	0.373 J	0.796 U	0.751 U	0.706 U
HEXANE	730	7300	0.412	0.359	2.57	1.03	1.04	0.515	0.668	10.1	10.045	9.99
ISOBUTANOL	NC	NC	0.46 U	0.46 U	0.46 U	0.46 U	16.1	0.46 U	0.675 J	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	420	4200	0.07 U	0.07 U	13.5	0.07 U	0.876	0.129 U	0.173 U	0.641	0.338	0.07 U
M+P-XYLENES	730	7300	1.56	1.83	30.9	2.08	17.3	2.23	2.61	12.7	13	13.3
METHYL ACETATE	NC	NC	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.282 J	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	NC	0.08 U	0.08 U	5.28	0.714	0.08 U	0.154 J	0.518	3.21	3.23	3.25
METHYL TERT-BUTYL ETHER	9.4	94	0.494	0.17 U	0.17 U	0.17 U	0.17 U	0.911	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	5.2	52	0.807	0.253	0.08 U	0.08 U	0.08 U	0.662	0.08 U	0.08 U	0.1335	0.227
O-XYLENE	730	7300	0.06 U	1.04	21.3	0.975	9.25	0.755	1.38	5.61	5.815	6.02
PENTACHLOROETHANE	NC	NC	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	1000	10000	0.265	2.94	45.6	0.319	79	0.198 J	3.4	69.4	69.5	69.6
TETRACHLOROETHENE	0.41	4.1	1.45 U	**5.26 [SG]**	**466 [SG]**	**6 [SG]**	**168 [SG]**	1.45 U	**91.1 [SG]**	**4.84 [SG]**	3.85 J	2.86 J
TOLUENE	5200	52000	1.42	1.19	23.5	7.33	3.33	2.81	3.49	2.59	2.635	2.68
TRANS-1,2-DICHLOROETHENE	63	630	0.189 J	0.17 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.61	6.1	0.357	0.181 J	0.07 U	0.07 U	0.07 U	0.15 J	0.12 J	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	1.2	12	0.212	0.202	0.08 U	0.08 U	0.08 U	0.184 J	0.162 J	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	730	7300	1.79	631	4.14	8.89	1.58	1.58	2.2	3.81	3.835	3.86
VINYL ACETATE	210	2100	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[A]-Exceeds Air RSL
[SG]-Exceeds Soil Gas RSL

TABLE 4-4

1500-FOOT STEP-OUT HOMES
RESIDENTIAL AMBIENT AIR AND ACTIVE SOIL GAS DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location			0416	0427	0436	0462	1621	1621	1850	1850	1995
Sample ID			0416SG001	0427SG001	0436SG001	0462SG001	1621AA001	1621SG001	1850AA001	1850SG001	1995SG001
Residential / Government			RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	RSL	RSL	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Matrix	Air	Soil Gas	SG	SG	SG	SG	AS	SG	AS	SG	SG
Sample Date	[A]	[SG]	20090227	20090327	20090217	20090213	20090722	20090722	20090727	20090727	20090217
Study Area			STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 06	STUDY AREA 06	STUDY AREA 08
Premise ID			6132200202184	6132216804014	6132200226002	6132237501008	6132411614177	6132411614177	6129417402045	6129417402045	6129406802030
Likely Water Source			WELL	WELL	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level											
Volatile Organics (ug/m3)											
1,1,1,2-TETRACHLOROETHANE	0.33	3.3	0.18 U	**25.2 [SG]**	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	5200	52000	15.4	0.15 U	0.702	0.15 U	0.158 J	0.643	0.15 U	0.15 U	0.324
1,1,2,2-TETRACHLOROETHANE	0.042	0.42	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	31000	310000	1.11	0.847	0.61	4.95	0.739	0.844	0.629	0.08 U	0.867
1,1-DICHLOROETHANE	1.5	15	0.896	0.05 U	0.05 U	0.05 U	0.0962 J	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	210	2100	1.5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	NC	NC	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.31	3.1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	2.1	21	1.34 U	0.926	1.08	1.02	0.449 U	0.393 U	0.328 U	0.388 U	0.98
1,2,4-TRIMETHYLBENZENE	7.3	73	6	0.05 U	0.922	14.8	1.31	0.178 U	0.214	0.092 J	0.238
1,2-DIBROMO-3-CHLOROPROPANE	0.00016	0.0016	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.0041	0.041	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	210	2100	0.1 U	0.1 U	0.1 U	0.144 J	0.173 U	0.161 U	0.1 U	0.1 U	0.142 J
1,2-DICHLOROETHANE	0.094	0.94	**2.06 [SG]**	0.1 U	0.1 U	0.1 U	**0.396 [A]**	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.24	2.4	**11.8 [SG]**	0.749	0.09 U	**14.2 [SG]**	**1 [A]**	0.129 J	0.09 U	0.09 U	0.211
1,2-DICHLOROTETRAFLUOROETHANE	NC	NC	0.26 U	0.26 U	1.67	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	NC	NC	1.93	0.369	0.401	4.05	0.387	0.109 U	0.083 J	0.05 U	0.122 J
1,3-BUTADIENE	0.081	0.81	0.49 U	0.607 J	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	NC	NC	0.09 U	0.09 U	0.128 J	0.139 J	0.174 U	0.164 U	0.0901 J	0.09 U	0.12 J
1,4-DICHLOROBENZENE	0.22	2.2	0.374	0.09 U	0.485	0.589	0.192 U	0.148 U	0.09 U	0.09 U	0.448
2-BUTANONE	5200	52000	19.8	0.96	1.22	11.2	3.12	1.36	0.733	2.17	1.03
ACETONE	32000	320000	58.6	10.5	8.17	53.3	25.7	7.45	7.9	28.1	6.13
ACETONITRILE	63	630	0.529 J	0.38 U	0.38 U	0.803	0.455 J	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	NC	NC	2.44 J	1.81 J	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.021	0.21	**1.77 [SG]**	0.41 U	0.41 U	**1.34 [SG]**	**0.705 J [A]**	**0.521 J [SG]**	0.41 U	**0.455 J [SG]**	0.41 U
ACRYLONITRILE	0.036	0.36	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.31	3.1	**21.5 [SG]**	2.59	1.38	**14.3 [SG]**	**2.2 [A]**	0.577	**0.444 [A]**	0.201	0.378
BROMODICHLOROMETHANE	0.066	0.66	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.331
BROMOFORM	2.2	22	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	5.2	52	0.07 U	0.07 U	0.07 U	0.07 U	0.134 J	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	730	7300	3.87	5.24	0.215	4.98	0.133 J	0.217	0.1 U	0.1 U	0.193 J
CARBON TETRACHLORIDE	0.16	1.6	0.13 U	0.13 U	0.13 U	0.225 J	**0.67 [A]**	0.13 U	**0.563 [A]**	0.13 U	0.212 J
CHLOROBENZENE	52	520	0.941	0.04 U	0.04 U	0.04 U	0.126 U	0.113 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.09	0.9	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	10000	100000	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.11	1.1	**3.02 [SG]**	0.11 U	0.17 J	0.676	**0.344 [A]**	0.317	0.11 U	0.11 U	**1.84 [SG]**
CHLOROMETHANE	94	940	0.07 U	0.07 U	0.07 U	0.07 U	1.5	0.167 J	1.21	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	NC	NC	0.379	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.61	6.1	0.04 U	0.04 U	0.04 U	0.04 U	0.418	0.0968 J	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	6300	63000	10.6	5.42	0.11 U	76	1	0.131 J	0.11 U	0.11 U	0.11 U
DIBROMOMETHANE	4.2	42	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	210	2100	5.65	2.11	2.62	0.18 U	2.66	5.29	2.65	3.47	2.11
ETHYLBENZENE	0.97	9.7	**16.6 [SG]**	**86.2 [SG]**	3.71	8.88	**1.61 [A]**	1.43	0.219	0.16 J	1.12
HEXACHLOROBUTADIENE	0.11	1.1	0.822 U	0.538	**1.36 [SG]**	**1.3 [SG]**	**0.334 J [A]**	0.309 J	0.24 U	0.265 J	**1.28 [SG]**
HEXANE	730	7300	13.1	0.565	0.224 J	22	1.51	0.262 J	0.17 U	0.17 U	0.349
ISOBUTANOL	NC	NC	0.46 U	0.46 U	1.18	8.09	0.476 J	0.46 U	0.46 U	0.46 U	1.11
ISOPROPYLBENZENE	420	4200	18.5	2.02	0.07 U	2.86	0.11 U	0.07 U	0.07 U	0.07 U	0.07 U
M+P-XYLENES	730	7300	14.5	55.8	2.49	20.1	5.09	0.961	0.629	0.159 J	0.813
METHYL ACETATE	NC	NC	0.27 U	0.27 U	0.27 U	0.27 U	0.418 J	0.27 U	0.27 U	1.1	0.27 U
METHYL CYCLOHEXANE	NC	NC	25	11.4	0.134 J	10.5	0.08 U	0.08 U	0.08 U	0.08 U	0.0951 J
METHYL TERT-BUTYL ETHER	9.4	94	0.17 U	0.17 U	0.17 U	0.17 U	4.98	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	5.2	52	0.404	0.08 U	0.08 U	1.8	0.981	0.08 U	0.255	0.08 U	0.117 J
O-XYLENE	730	7300	16.4	22.2	1.06	12.1	1.76	0.462	0.217	0.06 U	0.376
PENTACHLOROETHANE	NC	NC	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	1000	10000	11.7	804	10.5	2.21	0.227	1.1	0.07 U	0.194 J	2.07
TETRACHLOROETHENE	0.41	4.1	**3270 [SG]**	**9.81 [SG]**	**46.3 [SG]**	1.45 U	**1.85 J [A]**	**32.4 [SG]**	1.45 U	3.52	**9.92 [SG]**
TOLUENE	5200	52000	24.5	5.81	1.95	51.2	8.46	0.66	0.992	0.204	1.2
TRANS-1,2-DICHLOROETHENE	63	630	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.61	6.1	0.07 U	0.07 U	0.07 U	0.07 U	0.338	0.109 J	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	1.2	12	**113 [SG]**	0.08 U	0.08 U	0.08 U	0.172 J	0.128 J	0.08 U	0.08 U	2.99
TRICHLOROFLUOROMETHANE	730	7300	43.9	2.15	2.56	5.73	1.56	9.06	1.48	3.91	3.39
VINYL ACETATE	210	2100	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[A]-Exceeds Air RSL
[SG]-Exceeds Soil Gas RSL

TABLE 4-5

1500-FOOT STEP-OUT RESIDENCES
COMPARISON OF RESIDENTIAL ACTIVE SOIL GAS DATA TO AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
225	8	ACROLEIN	0.41 U	1.16	1.02	YES	YES	NO
		ACRYLONITRILE	0.2 U	0.38 J	0.25	YES	YES	NO
		BENZENE	0.26	26	2.33	YES	YES	YES
		PCE	1.45 U	37.4	4.65	YES	YES	NO
231	8	ACROLEIN	NA	0.55 J	1.02	NA	NO	NO
234	8	ACRYLONITRILE	0.82	0.50 J	0.25	NO	YES	NO
		CHLOROFORM	0.25	1.66	0.58	YES	YES	NO
		PCE	2.32 J	356	4.65	YES	YES	YES
269	8	ACROLEIN	NA	0.82	1.02	NA	NO	NO
		CARBON TETRACHLORIDE	NA	6.24	0.78	NA	YES	NO
		CHLOROFORM	NA	1.06	0.58	NA	YES	NO
		PCE	NA	193	4.65	NA	YES	YES
275	8	ACROLEIN	NA	0.76 J	1.02	NA	NO	NO
		BROMODICHLOROMETHANE	NA	4.68	0.83	NA	YES	NO
		HEXACHLOROBUTADIENE	NA	1.46	1.98	NA	NO	NO
		PCE	NA	35.1	4.65	NA	YES	NO
276	8	BENZENE	0.76	56.6	2.33	YES	YES	YES
		ETHYLBENZENE	1.23	59.4	1.66	YES	YES	YES
		PCE	2.32 J	85	4.65	YES	YES	YES
279	8	ACROLEIN	0.41 U	0.65 J	1.02	YES	NO	NO
		PCE	1.45 U	6.06	4.65	YES	YES	NO
288	8	CHLOROFORM	NA	1.44	0.58	NA	YES	NO
		PCE	NA	107	4.65	NA	YES	YES
326	8	1,2-DIBROMOETHANE	0.31	0.29	0.51	NO	NO	NO
		ACROLEIN	0.54 J	0.65 J	1.02	YES	NO	NO
		PCE	1.45 U	10.5	4.65	YES	YES	NO
329	8	ACROLEIN	0.41 U	0.61 J	1.02	YES	NO	NO
		PCE	1.45 U	9.64	4.65	YES	YES	NO
339	8	1,2-DIBROMOETHANE	0.3	0.31	0.51	NO	NO	NO
		ACROLEIN	1.02	0.69	1.02	NO	NO	NO
		ACRYLONITRILE	0.2 U	0.9	0.25	YES	YES	NO
		CHLOROFORM	0.31	1.58	0.58	YES	YES	NO
		ETHYLBENZENE	1.07	12.5	1.66	YES	YES	NO
		PCE	1.45 U	4.81	4.65	YES	YES	NO
341	8	1,3-BUTADIENE	NA	2.74	0.25	NA	YES	YES
		ACROLEIN	NA	3.17	1.02	NA	YES	NO
		BENZENE	NA	70.2	2.33	NA	YES	YES
		ETHYLBENZENE	NA	145	1.66	NA	YES	YES
		PCE	NA	236 J	4.65	NA	YES	YES

AA-Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air

TABLE 4-5

1500-FOOT STEP-OUT RESIDENCES
COMPARISON OF RESIDENTIAL ACTIVE SOIL GAS DATA TO AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
343	8	1,2-DIBROMOETHANE	0.33	0.3	0.51	NO	NO	NO
		ACROLEIN	1.02	0.82	1.02	NO	NO	NO
		PCE	1.45 U	5.26	4.65	YES	YES	NO
345	8	1,3-BUTADIENE	NA	0.92	0.25	NA	YES	NO
		ACROLEIN	NA	5.48	1.02	NA	YES	NO
		ACRYLONITRILE	NA	0.5	0.25	NA	YES	NO
		BENZENE	NA	20.2	2.33	NA	YES	NO
		CHLOROFORM	NA	2.44	0.58	NA	YES	NO
		ETHYLBENZENE	NA	18	1.66	NA	YES	YES
		PCE	NA	466	4.65	NA	YES	YES
354	8	BENZENE	NA	4.78	2.33	NA	YES	NO
		HEXACHLOROBUTADIENE	NA	1.55	1.98	NA	NO	NO
		PCE	NA	6	4.65	NA	YES	NO
371	8	BENZENE	NA	3.49	2.33	NA	YES	NO
		CARBON TETRACHLORIDE	NA	2.61	0.78	NA	YES	NO
		CHLOROFORM	NA	97.6	0.58	NA	YES	YES
		ETHYLBENZENE	NA	32.2	1.66	NA	YES	NO
		PCE	NA	168	4.65	NA	YES	YES
374	8	ACROLEIN	0.53 J	0.96	1.02	YES	NO	NO
		BROMODICHLOROMETHANE	0.17 J	1.02	0.83	YES	YES	NO
		CHLOROFORM	0.32	20.9	0.58	YES	YES	YES
		PCE	1.45 U	91.1	4.65	YES	YES	YES
410	8	1,4-DICHLOROBENZENE	NA	2.99	0.79	NA	YES	NO
		CHLOROFORM	NA	1.17	0.58	NA	YES	NO
		ETHYLBENZENE	NA	22.3	1.66	NA	YES	YES
		PCE	NA	27.25	4.65	NA	YES	NO
416	8	1,2-DICHLOROETHANE	NA	2.06	0.36	NA	YES	NO
		1,2-DICHLOROPROPANE	NA	11.8	0.84	NA	YES	YES
		ACROLEIN	NA	1.77	1.02	NA	YES	NO
		BENZENE	NA	21.5	2.33	NA	YES	NO
		CHLOROFORM	NA	3.02	0.58	NA	YES	NO
		ETHYLBENZENE	NA	16.6	1.66	NA	YES	NO
		PCE	NA	3270	4.65	NA	YES	YES
		TRICHLOROETHENE	NA	113	0.36	NA	YES	YES
427	8	1,1,1,2-TETRACHLOROETHANE	NA	25.2	0.38	NA	YES	YES
		ETHYLBENZENE	NA	86.2	1.66	NA	YES	YES
		PCE	NA	9.81	4.65	NA	YES	NO
436	8	HEXACHLOROBUTADIENE	NA	1.36	1.98	NA	NO	NO
		PCE	NA	46.3	4.65	NA	YES	NO

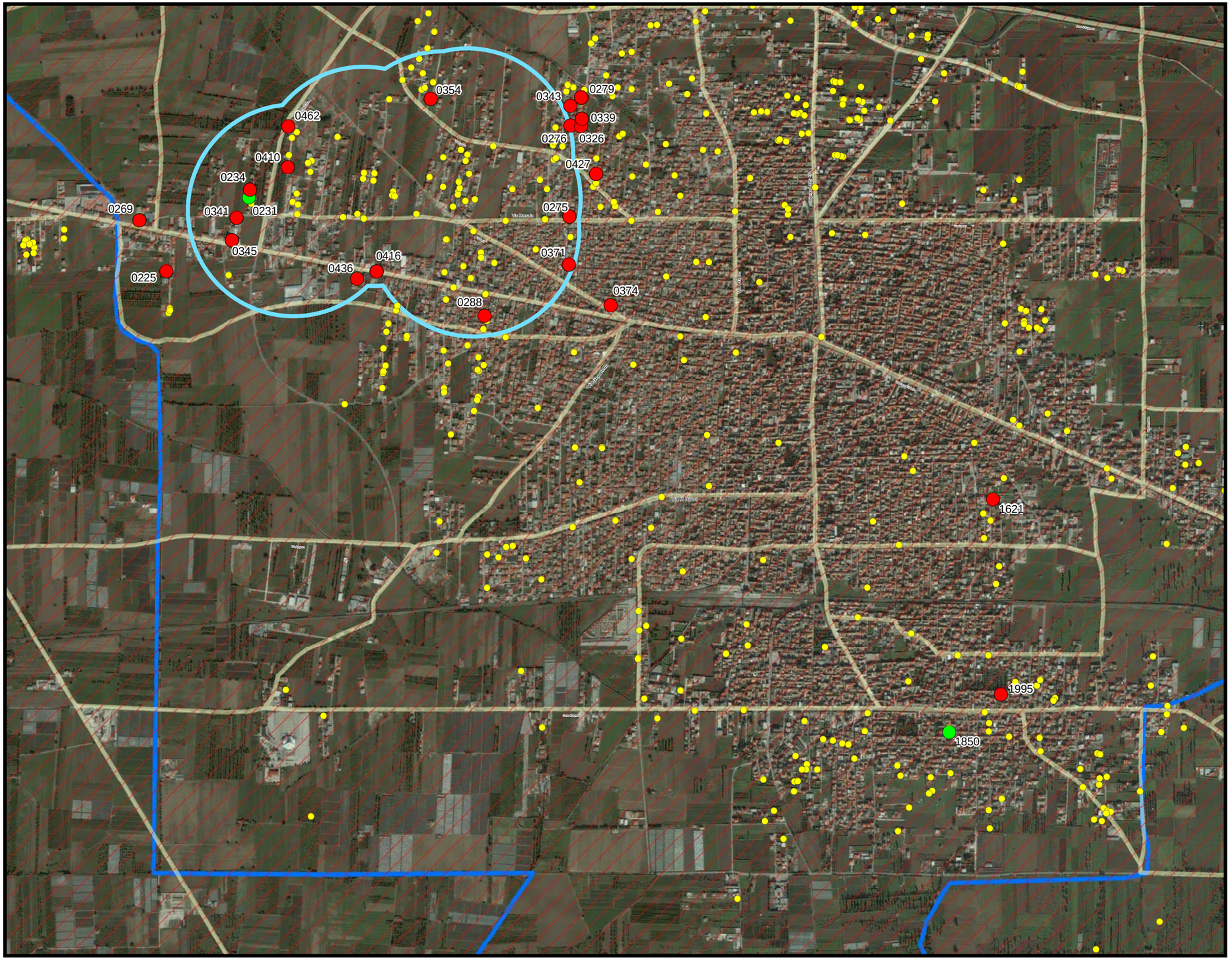
AA-Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air

TABLE 4-5

1500-FOOT STEP-OUT RESIDENCES
COMPARISON OF RESIDENTIAL ACTIVE SOIL GAS DATA TO AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
462	8	1,2-DICHLOROPROPANE	NA	14.2	0.84	NA	YES	YES
		ACROLEIN	NA	1.34	1.02	NA	YES	NO
		BENZENE	NA	14.3	2.33	NA	YES	NO
		HEXACHLOROBUTADIENE	NA	1.3	1.98	NA	NO	NO
1621	8	ACROLEIN	0.71 J	0.52 J	1.02	NO	NO	NO
		CHLOROFORM	0.34	0.32	0.58	NO	NO	NO
		PCE	1.85	32.4	4.65	YES	YES	NO
1850	8	ACROLEIN	0.41 U	0.46 J	1.02	YES	NO	NO
1995	8	CHLOROFORM	NA	1.84	0.58	NA	YES	NO
		HEXACHLOROBUTADIENE	NA	1.28	1.98	NA	NO	NO
		PCE	NA	9.92	4.65	NA	YES	NO

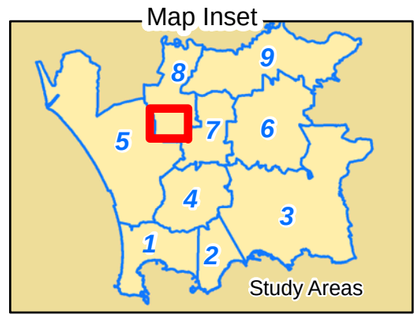
AA-Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air



NAVFAC

TETRA TECH

Figure 4-1
Comparison of ASG Concentrations to 95th Percentile Regional AA Concentrations
1500 Foot Step Out Zone
Naples Public Health Evaluation
Naples, Italy



Legend

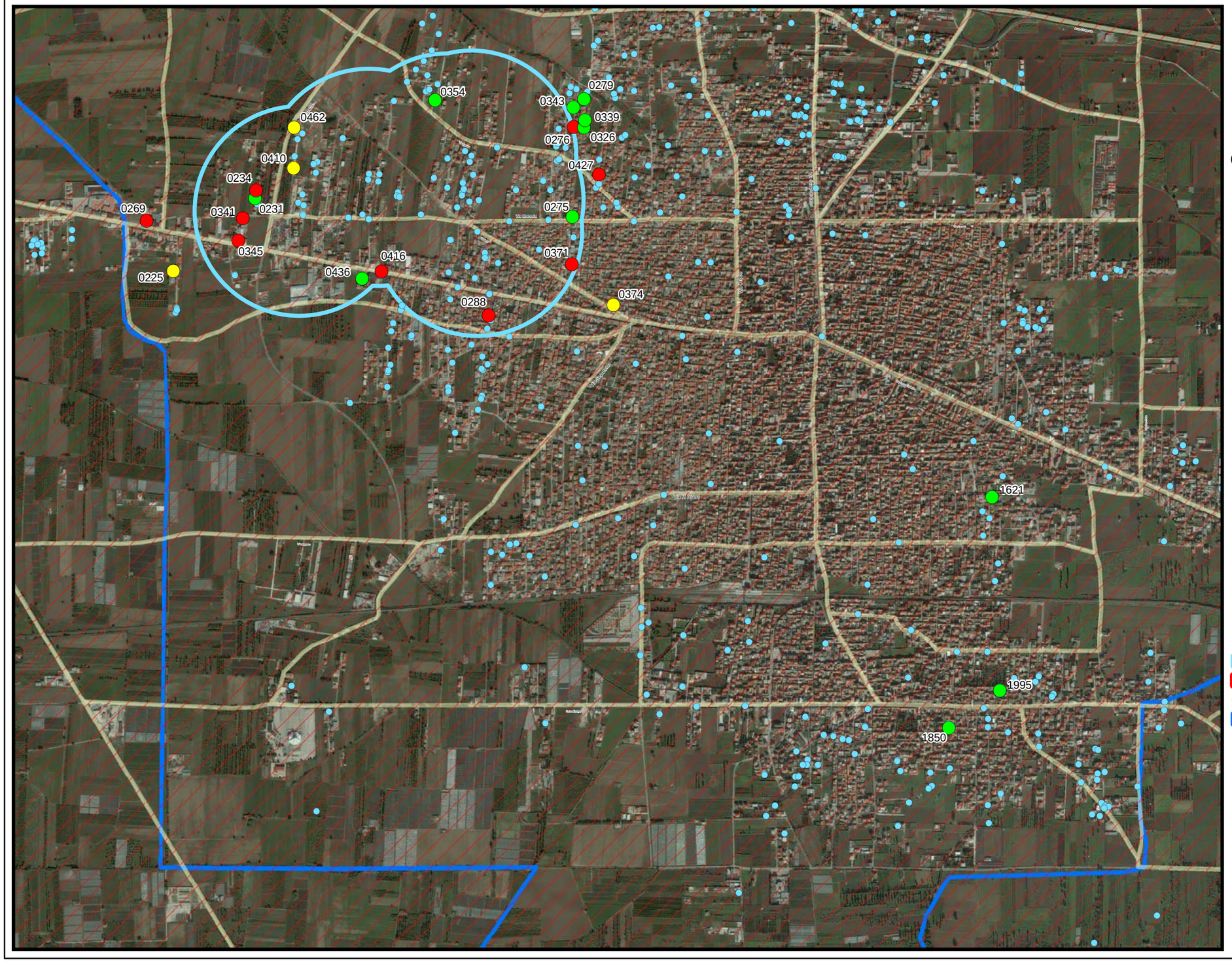
- ASG Concentrations > 95th Percentile Regional AA Concentration
- ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations
- 1500 Foot Step Out Buffer
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 150 300 600 900 1,200
Meters

Drawn By: MP 4 13 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

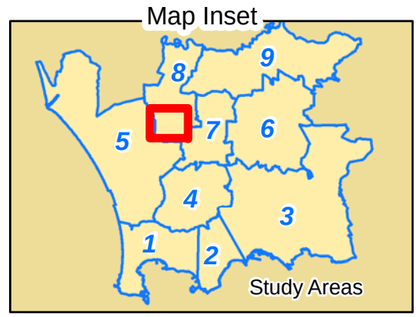
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NAVFAC

TETRA TECH

Figure 4-2
Comparison of Attenuated ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

- Attenuated ASG Concentrations > 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations Marginally Greater than 95th Percentile Regional AA Concentration
- Attenuated ASG Concentrations < 95th Percentile Regional AA Concentration
- Home Locations
- 1500 Foot Step Out Buffer
- New Lease Suspension Zones
- Major Roads
- Study Area Boundary (1-9)

0 150 300 600 900 1,200
Meters

Drawn By: MP 4 13 10
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

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5.0 VILLA LITERNO ACTIVE SOIL GAS AND TAP WATER SAMPLING

Villa Literno is a *comune* located in Study Area 5. Two properties within Villa Literno, #1767 sampled during the Pilot Study and #2016 sampled as part of the Phase II investigation (**Figure 1-8**) have an inhalation CEF in tap water associated with PCE that exceeds the risk criterion, i.e., CEF is greater than 10, which according to the processes established for this investigation, would trigger step-out sampling. However, at the time of sampling, no homes occupied by Navy personnel or on the Navy housing inventory were located within 500 feet of these residences. Because a majority of the homes in Villa Literno were recognized as obtaining their drinking water from private wells, the Project Team decided to sample homes within Villa Literno for ASG and for tap water if it could be reasonably be determined that the tap water supply was from a private well. Field personnel collected samples from four residences, one of which receives water from a municipal water supply. At three of the residences, field personnel also collected concurrent ambient air samples.

5.1 ACTIVE SOIL GAS

Five VOCs were detected in Villa Literno ASG samples at concentrations greater than ASG RSLs. In accordance with criteria established for this regional screening assessment, the ASG RSL is equal to 10 times the residential air RSL to account for a 10-fold attenuation associated with vapor intrusion between soil gas concentrations and indoor air concentrations. Concentrations of PCE and acrolein were greater than the ASG RSL at three of the four residences, chloroform was greater than the ASG RSL at two residences, and benzene and 1,2-dibromoethane were greater than ASG RSLs at only one residence (**Table 5-1**). These contaminants were also present in soil gas at concentrations greater than the 95th percentile regional AA concentrations (**Table 5-2**) determined during the Phase II air sampling investigation (**Section 2.0**), All of the four sampled residences had at least one contaminant with an ASG concentration greater than the 95th percentile regional AA concentration. After applying the attenuation factor to the soil gas concentration and comparing it the 95th percentile regional AA concentration, only two of the four residences had at least one contaminant with an ASG concentration greater than the 95th percentile regional AA concentration. **Figure 5-1** shows the locations of the ASG RSLs exceedances, and **Figure 5-2** illustrates these comparisons to regional ambient air concentrations.

5.2 TAP WATER

5.2.1 Villa Literno – Houses Supplied by Wells or Unknown Sources

Table 5-3 presents the chemicals detected in four tap water samples collected from dwellings that received water from wells or unknown sources in the Villa Literno area. VOCs, dioxins/furans, inorganics,

chloride, fluoride, nitrate, and sulfate were frequently detected in the well or unknown source water samples.

- Four VOCs (bromoform, chloroform, PCE, and TCE) were detected in the four samples collected. VOCs were detected frequently, with the exception of bromoform which was detected once at a concentration less than the RSL. Chloroform was detected in three samples, in one sample at a concentration exceeding its tap water and inhalation RSLs. PCE was detected in all four samples at concentrations exceeding the tap water RSL and in three samples at concentrations exceeding its MCL. TCE was detected in three samples, all at concentrations less than the RSL. With the exception of PCE, concentrations of all VOCs in all samples were less than MCLs.

- Dioxins/furans were detected in all samples collected. TEQ concentrations were less than the RSL and MCL in all samples.

- No SVOCs were detected in the well or unknown source water samples in Villa Literno.

- No pesticides or PCBs were detected in the well or unknown source water samples collected in Villa Literno.

- Metals were detected frequently in the samples collected. Concentrations of arsenic exceeded the tap water RSL in all samples and were greater than 100 times the carcinogenic RSL in three samples. However, the arsenic concentrations were all less than the MCL. The zinc concentration in one sample exceeded its RSL and the uranium concentration exceeded its MCL in one sample. Uranium was detected in all samples at concentrations exceeding the carcinogenic tap water RSL (based on radioactivity), but only one sample had a concentration greater than the MCL. Concentrations of the other detected metals were less than the RSLs and MCLs in all samples. Metals concentrations are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, nitrate, fluoride, and sulfate were frequently detected in the samples collected. Nitrite was detected in one sample. Nitrate concentrations were less than the RSL, but greater than the MCL in all four samples. Concentrations of the remaining parameters were less than tap water RSLs and MCLs in all samples.

- Gross alpha radioactivity was less than the MCL in all samples and gross beta radioactivity was greater than the MCL in all samples. Exceedance of the gross beta MCL triggered radionuclide speciation, results of which indicated that all samples were less than the MCL (**Section 9.0**).

- Two microbiological parameter detections were reported. Total coliform was greater than the MCL in three samples. Fecal coliform was greater than the MCL in one sample.

In summary, concentrations of VOCs (four samples) and metals (four samples) exceeded the tap water RSL and VOCs (one sample) and uranium (one sample), total coliform (three samples) and fecal coliform (one sample) exceeded MCLs in the well or unknown source tap water samples collected from Villa Literno. **Figure 5-1** shows the locations of the exceedances.

5.2.2 Villa Literno – House Supplied by Municipal Water

Table 5.3 presents the chemicals that were detected in one tap water sample collected from a dwelling in Villa Literno that receives its water from a municipal water supply.

- The VOCs detected were the trihalomethanes, bromoform and chlorodibromomethane, disinfectant by-products associated with water treatment. Bromoform was detected at a concentration less than the RSL and chlorodibromomethane was detected at a concentration that exceeds the tap water RSL. Both concentrations were less than MCLs.

- Dioxins/furans were detected in the sample collected. The TEQ concentration was greater than the RSL, but less than the MCL.

- No SVOCs were detected in the municipal water sample collected in Villa Literno.

- No pesticides or PCBs were detected in the municipal water sample collected in Villa Literno.

- Numerous metals were detected. Arsenic was detected at concentrations greater than the tap water RSL and greater than 100 times the carcinogenic RSL. However, arsenic concentrations were less than its MCL. Concentrations of the other detected metals were less than the RSL and MCL in all samples. Metals concentrations are considered to be consistent with naturally occurring background levels (**Tetra Tech, 2009a).**

- Chloride, fluoride, nitrate, and sulfate were detected at concentrations less than the applicable tap water RSLs and MCLs.

- Gross beta radioactivity exceeded the MCL and triggered radionuclide speciation, the result of which results of the speciation indicated that the sample radioactivity was less than the MCL (**Section 9.0**).

- No microbiological parameter detections were reported

In summary, concentrations of VOCs, dioxins/furans, and arsenic exceeded tap water RSLs in the one municipal water sample collected from Villa Literno. No concentrations exceeded MCLs. **Figure 5-1** shows the locations of the exceedances.

5.3 SUMMARY OF VILLA LITERNO RESIDENCES

PCE was prevalent at concentrations greater than screening criteria in the tap water and soil gas. At the four properties where PCE was detected in water at concentrations greater than its tap water RSL, PCE was also detected in soil gas. At the three properties where PCE was detected in water at concentrations greater than its MCL, PCE was detected in soil gas at a concentration greater than its soil gas RSL at one residence and at concentrations greater than ten times its soil gas RSL at two residences.

TABLE 5-1

VILLA LITERNO RESIDENCES
RESIDENTIAL AMBIENT AIR AND ACTIVE SOIL GAS
DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location			1751	1751	1756	1756	1766	1771	1771
Sample ID			1751AA001	1751SG001	1756AA001	1756SG001	1766SG001	1771AA001	1771SG001
Residential / Government			RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	RSL	RSL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Matrix	Air	Soil Gas	AS	SG	AS	SG	SG	AS	SG
Sample Date	[A]	[SG]	20090708	20090708	20090616	20090616	20090518	20090611	20090611
Study Area			STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID			6131224406087	6131224406087	6131222602002	6131222602002	6131826808007	6131222602080	6131222602080
Likely Water Source			WELL	WELL	WELL	WELL	WELL	WELL	WELL
Shaded cell indicates exceedances of screening level									
Volatile Organics (ug/m3)									
1,1,1,2-TETRACHLOROETHANE	0.33	3.3	0.18 U	0.18 U	**0.437 [A]**	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	5200	52000	0.231 J	0.464	0.15 U	0.21 J	2.35	0.195 J	0.381
1,1,2,2-TETRACHLOROETHANE	0.042	0.42	**0.3 [A]**	0.04 U	0.04 U	0.04 U	0.04 U	**0.193 [A]**	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	31000	310000	0.857	1.4	0.834	0.782	0.573	0.817	0.841
1,1-DICHLOROETHANE	1.5	15	0.165 J	0.177 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	210	2100	0.152 J	0.173 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	NC	NC	0.4 U	0.4 U	0.532 J	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.31	3.1	0.07 U	0.07 U	**0.381 [A]**	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	2.1	21	0.19 U	0.623 U	0.656	0.578	0.429	0.574 U	0.672 U
1,2,4-TRIMETHYLBENZENE	7.3	73	0.838	0.69	0.193 J	0.284	1.19	0.292	3.72
1,2-DIBROMO-3-CHLOROPROPANE	0.00016	0.0016	0.1 U	0.1 U	**0.6 [A]**	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.0041	0.041	**0.282 [A]**	**0.369 [SG]**	0.12 U	0.12 U	0.12 U	**0.178 J [A]**	0.12 U
1,2-DICHLOROBENZENE	210	2100	0.248 U	0.363 U	0.237	0.1 U	0.1 U	0.219 U	0.233 U
1,2-DICHLOROETHANE	0.094	0.94	**0.235 [A]**	0.246	**0.216 [A]**	0.1 U	0.1 U	**0.206 [A]**	0.1 U
1,2-DICHLOROPROPANE	0.24	2.4	**0.343 [A]**	0.238	**0.271 [A]**	0.09 U	0.09 U	0.176 J	0.09 U
1,3,5-TRIMETHYLBENZENE	NC	NC	0.386	0.376	0.156 J	0.195 J	0.05 U	0.174 J	1.26
1,3-BUTADIENE	0.081	0.81	0.49 U	0.49 U	0.49 U	0.536 J	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	NC	NC	0.242 U	0.366 U	0.223	0.211	0.09 U	0.204 U	0.243 U
1,4-DICHLOROBENZENE	0.22	2.2	0.239 U	0.357 U	**0.226 [A]**	0.215	0.09 U	0.206 U	0.231 U
2-BUTANONE	5200	52000	1.84	4.42	1.34	1.74	1.87	0.796	5.67
ACETONE	32000	320000	17.7	46.2	13.4	17.4	10.7	7.55	29.2
ACETONITRILE	63	630	0.38 U	0.83	0.47 J	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	NC	NC	1.02 U	1.02 U	1.02 U	1.19 J	5.35	1.02 U	1.02 U
ACROLEIN	0.021	0.21	**0.691 J [A]**	**0.495 J [SG]**	**0.658 J [A]**	**1.2 [SG]**	**2.45 [SG]**	0.41 U	0.41 U
ACRYLONITRILE	0.036	0.36	0.2 U	0.226 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.31	3.1	**0.731 [A]**	2.41	0.252	1.41	0.209	**0.349 [A]**	**13.9 [SG]**
BROMODICHLOROMETHANE	0.066	0.66	**0.222 J [A]**	0.317	0.15 U	0.163 J	0.15 U	**0.153 J [A]**	0.15 U
BROMOFORM	2.2	22	0.11 U	0.445	0.11 U	0.11 U	0.11 U	0.231 J	0.11 U
BROMOMETHANE	5.2	52	0.248	0.2 J	0.142 J	0.105 J	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	730	7300	0.186 J	0.992	0.143 J	1.11	1.86	0.117 J	1.29
CARBON TETRACHLORIDE	0.16	1.6	**0.702 [A]**	0.291 J	**0.748 [A]**	0.171 J	0.13 U	**0.717 [A]**	0.357
CHLOROBENZENE	52	520	0.207	0.274	0.18 J	0.268	0.04 U	0.162 J	0.193 J
CHLORODIBROMOMETHANE	0.09	0.9	**0.257 J [A]**	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	10000	100000	0.156 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.11	1.1	**0.286 [A]**	**3.22 [SG]**	0.11 U	0.952	0.817	**0.198 J [A]**	**1.35 [SG]**
CHLOROMETHANE	94	940	1.76	0.253	1.51	0.218	0.07 U	1.45	0.07 U
CIS-1,3-DICHLOROPROPENE	0.61	6.1	0.158 J	0.191 J	0.04 U	0.04 U	0.04 U	0.0975 J	0.04 U

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[A]-Exceeds Air RSL
[SG]-Exceeds Soil Gas RSL

TABLE 5-1

VILLA LITERNO RESIDENCES
RESIDENTIAL AMBIENT AIR AND ACTIVE SOIL GAS
DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location			1751	1751	1756	1756	1766	1771	1771
Sample ID			1751AA001	1751SG001	1756AA001	1756SG001	1766SG001	1771AA001	1771SG001
Residential / Government			RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	RSL	RSL	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Matrix	Air	Soil Gas	AS	SG	AS	SG	SG	AS	SG
Sample Date	[A]	[SG]	20090708	20090708	20090616	20090616	20090518	20090611	20090611
Study Area			STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID			6131224406087	6131224406087	6131222602002	6131222602002	6131826808007	6131222602080	6131222602080
Likely Water Source			WELL	WELL	WELL	WELL	WELL	WELL	WELL
Shaded cell indicates exceedances of screening level									
CYCLOHEXANE	6300	63000	0.55	0.604	0.11 U	0.212	0.874	0.11 U	0.11 U
DIBROMOMETHANE	4.2	42	0.15 U	0.15 U	0.471	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	210	2100	3.13	6.59	2.89	1.75	3.31	3.07	55.6
ETHYLBENZENE	0.97	9.7	**1.06 [A]**	7.03	0.188 J	1.12	0.03 U	0.272	5.03
HEXACHLOROBUTADIENE	0.11	1.1	**0.627 [A]**	0.664	**0.515 [A]**	0.552	0.24 U	0.578 U	0.691 U
HEXACHLOROETHANE	0.61	6.1	0.07 U	0.07 U	0.498	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	730	7300	1.19	0.668	0.17 U	0.518	0.468	0.17 U	28
ISOBUTANOL	NC	NC	0.46 U	1.77	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	420	4200	0.07 U	0.165 J	0.273	0.07 U	0.07 U	0.07 U	0.533
M+P-XYLENES	730	7300	4.23	4.36	0.441	1.03	0.408	0.723	7.8
METHYL ACETATE	NC	NC	0.27 U	0.27 U	0.346 J	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	NC	0.505	0.494	0.217	0.08 U	1.25	0.08 U	1.87
METHYL TERT-BUTYL ETHER	9.4	94	0.767	0.17 U	0.17 U	0.17 U	0.17 U	0.227 J	0.17 U
METHYLENE CHLORIDE	5.2	52	1.41	0.319	0.616	1.25	0.837	0.367	0.485
NAPHTHALENE	0.072	0.72	0.22 U	0.22 U	**0.461 [A]**	0.488	**1.14 [SG]**	0.22 U	0.342 U
O-XYLENE	730	7300	1.1	2.24	0.186 J	0.522	0.06 U	0.281	3.69
PENTACHLOROETHANE	NC	NC	0.25 U	0.25 U	0.445 J	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	1000	10000	0.619	16.8	0.14 J	0.605	0.07 U	0.152 J	0.07 U
TETRACHLOROETHENE	0.41	4.1	1.45 U	**170 [SG]**	1.45 U	**288 [SG]**	3.09	1.45 U	**34.1 [SG]**
TOLUENE	5200	52000	5.91	4.22	0.692	1.71	0.722	0.849	17.6
TRANS-1,2-DICHLOROETHENE	63	630	0.159 J	0.18 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.61	6.1	0.163 J	0.22	0.07 U	0.07 U	0.07 U	0.109 J	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.00058	0.0058	0.17 U	0.17 U	**0.341 J [A]**	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	1.2	12	0.184 J	0.311	0.161 J	0.08 U	0.08 U	0.17 J	0.08 U
TRICHLOROFLUOROMETHANE	730	7300	1.66	10.3	1.66	3.07	17.8	1.69	468
VINYL ACETATE	210	2100	0.138 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[A]-Exceeds Air RSL
[SG]-Exceeds Soil Gas RSL

TABLE 5-2

VILLA LITERNO RESIDENCES
COMPARISON OF RESIDENTIAL ACTIVE SOIL GAS DATA TO AMBIENT AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

GPS ID	Study Area	Contaminant Greater than ASG RSL	AA	SG	95th%ile	SG>AA?	SG>95th%ile AA?	0.1SG>95th%ile AA?
1751	5	1,2-DIBROMOETHANE	0.282	0.369	0.51	YES	NO	NO
		ACROLEIN	.691 J	.495 J	1.02	NO	NO	NO
		CHLOROFORM	0.286	3.22	0.58	YES	YES	NO
		PCE	1.45 U	170	4.65	YES	YES	YES
1756	5	ACROLEIN	0.658 J	1.2	1.02	YES	YES	NO
		CHLOROFORM	0.11 U	0.952	0.58	YES	YES	NO
		PCE	1.45 U	288	4.65	YES	YES	YES
1766	5	ACROLEIN	NA	2.45	1.02	NA	YES	NO
1771	5	BENZENE	0.349	13.9	2.33	YES	YES	NO
		PCE	1.45 U	34.1	4.65	YES	YES	NO

AA-Ambient Air
SG-Soil Gas
95th%ile-95th Percentile Concentration of Regional Ambient Air

TABLE 5-3

VILLA LITERNO RESIDENCES
WATER SAMPLES
DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location						1751	1756	1766	1766-PBL	1771
Sample ID						1751TW001	1756TW001	1766IW001	1766TW001	1771TW001
Residential / Government	Federal	RSL	100 x C	10 x NC	RSL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	MCL	Tap Water	Tap Water RSL	Tap Water RSL	Inhalation Only	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	[F]	[R]	[C]	[NC]	[INH]	20090708	20090616	20090518	20090518	20090611
Study Area						STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09
Premise ID						6131224406087	6131222602002	6131826808007	6131826808007	6131222602080
Likely Water Source						WELL	WELL	WELL	PUBLIC	WELL
Shaded cell indicates exceedances of screning level										
Blank Cells indicate that parameter was not analyzed.										
Dioxins/Furans (NG/L)										
1,2,3,4,7,8,9-HPCDF	NC	0.052	5.2	NC	NC	0.00028 U	0.00034 U	0.00074 U	0.00052 U	0.00081 J
1,2,3,4,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00031 U	0.00015 U	0.00031 J	0.00033 U	0.00043 U
1,2,3,6,7,8-HXCDD	NC	0.0052	0.52	NC	NC	0.00026 U	0.00027 U	0.00022 J	0.00026 J	0.00053 U
1,2,3,7,8,9-HXCDD	NC	0.0052	0.52	NC	NC	0.00026 U	0.00039 U	0.00022 U	0.000284 U	0.00034 J
1,2,3,7,8,9-HXCDF	NC	0.0052	0.52	NC	NC	0.00024 U	0.00056 J	0.00041 J	0.00035 J	0.000503 U
1,2,3,7,8-PECDD	NC	0.00052	0.052	NC	NC	0.000424 U	0.00041 U	0.00034 U	0.0005 J	0.000503 U
1,2,3,7,8-PECDF	NC	0.017	1.7	NC	NC	0.0004 U	0.00034 U	0.00041 U	0.00026 U	0.00029 J
2,3,4,6,7,8-HXCDF	NC	0.0052	0.52	NC	NC	0.000212 U	0.00044 U	0.00043 J	0.000283 U	0.000455 U
2,3,7,8-TCDD	0.03	0.00052	0.052	0.37	NC	0.00026 J	0.00032 U	0.00031 J	0.000283 U	0.00034 U
2,3,7,8-TCDF	NC	0.0052	0.52	NC	NC	0.00052 J	0.001 U	0.00065 U	0.00064 U	0.00053 J
TEQ	NC	0.00052	0.052	0.37	NC	0.000312	0.000056	0.000447	**0.000561 [R]**	0.000104
TOTAL HPCDD	NC	NC	NC	NC	NC	0.0023 J	0.0018 J	0.0007 J	0.0014 J	0.0022 J
TOTAL HPCDF	NC	NC	NC	NC	NC	0.0019 J	0.0026 J	0.0018 J	0.0011 J	0.0021 J
TOTAL HXCDD	NC	NC	NC	NC	NC	0.0015 J	0.00078 J	0.0007 U	0.000874 U	0.0013 J
TOTAL HXCDF	NC	NC	NC	NC	NC	0.00097 J	0.0021 J	0.0017 J	0.0012 J	0.0018 U
TOTAL PECDD	NC	NC	NC	NC	NC	0.0013 J	0.00041 J	0.00034 U	0.0005 J	0.000503 U
TOTAL PECDF	NC	NC	NC	NC	NC	0.0011 J	0.0017 J	0.00098 J	0.00064 J	0.0006 U
TOTAL TCDD	NC	NC	NC	NC	NC	0.00064 U	0.00068 J	0.000862 U	0.00085 U	0.001005 U
TOTAL TCDF	NC	NC	NC	NC	NC	0.00059 J	0.0013 J	0.0007 J	0.00078 J	0.00074 J
Volatile Organics (UG/L)										
BROMOFORM	80	8.5	850	7300	NC	1.82	0.06 U	0.06 U	3.14	0.06 U
CHLORODIBROMOMETHANE	80	0.15	15	7300	NC	0.1 U	0.1 U	0.1 U	**1.65 [R]**	0.1 U
CHLOROFORM	80	0.19	19	1300	0.21	**0.227 J [R] [INH]**	0.119 J	0.09 U	0.09 U	0.123 J
TETRACHLOROETHENE	5	0.11	11	2200	0.82	**20.9 [F] [R] [C] [INH]**	**15.4 [F] [R] [C] [INH]**	**1.55 [R] [INH]**	0.1 U	**9.91 [F] [R] [INH]**
TRICHLOROETHENE	5	2	200	NC	2.4	0.141 J	0.219 J	0.295 J	0.13 U	0.13 U
Radiological Parameters (PCI/L)										
GROSS ALPHA	15	NC	NC	NC	NC	5.35 J	5.13	5.21	2.81 U	6.71
GROSS BETA	8	NC	NC	NC	NC	**35.4 [F]**	**39 [F]**	**35.5 [F]**	**11.9 [F]**	**42.9 [F]**
Inorganics (UG/L)										
ALUMINUM	NC	37000	NC	370000	NC	5.15	2.96	52.6	3.67	4.78
ANTIMONY	6	15	NC	150	NC	0.154	0.224	0.14 U	0.14 U	0.233
ARSENIC	10	0.045	4.5	110	NC	**5.56 [R] [C]**	**8.49 [R] [C]**	**3.61 [R]**	**6.33 [R] [C]**	**9.25 [R] [C]**
BARIUM	2000	7300	NC	73000	NC	9.53	7.75	6.05	16.4	9.9
BERYLLIUM	4	73	NC	730	NC	0.179 U	0.141 J	0.156	0.187	0.169
CADMIUM	5	18	NC	180	NC	0.04 U	0.04 U	0.04 U	0.625	0.134
CHROMIUM	100	NC	NC	NC	NC	0.156	0.178 J	0.262	0.57	0.25
COBALT	NC	11	NC	110	NC	0.316	0.193 J	0.13	0.0538	0.501
COPPER	1300	1500	NC	15000	NC	39.3	211	21.9	157	223
IRON	NC	26000	NC	260000	NC	111	73.9 J	36.1	15.5	15.6
LEAD	15	NC	NC	NC	NC	1.48	0.841 U	2.63	11.4	2.8
MANGANESE	NC	880	NC	8800	NC	2.53	0.132 U	3.72	0.56	0.103 U

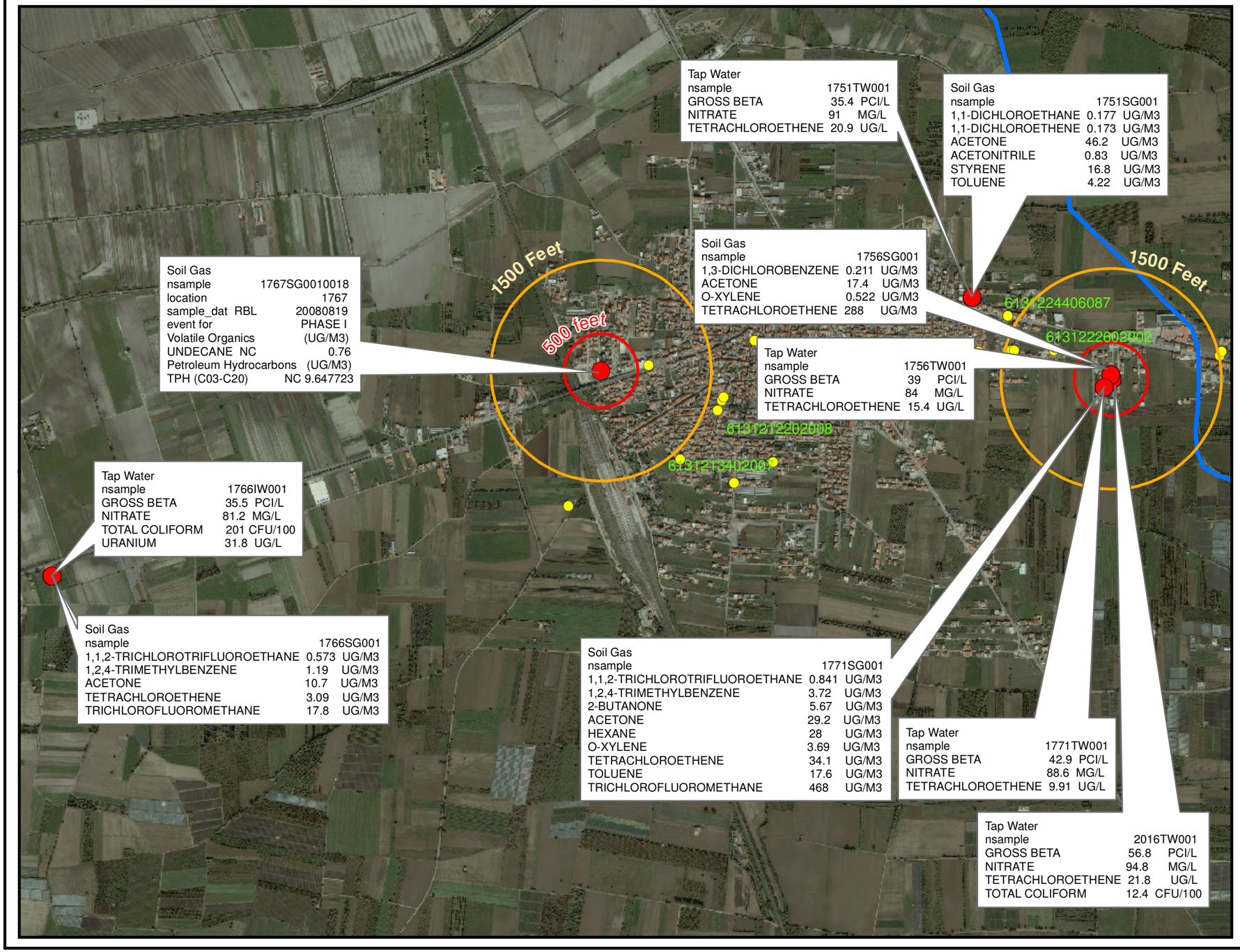
NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[R]-Exceeds TW RSL

TABLE 5-3

VILLA LITERNO RESIDENCES
WATER SAMPLES
DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location Sample ID Residential / Government Event Sample Date Study Area Premise ID Likely Water Source	Federal MCL [F]	RSL Tap Water [R]	100 x C Tap Water RSL [C]	10 x NC Tap Water RSL [NC]	RSL Inhalation Only [INH]	1751 1751TW001 RESIDENTIAL PHASE II 20090708 STUDY AREA 05 6131224406087 WELL	1756 1756TW001 RESIDENTIAL PHASE II 20090616 STUDY AREA 05 6131222602002 WELL	1766 1766IW001 RESIDENTIAL PHASE II 20090518 STUDY AREA 05 6131826808007 WELL	1766-PBL 1766TW001 RESIDENTIAL PHASE II 20090518 STUDY AREA 05 6131826808007 PUBLIC	1771 1771TW001 RESIDENTIAL PHASE II 20090611 STUDY AREA 09 6131222602080 WELL
Shaded cell indicates exceedances of screning level Blank Cells indicate that parameter was not analyzed.										
MERCURY	2	0.57	NC	5.7	0.63	0.015 U	0.015 U	0.031	0.04	0.015 U
NICKEL	NC	730	NC	7300	NC	66.9	0.171 U	51	3.14	2.95
SELENIUM	50	180	NC	1800	NC	0.294	0.417	0.706	0.2 U	0.313
THALLIUM	2	NC	NC	NC	NC	0.04 U	0.04 U	0.04 U	0.04 U	0.0653
TIN	NC	22000	NC	220000	NC	0.259	0.34	0.144	0.1 U	0.496
URANIUM	30	1.63	163	1100	NC	**5.94**	**15.7**	**31.8 [F]**	**2.5**	**17.2**
VANADIUM	NC	180	NC	2600	NC	4	12.5 J	5.55	8.3	12.6
ZINC	NC	11000	NC	110000	NC	109	19 J	**17900 [R]**	4860	688
Inorganics (MG/L)										
CALCIUM	NC	NC	NC	NC	NC	124	101	93.3	118	125
MAGNESIUM	NC	NC	NC	NC	NC	22.5	23.2	25.9	18.4	26.2
POTASSIUM	NC	NC	NC	NC	NC	23.7	44.6	41.6	14.9	44.7
SODIUM	NC	NC	NC	NC	NC	44.2	66	80.6	17.6	81.9
Microbiological Parameters (CFU/100)										
FECAL COLIFORM	0	NC	NC	NC	NC	**5.3 [F]**	1 <	1 <	1 <	1 <
TOTAL COLIFORM	0	NC	NC	NC	NC	**200.5 [F]**	**2 [F]**	201 >	1 <	1 <
Miscellaneous Parameters (MG/L)										
CHLORIDE	NC	NC	NC	NC	NC	82.5	87	89.7	15.5	99.4
FLUORIDE	4	1.5	NC	15	NC	1.02	1.06	1.11	0.658	1
NITRATE	44.3	58	NC	580	NC	**91 J [F]**	**84 [F]**	**81.2 [F]**	6.83	**88.6 J [F]**
NITRITE	3.29	12.21	NC	37	NC	0.2 UR	0.2 U	0.705	0.2 U	0.2 U
SULFATE	NC	NC	NC	NC	NC	65.1	64.8	59.1	6.71	74
Field Parameters										
CHLORINE (MG/L)	4	3.7	NC	37	NC	0.08	0	0	0.1	0
DISSOLVED OXYGEN (MG/L)	NC	NC	NC	NC	NC	8.79	9.45	7.97	6.67	7.78
OXIDATION REDUCTION POTENTIAL (MV)	NC	NC	NC	NC	NC	347	151	180	209	257
PH (S.U.)	NC	NC	NC	NC	NC	6.89	6.99	6.98	7.18	6.82
SALINITY (%)	NC	NC	NC	NC	NC	0.02	0.03	0.03	0.02	0.04
SPECIFIC CONDUCTANCE (MS/CM)	NC	NC	NC	NC	NC	0.845	1.12	0.983	0.658	1.27
TEMPERATURE (C)	NC	NC	NC	NC	NC	18.87	19.48	25.27	29.12	20.31
TURBIDITY (NTU)	NC	NC	NC	NC	NC	0	0	9.4	0	0.2

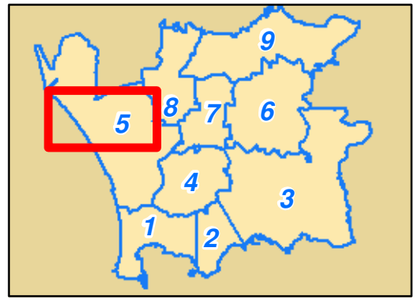
NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
R-Rejected value
[C] -Exceeds 100x Cancer Tap Water (TW) RSL
[F]-Exceeds MCL
[INH]-Exceeds the Inhalation TW RSL
[R]-Exceeds TW RSL



NAVFAC

TETRA TECH

Figure 5-1
Villa Literno
Water and Soil Gas Exceedance Locations
Naples Public Health Evaluation
Naples, Italy



Legend

- **Previous Sample Locations**
- **Villa Literno Homes 06 02 09**
- **Study Area Boundary (1-9)**

Homes without location ids are listed with premise ids.

0 125 250 500 750 1,000 Meters

Drawn By: LR 6/02/09
Checked By: RK
Approved By: RK

Contract Number: 112G01349 - CTO 0131

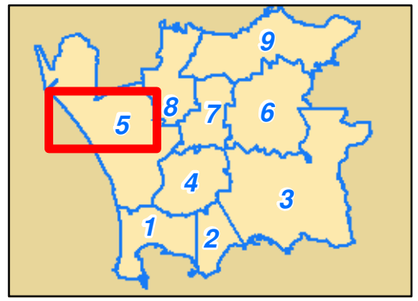
Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II Villa Literno homes 04 12 2010.mxd)
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NAVFAC

TETRA TECH

Figure 5-2
Villa Literno Residences
Comparison of Attenuated ASG Concentrations to 95th Percentile Regional AA Concentrations
Naples Public Health Evaluation
Naples, Italy



Legend

- Attenuated ASG Concentrations > 95th %ile Regional AA Concentration
- Attenuated ASG Concentrations < 95th %ile Regional AA Concentration
- Home Locations
- Major Roads
- New Lease Suspension Zones
- 500 Foot Step Out Buffer
- 1500 Foot Step Out Buffer
- Study Area Boundary (1-9)

Homes without location ids are listed with premise ids.

0 125 250 500 750 1,000 Meters

Drawn By: LR 6/02/09
Checked By: RK
Approved By: RK

Contract Number: 112G01349 - CTO 0131

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6.0 ACTIVE SOIL GAS RE-SAMPLING OF PHASE I RESIDENCES EXCEEDING RISK CRITERIA BASED ON PASSIVE SOIL GAS RESULTS

During the Phase I investigation, soil gas sampling was conducted using passive collection techniques. PSG results are qualitative in nature, but associated concentrations of contaminants in soil gas were estimated based on assumptions about soil conditions. These semi-quantitative soil gas results, in combination with results from other sampled media, resulted in exceedances of the Project Team's risk criteria at seven Phase I homes (**Table 1-3**). To confirm these exceedances, ASG results were collected from these sampling locations (**Figure 6-1**). **Table 6-1** summarizes the results of the PSG and ASG samples for these seven residences.

6.1 COMPARISON OF PSG AND ASG RESULTS

Residence 0199

Residence 0199 is located in Study Area 6. During the Phase I investigation, the Project Team concluded that concentrations of contaminants in soil, water and PSG resulted in unacceptable risk. Chloroform was the principal contaminant contributing to risk in the PSG sample. In the ASG sample, chloroform and PCE concentrations exceeded soil gas RSLs. The chloroform concentration in the ASG sample was less than but within the same order of magnitude as the concentration in the PSG sample.

Residence 0238

Residence 0238 is located in Study Area 8. During the Phase I investigation, PCE was the only contaminant in the PSG sample that exceeded its soil gas RSL and rendered the risk unacceptable. PCE, TCE, and chloroform concentrations in the ASG sample exceeded soil gas RSLs. The PCE ASG concentration was an order of magnitude greater than the PCE PSG concentration.

Residence 0548

Residence 0548 is located in Study Area 6. The unacceptable risk at this location was attributable to the cumulative inhalation risk associated with carbon tetrachloride and chloroform concentrations in tap water. The unacceptable risk was not due to the concentrations of contaminants in the PSG sample. However, the ASG result indicated that 1,2-dibromoethane, acrolein, carbon tetrachloride, chloroform, and PCE were detected at concentrations greater than soil gas RSLs.

Residence 0831

Residence 0831 is located in Study Area 6. PCE and TCE concentrations in the PSG sample exceeded the soil gas RSLs and rendered the risk unacceptable. In the ASG sample, PCE, TCE, benzene, and chloroform concentrations exceeded soil gas RSLs. PCE and TCE ASG concentrations were within the same order of magnitude as the PSG concentrations.

Residence 0949

Residence 0949 is located in Study Area 5. PCE and TCE concentrations in the PSG sample exceeded the soil gas RSLs and rendered the risk unacceptable. In the ASG sample, PCE and ethylbenzene concentrations exceeded soil gas RSLs. TCE was not detected in the ASG sample. In contrast, ethylbenzene was not detected in the PSG sample. The PCE concentration in the ASG sample was two orders of magnitude less than the PSG concentration.

Residence 1151

Residence 1151 is located in Study Area 5. Chloroform was the only contaminant in the PSG sample at a concentration that exceeded its soil gas RSL, resulting in an unacceptable risk. In the ASG sample, chloroform, PCE, 1,2-dichloropropane, acrolein, and hexachlorobutadience were greater than the soil gas RSLs. PCE was not detected in the PSG sample. The chloroform concentration in the ASG sample was two orders of magnitude less than the PSG concentration.

Residence 1157

Residence 1157 is located in Study Area 5. PCE and chloroform concentrations in the PSG sample exceeded the soil gas RSLs and rendered the risk unacceptable. In the ASG sample, PCE was the only contaminant that exceeded its soil gas RSL. Chloroform was not detected in the ASG sample.

6.2 SUMMARY

PCE was detected in all seven ASG samples. PCE concentrations in all seven ASG samples were greater than the ten times its ASG RSL. No direct correlation could be drawn between the presence of contaminants in PSG and ASG samples. However, the large span of time between sample collection contributes to the uncertainty associated with evaluating this correlation. At best, it demonstrates the variability associated with the presence of contaminants in soil gas samples.

TABLE 6-1

ACTIVE SOIL GAS SAMPLES AT HOMES WITH UNACCEPTABLE PASSIVE SOIL GAS RESULTS
DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		0199	0199	0238	0238	0548	0548	0548	0548	0831	0831	0949	0949
Sample ID	RSL	0199SG0010018	0199SG002	0238SG0010018	0238SG002	0548SG0010018	0548SG004	0548SG004-AVG	0548SG004-D	0831SG0010018	0831SG002	0949SG0010018	0949SG002
Residential / Government	Soil Gas	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	[R]	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE
Soil Gas		PSG	ASG	PSG	ASG	PSG	ASG	ASG	ASG	PSG	ASG	PSG	ASG
Sample Date		20080709	20090328	20080616	20090401	20080717	20090610	20090610	20090610	20080723	20090421	20080716	20090415
Study Area		STUDY AREA 06	STUDY AREA 06	STUDY AREA 08	STUDY AREA 08	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 05	STUDY AREA 05
Premise ID		6113605004110	6113605004110	6132237501010	6132237501010	6113903102136	6113903102136	6113903102136	6113903102136	6111204602152	6111204602152	6322768324424	6322768324424
Likely Water Source		PUBLIC	PUBLIC	WELL	WELL	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level													
Blank Cells indicate that parameter was not analyzed.													
Volatile Organics (ug/m3)													
1,1,1-TRICHLOROETHANE	52000	1.786984 U	0.953	1.786984 U	0.15 U	1.786984 U	0.283 J	0.2745 J	0.266 J	1.481766	8.22	1.786984 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.42	2.791239 U	0.04 U	2.791239 U	0.04 U	2.791239 U	0.161 J	0.0905 J	0.04 UJ	2.791239 U	0.04 U	2.791239 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000		0.08 U		0.776		0.833	0.8105	0.788		4.78		0.08 U
1,1-DICHLOROETHANE	15	3.956043 U	0.05 U	3.956043 U	0.05 U	3.956043 U	0.05 U	0.05 U	0.05 U	3.956043 U	0.05 U	3.956043 U	0.05 U
1,1-DICHLOROETHENE	2100	5.787206 U	0.1 U	5.787206 U	0.1 U	5.787206 U	0.1 U	0.1 U	0.1 U	5.787206 U	0.1 U	5.787206 U	0.1 U
1,2,4-TRICHLOROBENZENE	21		1.26		0.19 U		0.495 U	0.5165 U	0.538 U		0.19 U		0.19 U
1,2,4-TRIMETHYLBENZENE	73	1.198904 U	0.936	1.198904 U	0.05 U	1.198904 U	0.491	0.434	0.377	1.198904 U	2.31	1.198904 U	0.05 U
1,2-DIBROMOETHANE	0.041		0.12 U		0.12 U		0.12 U	**0.1095 J [R]**	**0.159 J [R]**		0.12 U		0.12 U
1,2-DICHLOROBENZENE	2100	10.181865 U	0.1 U	10.181865 U	0.1 U	10.181865 U	0.1 U	0.1275	0.205	10.181865 U	0.1 U	10.181865 U	0.1 U
1,2-DICHLOROPROPANE	2.4		0.09 U		0.09 U		0.09 U	0.09 U	0.09 U		0.09 U		0.09 U
1,3,5-TRIMETHYLBENZENE	NC	0.860297 U	0.34	0.860297 U	0.05 U	0.860297 U	0.22	0.201 J	0.182 J	0.860297 U	0.697	0.860297 U	0.05 U
1,3-DICHLOROBENZENE	NC	1.680145 U	0.09 U	1.680145 U	0.09 U	1.680145 U	0.09 U	0.09 U	0.09 U	1.680145 U	0.09 U	1.680145 U	0.09 U
1,4-DICHLOROBENZENE	2.2	1.866344 U	0.09 U	1.866344 U	0.09 U	1.866344 U	0.192 J	0.2 J	0.208	1.866344 U	0.09 U	1.866344 U	0.09 U
2-BUTANONE	52000		1.36		1.11		3.17	3.82	4.47		2.28		0.889
ACETONE	320000		13.6		8.9		14	16.05	18.1		14.1		5.5
ACETONITRILE	630		0.38 U		0.38 U		0.38 U	0.79	1.39		0.38 U		0.38 U
ACETOPHENONE	NC		1.02 U		1.02 U		8.14	9.12	10.1		1.02 U		15.1
ACROLEIN	0.21		0.41 U		0.41 U		**0.674 J [R]**	**0.982 J [R]**	**1.29 [R]**		0.41 U		0.41 U
ACRYLONITRILE	0.36		0.2 U		0.2 U		0.2 U	0.2 U	0.2 U		0.2 U		0.2 U
BENZENE	3.1	0.642986 U	0.511	0.642986 U	0.522	0.642986 U	0.404	0.383	0.362	0.642986 U	**4.38 [R]**	0.642986 U	1.92
BROMODICHLOROMETHANE	0.66		0.15 U		0.15 U		0.154 J	0.16 J	0.166 J		0.15 U		0.15 U
CARBON DISULFIDE	7300		0.407		1.86		0.283	0.282	0.281		1.12		0.935
CARBON TETRACHLORIDE	1.6	3.514017 U	0.13 U	3.514017 U	0.13 U	3.514017 U	**7.88 [R]**	**7.835 [R]**	**7.79 [R]**	3.514017 U	0.13 U	3.514017 U	0.13 U
CHLOROBENZENE	520	2.21646 U	0.04 U	2.21646 U	0.04 U	2.21646 U	0.128 J	0.1295 J	0.131 J	2.21646 U	0.04 U	2.21646 U	0.04 U
CHLORODIBROMOMETHANE	0.9		0.24 U		0.24 U		0.24 U	0.24 U	0.24 U		0.24 U		0.24 U
CHLOROETHANE	100000		0.11 U		0.11 U		0.11 U	0.11 U	0.11 U		0.11 U		0.11 U
CHLOROFORM	1.1	**6.962589 [R]**	**1.23 [R]**	3.393123 U	**9.07 [R]**	3.393123 U	**1.86 [R]**	**1.85 [R]**	**1.84 [R]**	3.393123 U	**4.44 [R]**	3.393123 U	0.11 U
CHLOROMETHANE	940		0.07 U		0.07 U		0.07 U	0.09 J	0.145 J		0.07 U		0.07 U
CIS-1,2-DICHLOROETHENE	NC	1.600686 U	0.09 U	1.600686 U	0.817	1.600686 U	0.09 U	0.09 U	0.09 U	1.600686 U	0.09 U	1.600686 U	0.09 U
CYCLOHEXANE	63000		0.11 U		0.11 U		0.11 U	0.11 U	0.11 U		0.719		0.11 U
DICHLORODIFLUOROMETHANE	2100		4.14		3.66		3.66	3.485	3.31		4.94		7.66
ETHYLBENZENE	9.7	1.481989 U	1.72	1.481989 U	1.65	1.562712	2.21	2.165	2.12	1.481989 U	3.07	1.481989 U	**83.7 [R]**
HEXACHLOROBUTADIENE	1.1		0.24 U		0.24 U		0.482 U	0.5125 U	0.543 U		0.24 U		0.24 U
HEXANE	7300		0.825		0.314		0.214 J	0.2 J	0.186 J		1.09		0.17 U
ISOPROPYLBENZENE	4200		0.07 U		0.07 U		0.07 U	0.07 U	0.07 U		0.07 U		4.21
M+P-XYLENES	7300	1.643796 U	2.62	1.643796 U	1.18	6.066664	1.83	1.675	1.52	1.643796 U	2.16	1.643796 U	55.8
METHYL CYCLOHEXANE	NC		20		0.08 U		0.08 U	0.08 U	0.08 U		1.11		0.501
METHYL TERT-BUTYL ETHER	94	1.078881 U	0.17 U	1.078881 U	0.17 U	1.078881 U	0.17 U	0.17 U	0.17 U	1.078881 U	0.17 U	1.078881 U	0.17 U
METHYLENE CHLORIDE	52		0.08 U		0.08 U		0.138 J	0.089 J	0.08 U		0.08 U		0.08 U
O-XYLENE	7300	1.322952 U	1.17	1.322952 U	0.533	2.092518	0.741	0.717	0.693	1.322952 U	0.06 U	1.322952 U	31.5
PENTADECANE	NC	1.0992		4.207352		3.389151				1.071361 U		11.337696	
PHENANTHRENE	NC	2.090164 U		2.090164 U		2.090164 U				2.090164 U		3.31788	
STYRENE	10000		7.08		5.88		4.48	4.56	4.64		7.78		645
TETRACHLOROETHENE	4.1	2.26079 U	**179 [R]**	**116.01873 [R]**	**1690 [R]**	2.26079 U	**68.8 [R]**	**70.05 [R]**	**71.3 [R]**	**3587.259414 [R]**	**3230 [R]**	**2266.879736 [R]**	**81.7 [R]**
TOLUENE	52000	0.659774 U	6.16	0.659774 U	1.44	0.695711	1.05	1.14	1.23	0.659774 U	4.74	0.659774 U	2.32
TRICHLOROETHENE	12	0.634021 U	0.08 U	0.634021 U	**37.7 [R]**	0.634021 U	0.125 J	0.0825 J	0.08 U	**33.188351 [R]**	**57.1 [R]**	**24.8253 [R]**	0.08 U
TRICHLOROFLUOROMETHANE	7300		143		24.4		13.8	13.7	13.6		24.3		1.82
TRIDECANE	NC	1.005251 U		8.322249		3.18002				1.005251 U		34.041895	
UNDECANE	NC	1.007079 U		3.848022		1.007079 U				1.007079 U		54.352914	
VINYL CHLORIDE	1.6	8.176523 U	0.07 U	8.176523 U	0.07 U	8.176523 U	0.07 U	0.07 U	0.07 U	8.176523 U	0.07 U	8.176523 U	0.07 U
Petroleum Hydrocarbons (ug/m3)													
TPH (C03-C20)	NC	41.758953		2438.750339		302.792265				824.422049		964.211119	

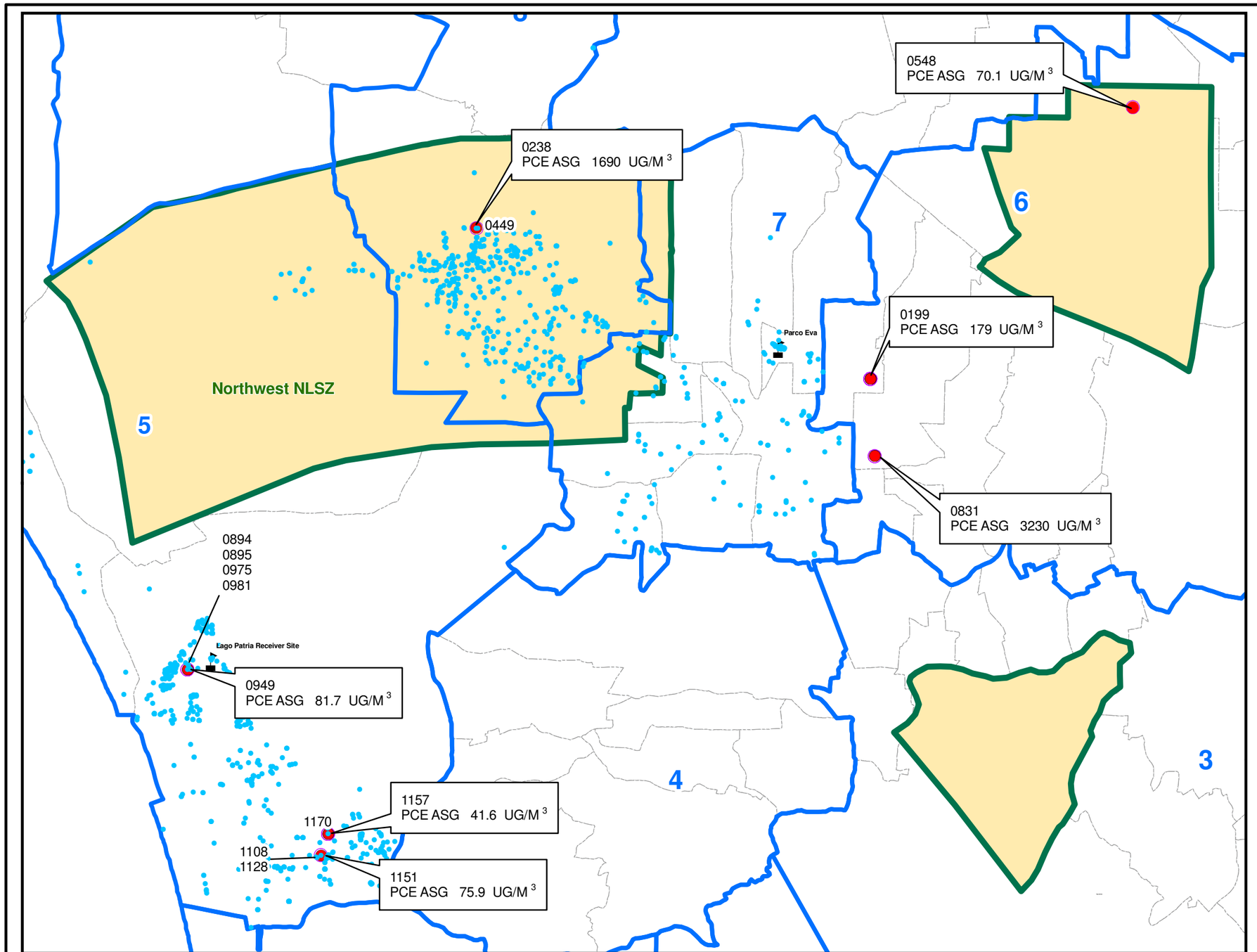
NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Soil Gas RSL

TABLE 6-1

ACTIVE SOIL GAS SAMPLES AT HOMES WITH UNACCEPTABLE PASSIVE SOIL GAS RESULTS
DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		1151	1151	1157	1157
Sample ID	RSL	1151SG0010018	1151SG002	1157SG0010018	1157SG002
Residential / Government	Soil Gas	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	[R]	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE
Soil Gas		PSG	ASG	PSG	ASG
Sample Date		20080715	20090326	20080701	20090406
Study Area		STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID		6322980432300	6322980432300	6322979007220	6322979007220
Likely Water Source		PUBLIC	PUBLIC	PUBLIC	PUBLIC
Shaded cell indicates exceedances of screening level					
Blank Cells indicate that parameter was not analyzed.					
Volatile Organics (ug/m3)					
1,1,1-TRICHLOROETHANE	52000	1.786984 U	2.27	1.786984 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.42	2.791239 U	0.04 U	2.791239 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000		2.22		0.656
1,1-DICHLOROETHANE	15	3.956043 U	0.05 U	3.956043 U	0.05 U
1,1-DICHLOROETHENE	2100	5.787206 U	0.1 U	5.787206 U	0.1 U
1,2,4-TRICHLOROBENZENE	21		3.59		0.19 U
1,2,4-TRIMETHYLBENZENE	73	1.198904 U	0.05 U	1.198904 U	0.05 U
1,2-DIBROMOETHANE	0.041		0.12 U		0.12 U
1,2-DICHLOROBENZENE	2100	10.181865 U	0.1 U	10.181865 U	0.1 U
1,2-DICHLOROPROPANE	2.4		**4.25 [R]**		0.09 U
1,3,5-TRIMETHYLBENZENE	NC	0.860297 U	0.05 U	0.860297 U	0.05 U
1,3-DICHLOROBENZENE	NC	1.680145 U	0.09 U	1.680145 U	0.09 U
1,4-DICHLOROBENZENE	2.2	1.866344 U	0.09 U	1.866344 U	0.09 U
2-BUTANONE	52000		6.13		0.33 U
ACETONE	320000		41.6		4.06
ACETONITRILE	630		0.38 U		0.38 U
ACETOPHENONE	NC		1.02 U		1.02 U
ACROLEIN	0.21		**5.77 [R]**		0.41 U
ACRYLONITRILE	0.36		0.2 U		0.2 U
BENZENE	3.1	0.642986 U	0.404	0.642986 U	0.172 J
BROMODICHLOROMETHANE	0.66		0.15 U		0.15 U
CARBON DISULFIDE	7300		1.78		0.628
CARBON TETRACHLORIDE	1.6	3.514017 U	0.13 U	3.514017 U	0.13 U
CHLOROBENZENE	520	2.21646 U	0.04 U	2.21646 U	0.04 U
CHLORODIBROMOMETHANE	0.9		0.24 U		0.24 U
CHLOROETHANE	100000		0.11 U		0.11 U
CHLOROFORM	1.1	**506.60625 [R]**	**6.23 [R]**	**6.327425 [R]**	0.11 U
CHLOROMETHANE	940		0.07 U		0.07 U
CIS-1,2-DICHLOROETHENE	NC	1.600686 U	0.09 U	1.600686 U	0.09 U
CYCLOHEXANE	63000		0.11 U		0.11 U
DICHLORODIFLUOROMETHANE	2100		3.62		4.61
ETHYLBENZENE	9.7	1.573731	1.9	1.481989 U	3.6
HEXACHLOROBUTADIENE	1.1		**3.17 [R]**		0.24 U
HEXANE	7300		1.09		0.17 U
ISOPROPYLBENZENE	4200		0.07 U		0.07 U
M+P-XYLENES	7300	5.236664	0.09 U	1.643796 U	2.3
METHYL CYCLOHEXANE	NC		0.08 U		0.345
METHYL TERT-BUTYL ETHER	94	1.078881 U	0.17 U	1.078881 U	0.17 U
METHYLENE CHLORIDE	52		0.08 U		0.08 U
O-XYLENE	7300	1.322952 U	0.06 U	1.322952 U	0.06 U
PENTADECANE	NC	1.137683		6.329825	
PHENANTHRENE	NC	2.090164 U		2.090164 U	
STYRENE	10000		6.88		14.4
TETRACHLOROETHENE	4.1	2.26079 U	**75.9 [R]**	**12.731102 [R]**	**41.6 [R]**
TOLUENE	52000	1.401234	1.64	0.659774 U	0.489
TRICHLOROETHENE	12	0.634021 U	0.08 U	0.634021 U	0.08 U
TRICHLOROFLUOROMETHANE	7300		3.11		2.36
TRIDECANE	NC	1.067481		3.24802	
UNDECANE	NC	1.007079 U		2.324233	
VINYL CHLORIDE	1.6	8.176523 U	0.07 U	8.176523 U	0.07 U
Petroleum Hydrocarbons (ug/m3)					
TPH (C03-C20)	NC	143.299673		499.250178	

NA-Not Available
NC-No Criteria
J-Estimated value
U-Not detected at that value
[R]-Exceeds Soil Gas RSL



NAVFAC

TETRA TECH

Figure 6-1
Passive Soil Gas (PSG)
to Active Soil Gas (ASG) Homes
Naples Public Health Evaluation
Naples, Italy

Legend

- 500ft buffer PSG to ASG Samples
- Home Locations
- PSG to ASG Sample Locations
- New Lease Suspension Zones
- Study Area Boundary (1-9)
- Comune Borders (Campania)

0 700 1,400 2,800 4,200 5,600
Meters

Drawn By: MP 6/12/09
Checked By:
Approved By:

Contract Number: 112G01349 - CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II NLSZ Stepouts ASG Risk_NEand S 04 12 2010.mxd)
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7.0 AQUEDUCT SOURCE WATER SAMPLING

As part of the regional screening assessment, Tetra Tech sampled 14 upgradient aqueduct locations in the Campania region. The 14 sampling locations supply municipal water to the nine study areas where U.S. Navy civilian and military personnel reside. The Environmental Department Water Section of the Campania Region (*Assessorato all'Ambiente*) (Italian Regional Water Authority for Campania Italy) selected the sampling locations. Personnel from *ARIN* Laboratories, under contract to the regional aqueducts, were also present and collected samples at five locations.

7.1 FIELD PROCEDURES

The objective of the aqueduct sampling task was to obtain information on the quality of "source" water that once treated, supplies the nine study areas that were the focus of this regional screening assessment. As a result, it is important to recognize that all aqueduct water samples collected by Tetra Tech environmental technicians were from pre-treatment locations (i.e., prior to any chemical treatment such as chlorination or fluoridation, or any mechanical treatment such as filtration of the water). As such, it was anticipated that the sample results from these source locations may display some source water quality issues that would typically be addressed at the downstream water treatment systems.

Tetra Tech field personnel collected all samples using direct fill methods. For locations WS01 through WS13, field personnel collected samples directly from existing sample ports. Location WS14 did not have a sample port. Therefore, field personnel collected the water sample at this location directly from a concrete channel containing the aqueduct source water flow.

ARIN Laboratories collected matching samples from the same sources as Tetra Tech at five sampling locations: WS04AW001, WS05AW001, WS06AW001, WS10AW001, and WS11AW001. The sample collection and laboratory analysis methodologies used by *ARIN* sampling technicians was not the same as the methodologies used with samples collected by Tetra Tech. In fact, Tetra Tech did not design or intend the aqueduct source water sampling endeavor as a split-sampling strategy. Therefore, the results from the samples collected by *ARIN* are not directly comparable to the Tetra Tech sample results. Furthermore, the degree of quality control, and data validation observed by *ARIN* are unknown. Consequently, this Phase II report does not present the results of the samples collected by *ARIN*.

During sampling, Tetra Tech field personnel also measured water quality parameters at each sample location, including pH, specific conductivity, temperature, turbidity, dissolved oxygen, salinity, and oxidation-reduction potential (using a Horiba U52 water quality meter). In addition, Tetra Tech field personnel analyzed water samples at the collection points for total chlorine using a chlorine test kit

(HACH test kit 1454200, CN-70). The detection limit of the chlorine kit was 0.02 mg/L, and at all 14 locations, total chlorine results were less than this detection limit (**Appendix C**). Field personnel also recorded geographical coordinates for all 14 aqueduct locations using a global position system (GPS) device. **Figure 1-10** illustrates the 14 sampling locations. Field personnel recorded all information pertaining to sampling activities using an electronic data (i.e., "eData") field data collection system for real-time, direct placement and storage into the project database (**Appendix C**).

For each of the 14 locations, Tetra Tech field personnel delivered samples to laboratory personnel at the U.S. Navy Support Site Hospital laboratory located in Gricignano, Italy to analyze the water samples for bacteriological parameters. Tetra Tech field personnel also shipped water samples to a subcontract analytical laboratory, SGS Laboratories in Herten, Germany, for analysis of polychlorinated dibenzodioxins and dibenzofurans (dioxins/furans), volatile organic compounds (VOCs), metals, cyanide, miscellaneous inorganic parameters, and gross alpha and beta radiological activity. During aqueduct source water sampling, Tetra Tech field personnel also collected 14 duplicate samples and one matrix spike/matrix spike duplicate (MS/MSD) for quality assurance/quality control purposes which were similarly submitted for analysis to SGS. Tetra Tech submitted three field duplicates for bacteriological parameters to the Navy Support Site Hospital laboratory for analysis. **Appendix C** contains chains-of-custody forms for all samples collected.

7.2 ANALYTICAL RESULTS

Table 7-1 presents a summary of the detected chemicals at the 14 aqueduct source water sample locations and **Table 7-2** provides descriptive statistics for aqueduct source water sampling data. **Appendix C** contains a complete set of analytical results. Although the EPA Surface Water Treatment Rule includes quality criteria guidelines that could be used to evaluate the source water sampling data , Tetra Tech compared the analytical results to EPA Maximum Contaminant Levels (MCLs) used to determine compliance for drinking water. As previously stated, Tetra Tech recognizes that the collected aqueduct source water is untreated and unfiltered and is not representative of actual drinking water conditions. However, comparison of the data to these EPA MCL criteria is useful for the general determination of overall water quality.

In summary, concentrations of arsenic (at nine sample locations), fecal coliform (at two sample locations), and total coliform (at four sample locations) exceeded the drinking water MCLs in the aqueduct source water samples collected. However, as previously stated, the samples collected by Tetra Tech represent untreated and unfiltered water. Arsenic, fecal coliform, and total coliform concentrations in aqueduct source water would undergo treatment in accordance with Italian regulations (Italian Legislative Decree 152, 3 April 2006) by local municipal water treatment facilities. After treatment and in accordance with

Italian regulations (Italian Legislative Decree 31, 2 February 2001), presumably the water would be suitable for drinking purposes.

Other categories of analytes detected in aqueduct source water samples are as follows:

- Four VOCs, chloroform (at one location), tetrachloroethene (at one location), toluene (at one location), and trichloroethene (at one location), were present in the aqueduct source water samples. Of the four VOCs detected, all were less than their respective MCLs.

- Dioxins/furans were present in all aqueduct source water samples. The TEQ concentrations were less than the MCL in all samples.

- A number of metals were present in samples collected from all 14 locations. Other than arsenic, all other metals concentrations were less than their respective MCLs.

- The laboratory reported gross alpha radioactivity at seven sample locations and gross beta radioactivity at 13 sample locations. The gross alpha radioactivity results were less than the MCL; gross beta radioactivity exceeded the MCL at four sample locations. However, after correcting gross beta results for potassium-40, all gross beta results were less than the MCL (**Table 7-3**).

Considering that the collected water is untreated and unfiltered, the water quality would be expected to be acceptable when compared to EPA MCLs following treatment and filtration. The presence of coliform, considering the sources of the water sample collection, is not unusual. Moreover, the arsenic concentrations are consistent with the ubiquitous nature of arsenic in the region.

TABLE 7-1

AQUEDUCT - SOURCE WATER -- DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		WS01	WS01	WS01	WS02	WS02	WS02	WS03	WS03	WS03	WS04	WS04
Sample ID	Federal	WS01AW001	WS01AW001-AVG	WS01AW001-D	WS02AW001	WS02AW001-AVG	WS02AW001-D	WS03AW001	WS03AW001-AVG	WS03AW001-D	WS04AW001	WS04AW001-AVG
Site	MCL	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	NPI
Event	[F]	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date		20090928	20090928	20090928	20090928	20090928	20090928	20090928	20090928	20090928	20091001	20091001
Area		Torano Aqueduct	Torano Aqueduct	Torano Aqueduct	Auduni Aqueduct	Auduni Aqueduct	Auduni Aqueduct	Maretto Aqueduct	Maretto Aqueduct	Maretto Aqueduct	Gari River	Gari River
Premise ID		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source		SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Shaded cell indicates exceedances of screening level												
Blank Cells indicate that parameter was not analyzed.												
Dioxins (ng/L)												
1,2,3,4,7,8,9-HPCDF	NA	0.00026 J	0.000455 J	0.00065 J	0.0003 J	0.00037 J	0.00044 J	0.000284 U	0.000346 J	0.00055 J	0.000261 J	0.000446 J
1,2,3,4,7,8-HXCDD	NA	0.00014 U	0.00025 U	0.00036 U	0.0002 U	0.000161 U	0.000121 U	0.00019 U	0.000265 U	0.00034 U	0.000095 U	0.000193 U
1,2,3,4,7,8-HXCDF	NA	0.0004 U	0.00065 J	0.0011 J	0.0006 U	0.000545 U	0.00049 U	0.00047 U	0.00051 U	0.00055 U	0.00069 U	0.00077 U
1,2,3,6,7,8-HXCDD	NA	0.00026 J	0.000325 J	0.00039 J	0.00027 J	0.000245 J	0.00022 J	0.00036 J	0.00036 J	0.00036 J	0.00043 J	0.00036 J
1,2,3,6,7,8-HXCDF	NA	0.00026 U	0.000965 J	0.0018 J	0.00045 U	0.000385 U	0.00032 U	0.00052 U	0.000525 U	0.00053 U	0.00043 U	0.000495 U
1,2,3,7,8,9-HXCDD	NA	0.00028 J	0.000235 J	0.00019 J	0.00035 J	0.000295 J	0.00024 J	0.00036 J	0.000325 J	0.00029 J	0.00021 J	0.0002 J
1,2,3,7,8,9-HXCDF	NA	0.00026 U	0.000385 U	0.00051 U	0.0002 U	0.00026 U	0.00032 U	0.00028 U	0.00032 U	0.00036 U	0.00014 U	0.000255 U
1,2,3,7,8-PECDD	NA	0.00033 U	0.00036 U	0.00039 U	0.00032 U	0.000209 U	0.000097 U	0.00017 U	0.000315 U	0.00046 U	0.00014 U	0.00018 U
1,2,3,7,8-PECDF	NA	0.0005 U	0.000675 U	0.00085 U	0.00057 U	0.000515 U	0.00046 U	0.00036 U	0.00041 U	0.00046 U	0.0004 U	0.00042 U
2,3,4,6,7,8-HXCDF	NA	0.00031 U	0.000655 U	0.001 U	0.00032 U	0.000305 U	0.00029 U	0.00024 U	0.000252 U	0.000264 U	0.00019 U	0.0003 U
2,3,4,7,8-PECDF	NA	0.0004 U	0.000675 U	0.00095 U	0.00065 U	0.000505 U	0.00036 U	0.0004 U	0.00062 U	0.00084 U	0.00031 U	0.000555 U
2,3,7,8-TCDF	NA	0.00031 J	0.000395 J	0.00048 J	0.00045 J	0.000395 J	0.00034 J	0.00024 U	0.000265 J	0.00041 J	0.00012 U	0.000315 U
TEQ	0.03	0.0000876	0.000246	0.0004025	0.00011	0.000097	0.0000844	0.000072	0.000092	0.0001115	6.66E-05	0.000061
TOTAL HPCDD	NA	0.0015 J	0.00225 J	0.003 J	0.0027 J	0.00225 J	0.0018 J	0.0017 J	0.00205 J	0.0024 J	0.0015 J	0.0019 J
TOTAL HPCDF	NA	0.00095 J	0.002325 J	0.0037 J	0.001 J	0.0012 J	0.0014 J	0.0012 J	0.00135 J	0.0015 J	0.00085 J	0.001375 J
TOTAL HXCDD	NA	0.00069 J	0.00083 J	0.00097 J	0.00082 J	0.0007 J	0.00058 J	0.0009 J	0.000945 J	0.00099 J	0.00073 J	0.000765 J
TOTAL HXCDF	NA	0.0012 J	0.0049 J	0.0086 J	0.0015 J	0.00145 J	0.0014 J	0.002 J	0.00185 J	0.0017 J	0.0018 J	0.0022 J
TOTAL PECDD	NA	0.00033 J	0.00036 J	0.00039 J	0.00032 J	0.000185 J	0.000097 U	0.00017 U	0.000273 J	0.00046 J	0.000142 U	0.000146 J
TOTAL PECDF	NA	0.0009 J	0.00135 J	0.0018 J	0.0012 J	0.001015 J	0.00083 J	0.00076 J	0.00103 J	0.0013 J	0.00071 J	0.000955 J
TOTAL TCDF	NA	0.00043 J	0.000505 J	0.00058 J	0.0005 J	0.00047 J	0.00044 J	0.00038 J	0.000455 J	0.00053 J	0.00021 J	0.000435 J
Volatile Organics (ug/L)												
CHLOROFORM	80	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
TETRACHLOROETHENE	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TOLUENE	1000	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRICHLOROETHENE	5	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Radijological Parameters (pCi/L)												
GROSS ALPHA	15	2.6 U	2.74	4.18	2.71 U	3.0625	4.77	2.35 U	2.195 U	2.04 U	2.73 U	2.84 U
GROSS BETA	NA	2.72 U	2.58	3.8	2.45 U	3.2425	5.26	2.78	2.78	3.46 U	3.77	2.535
Inorganics (ug/L)												
ALUMINUM	NA	9.81 U	8.115 U	6.42 U	2.2 UJ	23 J	44.9 J	7.27 U	16.7175 J	29.8 J	4.19 U	4.025 U
ANTIMONY	6	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	10	5.75	6.12	6.49	4.2	4.15	4.1	6.1	6.11	6.12	**20 [F]**	**19.85 [F]**
BARIUM	2000	5.09	5.41	5.73	5.38	5.665	5.95	5.63	5.5	5.37	16.3	16.35
BERYLLIUM	4	0.0689 U	0.09195 U	0.115 U	0.0749 U	0.09045 U	0.106 U	0.0591 U	0.06665 U	0.0742 U	0.038 U	0.05365 U
CADMIUM	5	0.04 U	0.04 U	0.04 U	0.0475	0.03375	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHROMIUM	100	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
COBALT	NA	0.186	0.1865	0.187	0.124	0.138	0.152	0.182	0.181	0.18	0.451	0.444
COPPER	1300	20.6 J	13.445 J	6.29 J	1.47	1.84	2.21	1.05	0.837	0.624	3.63	3.575
IRON	NA	18.1 U	34.175 J	59.3 J	13 U	16.95 J	27.4 J	7.78 U	6.7 U	5.62 U	11 U	8.945 U
LEAD	15	5.1 J	3.11 J	1.12 J	0.142	0.139	0.136	0.0904	0.0747	0.059	0.11	0.08465
MANGANESE	NA	0.286	0.344	0.402	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
MERCURY	2	0.015 U	0.015 U	0.015 U	0.015 U	0.01325	0.019	0.015 U	0.015 U	0.015 U	0.018	0.01275
NICKEL	NA	6.81 J	4.895 J	2.98 J	1.78 J	1.1875 J	0.595 J	1.17 J	1.715 J	2.26 J	2.73 J	1.965 J
SELENIUM	50	0.2 U	0.2795	0.459	0.2 U	0.168	0.236	0.2 U	0.174	0.248	0.289	0.3
SILVER	NA	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
THALLIUM	2	0.572	0.346	0.12	1.08	1.08	1.08	0.472	0.653	0.834	0.196 U	0.292 U
TIN	NA	0.203	0.1955	0.188	0.108	0.079	0.1 U	0.1 U	0.1 U	0.1 U	0.19	0.1675
URANIUM	30	0.194	0.1945	0.195	0.144	0.173	0.202	0.199	0.194	0.189	1.1	1.08
VANADIUM	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ZINC	NA	60.3 J	30.4 J	1 UJ	9.76	12.58	15.4	1 U	1 U	1 U	1 U	1 U
Inorganics (mg/L)												
CALCIUM	NA	49.3	49.3	49.3	43.2	43.4	43.6	50.3	50.4	50.5	124	124.5
MAGNESIUM	NA	4.13	4.12	4.11	6.58	6.595	6.61	6.34	6.35	6.36	25.5	25.45
POTASSIUM	NA	0.721	0.7145	0.708	0.626	0.626	0.626	0.837	0.835	0.833	1.1	1.11
SODIUM	NA	2.93	2.89	2.85	2.11	2.115	2.12	2.73	2.705	2.68	3.84	3.865
Microbiological Parameters (CFU/1)												
FECAL COLIFORM	0	1 <	1 <	1 <	1 <	1 <	1 <	**3.1 J [F]**	**6.5 J [F]**	**9.9 J [F]**	**17.8 [F]**	**17.8 [F]**
TOTAL COLIFORM	0	1 <	1 <	1 <	1 <	1 <	1 <	**50 [F]**	**53 [F]**	**56 [F]**	**144.5 [F]**	**144.5 [F]**

NA - Not Available
J - Estimated concentration
U - Not detected at that concentration
[F] - Exceeds U.S. EPA Maximum Contaminant Level (MCL)

TABLE 7-1

AQUEDUCT - SOURCE WATER -- DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		WS01	WS01	WS01	WS02	WS02	WS02	WS03	WS03	WS03	WS04	WS04
Sample ID	Federal	WS01AW001	WS01AW001-AVG	WS01AW001-D	WS02AW001	WS02AW001-AVG	WS02AW001-D	WS03AW001	WS03AW001-AVG	WS03AW001-D	WS04AW001	WS04AW001-AVG
Site	MCL	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	NPI
Event	[F]	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date		20090928	20090928	20090928	20090928	20090928	20090928	20090928	20090928	20090928	20091001	20091001
Area		Torano Aqueduct	Torano Aqueduct	Torano Aqueduct	Auduni Aqueduct	Auduni Aqueduct	Auduni Aqueduct	Maretto Aqueduct	Maretto Aqueduct	Maretto Aqueduct	Gari River	Gari River
Premise ID		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source		SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Shaded cell indicates exceedances of screening level												
Blank Cells indicate that parameter was not analyzed.												
Miscellaneous Parametes (mg/L)												
CHLORIDE	NA	4.93	4.73	4.53	3.34	3.245	3.15	3.97	3.96	3.95	5.95	5.93
FLUORIDE	4000	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NITRATE	10000	1.88	1.87	1.86	1.98	1.975	1.97	2.71	2.715	2.72	2.82 J	2.795 J
SULFATE	NA	1.84	1.88	1.92	1.94	2	2.06	2.28	2.305	2.33	11.9	11.8
Field Parameters												
CHLORINE MG/L	4	0	0		0.02	0.02		0	0		0	0
CONDUCTIVITY MS/CM	NA	0.316	0.316		0.278	0.278		0.309	0.309		0.792	0.792
DISSOLVED OXYGEN MG/L	NA	14.47	14.47		8.41	8.41		8.64	8.64		5.98	5.98
OXIDATION REDUCTION POTENTIAL MV	NA	107	107		126	126		144	144		323	323
PH S.U.	NA	8.34	8.34		8.26	8.26		7.88	7.88		6.3	6.3
SALINITY %	NA	0.1	0.1		0.1	0.1		0.1	0.1		0.02	0.02
TEMPERATURE C	NA	17.75	17.75		19.07	19.07		17.66	17.66		17.8	17.8
TURBIDITY NTU	NA	3.4	3.4		5.7	5.7		0	0		0	0

NA - Not Available
J - Estimated concentration
U - Not detected at that concentration
[F] - Exceeds U.S. EPA Maximum Contaminant Level (MCL)

TABLE 7-1

AQUEDUCT - SOURCE WATER -- DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		WS04	WS05	WS05	WS05	WS06	WS06	WS06	WS07	WS07	WS07	WS08
Sample ID	Federal	WS04AW001-D	WS05AW001	WS05AW001-AVG	WS05AW001-D	WS06AW001	WS06AW001-AVG	WS06AW001-D	WS07AW001	WS07AW001-AVG	WS07AW001-D	WS08AW001
Site	MCL	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	[F]	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date		20091001	20091001	20091001	20091001	20091001	20091001	20091001	20091007	20091007	20091007	20091007
Area		Gari River	San Bartolomeo	San Bartolomeo	San Bartolomeo	Campo Pozzi del Peccia	Campo Pozzi del Peccia	Campo Pozzi del Peccia	Campo Pozzi Tavano I	Campo Pozzi Tavano I	Campo Pozzi Tavano I	Campo Pozzi Tavano II
Premise ID		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source		SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Shaded cell indicates exceedances of screening level												
Blank Cells indicate that parameter was not analyzed												
Dioxins (ng/L)												
1,2,3,4,7,8,9-HPCDF	NA	0.00063 J	0.000474 J	0.000474 J	0.00048 U	0.00059 J	0.00049 J	0.00039 J	0.00036 J	0.00036 J	0.00077 U	0.0005 J
1,2,3,4,7,8-HXCDD	NA	0.00029 U	0.00019 U	0.00024 U	0.00029 U	0.00036 U	0.000242 U	0.000123 U	0.00024 U	0.000216 U	0.000192 U	0.00021 U
1,2,3,4,7,8-HXCDF	NA	0.00085 U	0.00042 U	0.000555 U	0.00069 U	0.00048 U	0.000545 U	0.00061 U	0.00086 U	0.00103 U	0.0012 U	0.00073 U
1,2,3,6,7,8-HXCDD	NA	0.00029 J	0.00026 J	0.00025 J	0.00024 J	0.0005 J	0.000375 J	0.00025 J	0.00029 U	0.000265 U	0.00024 U	0.00031 U
1,2,3,6,7,8-HXCDF	NA	0.00056 U	0.00038 U	0.000465 U	0.00055 U	0.00055 U	0.00052 U	0.00049 U	0.00093 U	0.000815 U	0.0007 U	0.00064 U
1,2,3,7,8,9-HXCDD	NA	0.00019 J	0.00028 J	0.000285 J	0.00029 J	0.00024 U	0.00022 J	0.00022 J	0.000214 J	0.000252 J	0.00029 J	0.00021 J
1,2,3,7,8,9-HXCDF	NA	0.00037 U	0.00021 U	0.00026 U	0.00031 U	0.00043 U	0.000375 U	0.00032 U	0.00024 U	0.000252 U	0.000264 U	0.00026 U
1,2,3,7,8-PECDD	NA	0.00022 U	0.00014 U	0.00019 U	0.00024 U	0.0004 U	0.00031 U	0.00022 U	0.00057 U	0.00043 U	0.00029 U	0.00028 U
1,2,3,7,8-PECDF	NA	0.00044 U	0.00021 U	0.00032 U	0.00043 U	0.00052 U	0.000555 U	0.00059 U	0.00031 U	0.00059 U	0.00087 U	0.00073 U
2,3,4,6,7,8-HXCDF	NA	0.00041 U	0.00017 U	0.000215 U	0.00026 U	0.00031 U	0.00034 U	0.00037 U	0.000214 U	0.000227 U	0.00024 U	0.00036 J
2,3,4,7,8-PECDF	NA	0.0008 U	0.00059 U	0.00059 U	0.00059 U	0.00062 U	0.00048 U	0.00034 U	0.00043 U	0.000715 U	0.001 U	0.00092 U
2,3,7,8-TCDF	NA	0.00051 U	0.00031 U	0.000395 U	0.00048 U	0.00024 U	0.000265 U	0.00029 U	0.00031 U	0.0003 U	0.00029 U	0.00057 U
TEQ	0.03	0.0000543	5.874E-05	0.000056	0.000053	0.0000559	0.000054	0.0000509	0.000025	0.000027	0.000029	0.000062
TOTAL HPCDD	NA	0.0023 J	0.0027 J	0.0025 J	0.0023 J	0.0015 J	0.00175 J	0.002 J	0.0021 J	0.00255 J	0.003 J	0.0029 J
TOTAL HPCDF	NA	0.0019 J	0.0015 J	0.0014 J	0.0013 J	0.0017 J	0.00155 J	0.0014 J	0.0028 J	0.00215 J	0.0015 J	0.003 J
TOTAL HXCDD	NA	0.0008 J	0.00073 J	0.00078 J	0.00083 J	0.001 J	0.000785 J	0.00057 J	0.00067 U	0.000528 J	0.00072 J	0.00073 J
TOTAL HXCDF	NA	0.0026 J	0.0012 J	0.002 J	0.0028 J	0.0017 J	0.00175 J	0.0018 J	0.0021 J	0.0025 J	0.0029 J	0.0034 J
TOTAL PECDD	NA	0.00022 J	0.00014 J	0.00019 J	0.00024 J	0.000404 J	0.000312 J	0.00022 J	0.00057 J	0.00043 J	0.00029 J	0.00028 J
TOTAL PECDF	NA	0.0012 J	0.00081 J	0.000905 J	0.001 J	0.0011 J	0.001015 J	0.00093 J	0.00076 J	0.00133 J	0.0019 J	0.0017 J
TOTAL TCDF	NA	0.00066 J	0.00036 J	0.00044 J	0.00052 J	0.00048 U	0.00047 J	0.00047 J	0.0005 J	0.000525 J	0.00055 J	0.00064 J
Volatile Organics (ug/L)												
CHLOROFORM	80	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
TETRACHLOROETHENE	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TOLUENE	1000	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRICHLOROETHENE	5	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Radijological Parameters (pCi/L)												
GROSS ALPHA	15	2.95 U	2.77 U	2.1325	2.88	2.65 U	2.73 U	2.81 U	4.79	4.79		9.97
GROSS BETA	NA	2.6 U	3 U	2.595 U	2.19 U	2.52	2.52	2.88 U	11.4 J	11.4 J		14.5
Inorganics (ug/L)												
ALUMINUM	NA	3.86 U	3.42 U	3.09 U	2.76 U	3.32 U	3.85 U	4.38 U	13	12.3	11.6	10.7
ANTIMONY	6	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.192	0.225	0.258	0.978
ARSENIC	10	**19.7 [F]**	9.88	9.55	9.22	9.66	9.525	9.39	**32 [F]**	**31.75 [F]**	**31.5 [F]**	**43.9 [F]**
BARIUM	2000	16.4	13.4	13.65	13.9	12.4	12.2	12	19.8	19.75	19.7	28.4
BERYLLIUM	4	0.0693 U	0.0398 U	0.0473 U	0.0548 U	0.038 U	0.04175 U	0.0455 U	0.03 U	0.03 U	0.03 U	0.0336
CADMIUM	5	0.04 U	0.0496	0.0517	0.0538	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHROMIUM	100	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.1585	0.242	4.83 J	3.825 J	2.82 J	4.36
COBALT	NA	0.437	0.269	0.271	0.273	0.26	0.259	0.258	0.975	0.9595	0.944	1.36
COPPER	1300	3.52	0.974	0.9345	0.895	0.396	0.4105	0.425	2.54	2.495	2.45	2.26 J
IRON	NA	6.89 U	13.3 U	13.5 U	13.7 U	5.66 U	5.36 U	5.06 U	44.9	38.35	31.8	41.6
LEAD	15	0.0593	0.278	0.2695	0.261	0.04 U	0.04 U	0.04 U	0.674 U	0.6475 U	0.621 U	0.725 U
MANGANESE	NA	0.1 U	0.1 U	0.137	0.224	0.1 U	0.1 U	0.1 U	1.44	1.35	1.26	0.657
MERCURY	2	0.015 U	0.018	0.0165	0.015	0.015	0.0155	0.016	0.015 U	0.015 U	0.015 U	0.015 U
NICKEL	NA	1.2 J	3.73	4.315	4.9	0.602	0.6115	0.621	15.1	14.65	14.2	8.43
SELENIUM	50	0.311	0.246	0.24	0.234	0.2 U	0.1505	0.201	0.2 U	0.2 U	0.2 U	0.2 U
SILVER	NA	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.334	0.197	0.12 U	0.13
THALLIUM	2	0.388 U	0.17 U	0.2575 U	0.345 U	0.22 U	0.225 U	0.23 U	0.04 U	0.04 U	0.04 U	0.04 U
TIN	NA	0.145	0.1 U	0.139	0.228	0.322	0.2435	0.165	0.356	0.522	0.688	0.497
URANIUM	30	1.06	0.498	0.5015	0.505	0.528	0.545	0.562	4.46	4.465	4.47	12
VANADIUM	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	9.64	9.77	9.9	10.6
ZINC	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	467	511.5	556	185
Inorganics (mg/L)												
CALCIUM	NA	125	71.8	72.4	73	71.5	71.75	72	129	128	127	185
MAGNESIUM	NA	25.4	20.7	20.8	20.9	22.7	22.85	23	35.6	35.3	35	44.2
POTASSIUM	NA	1.12	0.88	0.894	0.908	1.01	1.025	1.04	13	12.95	12.9	18
SODIUM	NA	3.89	3.06	3.095	3.13	3.67	3.705	3.74	51.4	51.3	51.2	81.7
Microbiological Parameters (CFU/1)												
FECAL COLIFORM	0		1 <	1 <		1 <	1 <		1 <	1 <		1 <
TOTAL COLIFORM	0		1 <	1 <		1 <	1 <		1 <	1 <		1 <

NA - Not Available
J - Estimated concentration
U - Not detected at that concentration
[F] - Exceeds U.S. EPA Maximum Contaminant Level (MCL)

TABLE 7-1

AQUEDUCT - SOURCE WATER -- DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		WS04	WS05	WS05	WS05	WS06	WS06	WS06	WS07	WS07	WS07	WS08
Sample ID	Federal	WS04AW001-D	WS05AW001	WS05AW001-AVG	WS05AW001-D	WS06AW001	WS06AW001-AVG	WS06AW001-D	WS07AW001	WS07AW001-AVG	WS07AW001-D	WS08AW001
Site	MCL	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	[F]	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date		20091001	20091001	20091001	20091001	20091001	20091001	20091001	20091007	20091007	20091007	20091007
Area		Gari River	San Bartolomeo	San Bartolomeo	San Bartolomeo	Campo Pozzi del Peccia	Campo Pozzi del Peccia	Campo Pozzi del Peccia	Campo Pozzi Tavano I	Campo Pozzi Tavano I	Campo Pozzi Tavano I	Campo Pozzi Tavano II
Premise ID		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source		SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Shaded cell indicates exceedances of screening level												
Blank Cells indicate that parameter was not analyzed												
Miscellaneous Parametes (mg/L)												
CHLORIDE	NA	5.91	4.93	4.915	4.9	5.42	5.495	5.57	102	102	102	163
FLUORIDE	4000	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.22	0.2525	0.285	0.243
NITRATE	10000	2.77 J	2.8 J	2.84 J	2.88 J	3.76 J	3.745 J	3.73 J	14	14	14	21
SULFATE	NA	11.7	3.49	3.59	3.69	3.97	4.225	4.48	35.3	34.15	33	64.1
Field Parameters												
CHLORINE MG/L	4		0	0		0	0		0	0		0
CONDUCTIVITY MS/CM	NA		0.489	0.489		0.511	0.511		1.18	1.18		1.58
DISSOLVED OXYGEN MG/L	NA		7.74	7.74		13.06	13.06		10.34	10.34		5.41
OXIDATION REDUCTION POTENTIAL MV	NA		187	187		204	204		222	222		187
PH S.U.	NA		6.91	6.91		6.9	6.9		6.76	6.76		6.88
SALINITY %	NA		0.01	0.01		0.01	0.01		0.3	0.3		0.5
TEMPERATURE C	NA		16.8	16.8		14.83	14.83		20.46	20.46		20.83
TURBIDITY NTU	NA		3	3		0.5	0.5		12.8	12.8		0

NA - Not Available
J - Estimated concentration
U - Not detected at that concentration
[F] - Exceeds U.S. EPA Maximum Contaminant Level (MCL)

TABLE 7-1

AQUEDUCT - SOURCE WATER -- DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		WS08	WS08	WS09	WS09	WS09	WS10	WS10	WS10	WS11	WS11
Sample ID	Federal	WS08AW001-AVG	WS08AW001-D	WS09AW001	WS09AW001-AVG	WS09AW001-D	WS10AW001	WS10AW001-AVG	WS10AW001-D	WS11AW001	WS11AW001-AVG
Site	MCL	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	[F]	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date		20091007	20091007	20091007	20091007	20091007	20091008	20091008	20091008	20091008	20091008
Area		Campo Pozzi Tavano II	Campo Pozzi Tavano II	Pozzi Galleria Quota 80 (Campo Pozzi	Pozzi Galleria Quota 80 (Campo Pozzi Cancello)	Pozzi Galleria Quota 80 (Campo Pozzi Cancello)	Campo Pozzi Santa Sofia	Campo Pozzi Santa Sofia	Campo Pozzi Santa Sofia	Campo Pozzi Montemaggiore	Campo Pozzi Montemaggiore
Premise ID		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source		SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Shaded cell indicates exceedances of screening level											
Blank Cells indicate that parameter was not analyzed											
Dioxins (ng/L)											
1,2,3,4,7,8,9-HPCDF	NA	0.00049 J	0.00048 J	0.00055 J	0.00037 J	0.00038 U	0.00043 J	0.00064 J	0.00085 J	0.00087 J	0.000765 J
1,2,3,4,7,8-HXCDD	NA	0.000177 U	0.000143 U	0.00019 U	0.00025 U	0.00031 U	0.00031 U	0.00024 U	0.00017 U	0.00019 U	0.00019 U
1,2,3,4,7,8-HXCDF	NA	0.000665 U	0.0006 U	0.00057 U	0.000485 U	0.0004 U	0.00038 U	0.000355 U	0.00033 U	0.00052 U	0.00058 U
1,2,3,6,7,8-HXCDD	NA	0.00038 U	0.00045 U	0.00048 U	0.000345 U	0.00021 U	0.00047 U	0.00041 U	0.00035 U	0.00033 U	0.00026 U
1,2,3,6,7,8-HXCDF	NA	0.00057 U	0.0005 U	0.00069 U	0.00058 U	0.00047 U	0.00066 U	0.000625 U	0.00059 U	0.00057 U	0.00071 U
1,2,3,7,8,9-HXCDD	NA	0.00032 J	0.00043 J	0.00024 J	0.000345 J	0.00045 J	0.0004 J	0.00033 J	0.00026 J	0.0004 J	0.000365 J
1,2,3,7,8,9-HXCDF	NA	0.000262 U	0.000263 U	0.000214 J	0.000155 J	0.00019 U	0.000284 J	0.000284 J	0.000331 U	0.00031 U	0.00028 J
1,2,3,7,8-PECDD	NA	0.000285 U	0.00029 U	0.00052 U	0.000485 U	0.00045 U	0.00036 U	0.000415 U	0.00047 U	0.00035 U	0.000317 U
1,2,3,7,8-PECDF	NA	0.000725 U	0.00072 U	0.00067 U	0.000725 U	0.00078 U	0.001 U	0.00082 U	0.00064 U	0.001 U	0.0011 U
2,3,4,6,7,8-HXCDF	NA	0.00024 J	0.00024 U	0.000214 U	0.00021 J	0.00021 J	0.00028 J	0.000315 J	0.00035 J	0.00047 J	0.000288 J
2,3,4,7,8-PECDF	NA	0.000725 U	0.00053 U	0.00095 U	0.000745 U	0.00054 U	0.00088 U	0.000618 U	0.000355 U	0.00078 U	0.00065 U
2,3,7,8-TCDF	NA	0.000465 U	0.00036 U	0.00021 U	0.00019 U	0.00017 U	0.00057 U	0.00038 U	0.00019 U	0.00042 U	0.00033 U
TEQ	0.03	0.000055	0.0000478	0.0000509	0.000059	0.000066	0.0001007	0.000086	0.0000695	0.0000957	0.000082
TOTAL HPCDD	NA	0.00275 J	0.0026 J	0.0025 J	0.0021 J	0.0017 J	0.0029 J	0.00255 J	0.0022 J	0.002 J	0.00235 J
TOTAL HPCDF	NA	0.003 J	0.003 J	0.0025 J	0.00265 J	0.0028 J	0.0017 J	0.00245 J	0.0032 J	0.0037 J	0.00315 J
TOTAL HXCDD	NA	0.000865 J	0.001 J	0.0009 J	0.000935 J	0.00097 J	0.002 J	0.00139 J	0.00078 J	0.00092 J	0.000765 J
TOTAL HXCDF	NA	0.0027 J	0.002 J	0.0017 J	0.00195 J	0.0022 J	0.0016 J	0.00155 J	0.0015 J	0.0044 J	0.0034 J
TOTAL PECDD	NA	0.000285 J	0.00029 J	0.00052 J	0.000485 J	0.00045 J	0.00036 U	0.000325 J	0.00047 J	0.00035 J	0.000246 J
TOTAL PECDF	NA	0.00145 J	0.0012 J	0.0016 J	0.00145 J	0.0013 J	0.0018 J	0.001315 J	0.00083 J	0.0018 J	0.0018 J
TOTAL TCDF	NA	0.000545 J	0.00045 J	0.00043 J	0.000395 J	0.00036 J	0.0009 J	0.000545 J	0.00038 U	0.00064 J	0.000438 J
Volatile Organics (ug/L)											
CHLOROFORM	80	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
TETRACHLOROETHENE	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TOLUENE	1000	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRICHLOROETHENE	5	0.176 J	0.287 J	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Radijological Parameters (pCi/L)											
GROSS ALPHA	15	9.97		10.6 J	10.6 J		10.9 J	6.915 J	2.93 J	2.71 U	2.7 U
GROSS BETA	NA	14.5		13.6	13.6		6.41	6.18	5.95	5.56	5.95
Inorganics (ug/L)											
ALUMINUM	NA	8.75	6.8	6.68	8.59	10.5	19.4	13.855 J	8.31 J	24.4	18.05
ANTIMONY	6	0.8095	0.641	0.241	0.1555	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	10	**44.2 [F]**	**44.5 [F]**	**39.3 [F]**	**39.2 [F]**	**39.1 [F]**	**33.9 [F]**	**33.95 [F]**	**34 [F]**	**39.8 [F]**	**39.35 [F]**
BARIUM	2000	27.75	27.1	21.8	20.8	19.8	20.9	20.95	21	20.4	20.35
BERYLLIUM	4	0.0243	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U
CADMIUM	5	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHROMIUM	100	3.795	3.23	2.33	2.74	3.15	3.34	3.365 J	3.39 J	7.2 J	5.3 J
COBALT	NA	1.355	1.35	1.33	1.305	1.28	1.05	1.095 J	1.14 J	1.3	1.275
COPPER	1300	2.92 J	3.58 J	3.43 J	2.765 J	2.1 J	2.22	2.415 J	2.61 J	20.3	19.25
IRON	NA	42.75	43.9	37.9	42.25	46.6	32.3	34.2 J	36.1 J	60.1 J	49.4 J
LEAD	15	0.69 U	0.655 U	2.25	2.035	1.82	0.143 U	0.1985 U	0.254 U	0.899 U	0.782 U
MANGANESE	NA	0.593	0.529	0.392	0.476	0.56	0.13	0.4465 J	0.763 J	0.633	0.556
MERCURY	2	0.01675	0.026	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
NICKEL	NA	8.515	8.6	18.1	16.2	14.3	2.95	2.965 J	2.98 J	4.66	4.165
SELENIUM	50	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SILVER	NA	0.095	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
THALLIUM	2	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
TIN	NA	0.49	0.483	4.84 J	2.562 J	0.284 J	0.249	0.575	0.901	0.24	0.69
URANIUM	30	12.05	12.1	3.41	3.42	3.43	1.51	1.435	1.36	1.98	2.045
VANADIUM	NA	11.35	12.1	3.54	3.335	3.13	4.76	3.975 J	3.19 J	6.78	5.795
ZINC	NA	185.5	186	20.9 J	14.39 J	7.88 J	139 J	118.85 J	98.7 J	5.84	6.385
Inorganics (mg/L)											
CALCIUM	NA	184.5	184	178	177.5	177	161	161	161	180	178.5
MAGNESIUM	NA	44.3	44.4	30.5	30.4	30.3	24.8	24.7	24.6	44.3	43.95
POTASSIUM	NA	18.1	18.2	11.1	11.1	11.1	7.67	7.665	7.66	6.49	6.465
SODIUM	NA	82.65	83.6	71.4	71.4	71.4	31.9	31.85	31.8	16.3	16.2
Microbiological Parameters (CFU/1)											
FECAL COLIFORM	0	1 <		1 <	1 <		1 <	1 <		1 <	1 <
TOTAL COLIFORM	0	1 <		1 <	1 <		1 <	1 <		**1 [F]**	**1 [F]**

NA - Not Available
J - Estimated concentration
U - Not detected at that concentration
[F] - Exceeds U.S. EPA Maximum Contaminant Level (MCL)

TABLE 7-1

AQUEDUCT - SOURCE WATER -- DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		WS08	WS08	WS09	WS09	WS09	WS10	WS10	WS10	WS11	WS11
Sample ID	Federal	WS08AW001-AVG	WS08AW001-D	WS09AW001	WS09AW001-AVG	WS09AW001-D	WS10AW001	WS10AW001-AVG	WS10AW001-D	WS11AW001	WS11AW001-AVG
Site	MCL	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	[F]	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date		20091007	20091007	20091007	20091007	20091007	20091008	20091008	20091008	20091008	20091008
Area		Campo Pozzi Tavano II	Campo Pozzi Tavano II	Pozzi Galleria Quota 80 (Campo Pozzi	Pozzi Galleria Quota 80 (Campo Pozzi Cancello)	Pozzi Galleria Quota 80 (Campo Pozzi Cancello)	Campo Pozzi Santa Sofia	Campo Pozzi Santa Sofia	Campo Pozzi Santa Sofia	Campo Pozzi Montemaggiore	Campo Pozzi Montemaggiore
Premise ID		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source		SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Shaded cell indicates exceedances of screening level											
Blank Cells indicate that parameter was not analyzed											
Miscellaneous Parametes (mg/L)											
CHLORIDE	NA	163	163	144	145.5	147	59.9	59.85	59.8	27.2	26.4
FLUORIDE	4000	0.2925	0.342	0.2 U	0.158	0.216	0.328	0.3415	0.355	0.262	0.2825
NITRATE	10000	21.1	21.2	9.03	9.04	9.05	9.23	9.19	9.15	5.12	5.11
SULFATE	NA	64.3	64.5	28.1	28.15	28.2	12	12.25	12.5	8.9	8.38
Field Parameters											
CHLORINE MG/L	4	0		0	0		0	0		0	0
CONDUCTIVITY MS/CM	NA	1.58		1.34	1.34		1.37	1.37		1.49	1.49
DISSOLVED OXYGEN MG/L	NA	5.41		17.9	17.9		8.52	8.52		7.71	7.71
OXIDATION REDUCTION POTENTIAL MV	NA	187		158	158		288	288		252	252
PH S.U.	NA	6.88		7.16	7.16		6.42	6.42		6.64	6.64
SALINITY %	NA	0.5		0.4	0.4		0.04	0.04		0.04	0.04
TEMPERATURE C	NA	20.83		19.61	19.61		17.87	17.87		17.37	17.37
TURBIDITY NTU	NA	0		4.4	4.4		2.5	2.5		6.3	6.3

NA - Not Available
J - Estimated concentration
U - Not detected at that concentration
[F] - Exceeds U.S. EPA Maximum Contaminant Level (MCL)

TABLE 7-1

AQUEDUCT - SOURCE WATER -- DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		WS11	WS12	WS12	WS12	WS13	WS13	WS13	WS14	WS14	WS14
Sample ID	Federal	WS11AW001-D	WS12AW001	WS12AW001-AVG	WS12AW001-D	WS13AW001	WS13AW001-AVG	WS13AW001-D	WS14AW001	WS14AW001-AVG	WS14AW001-D
Site	MCL	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	[F]	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date		20091008	20091014	20091014	20091014	20091014	20091014	20091014	20091014	20091014	20091014
Area		Campo Pozzi Montemaggiore	Santa Maria la Foce	Santa Maria la Foce	Santa Maria la Foce	Campo Pozzi Mercato Palazzo	Campo Pozzi Mercato Palazzo	Campo Pozzi Mercato Palazzo	Santa Maria di Lavorate	Santa Maria di Lavorate	Santa Maria di Lavorate
Premise ID		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source		SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Shaded cell indicates exceedances of screening level											
Blank Cells indicate that parameter was not analyzed											
Dioxins (ng/L)											
1,2,3,4,7,8,9-HPCDF	NA	0.00066 J	0.001042 U	0.001136 U	0.00123 U	0.0012 U	0.0012 U	0.0012 U	0.0014 U	0.001176 U	0.000952 U
1,2,3,4,7,8-HXCDD	NA	0.00019 U	0.00078 U	0.000805 U	0.00083 U	0.0011 J	0.000755 J	0.00082 U	0.001243 U	0.001 J	0.001 J
1,2,3,4,7,8-HXCDF	NA	0.00064 U	0.0011 U	0.00085 J	0.00085 J	0.001029 U	0.00077 J	0.00077 J	0.00072 J	0.00086 J	0.001 J
1,2,3,6,7,8-HXCDD	NA	0.00019 U	0.000703 U	0.000732 U	0.00076 U	0.00086 J	0.000618 J	0.00075 U	0.001147 U	0.001 J	0.001 J
1,2,3,6,7,8-HXCDF	NA	0.00085 U	0.00095 U	0.00078 J	0.00078 J	0.000933 U	0.00072 J	0.00072 J	0.00069 J	0.00069 J	0.00069 J
1,2,3,7,8,9-HXCDD	NA	0.00033 J	0.00075 U	0.000765 U	0.00078 U	0.00096 U	0.000866 U	0.000771 U	0.0012 U	0.00092 U	0.00064 U
1,2,3,7,8,9-HXCDF	NA	0.00028 J	0.0012 U	0.00086 U	0.00052 U	0.001148 U	0.000864 U	0.00058 U	0.00065 U	0.00054 U	0.00043 U
1,2,3,7,8-PECDD	NA	0.000283 U	0.00061 J	0.00043 J	0.0005 U	0.000694 U	0.000612 U	0.00053 U	0.000741 U	0.000706 U	0.00067 U
1,2,3,7,8-PECDF	NA	0.0012 U	0.000582 U	0.000546 J	0.0008 J	0.00065 U	0.000813 J	0.0013 J	0.00098 J	0.00079 J	0.0006 J
2,3,4,6,7,8-HXCDF	NA	0.000212 U	0.0011 U	0.00052 J	0.00052 J	0.0011 U	0.000815 U	0.00053 U	0.00067 J	0.00043 J	0.00038 U
2,3,4,7,8-PECDF	NA	0.00052 U	0.00087 J	0.001135 J	0.0014 J	0.00077 J	0.000795 J	0.00082 J	0.00077 J	0.00086 J	0.00095 J
2,3,7,8-TCDF	NA	0.00024 U	0.000363 U	0.000597 U	0.00083 U	0.0005 U	0.000445 U	0.00039 U	0.00086 U	0.000715 U	0.00057 U
TEQ	0.03	0.0000676	0.000871	0.000765	0.000659	0.000427	0.000431	0.000434	0.0004684	0.00057	0.000672
TOTAL HPCDD	NA	0.0027 J	0.002 J	0.001275 J	0.0011 U	0.0079 J	0.00535 J	0.0028 J	0.0019 J	0.00195 J	0.002 J
TOTAL HPCDF	NA	0.0026 J	0.017 J	0.01335 J	0.0097 J	0.018 J	0.0136 J	0.0092 J	0.0068 J	0.0079 J	0.009 J
TOTAL HXCDD	NA	0.00061 J	0.002206 U	0.002303 U	0.0024 U	0.0029 J	0.002035 J	0.002338 U	0.0036 U	0.0027 J	0.0027 J
TOTAL HXCDF	NA	0.0024 J	0.0077 J	0.00505 J	0.0024 J	0.005205 U	0.0039 J	0.0039 J	0.0024 U	0.0029 J	0.0046 J
TOTAL PECDD	NA	0.000283 U	0.00061 J	0.00043 J	0.0005 U	0.000694 U	0.000612 U	0.00053 U	0.000741 U	0.000706 U	0.00067 U
TOTAL PECDF	NA	0.0018 J	0.0013 J	0.00175 J	0.0022 J	0.0014 J	0.00175 J	0.0021 J	0.0017 J	0.0016 J	0.0015 J
TOTAL TCDF	NA	0.000471 U	0.00073 U	0.000833 J	0.0013 J	0.000813 U	0.000793 U	0.000771 U	0.001 J	0.00088 J	0.00076 J
Volatile Organics (ug/L)											
CHLOROFORM	80	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.646	0.669	0.692
TETRACHLOROETHENE	5	0.1 U	0.1 U	0.1 U	0.1 U	0.118 J	0.133 J	0.148 J	0.1 U	0.1 U	0.1 U
TOLUENE	1000	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0795 J	0.109 J	0.1 U	0.1 U	0.1 U
TRICHLOROETHENE	5	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Radijological Parameters (pCi/L)											
GROSS ALPHA	15	2.69 U	2.96 U	2.95 U	2.94 U	2.86 U	2.83 U	2.8 U	2.93 U	2.915 U	2.9 U
GROSS BETA	NA	6.34	9.93	9.185	8.44	8.42	7.435	6.45	7.79	7.975	8.16
Inorganics (ug/L)											
ALUMINUM	NA	11.7	2.52	3.37	4.22	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
ANTIMONY	6	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.28	0.275	0.27
ARSENIC	10	**38.9 [F]**	**53.2 [F]**	**52.8 [F]**	**52.4 [F]**	**42.8 [F]**	**43 [F]**	**43.2 [F]**	**60.1 [F]**	**61.05 [F]**	**62 [F]**
BARIUM	2000	20.3	15.6	17.15	18.7	19.6	17.8	16	15.7	13.95	12.2
BERYLLIUM	4	0.03 U	0.0318 U	0.05565 U	0.0795 U	0.0305 U	0.0531 U	0.0757 U	0.0551 U	0.05585 U	0.0566 U
CADMIUM	5	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHROMIUM	100	3.4 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
COBALT	NA	1.25	1.94	1.93	1.92	1.65	1.6	1.55	2.26	2.265	2.27
COPPER	1300	18.2	0.998	1.074	1.15	0.559	0.5255	0.492	0.364	0.2665	0.169
IRON	NA	38.7 J	15.6	15.2	14.8	12.8	13.5	14.2	16.9	18.4	19.9
LEAD	15	0.665 U	0.04 U	0.0675	0.115	0.0642	0.0421	0.04 U	0.04 U	0.04 U	0.04 U
MANGANESE	NA	0.479	0.1 U	0.1 U	0.1 U	0.408	0.229	0.1 U	0.1 U	0.1 U	0.1 U
MERCURY	2	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
NICKEL	NA	3.67	1.39 U	1.8825 J	3.07 J	0.822 U	0.931 U	1.04 U	1.36 U	1.405 U	1.45 U
SELENIUM	50	0.2 U	0.802	0.686	0.57	0.575	0.6045	0.634	0.344	0.4495	0.555
SILVER	NA	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
THALLIUM	2	0.04 U	0.04 U	0.4265	0.833	0.461	0.3585	0.256	0.259	0.1749	0.0908
TIN	NA	1.14	0.789	0.47475	0.321 U	0.132 U	0.2595 U	0.387 U	9.43 J	4.75725 J	0.169 U
URANIUM	30	2.11	2.03	2.015	2	1.6	1.63	1.66	2.62	2.595	2.57
VANADIUM	NA	4.81	1 U	2.74 U	4.48 U	1 UJ	5.4 J	10.3 J	1 U	2.325 U	3.65 U
ZINC	NA	6.93	8.02 U	7.385 U	6.75 U	2.16 U	2.055 U	1.95 U	1 U	1.225 U	1.45 U
Inorganics (mg/L)											
CALCIUM	NA	177	107	107.5	108	89.6	89.9	90.2	126	126.5	127
MAGNESIUM	NA	43.6	30.1	30.2	30.3	22.1	22.15	22.2	28.4	28.45	28.5
POTASSIUM	NA	6.44	10.1	10.15	10.2	8.78	8.79	8.8	10.1	10.1	10.1
SODIUM	NA	16.1	35.9	36.1	36.3	24.5	24.65	24.8	24.4	24.35	24.3
Microbiological Parameters (CFU/1)											
FECAL COLIFORM	0		1 <	1 <		1 <	1 <		1 <	1 <	
TOTAL COLIFORM	0		1 <	1 <		1 <	1 <		**4.2 [F]**	**4.2 [F]**	

NA - Not Available
J - Estimated concentration
U - Not detected at that concentration
[F] - Exceeds U.S. EPA Maximum Contaminant Level (MCL)

TABLE 7-1

AQUEDUCT - SOURCE WATER -- DETECTED CONSTITUENTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location		WS11	WS12	WS12	WS12	WS13	WS13	WS13	WS14	WS14	WS14
Sample ID	Federal	WS11AW001-D	WS12AW001	WS12AW001-AVG	WS12AW001-D	WS13AW001	WS13AW001-AVG	WS13AW001-D	WS14AW001	WS14AW001-AVG	WS14AW001-D
Site	MCL	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	[F]	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date		20091008	20091014	20091014	20091014	20091014	20091014	20091014	20091014	20091014	20091014
Area		Campo Pozzi Montemaggiore	Santa Maria la Foce	Santa Maria la Foce	Santa Maria la Foce	Campo Pozzi Mercato Palazzo	Campo Pozzi Mercato Palazzo	Campo Pozzi Mercato Palazzo	Santa Maria di Lavorate	Santa Maria di Lavorate	Santa Maria di Lavorate
Premise ID		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source		SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Shaded cell indicates exceedances of screening level											
Blank Cells indicate that parameter was not analyzed											
Miscellaneous Parametes (mg/L)											
CHLORIDE	NA	25.6	63.9	65.85	67.8	44.7	44.75	44.8	44.5	44.7	44.9
FLUORIDE	4000	0.303	0.36	0.386	0.412	0.342	0.3	0.258	0.434	0.391	0.348
NITRATE	10000	5.1	10.5	10.6	10.7	10.6	10.6	10.6	9.75	9.675	9.6
SULFATE	NA	7.86	17.5	17.95	18.4	15.7	15.45	15.2	24.2	24.15	24.1
Field Parameters											
CHLORINE MG/L	4		0	0		0	0		0	0	
CONDUCTIVITY MS/CM	NA		0.944	0.944		0.761	0.761		0.944	0.944	
DISSOLVED OXYGEN MG/L	NA		9.46	9.46		10.26	10.26		9.46	9.46	
OXIDATION REDUCTION POTENTIAL MV	NA		276	276		250	250		276	276	
PH S.U.	NA		6.96	6.96		6.86	6.86		6.96	6.96	
SALINITY %	NA		0.02	0.02		0.2	0.2		0.02	0.02	
TEMPERATURE C	NA		13.29	13.29		15.21	15.21		13.29	13.29	
TURBIDITY NTU	NA		0	0		30.7	30.7		0	0	

NA - Not Available
J - Estimated concentration
U - Not detected at that concentration
[F] - Exceeds U.S. EPA Maximum Contaminant Level (MCL)

TABLE 7-2

DESCRIPTIVE STATISTICS OF AQUEDUCT WATER SAMPLE DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
Dioxins/Furans (NG/L)								
1,2,3,4,7,8,9-HPCDF	11/14	--	NC	0.00026 J	0.00087 J	0.000284 - 0.0014	0.00047	0.00050
1,2,3,4,7,8-HXCDD	2/14	--	NC	0.000755 J	0.0011 J	0.000095 - 0.001243	0.00088	0.00024
1,2,3,4,7,8-HXCDF	4/14	--	NC	0.00065 J	0.0011 J	0.00033 - 0.0012	0.00078	0.00044
1,2,3,6,7,8-HXCDD	8/14	--	NC	0.00022 J	0.001 J	0.00019 - 0.001147	0.00044	0.00034
1,2,3,6,7,8-HXCDF	4/14	--	NC	0.00069 J	0.0018 J	0.00026 - 0.00095	0.00079	0.00043
1,2,3,7,8,9-HXCDD	11/14	--	NC	0.00019 J	0.00045 J	0.00024 - 0.0012	0.00029	0.00032
1,2,3,7,8,9-HXCDF	3/14	--	NC	0.000155 J	0.000284 J	0.00014 - 0.0012	0.00024	0.00022
1,2,3,7,8-PECDD	1/14	--	NC	0.00043 J	0.00061 J	0.000097 - 0.000741	0.00043	0.00020
1,2,3,7,8-PECDF	3/14	--	NC	0.000546 J	0.0013 J	0.00021 - 0.0012	0.00072	0.00040
2,3,4,6,7,8-HXCDF	6/14	--	NC	0.00021 J	0.00067 J	0.00017 - 0.0011	0.00033	0.00025
2,3,4,7,8-PECDF	3/14	--	NC	0.00077 J	0.0014 J	0.00031 - 0.001	0.00093	0.00044
2,3,7,8-TCDF	3/14	--	NC	0.000265 J	0.00048 J	0.00012 - 0.00086	0.00035	0.00023
TEQ	14/14	--	NC	0.000025	0.000871	-	0.00019	0.00019
TOTAL HPCDD	14/14	--	NC	0.001275 J	0.0079 J	0.0011 - 0.0011	0.00240	0.00240
TOTAL HPCDF	14/14	--	NC	0.00085 J	0.018 J	-	0.00410	0.00410
TOTAL HXCDD	13/14	--	NC	0.000528 J	0.0029 J	0.00067 - 0.0036	0.00108	0.00108
TOTAL HXCDF	14/14	--	NC	0.0012 J	0.0086 J	0.0024 - 0.005205	0.00272	0.00272
TOTAL PECDD	12/14	--	NC	0.00014 J	0.00061 J	0.000097 - 0.000741	0.00031	0.00031
TOTAL PECDF	14/14	--	NC	0.00071 J	0.0022 J	-	0.00134	0.00134
TOTAL TCDF	13/14	--	NC	0.00021 J	0.0013 J	0.00038 - 0.000813	0.00053	0.00052
Field Parameters								
CHLORINE (MG/L)	14/14	0	4	0	0.02	-	0.00	0.00
CONDUCTIVITY	14/14	--	NC	0.278	1.58	-	0.88	0.88
DISSOLVED OXYGEN (MG/L)	14/14	--	NC	5.41	17.9	-	9.81	9.81
OXIDATION REDUCTION POTENTIAL (MV)	14/14	--	NC	107	323	-	214.29	214.29
PH (S.U.)	14/14	--	NC	6.3	8.34	-	7.09	7.09
SALINITY (%)	14/14	--	NC	0.01	0.5	-	0.13	0.13
TEMPERATURE (C)	14/14	--	NC	13.29	20.83	-	17.27	17.27
TURBIDITY (NTU)	14/14	--	NC	0	30.7	-	4.95	4.95
Inorganics (UG/L)								
ALUMINUM	8/14	--	NC	2.52	44.9 J	2.2 - 9.81	13.08	8.31
ANTIMONY	4/14	0	6	0.1555	0.978	0.14 - 0.14	0.37	0.15
ARSENIC	14/14	9	10	4.1	62	-	28.61	28.61
BARIUM	14/14	0	2000	5.09	28.4	-	15.52	15.52
BERYLLIUM	1/14	0	4	0.0243	0.0336	0.03 - 0.115	0.02	0.03
CADMIUM	2/14	0	5	0.03375	0.0538	0.04 - 0.04	0.04	0.02
CALCIUM	14/14	--	NC	43.2	185	-	111.80	111.80
CHROMIUM	6/14	0	100	0.1585	7.2 J	0.15 - 0.15	3.20	1.41
COBALT	14/14	--	NC	0.124	2.27	-	0.95	0.95
COPPER	14/14	0	1300	0.169	20.6 J	-	3.77	3.77
IRON	10/14	--	NC	12.8	60.1 J	5.06 - 18.1	30.52	23.03
LEAD	8/14	0	15	0.0421	5.1 J	0.04 - 0.899	0.73	0.50
MAGNESIUM	14/14	--	NC	4.11	44.4	-	24.69	24.69

NC - No criterion
J - Estimated concentration

TABLE 7-2

DESCRIPTIVE STATISTICS OF AQUEDUCT WATER SAMPLE DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Positive Detections	Average of All Results
MANGANESE	8/14	--	NC	0.13	1.44	0.1 - 0.1	0.52	0.32
MERCURY	5/14	0	2	0.01275	0.026	0.015 - 0.015	0.01	0.01
NICKEL	12/14	--	NC	0.595 J	18.1	0.822 - 1.45	5.26	4.59
POTASSIUM	14/14	--	NC	0.626	18.2	-	6.47	6.47
SELENIUM	9/14	0	50	0.1505	0.802	0.2 - 0.2	0.34	0.25
SILVER	2/14	--	NC	0.095	0.334	0.12 - 0.12	0.15	0.07
SODIUM	14/14	--	NC	2.11	83.6	-	25.49	25.49
THALLIUM	6/14	0	2	0.0908	1.08	0.04 - 0.388	0.51	0.25
TIN	12/14	--	NC	0.079	9.43 J	0.1 - 0.387	0.91	0.79
URANIUM	14/14	0	30	0.144	12.1	-	2.31	2.31
VANADIUM	6/14	--	NC	3.13	12.1	1 - 4.48	6.60	3.23
ZINC	7/14	--	NC	5.84	556	1 - 8.02	125.66	63.35
Microbiological Parameters								
FECAL COLIFORM (CFU/100)	2/14	2	0	3.1 J	17.8	1 - 1	12.2	2.2
TOTAL COLIFORM (CFU/100)	4/14	4	0	1	144.5	1 - 1	50.7	14.8
Miscellaneous Parameters (MG/L)								
CHLORIDE	14/14	--	NC	3.15	163	-	48.59	48.59
FLUORIDE	8/14	0	4	0.158	0.434	0.2 - 0.2	0.30	0.21
NITRATE	14/14	0	44.3	1.86	21.2	-	7.52	7.52
SULFATE	14/14	--	NC	1.84	64.5	-	16.47	16.47
Volatile Organics (UG/L)								
CHLOROFORM	1/14	0	80	0.646	0.692	0.09 - 0.09	0.669	0.090
TETRACHLOROETHENE	1/14	0	5	0.118 J	0.148 J	0.1 - 0.1	0.133	0.056
TOLUENE	1/14	0	1000	0.0795 J	0.109 J	0.1 - 0.1	0.080	0.052
TRICHLOROETHENE	1/14	0	5	0.176 J	0.287 J	0.13 - 0.13	0.176	0.073
Radiological Parameters (pCi/L)								
GROSS ALPHA	7/14	0	15	2.1325	10.9 J	2.04 - 2.96	5.74	3.56
GROSS BETA	13/14	4	8	2.52	14.5	2.19 - 3.46	6.91	6.51

NC - No criterion
J - Estimated concentration

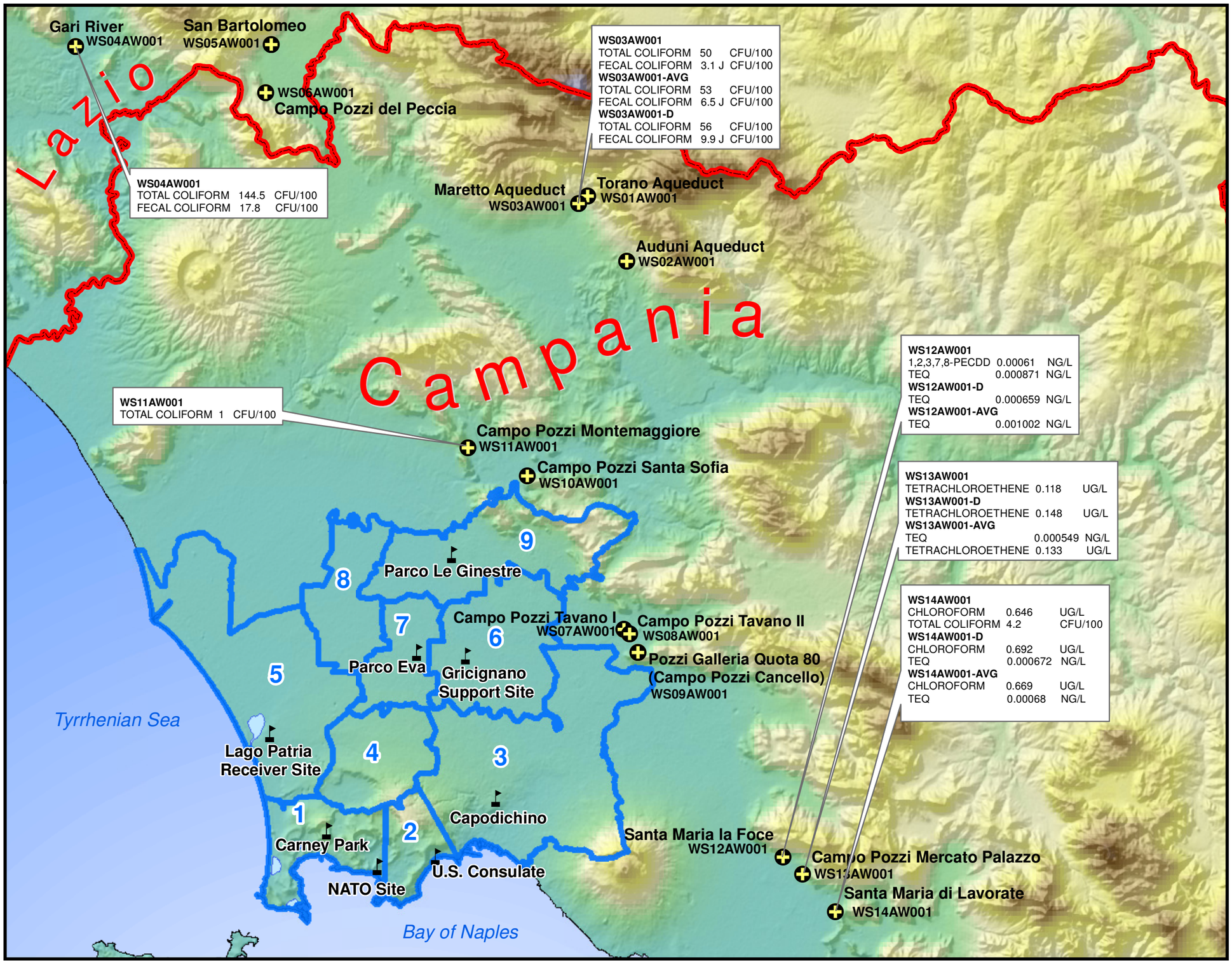
TABLE 7-3

RADIOLOGICAL SUMMARY
SUBTRACTION OF POTASSIUM-40 FROM GROSS BETA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Sample ID	GROSS BETA (pCi/L)		POTASSIUM (mg/L)	K-40 (pCi/L)	BETA-K40 (pCi/L)*
WS01AW001	2.72	U	0.721	0.59122	FALSE
WS01AW001-D	3.8		0.708	0.58056	FALSE
WS02AW001	2.45	U	0.626	0.51332	FALSE
WS02AW001-D	5.26		0.626	0.51332	FALSE
WS03AW001	2.78		0.837	0.68634	FALSE
WS03AW001-D	3.46	U	0.833	0.68306	FALSE
WS04AW001	3.77		1.1	0.902	FALSE
WS04AW001-D	2.6	U	1.12	0.9184	FALSE
WS05AW001	3	U	0.88	0.7216	FALSE
WS05AW001-D	2.19	U	0.908	0.74456	FALSE
WS06AW001	2.52		1.01	0.8282	FALSE
WS06AW001-D	2.88	U	1.04	0.8528	FALSE
WS07AW001	11.4	J	13	10.66	FALSE
WS08AW001	14.5		18	14.76	FALSE
WS09AW001	13.6		11.1	9.102	FALSE
WS10AW001	6.41		7.67	6.29	FALSE
WS10AW001-D	5.95		7.66	6.28	FALSE
WS11AW001	5.56		6.49	5.32	FALSE
WS11AW001-D	6.34		6.44	5.28	FALSE
WS12AW001	9.93		10.1	8.28	FALSE
WS12AW001-D	8.44		10.2	8.36	FALSE
WS13AW001	8.42		8.78	7.20	FALSE
WS13AW001-D	6.45		8.8	7.22	FALSE
WS14AW001	7.79		10.1	8.28	FALSE
WS14AW001-D	8.16		10.1	8.28	FALSE

Gross Beta MCL = 8 pCi/L
* Is Gross Beta minus K-40 > Gross Beta MCL?

J - Estimated value
U - Not detected at that value



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Figure 7-1
Aqueduct Sampling Exceedances in Campania, Region of Italy
Naples Area Public Health Evaluation
Naples, Italy

Legend

- Aqueduct Sampling Oct. 2009
- Government Sites
- Campania/Lazio Border
- Study Area Boundary (1-9)
- Water

Elevation in Feet

High : 2648

Low : 0

1 Blue number on map indicates Study Area.

0 2,500 5,000 10,000 15,000 20,000 Meters

0 2.5 5 10 Miles

Drawn By: MP 01/12/10
Checked By: RK
Approved By: RK

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II Aqueduct Map 01 12 2010.mxd)
1/12/2010 -- 11:13:45 AM

8.0 VAPOR INTRUSION INVESTIGATION AT CAPODICHINO AND GRICIGNANO SUPPORT SITE

The presence of VOCs in water samples collected from irrigation wells at Capodichino and Gricignano Support Site suggested that vapor intrusion could be a potential contaminant transport pathway at these sites. Specifically, PCE is frequently detected in the irrigation well water at concentrations greater than its tap water RSL. Therefore, the Navy initiated a vapor intrusion investigation at these two installations.

This investigation used a phased approach to determine if vapor intrusion from subsurface environmental impacts would result in unacceptable health risks. The investigators collected a total of 45 ASG samples during four sampling "rounds." Tetra Tech collected these samples from beneath slabs at buildings selected based on concerns related to use and to provide geographic coverage at the two installations. Elevated concentrations detected during the first two rounds of ASG sampling led to a vapor intrusion building survey that determined potential vapor intrusion pathways and identified conceptual design features for potential mitigation systems. Based on initial ASG results and building survey findings, Tetra Tech collected additional ASG samples and selected buildings for indoor air quality (IAQ) sampling. **Figures 8-1** and **8-2** illustrate the locations of the ASG samples and their corresponding PCE concentrations at Capodichino and the Support Site, respectively.

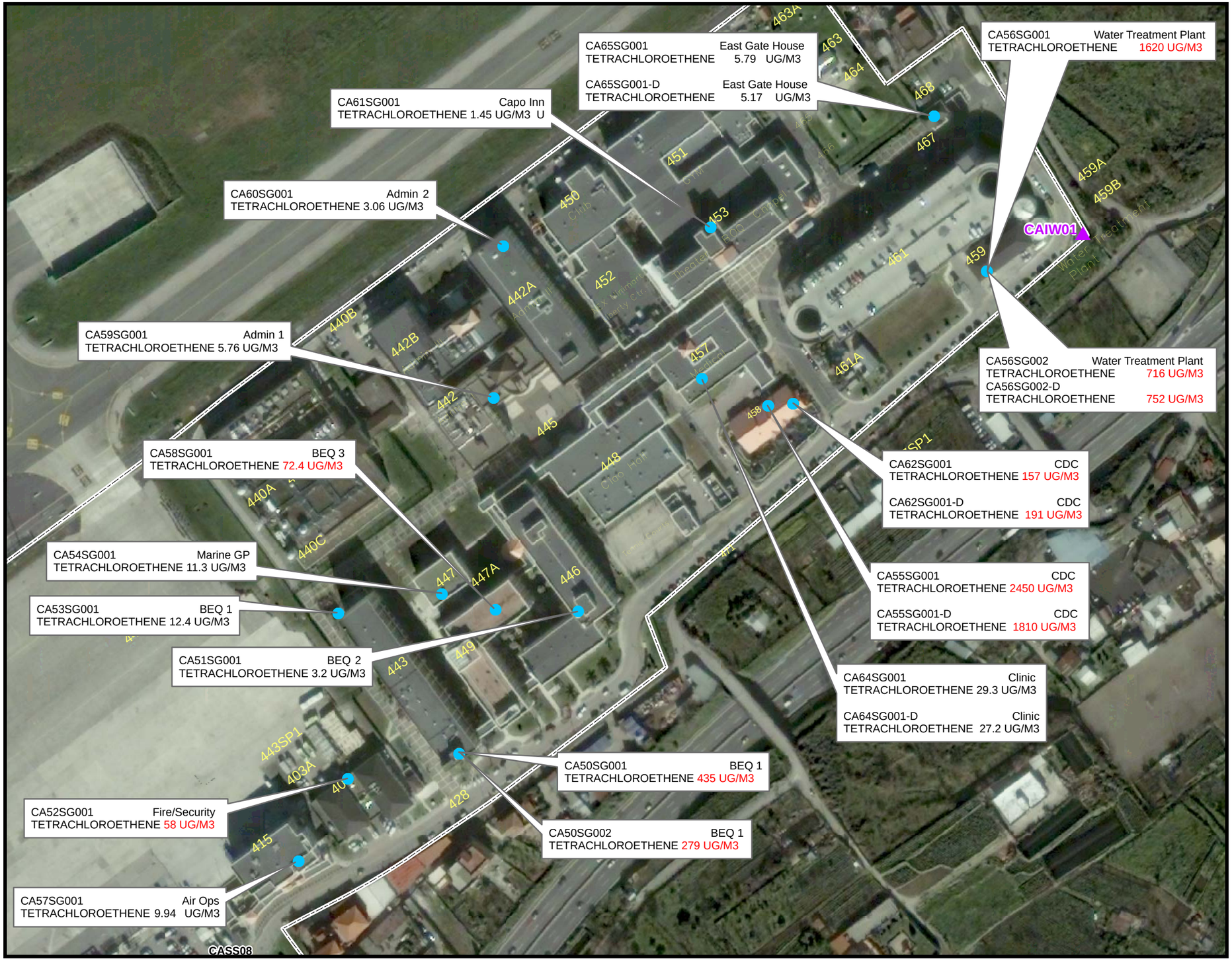
For IAQ sampling, the principal vapor intrusion constituent of concern was PCE, based on multiple lines of evidence including AA data, groundwater data, soil data, and the presence of other compounds in soil gas typically associated with volcanic activity. The IAQ investigations at Capodichino and the Support Site indicated that the Capodichino Child Development Center (CDC) was the only location where PCE in indoor air was potentially present because of vapor intrusion. Results of indoor air samples collected from the Support Site High School indicated no PCE detections, despite the presence of PCE in a sub-slab ASG sample collected from beneath the high school.

Results from the first IAQ sample at the CDC indicated the potential occurrence of vapor intrusion because levels of PCE slightly exceeded ambient air levels; however, these IAQ concentrations corresponded to risks that are less than the investigation's risk screening criteria; therefore, indoor air risks at the CDC were acceptable. However, because of children's sensitivity to chemical exposure and the uncertainty associated with the nature and extent of PCE concentrations in groundwater at Capodichino, Tetra Tech recommended implementing a mitigation measure to limit or prevent the intrusion of PCE into the CDC building. Installation of a vapor intrusion mitigation system for the CDC was completed on May 14, 2010. The vapor intrusion mitigation system is a subslab depressurization (SSD) system that mitigates potential subsurface vapor intrusion into indoor air by extracting vapor and inducing a vacuum under the existing building concrete foundation in areas where elevated VOCs are

known to be present. Measurements were taken during the initial three days of system operation to verify that the blower was operating in accordance with specifications. Relatively equal volumes of air from the four extraction points were achieved. All fail safes were inspected and all functioned properly.

Tetra Tech does not recommend active vapor intrusion mitigation in other buildings at the installations.

Details regarding this vapor intrusion investigation at Capodichino and Support Site are presented in **Appendix D**.



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Figure 8-1
Capodichino
PCE Detected in
Active Soil Gas Results
Naples Public Health Evaluation
Naples, Italy

Results in red are > 10 times the ASG RSL

Legend

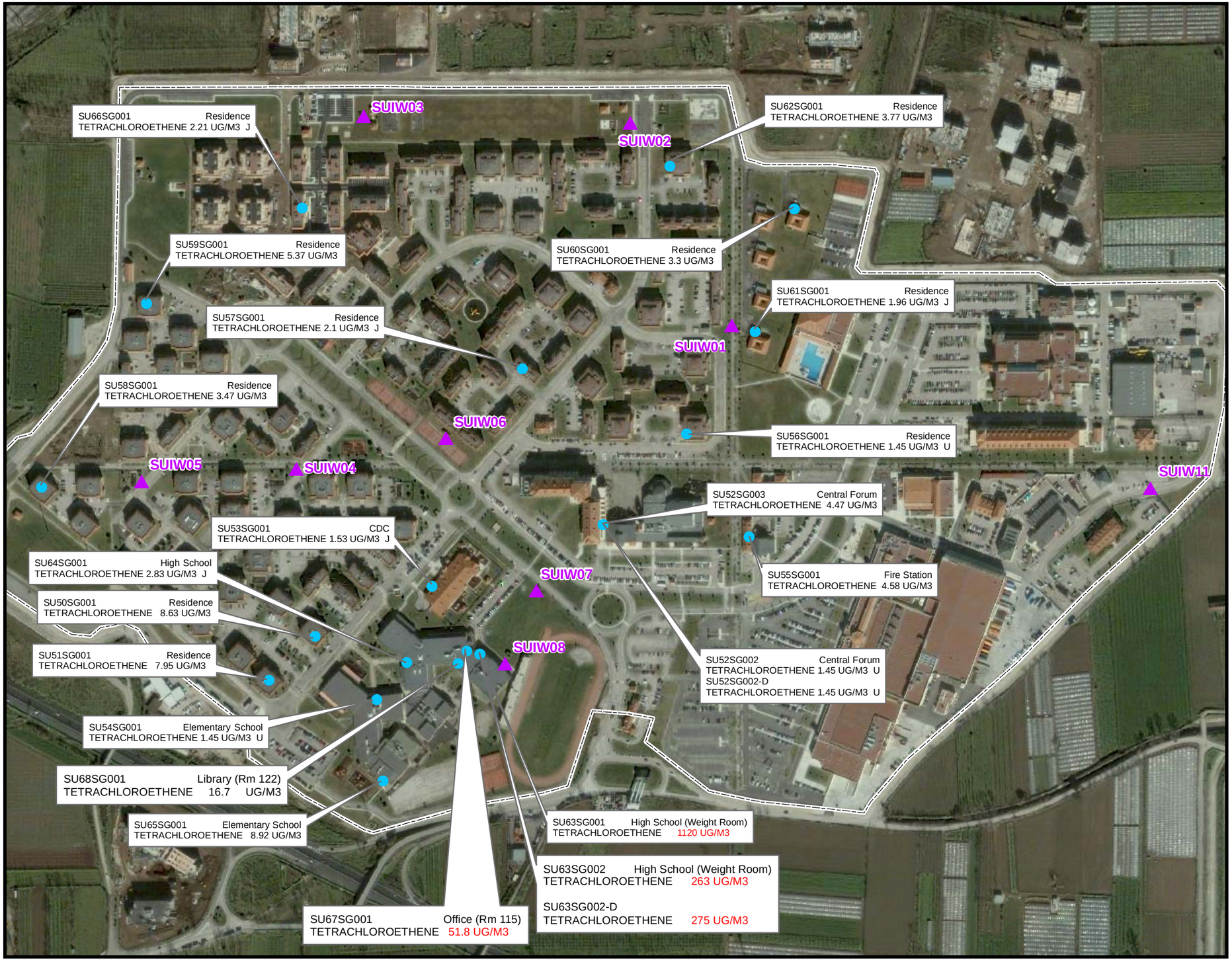
- Active Soil Gas Results
- Irrigation Well Sample Location
- Installation Area

N

0 12.5 25 50 75 100
Meters

Drawn By: LR 11/03/09
Checked By: RK
Approved By: RK

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II CAPO ASG PCE 11 03 09.mxd)
11/3/2009 -- 10:37:00 AM



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Figure 8-2
Support Site
PCE Detected in
Active Soil Gas Results
Naples Public Health Evaluation
Naples, Italy

Legend

- Active Soil Gas Results
- Irrigation Well Sample Location
- Installation Area

Results in red are > 10 times the ASG RSL

N

0 37.5 75 150 225 300 Meters

Drawn By: LR 11/03/09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II Support Site ASG 11 03 09.mxd)
11/3/2009 -- 11:14:50 AM

9.0 RADIONUCLIDE SPECIATION OF TAP WATER SAMPLES

As part of the ETSA, Tetra Tech collected tap water samples and screened them for gross alpha and gross beta activities. SGS Laboratories, Inc., in Rouen, France and General Engineering Laboratories (GEL) LLC, in Charleston, South Carolina analyzed radiological samples in support of the ETSA investigation at NSA Naples. MCLs were used for evaluation of measured concentrations. The gross alpha and the gross beta MCLs used for the study are 15 pCi/L and 4 millirem per year (mrem/y), respectively, which are the SDWA limits for gross alpha activity and total man-made beta and photon emitters. The SDWA defines the MCL for man-made beta and photon emitters in terms of the radiation dose that an individual could receive in a year from a drinking water pathway. A dose limit cannot be used directly to screen radionuclide data. For this evaluation, the gross beta screening criterion was set at 8 pCi/L, which is equivalent to the concentration of strontium-90 that would result in a dose of 4 mrem/y. Strontium-90 was selected for this purpose because it is the most restrictive man-made beta or photon-emitting radionuclide that might be expected to be present in the water samples.

Figure 9-1 presents a flow diagram illustrating the radiological analysis scheme and the radionuclide screening process used in this study. Radionuclide speciation analyses were required for tap water samples from public water supplies if they had gross alpha activity greater than 15 pCi/L or gross beta activity greater than 8 pCi/L. Speciation was not required for water samples from private wells and non-drinking water sources that exceeded MCLs; the SDWA limits apply only to public water sources. As part of the radiological screening flow process, samples were also analyzed by Inductively Coupled Plasma (ICP) for total uranium and potassium. The SDWA MCL for uranium is 30 µg/L. The potassium results were used to calculate the activity concentration of potassium-40, a beta emitter, using its known natural abundance. The potassium-40 activity concentration, in units of pCi/L, was derived by multiplying the total potassium concentration, in units of mg/L, by a conversion factor of 0.82, which incorporates the average percentage of potassium-40 found in natural potassium and its specific activity. Subtracting the calculated potassium-40 activity from the gross beta result yielded an estimate of the total man-made beta activity, which allowed comparison to the 8 pCi/L criterion for determining whether additional analysis was necessary. This screening criterion is conservative because it includes the assumption that any gross-beta activity (excluding potassium-40) is from the most restrictive radionuclide, strontium-90.

The initial review of screening results for all samples evaluated whether gross alpha or gross beta concentrations exceed MCLs. As **Figure 9-1** illustrates, if the activity of a sample exceeded the gross alpha criterion of 15 pCi/L, the sample would be speciated for radium-226/228. If a sample activity gross-beta concentration, after subtraction of the potassium-40 contribution, exceeded 8 pCi/L, the sample would be speciated for the beta emitters radium-228 and strontium-90. To determine whether the strontium-90 concentration exceeded the MCL, the speciated sample results were compared directly to

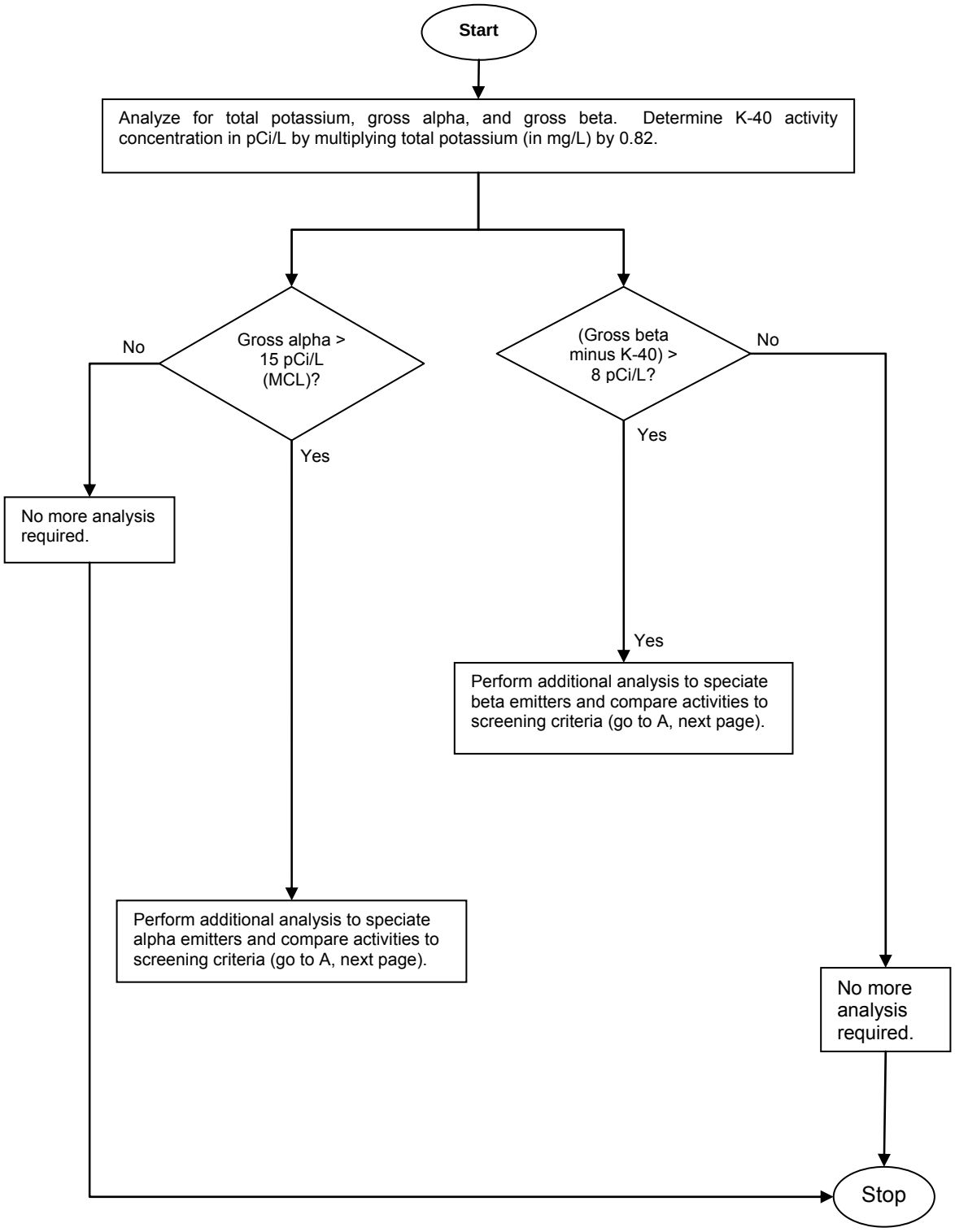
the 8 pCi/L criterion. Gross beta concentrations, after subtracting contributions from potassium-40, srtontium-90, and radium-228 concentrations were compared against a SDWA gross beta screening limit of 50 pCi/L, specified in the QAPP (**Tetra Tech, 2009b**). The radium-228 concentration must be subtracted for this comparison, because, although it is a beta emitter, it is naturally occurring, and the screening criterion applies only to man-made radionuclides. If that adjusted activity is less than 50 pCi/L, no further speciation was required. If the activity exceeded 50 pCi/L, gamma spectrometry analysis would be performed.

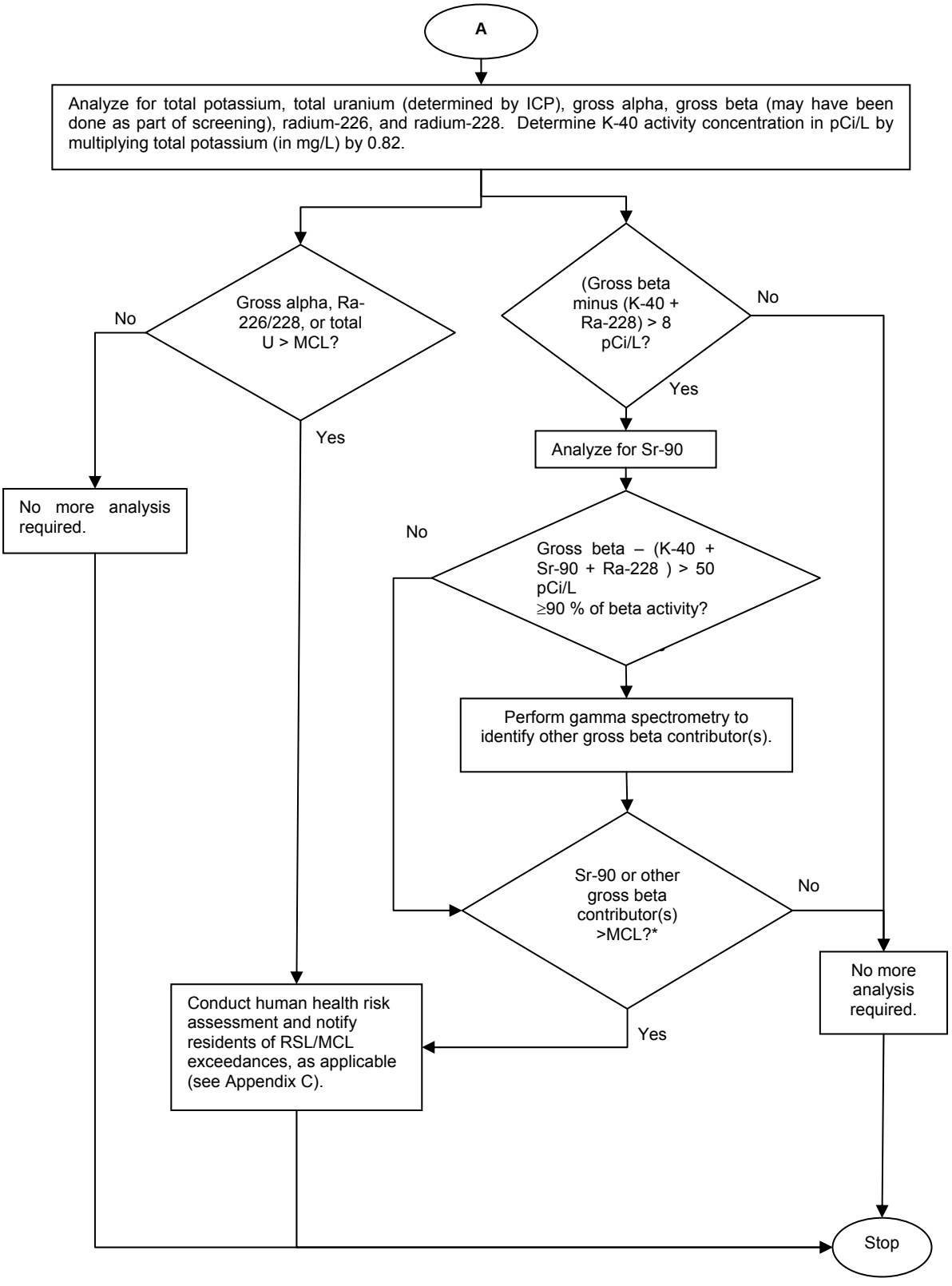
Gross alpha screening analyses on all tapwater samples indicated no exceedances of the 15 pCi/L MCL criterion.

Thirty-seven sample locations received speciation analyses because their gross beta concentrations exceeded 8 pCi/L. **Table 9-1** summarizes those sample locations speciated for gross beta exceedances. Of the 37 locations, 24 are Phase II locations and two are pre-lease locations. The remaining eleven represent Phase I re-sample locations for which samples were collected during Phase II. All samples that received speciation had adjusted gross beta activities less than the 50 pCi/L gross beta criterion, with the exception of sample location 0497. Tetra Tech re-sampled location 0497 1 year later during Phase II and the laboratory analyzed the sample for potassium and speciation parameters. During Phase I, potassium analysis was not included in the metals fraction; therefore, correction of the original sample for naturally occurring potassium-40 was not possible. In the re-sample analysis, the laboratory reported nondetects for radium-228 and strontium-90 and the potassium-40 activity in the sample was insufficient to reduce the initially reported gross beta activity to less than 8 pCi/L. Correction of gross beta with the aforementioned analytes did not reduce the beta activity sufficiently to less than 50 pCi/L. However, given the time difference in the collection of the two samples, analysis of the re-sample indicates that the radionuclide concentrations at that location were very different than during the initial sampling.

Additional samples collected during the entire course of the investigation had gross Beta concentrations greater than the MCL. However, for various reasons, field personnel were unable to collected an additional water sample for radionuclide speciation. **Table 9-2** summarizes the information pertinent to why follow-up sampling could not be completed at specific locations .

Figure 9-1. Radiological Analysis Scheme





*For comparison to 4 mrem/yr MCL, compute sum of fractions as described in US Safe Drinking Water Act.

TABLE 9-1

RADIONUCLIDE SPECIATION SUMMARY
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

LOCATION ID	GROSS BETA (piC/L)	POTASSIUM (mg/L)	K-40 (pCi/L)	BETA-K40 (pCi/L)	RADIUM-228 (pCi/L)	STRONTIUM-90 (pCi/L)	(BETA-K40)-(Ra-228+Sr-90) pCi/L	EVENT	STUDY AREA
151	10.3	2.62	2.1484	8.1516	ND	ND	<50	PRE-LEASE HOME	1
266	12.4	4.91	4.0262	8.3738	ND	ND	<50	PHASE II	8
1969	10.3	1.23	1.0086	9.2914	ND	ND	<50	PHASE II	5
1194	21.6	14.8	12.136	9.464	1.18	ND	<50	PHASE II	0
1817	20.8	13.7	11.234	9.566	ND	ND	<50	PHASE II	2
1517	17.8	9.89	8.1098	9.6902	ND	ND	<50	PHASE II	1
2032	46	43.8	35.916	10.084	ND	ND	<50	PHASE II	8
1694	12.2	2.43	1.9926	10.2074	ND	ND	<50	PHASE II	5
882	32.8	27.5	22.55	10.25	ND	ND	<50	PHASE II	5
143	10.8	0.606	0.49692	10.30308	ND	ND	<50	PRE-LEASE HOME	1
114	15.4	5.79	4.7478	10.6522	ND	ND	<50	PHASE II	4
171	18.9	9.65	7.913	10.987	ND	ND	<50	PHASE II	1
2003	14.3	1.6	1.312	12.988	ND	ND	<50	PHASE II	9
1332	18.4	5.63	4.6166	13.7834	ND	ND	<50	PHASE II	2
1926	32.4	22.6	18.532	13.868	ND	ND	<50	PHASE II	7
1945	15.9	1.69	1.3858	14.5142	ND	ND	<50	PHASE II	5
1613	62.2	56	45.92	16.28	ND	ND	<50	PHASE II	8
1964	20.5	2.93	2.4026	18.0974	ND	ND	<50	PHASE II	1
1638	54.1	43.8	35.916	18.184	ND	ND	<50	PHASE II	8
1874	24.6	7.54	6.1828	18.4172	ND	ND	<50	PHASE II	8
2016	56.8	43.1	35.342	21.458	ND	ND	<50	PHASE II	5
1364	59.5	46	37.72	21.78	0.808	ND	<50	PHASE II	6
488	62.2	46.5	38.13	24.07	0.793	ND	<50	PHASE II	8
961	36.2	2.02	1.6564	34.5436	ND	ND	<50	PHASE II	5
2140	43.4	4.15	3.403	39.997	ND	ND	<50	PHASE II	1
497	155.7	*	*	*	ND	ND	Indeterminate	PHASE II	8
1614	55.14	45.7	37.474	17.666	ND	ND	<50	PHASE I- RE-SAMPLE	8
1602	55.7	45.5	37.31	18.39	ND	ND	<50	PHASE I- RE-SAMPLE	8
1744	60	43.8	35.916	24.084	ND	ND	<50	PHASE I- RE-SAMPLE	7
457	57.3	42.6	34.932	22.368	ND	ND	<50	PHASE I- RE-SAMPLE	8
214	56.2	41.6	34.112	22.088	ND	ND	<50	PHASE I- RE-SAMPLE	8
1675	53.8	41.4	33.948	19.852	ND	ND	<50	PHASE I- RE-SAMPLE	7
1365	55.4	41.3	33.866	21.534	ND	ND	<50	PHASE I- RE-SAMPLE	6
1589	54.6	40.9	33.538	21.062	ND	ND	<50	PHASE I- RE-SAMPLE	9
1606	54.9	40.8	33.456	21.444	ND	ND	<50	PHASE I- RE-SAMPLE	8
539	51.35	40.5	33.21	18.14	ND	ND	<50	PHASE I- RE-SAMPLE	8
1732	54.6	7.45	6.109	48.491	ND	ND	<50	PHASE I- RE-SAMPLE	7

ND-Not Detected
*The laboratry did not analyze the original sample for potassium

TABLE 9-2

RADIONUCLIDE SPECIATION SUMMARY--UNSAMPLED RESIDENCES
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

LOCATION ID	EVENT	WATER SOURCE	STUDY AREA	REASON LOCATION WAS NOT RESAMPLED AND SPECIATED FOR RADIONUCLIDES
0217	PHASE I	Well	8	Landlord declined access
0238	PHASE I	Well	8	House was changed to public water source; well is no longer accessible.
0250	POST-PHASE I 500-FOOT RADIUS STEP OUT	Well	8	House was changed to public water source; well has been removed
0263	PHASE I	Well	8	Unable to contact landlord (wrong contact information)
0271	PHASE I	Well	8	Landlord declined access
0283	PHASE I	Well	8	Landlord cancelled; house is now connected to public water source
0309	PHASE I	Well	8	Landlord declined access
0332	POST-PHASE I 500-FOOT RADIUS STEP OUT	Well	8	House no longer available for rent through Navy Public Housing Office
0333	PHASE I/PHASE II	Well	8	Landlord declined access
0366	POST-PHASE I 500-FOOT RADIUS STEP OUT	Well	8	No well source available
0368	POST-PHASE I 500-FOOT RADIUS STEP OUT	Well	8	Landlord no longer interested in leasing home through Navy Public Housing Office
0388	POST-PHASE I 500-FOOT RADIUS STEP OUT	Well	8	No well source available
0409	POST-PHASE I 500-FOOT RADIUS STEP OUT	Well	8	Unable to contact landlord
0440	PHASE I	Well	8	Landlord declined access
0454	POST-PHASE I 500-FOOT RADIUS STEP OUT	Well	8	Unable to contact landlord
1608	PHASE I	Well	8	No power in well
1614	PHASE I	Well	8	Original gross beta sample resulted was greater than 50 pCi/L, but water source was blended; Resampled as pre-lease location on 10/17/08, but plumbing was changed to public water source and gross beta was less than 8 pCi/L after K-40 correction; outside well was resampled on 5/23/09 (1614W) and speciation results were non-detect.
1634	PHASE I	Well	8	Unable to sample location; unable to reach tenant; messages never returned.
1767	PHASE I PILOT HOME	Well	5	Vacated after pilot study; location rented to Italian family (September, 2008)
1877	PRE-LEASE HOME	Public	6	Unable to sample location; unable to reach tenant; messages never returned.
VILLA	PHASE I	Well	8	Tetra Tech air sampling station; no resampling was planned.

10.0 DATA QUALITY REVIEW OF AIR, WATER, AND SOIL SAMPLING PHASE II INVESTIGATION

This section contains a description of the data review processes used to determine whether analytical laboratory data collected during the air, water, and soil sampling field effort for Phase II Investigation of the NSA Naples ETSA were of acceptable quality for use in decision-making. The air samples are a combination of soil gas and the residential ambient air samples collected during the Phase II Investigation. The review began with data validation, which is a comparison of data quality indicators (DQIs) to the prescribed acceptance criteria listed in **Section 10.1**. DQIs are measures used to assess the completeness, sensitivity, accuracy, precision, comparability, and representativeness of the sample collection and sample analysis processes. The output of this review was a set of alphabetic flags such as "U," "J", "R," or combinations thereof, assigned to individual results based on the validation effort. These flags denote the general quality of the data and indicate whether the data quality meets the data quality objectives (DQOs) of the project. Tetra Tech achieved the DQOs presented in the ETSA for the QAPP (**Tetra Tech, 2009c**) throughout the course of the sampling episodes.

10.1 DATA VALIDATION PROCESS

In accordance with Navy requirements for this project, Tetra Tech validated 20 percent of analytical laboratory results using a full and rigorous data validation process following the guidelines presented in EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (**EPA 1999**), and EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Validation (**EPA 2004**). The remaining 80 percent of the laboratory results had a significant but less rigorous level of validation. If data anomalies were apparent, the Data Validation Manager required a more detailed examination of data based on quality assurance (QA) concerns. This less rigorous validation differed from full validation in that it did not include all of the QA requirements listed in the QAPP (**Tetra Tech, 2009c**). The less rigorous validation focuses on sample integrity, adherence to sample holding times, detection limit achievement, accuracy of agreement between hard copy and electronic copy data, field duplicate precision, and blank contamination. Both the full and less-rigorous validation reports are available upon request.

Data validation specifications require the assignment of data qualifiers in response to various data deficiencies. Validation specifications also require applying data qualifiers to results reported as being less than detection limits. The flags used for data qualification are as follows:

U –The analytical method could not detect the analyte at the sample specific detection limit. The data validator also adds this qualifier to a result if the detected concentration is determined to be attributable to contamination introduced during field sampling or laboratory analysis.

UJ – The analytical method could not detect the analyte at the sample-specific detection limit; however, the sample-specific detection limit may be inaccurate or imprecise based on validation review criteria. The associated numerical detection limit may be inaccurate or imprecise.

J –The chemical was present; however, the associated numerical result is not a precise representation of the concentration that is actually present in the sample. The laboratory-reported concentration is an estimate of the true concentration.

UR –The chemical may or may not be present. The non-detected analytical result reported by the laboratory may be unreliable and unusable. The application of this qualifier is for cases of gross technical deficiencies (i.e., holding times missed by a factor of two or more times the specified time limit, severe calibration non-compliances, and extremely low quality control recoveries).

R – The result is unusable. The positive analytical result reported by the laboratory is unreliable and unusable. The application of this qualifier is for cases of gross technical deficiencies.

The preceding data qualifiers categorize data on the basis of observed major or minor problems. Major problems result in the rejection of data and qualification with UR or R data validation qualifiers. Minor problems result in the estimation of data and qualification with U, J, and UJ data validation qualifiers. All non-detect values have a U qualifier regardless of whether the validation process identified a quality deficiency.

When data are qualified or rejected, Tetra Tech assigns one of the following explanatory data qualifier codes:

A	=	Laboratory blank contamination
B	=	Field blank contamination
C	=	Calibration non-compliance (e.g., % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01	=	GC/MS tuning non-compliance
D	=	MS/MSD recovery non-compliance
E	=	LCS/LCSD recovery non-compliance
F	=	Laboratory duplicate imprecision
G	=	Field duplicate imprecision
H	=	Holding time exceedance
I	=	ICP serial dilution non-compliance
J	=	GFAA PDS - GFAA MSA's r less than 0.995 / ICP PDS recovery non-compliance
K	=	ICP interference - includes ICS %R non-compliance
L	=	Instrument calibration range exceedance
M	=	Sample preservation non-compliance
N	=	Internal standard noncompliance
N01	=	Internal standard recovery non-compliance dioxins
N02	=	Recovery standard non-compliance dioxins
N03	=	Clean-up standard non-compliance dioxins
O	=	Poor instrument performance (e.g., base-line drifting)
P	=	Uncertainty near detection limit
Q	=	Other problems (e.g., chromatography, interferences, etc.)
R	=	Surrogates recovery non-compliance
S	=	Pesticide/PCB resolution
T	=	Percent breakdown non-compliance for DDT and Endrin
U	=	Percent difference between columns/detectors greater than 25 for positive results determined via GC/HPLC
V	=	Non-linear calibrations; correlation coefficient r less than 0.995
W	=	EMPC result
X	=	Signal to noise response drop
Y	=	Percent solids less than 30
Z	=	Uncertainty at two sigma deviation is greater than sample activity

10.2 DATA QUALITY REVIEW

Data validation personnel generated some of the DQIs from evaluation of field sample results (e.g., field duplicates) and some from the evaluation of laboratory sample results (e.g., laboratory duplicates). Individually, field and laboratory DQIs provide measures of the performance of the respective investigative operations (field or laboratory). If individual QC results were acceptable, data validation

personnel did not assign validation flags to an analytical result; otherwise, they assigned a flag to the result indicating the type of QC deficiency.

10.3 COMPLETENESS

Completeness is a measure of the number of valid samples or measurements that are available relative to the number of samples or measurements specified. The completeness parameters of interest for samples collected and acceptable laboratory measurements are as follows:

- Sample completeness is a measure of the usable samples collected compared to the number actually collected.

- Laboratory measurement completeness is a measure of the amount of usable valid laboratory measurements per matrix obtained for each target analyte compared to the number of analyses requested.

Usable valid samples (or results) are, after data assessment, those that represent the sampling populations and that data validation or additional data usability review did not disqualify. Data validation staff used the following equation to calculate completeness:

$$\%C = \frac{V}{T} \times 100$$

where %C = percent completeness
V = number of samples (or results) determined to be valid
T = total number of planned samples (or results)

10.3.1 Air

Table 10-1 presents the collected soil gas samples and residential ambient air samples compared to those samples proposed for collection. The air sampling completeness was 100 percent. **Table 10-2** presents the laboratory measurement completeness. The laboratory measurement completeness percentage was 99.7 percent. **Table 10-3** presents the rejected data for air samples. All rejected air data was the result of a calibration response factor less than 0.05 for seven volatile compounds affecting 28 samples. The low calibration response factor resulted in the rejection of non-detected results only. The impact on data quality by the rejected non-detected air results should be minimal.

The number of field duplicates and field blanks met or exceeded the 1 per 20 samples collected as required by the project QAPP.

10.3.2 Water

Table 10-4 presents the collected water samples compared to water samples proposed for collection. The water sampling completeness was 100 percent. **Table 10-5** presents the laboratory measurement completeness. The laboratory measurement completeness percentage was 100 percent for all analytical fractions except volatile, semivolatile, and miscellaneous parameters. **Table 10-6** presents the rejected data for water samples. The laboratory measurement completeness was 99.9 percent for the volatile fraction. Rejected volatile water data was the result of a calibration response factor less than 0.05 for 1,2-dichlorotetrafluoroethane and matrix spike recoveries less than 10 percent for styrene and 1,3,5-trimethylbenzene affecting 11 samples. The impact on data quality by the rejected VOCs results should be minimal because of the small percentage of data results rejected. The laboratory measurement completeness was 92.8 percent for the SVOC fraction. Rejected SVOCs water data was the result of a calibration response factor less than 0.05 for 4-nitroaniline, laboratory control sample (LCS) spike recovery less than 10 percent for 2-methylnaphthalene, hold time and surrogate percent recovery non-compliances for the semivolatile acid compounds affecting 43 samples. The low acid surrogate percent recoveries may bias the acid compounds low. No impact on data quality is expected for 4-nitroaniline or 2-methylnaphthalene because only three samples were affected. The laboratory measurement completeness was 98.3 percent for the miscellaneous fraction. The rejected data for the miscellaneous fraction were due to hold time non-compliance for nitrate and phosphate analysis affecting 14 samples. The impact on data quality by the rejected nitrate and phosphate results should be minimal because of the small number data points rejected.

The number of field duplicates and field blanks met or exceeded the 1 per 20 samples collected as required by the project QAPP.

10.3.3 Soil

Table 10-7 presents the collected soil samples compared to those proposed for collection. The soil sample completeness was 100 percent. **Table 10-8** presents the laboratory measurement completeness. The laboratory measurement completeness percentage was 100 percent for all analytical fractions except the VOCs. **Table 10-9** presents the rejected data for soil samples. The laboratory measurement completeness was 96.3 percent for the VOCs. Rejected VOCs soil data was the result of calibration response factors less than 0.05 for 1,2-dichlorotetrafluoroethane, bromomethane, and chloroethane and hold time non-compliance affecting 24 samples. The impact on data quality by the reject VOCs results should be minimal because of the small number data points rejected.

10.4 SENSITIVITY

The QAPP (**Tetra Tech 2009c**) lists the project quantitation limit goals (PQLGs) for this project. Analytical sensitivity was generally satisfactory to meet the DQOs presented in the QAPP; however, at the inception of the project, the laboratory could not meet several of the PQLGs. Worksheet #15 of the QAPP highlights the exceedances of PQLGs. The amount of sample volume collected also affects the ability of the laboratory to achieve the desired PQLGs. Laboratory or field blank contamination can also elevate a result above the PQLG, resulting in samples being qualified as non-detected. There are instances in which non-detected sample results exceed PQLGs either because of the laboratory's inability to meet the PQLG or because of elevated detection limits resulting from blank contamination. Tetra Tech does not consider the PQLG exceedances to significantly affect data quality.

10.4.1 Air

Several results exceeded the ambient air and soil gas RSLs and were qualified as non-detected (U) because of laboratory blank contamination for 115 out of 21,285 (0.5 percent) results. These results are false positives and will have a negligible impact on assessment of risk.

10.4.2 Water

Several results exceeded the water RSLs and were qualified as non-detected (U) because of laboratory blank contamination for 14 out of 42,005 (0.03 percent) results. These results are false positives and will have a negligible impact on assessment of risk.

10.4.3 Soil

Several results exceeded the soil RSLs and were qualified as non-detected (U) because of laboratory blank contamination for 459 out of 15,250 (3 percent) results. These results are false positives and will have a negligible impact on assessment of risk.

10.5 LABORATORY ACCURACY

A laboratory evaluates accuracy by comparison of the results of analyses of LCSs to known or calculated values. The laboratory also uses surrogates and internal standards to assess accuracy in both organic and inorganic methods. LCSs assess the accuracy of laboratory operations with minimal sample matrix effects. Surrogate compound analyses measure the combined accuracy effects of the sample matrix, sample preparation, and sample measurement. Internal standards, added after preparation, are for

sample quantization. Data validation personnel determine acceptable accuracy by comparing the %R values to accuracy control limits specified by the laboratory for the appropriate analytical method.

Data validation staff used the following equation to calculate %R:

$$\%R = \frac{Ss - So}{S} \times 100$$

where %R = percent recovery
Ss = result of spiked sample
So = result of non-spiked sample
S = concentration of spiked amount

10.5.1 Air

Laboratory accuracy issues did not result in the rejection of air sample data.

10.5.2 Water

Low acid surrogate percent recoveries in the SVOC fraction for 43 samples resulted in the rejection of 444 acid compound water results. All the rejected SVOC acid compounds were non-detects. This indicates a potential low bias for the non-detected acid compounds in the associated samples. However, overall the laboratory accuracy was good for water samples with a few rejections for matrix spike and LCS recoveries in the volatile and semivolatile fractions.

10.5.3 Soil

Laboratory accuracy issues did not result in the rejection of soil sample data.

10.6 FIELD AND LABORATORY PRECISION

Precision is a measure of the degree to which two or more measurements agree and describes the reproducibility of measurements of the same parameter for samples analyzed under similar conditions.

The Relative Percent Difference (RPD) expresses precision for chemical parameters. RPDs, typically expressed as percentages, evaluate both field duplicate and laboratory duplicate precision. The following formula calculates the RPD:

$$RPD = \frac{|V1 - V2|}{(V1 + V2)/2} \times 100$$

where RPD = relative percent difference
V1, V2 = two results obtained by analyzing duplicate samples

The precision estimates obtained from duplicate field samples encompass the combined uncertainty associated with sample collection, homogenization, splitting, handling, laboratory and field storage (as applicable), preparation for analysis, and analysis. In contrast, precision estimates obtained from analyzing duplicate laboratory samples incorporate only homogenization, sub-sampling, preparation for analysis, laboratory storage (if applicable), and analysis uncertainties.

10.6.1 Air

Table 10-10 summarizes the results of field duplicate analyses, which includes only those parameters detected in both of the duplicate sample pairs at concentrations greater than the laboratory reporting limit. Thirty-one field duplicate results had relative percent differences (RPDs) greater than 50 percent. The observed field duplicate RPDs greater than 50 percent were not limited to any one volatile parameter indicating that the imprecision are anomalies and not indicative of a problem for any one compound. The field duplicate results meet the DQOs outlined in the QAPP (**Tetra Tech 2009c**) and are acceptable for use in risk assessment.

10.6.2 Water

Table 10-11 summarizes the results of field duplicate analyses, which includes only those parameters detected in both of the duplicate sample pairs at concentrations greater than the laboratory reporting limit. Fifty-four field duplicate results had RPDs greater than 30 percent. The majority of observed field duplicate RPDs greater than 30% were from the metals fraction but not limited to any one metal. The field duplicate results meet the DQOs outlined in the QAPP (**Tetra Tech 2009c**) and are acceptable for use in risk assessment.

10.6.3 Soil

Table 10-12 summarizes the results of field duplicate analyses, which includes only those parameters detected in both of the duplicate sample pairs at concentrations greater than the laboratory reporting limit. There were no field duplicate RPDs greater than 50% for any parameters. The field duplicate results meet the DQOs outlined in the QAPP (**Tetra Tech 2009c**) and are acceptable for use in risk assessment.

10.7 COMPARABILITY

Comparability is defined as the confidence with which one data set can be compared with another (e.g., among sampling points, between sampling events, and between laboratories). Using standardized sampling and analysis methods and standardized data reporting formats assists in achieving comparability. Reporting of results in consistent units supports comparability with previous data. Assessments of comparability include evaluations of QC samples and verifying adherence to the QAPP. The laboratory complied with QAPP requirements and the overall data comparability was acceptable.

10.8 REPRESENTATIVENESS

Representativeness is an expression of the degree to which data accurately and precisely depict the actual characteristics of a population or environmental condition existing at the site.

Adherence to the QAPP (**Tetra Tech 2009c**) and the use of standardized sampling, sample handling, sample analysis, and data reporting procedures ensured that the final data would provide accurate representations of study area conditions. The results of field logs describing conditions during sample collection and laboratory audits indicate that all reported data adequately represent site conditions and the characteristics of the intended populations. There were no air, water, or soil representativeness issues noted for the Phase II investigation.

10.9 OTHER DATA QUALITY INDICATORS

10.9.1 Air

All rejected air data was the result of a calibration response factor less than 0.05 for seven VOCs (1,2-dibromo-3-chloropropane, isobutanol, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, naphthalene, acetophenone, and trans-1,4-dichloro-2-butene) affecting 28 samples. The low calibration response factor resulted in the rejection of non-detected results only. The impact on data quality should be minimal from the rejected non-detected air results. Positive results for these compounds have been qualified but are acceptable for risk assessment with no impact on data quality.

10.9.2 Water

Sample holding times grossly exceeded criteria (i.e., greater than two times) for phosphate and nitrate in fourteen samples and the acid compounds in one SVOC sample. This resulted in the rejection of non-detected results and qualification as estimated of the detected results for these samples. Exceeding the holding time criteria may result in the loss of analytes, causing low bias for non-detected and detected results.

One VOC had a calibration response factor less than 0.05 affecting seven samples. One SVOC had a calibration response factor less than 0.05 affecting one sample. The low calibration response factor resulted in the rejection of non-detected results only. The impact on data quality from the rejected non-detected water results should be minimal. Positive results for these compounds have been qualified but are acceptable for risk assessment with no impact on data quality.

10.9.3 Soil

Rejected VOCs soil data was the result of calibration response factors less than 0.05 for 1,2-dichlorotetrafluoroethane, bromomethane, and chloroethane affecting 22 samples. The low calibration response factor resulted in the rejection of non-detected results only. The impact on data quality from the rejected non-detected water results should be minimal. Positive results for these compounds have been qualified but are acceptable for risk assessment with no impact on data quality.

Sample holding times grossly exceeded criteria (i.e., greater than two times) for two VOC samples. This resulted in the rejection of non-detected results and qualification as estimated of the detected results for these samples. Exceeding the holding time criteria may result in the loss of analytes, causing low bias for non-detected and detected results.

Rejection of some laboratory data is typical, and the amount of data rejected for this sampling period is not excessive. Overall, the data comparability was acceptable.

10.10 PROFICIENCY TEST ASSESSMENT

Tetra Tech had proficiency test (PT) samples sent to the laboratory as part of the overall assessment of laboratory performance. Environmental Resource Associates (ERA) prepared the Proficiency test (PT) samples and submitted them to the laboratory for analysis. The PT samples were identified as such, but the laboratory did not know the specific compounds contained in the samples, or their concentrations. Following analysis, the laboratory submitted the results to ERA for evaluation and ERA provided a report on the analyses to Tetra Tech. Tetra Tech used the PT evaluation report, along with the audit report, reviews of laboratory quality control samples, and the data validation reports to develop an overall assessment of the laboratory performance. The PT samples contained the following analytical fractions: air – volatiles; water – volatiles, semivolatiles, dioxin, cyanide, and metals; soil - volatiles, semivolatiles, polychlorinated biphenyls, organochlorine pesticides, dioxin, cyanide, and metals

Because of project scheduling, Tetra Tech found it impractical to have the laboratory analyze PT samples as early in the project as would have been desirable. The laboratory did not receive the PT samples until

they had completed the analyses of the ETSA samples. Consequently, it was not possible for the laboratory to take corrective actions in response to the PT performance. Tetra Tech used the results of the PT samples when evaluating data, to assess the potential effects of analytical problems on the reliability of the data. The following paragraphs summarize the PT proficiency test sample results by sample matrix and analytical fraction and discuss the potential impact on data quality.

10.10.1 Air

VOCs – The laboratory reported the compound 4-methyl-2-pentanone as being present in the PT sample, although it was not one of the constituents. 4-Methyl-2-pentanone is not a compound of interest in the air study and was not identified by the laboratory as being in any sample, so this would not affect data quality. The results for all other volatile compounds in the PT samples were acceptable.

10.10.2 Water

VOCs – The laboratory reported values less than the acceptance limits for the following compounds:

Compound	Units	Reported Value	Acceptance Limit
Carbon tetrachloride	µg/L	5	6.3 – 15.7
Tetrachloroethene	µg/L	9	9.12 – 21.0
Trichlorofluoromethane	µg/L	2	2.32 – 9.28

Data validation review of analytical results for carbon tetrachloride and PCE did not reveal any initial or continuing calibration standard non-compliances. One initial calibration had a percent relative standard deviation greater than thirty percent for trichlorofluoromethane. LCS percent recoveries were acceptable for all analytical batches. There were no detections for carbon tetrachloride and a single detection for trichlorofluoromethane was less than the RSL. There were 73 detections for PCE with several exceeding the maximum contaminant level (MCL). The reported value for PCE was just outside the acceptance limit and laboratory QC results were satisfactory. The trichlorofluoromethane, carbon tetrachloride, and tetrachloroethene results could have a low bias. The results for all other volatile compounds in the PT samples were acceptable.

SVOCs – The results for all semivolatile compounds in the PT sample were acceptable.

Metals – The laboratory reported a value greater than the acceptance limit for silver (37.23 ug/L, slightly above the 37.0 ug/L acceptance limit). There is a slight high bias for detected silver results. The high bias will not affect the non-detected results. The results for all other metals in the PT sample were acceptable.

Cyanide – The cyanide result in the PT sample was acceptable.

Dioxin – The dioxin 2,3,7,8-TCDD result in the PT sample was acceptable.

10.10.3 Soil

VOCs – The laboratory reported a value greater than the acceptance limit for 1,2-dibromo-3-chloropropane (192 ug/kg above the 183 ug/kg limit). The compound 1,2-dibromo-3-chloropropane was not detected in any soil samples. Tetra Tech concluded that no impact on data quality would result from this high recovery.

SVOCs – The laboratory reported a value greater than the acceptance limit for 4-nitrophenol (21,000 ug/kg above the 10,700 ug/kg limit). The compound 4-nitrophenol was not detected in any soil samples; consequently Tetra Tech concluded that this potentially high bias would not affect data quality.

PCBs – The laboratory reported a positive result for Aroclor-1221 however, this compound was not present in the PT sample. The laboratory mistakenly identified the compound Aroclor-1232, which was included in the PT sample, as Aroclor-1221. The laboratory did not report a result for Aroclor 1232. The laboratory did not detect any polychlorinated biphenyl compounds in any soil samples. Consequently, the ETSA sample data could not have similar compound misidentifications and this error does not affect data quality.

Pesticides – The laboratory reported a value greater than the acceptance limit for Toxaphene (878 ug/kg above the 425 ug/kg limit). Toxaphene was not detected in any soil samples; consequently, Tetra Tech concluded that this potentially high bias would not affect data quality.

Organochlorine Pesticides – The laboratory did not detect endosulfan I and endosulfan II in the PT sample. The method detection limits for endosulfan I and endosulfan II are below the RSL criterion by a factor of approximately three hundred. Consequently, it is unlikely that a low bias would have affected risk decisions for endosulfan I and endosulfan II.

Metals – The metals results in the PT sample were acceptable.

Cyanide – The cyanide result in the PT sample was acceptable.

Dioxin – The dioxin 2,3,7,8-TCDD result in the PT sample was acceptable.

10.11 USABILIITY OF ACETALDEHYDE AND NAPHTHALENE AIR AND SOIL GAS DATA

During the Phase II investigation, ASG samples were analyzed for VOCs using EPA Method TO-15. Regional AA concentrations of VOCs were measured using this same EPA Method, and aldehydes were measured using EPA Method TO-11A. Regional AA concentrations of naphthalene were measured using EPA Method TO-13A. This combination of methods was selected to provide a minimum number of analytical methods for the widest range of chemical analyses required for the regional AA quality study. It is common that some compounds can be detected by multiple analytical methods, but frequently one method is preferred because of improved accuracy in detection. Each of a select number of co-located AA samples was analyzed for naphthalene by methods TO-13A and TO-15 during Phase II. This double-method analysis approach for naphthalene was not by design. The TO-15 results, on average, were consistently greater than corresponding TO-13A results by a factor of approximately 2,600. Phase II regional ambient air samples were analyzed for acetaldehyde using Methods TO-15 and TO-11A. This double-method analysis approach for acetaldehyde was also not by design. The TO-15 acetaldehyde results were, on average, greater than corresponding TO-11A results by a factor of approximately 30. Unless these observed disparities are resolved, some of the air data for naphthalene and acetaldehyde and all of the ASG data for naphthalene and acetaldehyde are considered unsuitable for evaluating human health risks.

10.12 SUMMARY

The results of PT samples are independent indicators of a laboratory's ability to generate accurate results. It is common for a laboratory to have multiple variances from acceptance criteria. This is particularly the case when PT samples contain a large number of constituents, as did the ETSA samples. PT results are rarely the only consideration in evaluating laboratory performance because they evaluate performance at a single point in time and do not take into consideration other complicating factors. Comprehensive evaluations of laboratory performance may include review of PT sample results in conjunction with audit findings, the results of quality control samples, and data validation reports. The combined information provides an effective measure of laboratory performance over the course of the analytical efforts. Tetra Tech rates laboratory performance as satisfactory in comparison to project data quality objectives.

TABLE 10-1

SAMPLES COLLECTED VS PROPOSED
AIR DATA
SOIL GAS AND RESIDENTIAL AMBIENT AIR
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
1 OF 8

SAMPLE ID	VOLATILE
0171AA001	X
0185AA001	X
0225AA001	X
0234AA001	X
0276AA001	X
0279AA001	X
0326AA001	X
0329AA001	X
0339AA001	X
0343AA001	X
0374AA001	X
0488AA001	X
0512AA001	X
0548AA001	X
0548AA001-D	X
0805AA001	X
0815AA001	X
0827AA001	X
0851AA001	X
1194AA001	X
1621AA001	X
1751AA001	X
1756AA001	X
1771AA001	X
1850AA001	X
1926AA001	X
1945AA001	X
1969AA001	X
CA56AA001	X
CA56AA001-D	X
CA56IA001	X
CA56IA001-D	X
CA62IA001	X
CA62IA001-D	X
CA63IA001	X
CA63IA001-D	X
CA64AA001	X
CA64AA001-D	X
CA64IA001	X
CA64IA001-D	X
CA65AA001	X
CA65AA001-D	X
CA65IA001	X
CA65IA001-D	X

TABLE 10-1

SAMPLES COLLECTED VS PROPOSED
AIR DATA
SOIL GAS AND RESIDENTIAL AMBIENT AIR
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
2 OF 8

SAMPLE ID	VOLATILE
LE51AA001	X
SU63AA001	X
SU63AA001-D	X
SU63IA001	X
SU63IA001-D	X
0010SG001	X
0021SG001	X
0024SG001	X
0082SG001	X
0085SG001	X
0104SG001	X
0114SG001	X
0120SG001	X
0167SG001	X
0171SG001	X
0180SG001	X
0185SG001	X
0198SG001	X
0199SG002	X
0225SG001	X
0227SG001	X
0231SG001	X
0234SG001	X
0238SG002	X
0266SG001	X
0269SG001	X
0275SG001	X
0276SG001	X
0276SG002	X
0279SG001	X
0288SG001	X
0290SG001	X
0302SG001	X
0326SG001	X
0329SG001	X
0333SG001	X
0339SG001	X
0341SG001	X
0343SG001	X
0345SG001	X
0354SG001	X
0371SG001	X
0374SG001	X
0376SG001	X

TABLE 10-1

SAMPLES COLLECTED VS PROPOSED
AIR DATA
SOIL GAS AND RESIDENTIAL AMBIENT AIR
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
3 OF 8

SAMPLE ID	VOLATILE
0393SG001	X
0410SG001	X
0410SG001-D	X
0416SG001	X
0419SG001	X
0427SG001	X
0436SG001	X
0459SG001	X
0460SG001	X
0462SG001	X
0479SG001	X
0488SG001	X
0502SG001	X
0512SG001	X
0525SG001	X
0548SG002	X
0548SG003	X
0548SG003-D	X
0548SG004	X
0548SG004-D	X
0551SG001	X
0552SG001	X
0564SG001	X
0564SG001-D	X
0574SG001	X
0588SG001	X
0589SG001	X
0598SG001	X
0771SG001	X
0789SG001	X
0789SG001-D	X
0801SG001	X
0805SG001	X
0813SG001	X
0814SG001	X
0815SG001	X
0822SG001	X
0827SG001	X
0831SG002	X
0837SG001	X
0838SG001	X
0838SG001-D	X
0848SG001	X
0851SG001	X

TABLE 10-1

SAMPLES COLLECTED VS PROPOSED
AIR DATA
SOIL GAS AND RESIDENTIAL AMBIENT AIR
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
4 OF 8

SAMPLE ID	VOLATILE
0882SG001	X
0894SG001	X
0917SG001	X
0923SG001	X
0949SG002	X
0975SG001	X
1020SG001	X
1119SG001	X
1120SG001	X
1132SG001	X
1132SG001-D	X
1148SG001	X
1151SG002	X
1157SG002	X
1182SG001	X
1194SG001	X
1201SG001	X
1227SG001	X
1312SG001	X
1315SG001	X
1334SG001	X
1363SG001	X
1363SG001-D	X
1364SG001	X
1370SG001	X
1384SG001	X
1389SG001	X
1443SG001	X
1450SG001	X
1456SG001	X
1459SG001	X
1529SG001	X
1562SG001	X
1569SG001	X
1570SG001	X
1621SG001	X
1633SG001	X
1635SG001	X
1659SG001	X
1694SG001	X
1699SG001	X
1704SG001	X
1742SG001	X
1749SG001	X

TABLE 10-1

SAMPLES COLLECTED VS PROPOSED
AIR DATA
SOIL GAS AND RESIDENTIAL AMBIENT AIR
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
5 OF 8

SAMPLE ID	VOLATILE
1751SG001	X
1756SG001	X
1766SG001	X
1771SG001	X
1785SG001	X
1785SG001-D	X
1788SG001	X
1794SG001	X
1810SG001	X
1811SG001	X
1813SG001	X
1817SG001	X
1827SG001	X
1835SG001	X
1839SG001	X
1842SG001	X
1843SG001	X
1846SG001	X
1847SG001	X
1849SG001	X
1850SG001	X
1857SG001	X
1859SG001	X
1865SG001	X
1866SG001	X
1867SG001	X
1872SG001	X
1874SG001	X
1897SG001	X
1899SG001	X
1911SG001	X
1923SG001	X
1926SG001	X
1928SG001	X
1942SG001	X
1945SG001	X
1969SG001	X
1989SG001	X
1995SG001	X
2003SG001	X
2016SG001	X
2017SG001	X
2018SG001	X
2021SG001	X

TABLE 10-1

SAMPLES COLLECTED VS PROPOSED
AIR DATA
SOIL GAS AND RESIDENTIAL AMBIENT AIR
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
6 OF 8

SAMPLE ID	VOLATILE
2023SG001	X
2032SG001	X
2040SG001	X
2044SG001	X
2045SG001	X
2049SG001	X
2051SG001	X
2055SG001	X
2055SG001-D	X
2060SG001	X
2071SG001	X
2073SG001	X
2074SG001	X
2075SG001	X
2077SG001	X
2078SG001	X
2079SG001	X
2080SG001	X
2081SG001	X
2082SG001	X
2090SG001	X
2093SG001	X
2102SG001	X
2103SG001	X
2105SG001	X
2106SG001	X
2108SG001	X
2110SG001	X
2111SG001	X
2112SG001	X
2113SG001	X
2114SG001	X
2115SG001	X
2116SG001	X
2117SG001	X
2117SG001-D	X
2118SG001	X
2130SG001	X
2139SG001	X
2140SG001	X
2150SG001	X
2152SG001	X
2154SG001	X
2156SG001	X

TABLE 10-1

SAMPLES COLLECTED VS PROPOSED
AIR DATA
SOIL GAS AND RESIDENTIAL AMBIENT AIR
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
7 OF 8

SAMPLE ID	VOLATILE
CA50SG001	X
CA50SG002	X
CA51SG001	X
CA52SG001	X
CA53SG001	X
CA54SG001	X
CA55SG001	X
CA55SG001-D	X
CA56SG001	X
CA56SG002	X
CA56SG002-D	X
CA57SG001	X
CA58SG001	X
CA59SG001	X
CA60SG001	X
CA61SG001	X
CA62SG001	X
CA62SG001-D	X
CA64SG001	X
CA64SG001-D	X
CA65SG001	X
CA65SG001-D	X
EV50SG001	X
EV51SG001	X
EV52SG001	X
LE50SG001	X
LE51SG001	X
SU50SG001	X
SU51SG001	X
SU52SG001	X
SU52SG002	X
SU52SG002-D	X
SU52SG003	X
SU53SG001	X
SU54SG001	X
SU55SG001	X
SU56SG001	X
SU57SG001	X
SU58SG001	X
SU59SG001	X
SU60SG001	X
SU61SG001	X
SU62SG001	X
SU63SG001	X

TABLE 10-1

SAMPLES COLLECTED VS PROPOSED
AIR DATA
SOIL GAS AND RESIDENTIAL AMBIENT AIR
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
8 OF 8

SAMPLE ID	VOLATILE
SU63SG002	X
SU63SG002-D	X
SU64SG001	X
SU65SG001	X
SU66SG001	X
SU67SG001	X
SU68SG001	X
TOTAL FRACTIONS COLLECTED	315
TOTAL FRACTIONS PROPOSED	315
SAMPLE COLLECTION PERCENTAGE	100

TABLE 10-2

LABORATORY COMPLETENESS
AIR DATA
SOIL GAS AND RESIDENTIAL AMBIENT AIR
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
1 OF 1

DATA REJECTED FOR AIR ANALYSES			
FRACTION	TOTAL NUMBER OF DATA POINTS	REJECTED DATA POINTS	ANALYTICAL PERCENT COMPLETENESS
VOLATILES	21,285	60	99.7

TABLE 10-3

REJECTED DATA FOR AIR SAMPLES
SOIL GAS AND RESIDENTIAL AMBIENT AIR
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	SAMPLE RESULT	UNITS	VALIDATION QUALIFIER	REJECTION CODE	REASON FOR REJECTION
0085SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0085SG001	ISOBUTANOL	0.46	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0231SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0231SG001	1,2,4-TRICHLOROBENZENE	0.19	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0231SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0231SG001	NAPHTHALENE	0.22	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0238SG002	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0341SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0345SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0588SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0588SG001	1,2,4-TRICHLOROBENZENE	0.19	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0588SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0588SG001	NAPHTHALENE	0.22	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
0837SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1120SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1120SG001	1,2,4-TRICHLOROBENZENE	0.19	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1120SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1120SG001	NAPHTHALENE	0.22	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1312SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1312SG001	ISOBUTANOL	0.46	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1334SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1334SG001	1,2,4-TRICHLOROBENZENE	0.19	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1334SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1334SG001	NAPHTHALENE	0.22	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1788SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1788SG001	ISOBUTANOL	0.46	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1827SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1827SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1827SG001	NAPHTHALENE	0.22	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1835SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE

TABLE 10-3

REJECTED DATA FOR AIR SAMPLES
SOIL GAS AND RESIDENTIAL AMBIENT AIR
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	SAMPLE RESULT	UNITS	VALIDATION QUALIFIER	REJECTION CODE	REASON FOR REJECTION
1835SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1835SG001	NAPHTHALENE	0.22	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1847SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
1849SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2018SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2018SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2018SG001	NAPHTHALENE	0.22	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2040SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2040SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2040SG001	NAPHTHALENE	0.22	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2044SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2060SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2060SG001	1,2,4-TRICHLOROBENZENE	0.19	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2060SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2060SG001	ACETOPHENONE	1.02	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2075SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2075SG001	1,2,4-TRICHLOROBENZENE	0.19	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2075SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2075SG001	ACETOPHENONE	1.02	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2078SG001	1,2,3-TRICHLOROBENZENE	0.4	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2078SG001	1,2,4-TRICHLOROBENZENE	0.19	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2078SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2078SG001	ACETOPHENONE	1.02	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2081SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
2118SG001	1,2-DIBROMO-3-CHLOROPROPANE	0.1	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
CA52SG001	ISOBUTANOL	0.46	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
CA53SG001	ISOBUTANOL	0.46	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
CA54SG001	ISOBUTANOL	0.46	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
CA56SG001	ISOBUTANOL	0.46	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE
SU52SG001	TRANS-1,4-DICHLORO-2-BUTENE	110	UG/M3	UR	C	CALIBRATION NONCOMPLIANCE

TABLE 10-4

SAMPLES COLLECTED VS PROPOSED
WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY
PAGE 1 OF 9

SAMPLE ID	DIOXINS/ FURANS	FIELD PARAMETERS	METALS	MICROBIOLOGICAL	MISCELLANEOUS PARAMETERS	SEMIVOLATILE	VOLATILE	PESTICIDES /PCBs	RADIOLOGICAL
0225IW001		X					X		
0231IW001		X					X		
0276IW001		X					X		
0276IW001-D							X		
0288IW001		X					X		
0416IW001		X					X		
0436IW001		X					X		
0462IW001		X					X		
0882IW001	X	X	X	X	X		X		X
1614IW001		X	X						X
1766IW001	X	X	X	X	X		X		X
1589PW003			X						X
WS01AW001	X	X	X	X	X		X		X
WS01AW001-D	X		X	X	X		X		X
WS02AW001	X	X	X	X	X		X		X
WS02AW001-D	X		X	X	X		X		X
WS03AW001	X	X	X	X	X		X		X
WS03AW001-D	X		X	X	X		X		X
WS04AW001	X	X	X	X	X		X		X
WS04AW001-D	X		X		X		X		X
WS05AW001	X	X	X	X	X		X		X
WS05AW001-D	X		X		X		X		X
WS06AW001	X	X	X	X	X		X		X
WS06AW001-D	X		X		X		X		X
WS07AW001	X	X	X	X	X		X		X
WS07AW001-D	X		X		X		X		
WS08AW001	X	X	X	X	X		X		X
WS08AW001-D	X		X		X		X		
WS09AW001	X	X	X	X	X		X		X
WS09AW001-D	X		X		X		X		
WS10AW001	X	X	X	X	X		X		X
WS10AW001-D	X		X		X		X		X
WS11AW001	X	X	X	X	X		X		X

TABLE 10-4

SAMPLES COLLECTED VS PROPOSED
WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	DIOXINS/ FURANS	FIELD PARAMETERS	METALS	MICROBIOLOGICAL	MISCELLANEOUS PARAMETERS	SEMIVOLATILE	VOLATILE	PESTICIDES /PCBs	RADIOLOGICAL
WS11AW001-D	X		X		X		X		X
WS12AW001	X	X	X	X	X		X		X
WS12AW001-D	X		X		X		X		X
WS13AW001	X	X	X	X	X		X		X
WS13AW001-D	X		X		X		X		X
WS14AW001	X	X	X	X	X		X		X
WS14AW001-D	X		X		X		X		X
0010TW001	X	X	X	X	X		X		X
0021TW001	X	X	X	X	X		X		X
0021TW001-D	X		X	X	X		X		X
0024TW001	X	X	X	X	X		X		X
0082TW001	X	X	X	X	X		X		X
0085TW001	X	X	X	X	X		X		X
0104TW001	X	X	X	X	X		X		X
0114TW001	X	X	X	X	X	X	X	X	X
0114TW002		X							X
0114TW002-D									X
0120TW001	X	X	X	X	X	X	X	X	X
0167TW001	X	X	X		X		X		X
0171TW002		X							X
0180TW001	X	X	X	X	X		X		X
0198TW001	X	X	X	X	X	X	X	X	X
0200TW001	X	X	X	X	X		X		X
0214TW004		X	X						X
0227TW001	X	X	X	X	X	X	X	X	X
0227TW002		X		X					
0234TW001		X					X		
0244TW001	X	X	X	X	X	X	X	X	X
0246TW001	X	X	X	X	X	X	X	X	X
0250TW001	X	X	X	X	X	X	X	X	X
0266IW001		X							X
0266TW001	X	X	X	X	X	X	X	X	X
0266TW002		X							X

TABLE 10-4

SAMPLES COLLECTED VS PROPOSED
WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	DIOXINS/ FURANS	FIELD PARAMETERS	METALS	MICROBIOLOGICAL	MISCELLANEOUS PARAMETERS	SEMIVOLATILE	VOLATILE	PESTICIDES /PCBs	RADIOLOGICAL
0269TW001		X					X		
0270TW001	X	X	X	X	X	X	X	X	X
0290TW001	X	X	X	X	X	X	X	X	X
0302TW001	X	X	X		X		X		X
0326TW001		X					X		
0332TW001	X	X	X	X	X	X	X	X	X
0339TW001		X					X		
0343TW001		X					X		
0354TW001		X					X		
0366TW001	X	X	X	X	X	X	X	X	X
0368TW001	X	X	X	X	X	X	X	X	X
0376TW001	X	X	X	X	X		X		X
0388TW001	X	X	X	X	X	X	X	X	X
0393TW001	X	X	X	X	X	X	X	X	X
0409TW001	X	X	X	X	X	X	X	X	X
0409TW001-D	X		X	X	X	X	X	X	X
0411TW001	X	X	X	X	X	X	X	X	X
0419TW001	X	X	X	X	X	X	X	X	X
0427TW001		X					X		
0454TW001	X	X	X	X	X	X	X	X	X
0457TW003		X	X						X
0459TW001	X	X	X	X	X	X	X	X	X
0460TW001	X	X	X	X	X		X		X
0479TW001	X	X	X	X	X	X	X	X	X
0479TW001-D	X		X	X	X	X	X	X	X
0488TW001	X	X	X	X	X	X	X	X	X
0488TW002		X							X
0497TW002		X	X						X
0502TW001	X	X	X	X	X	X	X	X	X
0512TW001	X	X	X	X	X		X		X
0525TW001	X	X	X	X	X	X	X	X	X
0539TW003		X	X						X
0551TW001	X	X	X	X	X		X		X

TABLE 10-4

SAMPLES COLLECTED VS PROPOSED
WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	DIOXINS/ FURANS	FIELD PARAMETERS	METALS	MICROBIOLOGICAL	MISCELLANEOUS PARAMETERS	SEMIVOLATILE	VOLATILE	PESTICIDES /PCBs	RADIOLOGICAL
0552TW001	X	X	X	X	X		X		X
0564TW001	X	X	X	X	X		X		X
0574TW001	X	X	X	X	X		X		X
0588TW001	X	X	X	X	X	X	X	X	X
0589TW001	X	X	X	X	X		X		X
0598TW001	X	X	X	X	X		X		X
0771TW001	X	X	X	X	X	X	X	X	X
0789TW001	X	X	X	X	X	X	X	X	X
0801TW001	X	X	X	X	X		X		X
0813TW001	X	X	X	X	X	X	X	X	X
0814TW001	X	X	X	X	X		X		X
0827TW001	X	X	X	X	X		X		X
0837TW001	X	X	X	X	X		X		X
0838TW001	X	X	X	X	X	X	X	X	X
0848TW001	X	X	X	X	X		X		X
0882TW001	X	X	X	X	X		X		X
0894TW001	X	X	X	X	X		X		X
0917TW001	X	X	X	X	X		X		X
0923TW001	X	X	X	X	X		X		X
0961TW002		X							X
0975TW001	X	X	X	X	X	X	X	X	X
1020TW001	X	X	X	X	X		X		X
1119TW001	X	X	X	X	X	X	X	X	X
1120TW001	X	X	X	X	X	X	X	X	X
1132TW001	X	X	X	X	X	X	X	X	X
1148TW001	X	X	X	X	X		X		X
1182TW001	X	X	X	X	X	X	X	X	X
1187TW001	X	X	X	X	X	X	X	X	X
1194TW002		X							X
1201TW001	X	X	X	X	X		X		X
1227TW001	X	X	X	X	X		X		X
1312TW001	X	X	X	X	X		X		X
1315TW001	X	X	X	X	X		X		X

TABLE 10-4

SAMPLES COLLECTED VS PROPOSED
WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	DIOXINS/ FURANS	FIELD PARAMETERS	METALS	MICROBIOLOGICAL	MISCELLANEOUS PARAMETERS	SEMIVOLATILE	VOLATILE	PESTICIDES /PCBs	RADIOLOGICAL
1332TW001	X	X	X	X	X	X	X	X	X
1332TW002		X							X
1334TW001	X	X	X	X	X	X	X	X	X
1344TW001	X	X	X	X	X	X	X	X	X
1345TW001	X	X	X	X	X	X	X	X	X
1346TW001	X	X	X	X	X	X	X	X	X
1351TW001	X	X	X	X	X		X		X
1351TW001-D	X		X	X	X		X		
1355TW001	X	X	X	X	X	X	X	X	X
1356TW001	X	X	X	X	X		X		X
1363TW001	X	X	X	X	X	X	X	X	X
1364TW001	X	X	X	X	X	X	X	X	X
1364TW002		X							X
1365TW004		X	X						X
1370TW001	X	X	X	X	X	X	X	X	X
1384TW001	X	X	X	X	X		X		X
1385TW001	X	X	X	X	X	X	X	X	X
1402TW001	X	X	X	X	X	X	X	X	X
1443TW001	X	X	X	X	X	X	X	X	X
1450TW001	X	X	X	X	X		X		X
1450TW001-D	X		X	X	X		X		X
1456TW001	X	X	X	X	X		X		X
1459TW001	X	X	X	X	X	X	X	X	X
1517TW002		X							X
1529TW001	X	X	X	X	X		X		X
1562TW001	X	X	X	X	X		X		X
1566TW001	X	X	X	X	X		X		X
1569TW001	X	X	X	X	X		X		X
1570TW001	X	X	X	X	X		X		X
1602TW003		X	X						X
1606TW003		X	X						X
1613TW001	X	X	X	X	X	X	X	X	X
1613TW002		X							X

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SAMPLES COLLECTED VS PROPOSED
WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	DIOXINS/ FURANS	FIELD PARAMETERS	METALS	MICROBIOLOGICAL	MISCELLANEOUS PARAMETERS	SEMIVOLATILE	VOLATILE	PESTICIDES /PCBs	RADIOLOGICAL
1621TW001		X					X		
1633TW001	X	X	X	X	X	X	X	X	X
1635TW001	X	X	X	X	X		X		X
1638TW001	X	X	X	X	X	X	X	X	X
1638TW001-D	X		X	X	X	X	X	X	X
1638TW002		X							X
1638TW002-D									X
1659TW001	X	X	X	X	X		X		X
1675TW003		X	X						X
1694TW001	X	X	X	X	X	X	X	X	X
1694TW002		X							X
1699TW001	X	X	X	X	X		X		X
1704TW001	X	X	X	X	X	X	X	X	X
1732TW004		X	X						X
1737TW002	X	X	X		X		X		X
1737WM001	X	X	X		X		X		X
1742TW001	X	X	X		X		X		X
1744TW003		X	X						X
1749TW001	X	X	X	X	X	X	X	X	X
1751TW001	X	X	X		X		X		X
1756TW001	X	X	X		X		X		X
1766TW001	X	X	X	X	X		X		X
1771TW001	X	X	X	X	X		X		X
1783TW001	X	X	X	X	X	X	X	X	X
1787TW001	X	X	X	X	X		X		X
1788TW001	X	X	X	X	X	X	X	X	X
1790TW001	X	X	X	X	X		X		X
1794TW001	X	X	X	X	X		X		X
1805TW001	X	X	X	X	X	X	X	X	X
1809TW001	X	X	X	X	X	X	X	X	X
1810TW001	X	X	X	X	X	X	X	X	X
1811TW001	X	X	X	X	X	X	X	X	X
1813TW001	X	X	X	X	X	X	X	X	X

TABLE 10-4

SAMPLES COLLECTED VS PROPOSED
WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	DIOXINS/ FURANS	FIELD PARAMETERS	METALS	MICROBIOLOGICAL	MISCELLANEOUS PARAMETERS	SEMIVOLATILE	VOLATILE	PESTICIDES /PCBs	RADIOLOGICAL
1817TW001	X	X	X	X	X	X	X	X	X
1817TW002		X							X
1827TW001	X	X	X	X	X	X	X	X	X
1835TW001	X	X	X	X	X	X	X	X	X
1838TW001	X	X	X	X	X	X	X	X	X
1839TW001	X	X	X	X	X	X	X	X	X
1842TW001	X	X	X	X	X	X	X	X	X
1843TW001	X	X	X	X	X	X	X	X	X
1846TW001	X	X	X	X	X	X	X	X	X
1847TW001	X	X	X	X	X	X	X	X	X
1849TW001	X	X	X	X	X	X	X	X	X
1851TW001	X	X	X	X	X	X	X	X	X
1857TW001	X	X	X	X	X	X	X	X	X
1859TW001	X	X	X	X	X	X	X	X	X
1865TW001	X	X	X	X	X	X	X	X	X
1866TW001	X	X	X	X	X	X	X	X	X
1867TW001	X	X	X	X	X	X	X	X	X
1872TW001	X	X	X	X	X	X	X	X	X
1874TW001	X	X	X	X	X	X	X	X	X
1874TW002		X							X
1897TW001	X	X	X	X	X	X	X	X	X
1899TW001	X	X	X	X	X	X	X	X	X
1911TW001	X	X	X	X	X	X	X	X	X
1923TW001	X	X	X	X	X	X	X	X	X
1926TW002		X							X
1928TW001	X	X	X	X	X	X	X	X	X
1942TW001	X	X	X	X	X	X	X	X	X
1945TW002		X							X
1964TW002		X							X
1969TW002		X							X
1989TW001	X	X	X	X	X		X		X
2002TW001	X	X	X	X	X		X		X
2003TW001	X	X	X	X	X	X	X	X	X

TABLE 10-4

SAMPLES COLLECTED VS PROPOSED
WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	DIOXINS/ FURANS	FIELD PARAMETERS	METALS	MICROBIOLOGICAL	MISCELLANEOUS PARAMETERS	SEMIVOLATILE	VOLATILE	PESTICIDES /PCBs	RADIOLOGICAL
2003TW002		X							X
2006TW001	X	X	X	X	X	X	X	X	X
2016TW001	X	X	X	X	X	X	X	X	X
2016TW002		X							X
2017TW001	X	X	X	X	X		X		X
2018TW001	X	X	X	X	X		X		X
2021TW001	X	X	X	X	X		X		X
2023TW001	X	X	X	X	X	X	X	X	X
2030TW001	X	X	X	X	X	X	X	X	X
2032TW001	X	X	X	X	X		X		X
2035TW001	X	X	X	X	X	X	X	X	X
2035TW001-D	X		X	X	X	X	X	X	X
2040TW001	X	X	X	X	X		X		X
2044TW001	X	X	X	X	X	X	X	X	X
2045TW001	X	X	X	X	X	X	X	X	X
2049TW001	X	X	X	X	X		X		X
2051TW001	X	X	X	X	X	X	X	X	X
2055TW001	X	X	X	X	X	X	X	X	X
2060TW001	X	X	X	X	X	X	X	X	X
2065TW001	X	X	X	X	X	X	X	X	X
2071TW001	X	X	X	X	X		X		X
2073TW001	X	X	X	X	X	X	X	X	X
2074TW001	X	X	X	X	X		X		X
2075TW001	X	X	X	X	X	X	X	X	X
2077TW001	X	X	X	X	X		X		X
2078TW001	X	X	X	X	X	X	X	X	X
2079TW001	X	X	X	X	X		X		X
2080TW001	X	X	X	X	X		X		X
2081TW001	X	X	X	X	X	X	X	X	X
2082TW001	X	X	X	X	X	X	X	X	X
2090TW001	X	X	X	X	X		X		X
2093TW001	X	X	X	X	X		X		X
2102TW001	X	X	X	X	X		X		X

TABLE 10-4

SAMPLES COLLECTED VS PROPOSED
WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	DIOXINS/ FURANS	FIELD PARAMETERS	METALS	MICROBIOLOGICAL	MISCELLANEOUS PARAMETERS	SEMIVOLATILE	VOLATILE	PESTICIDES /PCBs	RADIOLOGICAL
2102TW001-D	X		X	X	X		X		X
2103TW001	X	X	X	X	X		X		X
2105TW001	X	X	X	X	X		X		X
2106TW001	X	X	X	X	X		X		X
2108TW001	X	X	X	X	X		X		X
2110TW001	X	X	X	X	X		X		X
2111TW001	X	X	X	X	X		X		X
2112TW001	X	X	X	X	X		X		X
2113TW001	X	X	X	X	X		X		X
2114TW001	X	X	X	X	X		X		X
2115TW001	X	X	X	X	X		X		X
2116TW001	X	X	X	X	X		X		X
2117TW001	X	X	X	X	X		X		X
2118TW001	X	X	X	X	X		X		X
2130TW001	X	X	X	X	X		X		X
2139TW001	X	X	X	X	X		X		X
2140TW001	X	X	X	X	X		X		X
2150TW001	X	X	X	X	X		X		X
2151TW001	X	X	X	X	X		X		X
2152TW001	X	X	X	X	X		X		X
2153TW001	X	X	X	X	X		X		X
2154TW001	X	X	X	X	X		X		X
2156TW001	X	X	X	X	X		X		X
TOTAL FRACTIONS COLLECTED	235	261	247	218	235	106	251	106	266
TOTAL FRACTIONS PROPOSED	235	261	247	218	235	106	251	106	266
SAMPLE COLLECTION PERCENTAGE	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

TABLE 10-5

LABORATORY COMPLETENESS
WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

DATA REJECTED FOR WATER ANALYSES			
FRACTION	TOTAL NUMBER OF DATA POINTS	REJECTED DATA POINTS	ANALYTICAL PERCENT COMPLETENESS
DIOXINS/FURANS	6,112	0	100
METALS	5,755	0	100
MISCELLANEOUS PARAMETERS(1)	1,645	28	98.3
SEMIVOLATILE	6,466	463	92.8
VOLATILES	16,004	14	99.9
MICROBIOLOGICAL	442	0	100
RADIOLOGICAL	540	0	100
PESTICIDES/PCBs	2,968	0	100
FIELD PARAMETERS(2)	2,073	0	100

1 - Miscellaneous parameters consist of chloride, cyanide, fluoride, nitrite, nitrate, phosphate, and sulfate.

2 - Field parameters consist of chlorine, Dissolved oxygen, oxidation reduction potential, pH, salinity, specific conductance, temperature, total dissolved solits, and turbidity.

TABLE 10-6

REJECTED DATA FOR WATER SAMPLES
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	SAMPLE RESULT	UNITS	VALIDATION QUALIFIER	REJECTION CODE	REASON FOR REJECTION
0244TW001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
0244TW001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
0388TW001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
0388TW001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
0411TW001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
0411TW001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
0512TW001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
0512TW001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
0813TW001	4-NITROANILINE	1.02	UG/L	UR	C	CALIBRATION NONCOMPLIANCE
0882IW001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
0882IW001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
0882TW001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
0882TW001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1182TW001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1182TW001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1566TW001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1566TW001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1635TW001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1635TW001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1659TW001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1659TW001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1737TW002	1,2-DICHLOROTETRAFLUOROETHANE	0.2	UG/L	UR	C	CALIBRATION NONCOMPLIANCE
1737TW002	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1737TW002	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1737WM001	1,2-DICHLOROTETRAFLUOROETHANE	0.2	UG/L	UR	C	CALIBRATION NONCOMPLIANCE
1737WM001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1737WM001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X

TABLE 10-6

REJECTED DATA FOR WATER SAMPLES
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	SAMPLE RESULT	UNITS	VALIDATION QUALIFIER	REJECTION CODE	REASON FOR REJECTION
1749TW001	2,3,4,6-TETRACHLOROPHENOL	0.287	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	2,4,5-TRICHLOROPHENOL	0.478	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	2,4,6-TRICHLOROPHENOL	0.478	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	2,4-DICHLOROPHENOL	0.669	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	2,4-DIMETHYLPHENOL	0.956	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	2,4-DINITROPHENOL	0.287	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	2,6-DICHLOROPHENOL	0.765	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	2-CHLOROPHENOL	0.86	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	2-METHYLPHENOL	0.669	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	2-NITROPHENOL	0.86	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	3&4-METHYLPHENOL	1.15	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	4,6-DINITRO-2-METHYLPHENOL	0.191	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	4-CHLORO-3-METHYLPHENOL	0.574	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	4-NITROPHENOL	0.287	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	PENTACHLOROPHENOL	0.287	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1749TW001	PHENOL	0.956	UG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1751TW001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1751TW001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1805TW001	NITRITE	0.2	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
1805TW001	PHOSPHATE	0.4	MG/L	UR	H	HOLDING TIME EXCEEDANCE >2X
WS04AW001	1,2-DICHLOROTETRAFLUOROETHANE	0.2	UG/L	UR	C	CALIBRATION NONCOMPLIANCE
WS04AW001-D	1,2-DICHLOROTETRAFLUOROETHANE	0.2	UG/L	UR	C	CALIBRATION NONCOMPLIANCE
WS05AW001	1,2-DICHLOROTETRAFLUOROETHANE	0.2	UG/L	UR	C	CALIBRATION NONCOMPLIANCE
WS05AW001-D	1,2-DICHLOROTETRAFLUOROETHANE	0.2	UG/L	UR	C	CALIBRATION NONCOMPLIANCE
WS06AW001	1,2-DICHLOROTETRAFLUOROETHANE	0.2	UG/L	UR	C	CALIBRATION NONCOMPLIANCE
WS06AW001-D	1,2-DICHLOROTETRAFLUOROETHANE	0.2	UG/L	UR	C	CALIBRATION NONCOMPLIANCE

TABLE 10-7

SAMPLES COLLECTED VS PROPOSED
SOIL DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	DIOXINS/ FURANS	METALS	CYANIDE	SEMIVOLATILE	VOLATILE	PESTICIDES/ PCBs
0082SS0010006	X	X	X	X	X	X
0085SS0010006	X	X	X	X	X	X
0104SS0010006	X	X	X	X	X	X
0120SS0010006	X	X	X	X	X	X
0198SS0010006	X	X	X	X	X	X
0198SS0010006-D	X	X	X	X	X	X
0246SS0010006	X	X	X	X	X	X
0290SS0010006	X	X	X	X	X	X
0419SS0010006	X	X	X	X	X	X
0459SS0010006	X	X	X	X	X	X
0479SS0010006	X	X	X	X	X	X
0502SS0010006	X	X	X	X	X	X
0525SS0010006	X	X	X	X	X	X
0551SS0010006	X	X	X	X	X	X
0552SS0010006	X	X	X	X	X	X
0588SS0010006	X	X	X	X	X	X
0589SS0010006	X	X	X	X	X	X
0771SS0010006	X	X	X	X	X	X
0838SS0010006	X	X	X	X	X	X
0894SS0010006	X	X	X	X	X	X
0894SS0010006-D	X	X	X	X	X	X
0975SS0010006	X	X	X	X	X	X
1120SS0010006	X	X	X	X	X	X
1132SS0010006	X	X	X	X	X	X
1132SS0010006-D	X	X	X	X	X	X
1312SS0010006	X	X	X	X	X	X
1363SS0010006	X	X	X	X	X	X
1364SS0010006	X	X	X	X	X	X
1443SS0010006	X	X	X	X	X	X
1459SS0010006	X	X	X	X	X	X
1562SS0010006	X	X	X	X	X	X
1569SS0010006	X	X	X	X	X	X
1633SS0010006	X	X	X	X	X	X
1638SS0010006	X	X	X	X	X	X
1749SS0010006	X	X	X	X	X	X
1788SS0010006	X	X	X	X	X	X
1810SS0010006	X	X	X	X	X	X
1811SS0010006	X	X	X	X	X	X
1812SS0010006	X	X	X	X	X	X

"X" inidcates the sample was collected.

TABLE 10-7

SAMPLES COLLECTED VS PROPOSED
SOIL DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	DIOXINS/ FURANS	METALS	CYANIDE	SEMIVOLATILE	VOLATILE	PESTICIDES/ PCBs
1813SS0010006	X	X	X	X	X	X
1817SS0010006	X	X	X	X	X	X
1827SS0010006	X	X	X	X	X	X
1835SS0010006	X	X	X	X	X	X
1846SS0010006	X	X	X	X	X	X
1847SS0010006	X	X	X	X	X	X
1849SS0010006	X	X	X	X	X	X
1865SS0010006	X	X	X	X	X	X
1866SS0010006	X	X	X	X	X	X
1867SS0010006	X	X	X	X	X	X
1872SS0010006	X	X	X	X	X	X
1874SS0010006	X	X	X	X	X	X
1878SS0010006	X	X	X	X	X	X
1897SS0010006	X	X	X	X	X	X
1899SS0010006	X	X	X	X	X	X
1989SS0010006	X	X	X	X	X	X
2003SS0010006	X	X	X	X	X	X
2016SS0010006	X	X	X	X	X	X
2018SS0010006	X	X	X	X	X	X
2023SS0010006	X	X	X	X	X	X
2044SS0010006	X	X	X	X	X	X
2045SS0010006	X	X	X	X	X	X
2049SS0010006	X	X	X	X	X	X
2051SS0010006	X	X	X	X	X	X
2060SS0010006	X	X	X	X	X	X
2060SS0010006-D	X	X	X	X	X	X
2073SS0010006	X	X	X	X	X	X
2074SS0010006	X	X	X	X	X	X
2077SS0010006	X	X	X	X	X	X
2078SS0010006	X	X	X	X	X	X
2080SS0010006	X	X	X	X	X	X
2081SS0010006	X	X	X	X	X	X
2082SS0010006	X	X	X	X	X	X
2093SS0010006	X	X	X	X	X	X
2102SS0010006	X	X	X	X	X	X
2103SS0010006	X	X	X	X	X	X
2106SS0010006	X	X	X	X	X	X
2108SS0010006	X	X	X	X	X	X

"X" inidcates the sample was collected.

TABLE 10-7

SAMPLES COLLECTED VS PROPOSED
SOIL DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	DIOXINS/ FURANS	METALS	CYANIDE	SEMIVOLATILE	VOLATILE	PESTICIDES/ PCBs
TOTAL FRACTIONS COLLECTED	77	77	77	77	77	77
TOTAL FRACTIONS PROPOSED	77	77	77	77	77	77
SAMPLE COLLECTION PERCENTAGE	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

"X" inidcates the sample was collected.

TABLE 10-8

LABORATORY COMPLETENESS
SOIL DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

DATA REJECTED FOR SOIL ANALYSES			
FRACTION	TOTAL NUMBER OF DATA POINTS	REJECTED DATA POINTS	ANALYTICAL PERCENT COMPLETENESS
DIOXINS/FURANS	2,002	0	100
METALS	1,540	0	100
MERCURY VAPOR	77	0	100
SEMIVOLATILE	4,697	0	100
VOLATILES	4,774	177	96.3
PESTICIDES/PCBs	2,160	0	100

TABLE 10-9

REJECTED DATA FOR SOIL SAMPLES
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	SAMPLE RESULT	UNITS	VALIDATION QUALIFIER	REJECTION CODE	REASON FOR REJECTION
0419SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00088	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
0419SS0010006	BROMOMETHANE	0.00437	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
0419SS0010006	CHLOROETHANE	0.00058	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
0459SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.0008	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
0459SS0010006	BROMOMETHANE	0.004	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
0459SS0010006	CHLOROETHANE	0.00053	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
0551SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00083	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
0894SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00081	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
0894SS0010006	CHLOROETHANE	0.00054	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
0894SS0010006-D	1,2-DICHLOROTETRAFLUOROETHANE	0.00082	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
0894SS0010006-D	CHLOROETHANE	0.00055	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1788SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00079	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1788SS0010006	BROMOMETHANE	0.00394	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1788SS0010006	CHLOROETHANE	0.00053	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1811SS0010006	1,1,1,2-TETRACHLOROETHANE	0.0004	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,1,1-TRICHLOROETHANE	0.00053	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,1,2,2-TETRACHLOROETHANE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,1,2-TRICHLOROETHANE	0.0004	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00093	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,1-DICHLOROETHANE	0.00093	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,1-DICHLOROETHENE	0.00067	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,2,3-TRICHLOROBENZENE	0.00067	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,2,3-TRICHLOROPROPANE	0.0004	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,2,4-TRICHLOROBENZENE	0.0004	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,2,4-TRIMETHYLBENZENE	0.00053	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,2-DIBROMO-3-CHLOROPROPANE	0.00053	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,2-DIBROMOETHANE	0.00013	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,2-DICHLOROBENZENE	0.00013	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,2-DICHLOROETHANE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,2-DICHLOROPROPANE	0.0004	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.0008	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,3,5-TRIMETHYLBENZENE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X

TABLE 10-9

REJECTED DATA FOR SOIL SAMPLES
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	SAMPLE RESULT	UNITS	VALIDATION QUALIFIER	REJECTION CODE	REASON FOR REJECTION
1811SS0010006	1,3-DICHLOROBENZENE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,3-DICHLOROPROPANE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	1,4-DICHLOROBENZENE	0.00013	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	2,2-DICHLOROPROPANE	0.00067	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	2-BUTANONE	0.00239	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	2-CHLOROTOLUENE	0.0004	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	2-HEXANONE	0.00133	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	4-CHLOROTOLUENE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	4-ISOPROPYLTOLUENE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	4-METHYL-2-PENTANONE	0.0004	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	ACETONE	0.00771	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	ACROLEIN	0.00678	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	BENZENE	0.0004	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	BROMOCHLOROMETHANE	0.00053	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	BROMODICHLOROMETHANE	0.00053	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	BROMOFORM	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	BROMOMETHANE	0.00399	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	CARBON TETRACHLORIDE	0.00053	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	CHLOROBENZENE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	CHLORODIBROMOMETHANE	0.00013	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	CHLOROETHANE	0.00053	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	CHLOROFORM	0.00093	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	CHLOROMETHANE	0.0012	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	CIS-1,2-DICHLOROETHENE	0.00093	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	CIS-1,3-DICHLOROPROPENE	0.00013	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	DICHLORODIFLUOROMETHANE	0.0004	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	ETHYLBENZENE	0.0004	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	ISOPROPYLBENZENE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	M+P-XYLENES	0.0008	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	METHYL TERT-BUTYL ETHER	0.00067	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	METHYLENE CHLORIDE	0.00133	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	N-BUTYLBENZENE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X

TABLE 10-9

REJECTED DATA FOR SOIL SAMPLES
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	SAMPLE RESULT	UNITS	VALIDATION QUALIFIER	REJECTION CODE	REASON FOR REJECTION
1811SS0010006	N-PROPYLBENZENE	0.0004	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	O-XYLENE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	SEC-BUTYLBENZENE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	STYRENE	0.00027	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	TERT-BUTYLBENZENE	0.00053	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	TETRACHLOROETHENE	0.0008	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	TRANS-1,2-DICHLOROETHENE	0.0008	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	TRANS-1,3-DICHLOROPROPENE	0.0004	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	TRICHLOROETHENE	0.00067	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	TRICHLOROFLUOROMETHANE	0.00106	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1811SS0010006	VINYL CHLORIDE	0.00053	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
1813SS0010006	BROMOMETHANE	0.0041	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1813SS0010006	CHLOROETHANE	0.00055	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1827SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00087	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1835SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00086	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1835SS0010006	CHLOROETHANE	0.00057	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1846SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00083	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1846SS0010006	BROMOMETHANE	0.00414	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1846SS0010006	CHLOROETHANE	0.00055	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1847SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00088	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1847SS0010006	BROMOMETHANE	0.00437	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1847SS0010006	CHLOROETHANE	0.00058	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1849SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00082	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1849SS0010006	BROMOMETHANE	0.0041	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1849SS0010006	CHLOROETHANE	0.00055	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1878SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00087	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1878SS0010006	BROMOMETHANE	0.00436	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1878SS0010006	CHLOROETHANE	0.00058	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1989SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00082	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1989SS0010006	BROMOMETHANE	0.00411	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
1989SS0010006	CHLOROETHANE	0.00055	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2003SS0010006	1,1,1,2-TETRACHLOROETHANE	0.00044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X

TABLE 10-9

REJECTED DATA FOR SOIL SAMPLES
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	SAMPLE RESULT	UNITS	VALIDATION QUALIFIER	REJECTION CODE	REASON FOR REJECTION
2003SS0010006	1,1,1-TRICHLOROETHANE	0.00059	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,1,2,2-TETRACHLOROETHANE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,1,2-TRICHLOROETHANE	0.00044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00103	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,1-DICHLOROETHANE	0.00103	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,1-DICHLOROETHENE	0.00073	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,2,3-TRICHLOROBENZENE	0.00073	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,2,3-TRICHLOROPROPANE	0.00044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,2,4-TRICHLOROBENZENE	0.00044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,2,4-TRIMETHYLBENZENE	0.00059	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,2-DIBROMO-3-CHLOROPROPANE	0.00059	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,2-DIBROMOETHANE	0.00015	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,2-DICHLOROBENZENE	0.00015	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,2-DICHLOROETHANE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,2-DICHLOROPROPANE	0.00044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00088	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,3,5-TRIMETHYLBENZENE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,3-DICHLOROBENZENE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,3-DICHLOROPROPANE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	1,4-DICHLOROBENZENE	0.00015	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	2,2-DICHLOROPROPANE	0.00073	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	2-BUTANONE	0.00264	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	2-CHLOROTOLUENE	0.00044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	2-HEXANONE	0.00147	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	4-CHLOROTOLUENE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	4-ISOPROPYLTOLUENE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	4-METHYL-2-PENTANONE	0.00044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	ACETONE	0.00851	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	ACROLEIN	0.00749	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	BENZENE	0.00044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	BROMOCHLOROMETHANE	0.00059	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	BROMODICHLOROMETHANE	0.00059	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X

TABLE 10-9

REJECTED DATA FOR SOIL SAMPLES
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	SAMPLE RESULT	UNITS	VALIDATION QUALIFIER	REJECTION CODE	REASON FOR REJECTION
2003SS0010006	BROMOFORM	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	BROMOMETHANE	0.0044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	CARBON TETRACHLORIDE	0.00059	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	CHLOROBENZENE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	CHLORODIBROMOMETHANE	0.00015	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	CHLOROETHANE	0.00059	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	CHLOROMETHANE	0.00132	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	CIS-1,2-DICHLOROETHENE	0.00103	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	CIS-1,3-DICHLOROPROPENE	0.00015	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	DICHLORODIFLUOROMETHANE	0.00044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	ETHYLBENZENE	0.00044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	ISOPROPYLBENZENE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	M+P-XYLENES	0.00088	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	METHYL TERT-BUTYL ETHER	0.00073	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	METHYLENE CHLORIDE	0.00147	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	N-BUTYLBENZENE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	N-PROPYLBENZENE	0.00044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	O-XYLENE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	SEC-BUTYLBENZENE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	STYRENE	0.00029	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	TERT-BUTYLBENZENE	0.00059	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	TETRACHLOROETHENE	0.00088	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	TRANS-1,2-DICHLOROETHENE	0.00088	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	TRANS-1,3-DICHLOROPROPENE	0.00044	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	TRICHLOROETHENE	0.00073	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	TRICHLOROFLUOROMETHANE	0.00117	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2003SS0010006	VINYL CHLORIDE	0.00059	MG/KG	UR	H	HOLDING TIME EXCEEDANCE >2X
2016SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00091	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2016SS0010006	BROMOMETHANE	0.00455	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2016SS0010006	CHLOROETHANE	0.00061	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2018SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.0009	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2018SS0010006	CHLOROETHANE	0.0006	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE

TABLE 10-9

REJECTED DATA FOR SOIL SAMPLES
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	SAMPLE RESULT	UNITS	VALIDATION QUALIFIER	REJECTION CODE	REASON FOR REJECTION
2060SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.0008	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2060SS0010006	BROMOMETHANE	0.00399	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2060SS0010006	CHLOROETHANE	0.00053	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2060SS0010006-D	1,2-DICHLOROTETRAFLUOROETHANE	0.00082	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2060SS0010006-D	BROMOMETHANE	0.00408	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2060SS0010006-D	CHLOROETHANE	0.00054	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2074SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00088	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2074SS0010006	BROMOMETHANE	0.00438	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2074SS0010006	CHLOROETHANE	0.00058	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2078SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00084	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2078SS0010006	BROMOMETHANE	0.00419	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2078SS0010006	CHLOROETHANE	0.00056	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2081SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00083	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2081SS0010006	BROMOMETHANE	0.00413	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2081SS0010006	CHLOROETHANE	0.00055	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2102SS0010006	1,2-DICHLOROTETRAFLUOROETHANE	0.00083	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE
2102SS0010006	CHLOROETHANE	0.00055	MG/KG	UR	C	CALIBRATION NONCOMPLIANCE

TABLE 10-10

FIELD DUPLICATE PRECISION DATA FOR AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
CA56IA001	M+P-XYLENES	VOLATILE	0.657	34.5	189.0
CA56IA001	1,2,4-TRIMETHYLBENZENE	VOLATILE	0.38	7.67	173.0
0838SG001	1,2-DICHLOROPROPANE	VOLATILE	0.141	1.91	161.4
CA56IA001	METHYL CYCLOHEXANE	VOLATILE	0.119	0.983	141.5
CA65AA001	DICHLORODIFLUOROMETHANE	VOLATILE	8.07	46.4	122.6
2117SG001	TOLUENE	VOLATILE	0.339	1.88	120.5
SU63AA001	CYCLOHEXANE	VOLATILE	0.292	1.52	116.7
SU63AA001	HEXANE	VOLATILE	0.377	1.8	111.4
CA56IA001	STYRENE	VOLATILE	0.194	0.788	101.0
CA55SG001	DICHLORODIFLUOROMETHANE	VOLATILE	224	4.57	97.0
1363SG001	M+P-XYLENES	VOLATILE	3.26	0.255	88.7
SU63SG002	CARBON DISULFIDE	VOLATILE	4.15	0.332	88.5
1363SG001	O-XYLENE	VOLATILE	1.38	0.12	87.5
0564SG001	BENZENE	VOLATILE	0.427	1.37	84.8
CA56IA001	ISOPROPYLBENZENE	VOLATILE	0.146	0.462	83.8
1363SG001	1,2,4-TRIMETHYLBENZENE	VOLATILE	1.18	0.164	80.5
1363SG001	ETHYLBENZENE	VOLATILE	0.743	0.171	69.0
SU63IA001	METHYLENE CHLORIDE	VOLATILE	1.54	0.356	68.9
0548SG004	ACETALDEHYDE	VOLATILE	19	48.3	67.9
SU52SG002	CYCLOHEXANE	VOLATILE	4.53	1.18	65.4
2117SG001	M+P-XYLENES	VOLATILE	0.272	0.663	64.8
SU63AA001	METHYLENE CHLORIDE	VOLATILE	1.63	0.442	64.2
SU63AA001	TOLUENE	VOLATILE	1.27	3.07	64.2
CA64SG001	HEXANE	VOLATILE	15.7	4.36	63.4
0838SG001	ETHYLBENZENE	VOLATILE	0.534	1.24	61.2
CA64SG001	TOLUENE	VOLATILE	56.5	17.5	59.8
CA64SG001	METHYL CYCLOHEXANE	VOLATILE	10.3	3.67	54.6
0838SG001	M+P-XYLENES	VOLATILE	2.39	5.08	54.6
SU52SG002	HEXANE	VOLATILE	2.16	0.781	54.1
0789SG001	NAPHTHALENE	VOLATILE	1.07	0.403	52.5
2117SG001	ACETALDEHYDE	VOLATILE	13.8	28.2	51.6
CA62IA001	NAPHTHALENE	VOLATILE	2.46	4.81	48.3
1363SG001	STYRENE	VOLATILE	0.473	0.204	46.8
CA65SG001	STYRENE	VOLATILE	114	218	46.6
1785SG001	TOLUENE	VOLATILE	0.221	0.419	46.0
0838SG001	O-XYLENE	VOLATILE	0.882	1.66	45.4
SU63AA001	ACETONE	VOLATILE	12.7	23.8	45.1
SU52SG002	DICHLORODIFLUOROMETHANE	VOLATILE	4.14	1.97	42.3
SU63SG002	ACETALDEHYDE	VOLATILE	35.5	62.9	40.9
CA64IA001	DICHLORODIFLUOROMETHANE	VOLATILE	8.93	4.46	40.1
0838SG001	1,2,4-TRIMETHYLBENZENE	VOLATILE	1.27	2.2	39.2
CA65SG001	ACETONE	VOLATILE	15.2	25.8	37.7
1363SG001	TOLUENE	VOLATILE	1.9	1	37.5
CA64AA001	DICHLORODIFLUOROMETHANE	VOLATILE	2.71	4.49	35.9
CA56AA001	METHYL CYCLOHEXANE	VOLATILE	0.379	0.211	34.7
0410SG001	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	0.646	0.36	34.6
0564SG001	STYRENE	VOLATILE	2.97	4.83	34.5

TABLE 10-10

FIELD DUPLICATE PRECISION DATA FOR AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
CA55SG001	CYCLOHEXANE	VOLATILE	0.282	0.458	34.4
CA64SG001	CYCLOHEXANE	VOLATILE	6.44	3.72	32.8
1785SG001	CARBON DISULFIDE	VOLATILE	1.34	0.78	32.4
SU63AA001	DICHLORODIFLUOROMETHANE	VOLATILE	4.48	2.63	31.9
1363SG001	DICHLORODIFLUOROMETHANE	VOLATILE	4.09	2.43	31.3
1132SG001	M+P-XYLENES	VOLATILE	0.35	0.543	31.1
0838SG001	1,3,5-TRIMETHYLBENZENE	VOLATILE	0.28	0.434	31.0
CA56IA001	HEXACHLOROETHANE	VOLATILE	0.342	0.207	30.3
0564SG001	1,2,4-TRIMETHYLBENZENE	VOLATILE	0.869	1.33	30.1
CA65SG001	ACETALDEHYDE	VOLATILE	5.61	3.43	29.8
CA65SG001	METHYL CYCLOHEXANE	VOLATILE	1.34	0.821	29.6
CA55SG001	HEXANE	VOLATILE	0.566	0.844	28.1
1132SG001	TOLUENE	VOLATILE	0.505	0.753	28.1
SU52SG002	1,2,4-TRIMETHYLBENZENE	VOLATILE	1.17	0.75	27.2
2055SG001	CARBON DISULFIDE	VOLATILE	1.16	1.69	26.4
0548SG003	HEXANE	VOLATILE	0.49	0.7	25.0
CA65SG001	CYCLOHEXANE	VOLATILE	0.907	0.608	24.7
SU63AA001	ACROLEIN	VOLATILE	1.22	1.73	24.5
SU63IA001	ISOBUTANOL	VOLATILE	1.33	1.88	24.2
1132SG001	ETHYLBENZENE	VOLATILE	0.201	0.284	24.2
0838SG001	CARBON DISULFIDE	VOLATILE	0.419	0.592	24.2
0548SG004	2-BUTANONE	VOLATILE	3.17	4.47	24.1
2117SG001	1,2,4-TRICHLOROBENZENE	VOLATILE	0.69	0.469	23.9
1132SG001	BENZENE	VOLATILE	0.23	0.321	23.3
CA56IA001	1,2,4-TRICHLOROBENZENE	VOLATILE	1.51	2.1	23.0
1785SG001	DICHLORODIFLUOROMETHANE	VOLATILE	3.53	2.45	22.7
CA56IA001	1,4-DICHLOROBENZENE	VOLATILE	0.608	0.836	22.2
SU52SG002	1,2-DICHLOROPROPANE	VOLATILE	0.835	0.588	21.9
SU63AA001	ACETALDEHYDE	VOLATILE	10.1	13.8	21.8
CA65SG001	CARBON DISULFIDE	VOLATILE	0.723	0.511	21.7
CA65IA001	DICHLORODIFLUOROMETHANE	VOLATILE	121	86.6	20.9
0564SG001	ACETALDEHYDE	VOLATILE	21.8	29.4	20.8
0548AA001	ACETONE	VOLATILE	10.8	7.76	20.7
SU52SG002	ACETALDEHYDE	VOLATILE	16.2	21.8	20.7
CA56IA001	1,3-DICHLOROBENZENE	VOLATILE	0.676	0.906	20.4
CA56IA001	1,2-DICHLOROBENZENE	VOLATILE	0.734	0.98	20.1
CA64SG001	1,2,4-TRIMETHYLBENZENE	VOLATILE	4.02	2.92	20.1
CA64AA001	METHYL TERT-BUTYL ETHER	VOLATILE	0.408	0.542	19.7
CA55SG001	TETRACHLOROETHENE	VOLATILE	2450	1810	19.1
CA56IA001	HEXACHLOROBUTADIENE	VOLATILE	1.68	2.2	18.7
CA56SG002	M+P-XYLENES	VOLATILE	2.66	3.47	18.4
0548AA001	METHYLENE CHLORIDE	VOLATILE	0.471	0.613	18.3
0548AA001	1,2,4-TRIMETHYLBENZENE	VOLATILE	0.533	0.4	18.1
CA64SG001	ACROLEIN	VOLATILE	2.22	2.88	18.0
CA62IA001	TETRACHLOROETHENE	VOLATILE	4.26	5.52	17.9
CA64SG001	1,3,5-TRIMETHYLBENZENE	VOLATILE	1.1	0.829	17.9
0838SG001	TETRACHLOROETHENE	VOLATILE	3.94	5.1	17.9

TABLE 10-10

FIELD DUPLICATE PRECISION DATA FOR AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
0548SG004	ACETONE	VOLATILE	14	18.1	17.8
CA65SG001	HEXANE	VOLATILE	1.99	1.51	17.5
0548SG003	ACETALDEHYDE	VOLATILE	8.55	11	17.4
0548SG004	1,2,4-TRIMETHYLBENZENE	VOLATILE	0.491	0.377	16.8
CA64SG001	METHYLENE CHLORIDE	VOLATILE	0.534	0.415	16.0
1785SG001	CARBON TETRACHLORIDE	VOLATILE	0.634	0.497	15.5
CA56IA001	1,1,2,2-TETRACHLOROETHANE	VOLATILE	0.311	0.388	15.2
0838SG001	BENZENE	VOLATILE	1.46	1.82	15.2
SU63AA001	HEXACHLOROBUTADIENE	VOLATILE	2.2	1.74	15.0
2117SG001	HEXANE	VOLATILE	0.805	1	14.9
CA64SG001	ISOBUTANOL	VOLATILE	8.89	7.04	14.9
0548SG004	ACETOPHENONE	VOLATILE	8.14	10.1	14.9
CA56SG002	1,2,4-TRIMETHYLBENZENE	VOLATILE	1.04	1.29	14.8
CA56SG002	O-XYLENE	VOLATILE	1.09	1.35	14.7
CA55SG001	ISOPROPYLBENZENE	VOLATILE	0.423	0.336	14.7
1363SG001	NAPHTHALENE	VOLATILE	9.54	7.58	14.7
CA65IA001	CARBON DISULFIDE	VOLATILE	0.301	0.24	14.5
0548AA001	TOLUENE	VOLATILE	1.61	1.29	14.2
1132SG001	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	0.494	0.607	14.2
CA64IA001	1,3,5-TRIMETHYLBENZENE	VOLATILE	2.9	3.56	14.1
SU63IA001	HEXACHLOROETHANE	VOLATILE	0.302	0.37	14.0
2055SG001	1,2,4-TRIMETHYLBENZENE	VOLATILE	0.531	0.429	13.7
CA64SG001	2-BUTANONE	VOLATILE	10.7	8.66	13.6
1132SG001	NAPHTHALENE	VOLATILE	8.09	9.85	13.5
CA62SG001	TETRACHLOROETHENE	VOLATILE	157	191	13.5
0838SG001	2-BUTANONE	VOLATILE	1.99	1.62	13.2
CA65SG001	TOLUENE	VOLATILE	9.49	7.73	13.2
SU52SG002	M+P-XYLENES	VOLATILE	3.01	2.46	13.0
CA65SG001	2-BUTANONE	VOLATILE	3.23	2.64	13.0
1132SG001	ACETONE	VOLATILE	5.71	6.88	12.8
CA64AA001	M+P-XYLENES	VOLATILE	1.72	2.07	12.7
CA64SG001	M+P-XYLENES	VOLATILE	6.79	5.63	12.1
0838SG001	CYCLOHEXANE	VOLATILE	0.385	0.459	12.0
0548SG004	M+P-XYLENES	VOLATILE	1.83	1.52	12.0
2117SG001	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	0.789	0.939	11.9
0564SG001	HEXANE	VOLATILE	0.438	0.521	11.9
SU52SG002	STYRENE	VOLATILE	12	9.99	11.8
1132SG001	TETRACHLOROETHENE	VOLATILE	4.39	5.19	11.5
CA55SG001	TOLUENE	VOLATILE	3.14	3.71	11.4
CA64IA001	1,2,4-TRIMETHYLBENZENE	VOLATILE	7.5	8.86	11.4
SU63SG002	1,3,5-TRIMETHYLBENZENE	VOLATILE	3.37	3.98	11.4
0548AA001	O-XYLENE	VOLATILE	0.481	0.404	11.3
SU52SG002	O-XYLENE	VOLATILE	1.34	1.13	11.0
1132SG001	TRICHLOROFLUOROMETHANE	VOLATILE	6.32	7.42	11.0
SU63AA001	METHYL CYCLOHEXANE	VOLATILE	0.35	0.296	10.8
0548SG004	TOLUENE	VOLATILE	1.05	1.23	10.8
0548AA001	CHLOROFORM	VOLATILE	0.22	0.257	10.6

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FIELD DUPLICATE PRECISION DATA FOR AIR DATA
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NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
CA65AA001	CHLOROMETHANE	VOLATILE	1.35	1.15	10.4
2117SG001	2-BUTANONE	VOLATILE	1.83	2.13	10.4
2055SG001	2-BUTANONE	VOLATILE	4.42	3.77	10.3
CA64IA001	HEXANE	VOLATILE	0.805	0.687	10.3
CA64IA001	METHYL TERT-BUTYL ETHER	VOLATILE	0.502	0.581	10.0
SU63AA001	O-XYLENE	VOLATILE	0.62	0.717	9.9
0548SG003	ETHYLBENZENE	VOLATILE	0.299	0.257	9.8
CA64SG001	ACETALDEHYDE	VOLATILE	40.8	35.1	9.8
CA64IA001	TRICHLOROFLUOROMETHANE	VOLATILE	1.57	1.81	9.7
CA55SG001	M+P-XYLENES	VOLATILE	1.52	1.75	9.6
SU52SG002	ACETONE	VOLATILE	273	236	9.5
CA65SG001	1,2-DICHLOROPROPANE	VOLATILE	0.444	0.51	9.4
0838SG001	TOLUENE	VOLATILE	5.53	6.35	9.4
CA64IA001	BENZENE	VOLATILE	0.595	0.683	9.4
SU52SG002	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	0.745	0.645	9.4
CA56AA001	ACETALDEHYDE	VOLATILE	10.2	11.7	9.3
2055SG001	M+P-XYLENES	VOLATILE	0.856	0.742	9.3
CA55SG001	ACETONE	VOLATILE	361	313	9.3
CA64AA001	METHYLENE CHLORIDE	VOLATILE	0.455	0.521	9.2
CA65SG001	BENZENE	VOLATILE	5.22	4.53	9.2
SU63AA001	M+P-XYLENES	VOLATILE	1.53	1.75	9.1
CA55SG001	ISOBUTANOL	VOLATILE	912	795	8.9
CA56SG002	ISOPROPYLBENZENE	VOLATILE	0.314	0.358	8.9
CA65AA001	TRICHLOROFLUOROMETHANE	VOLATILE	1.73	1.51	8.9
SU63SG002	2-BUTANONE	VOLATILE	3.06	3.48	8.8
CA64IA001	M+P-XYLENES	VOLATILE	2.19	2.49	8.7
CA56SG002	TOLUENE	VOLATILE	5.64	6.41	8.7
CA64IA001	CYCLOHEXANE	VOLATILE	0.712	0.809	8.7
1363SG001	ACETONE	VOLATILE	3.45	3.92	8.7
0789SG001	HEXANE	VOLATILE	0.527	0.462	8.6
SU52SG002	1,2,4-TRICHLOROBENZENE	VOLATILE	0.516	0.585	8.5
1785SG001	TRICHLOROFLUOROMETHANE	VOLATILE	1.96	1.72	8.5
0548AA001	ACETALDEHYDE	VOLATILE	8.44	7.42	8.4
CA64SG001	STYRENE	VOLATILE	3.24	2.85	8.4
CA56SG002	ETHYLBENZENE	VOLATILE	1.53	1.73	8.4
CA65SG001	1,3,5-TRIMETHYLBENZENE	VOLATILE	1.05	0.924	8.3
CA64SG001	BENZENE	VOLATILE	7.04	6.2	8.3
CA64IA001	CHLOROMETHANE	VOLATILE	1.24	1.4	8.2
0548AA001	M+P-XYLENES	VOLATILE	1.44	1.27	8.2
CA64AA001	ACETALDEHYDE	VOLATILE	10.1	8.91	8.2
CA64AA001	TRICHLOROFLUOROMETHANE	VOLATILE	1.41	1.59	8.2
CA64IA001	O-XYLENE	VOLATILE	1.11	1.25	8.1
0548SG003	O-XYLENE	VOLATILE	0.234	0.207	8.0
2117SG001	ACETONE	VOLATILE	19.2	21.6	8.0
0838SG001	ACETALDEHYDE	VOLATILE	122	108	8.0
CA65SG001	1,2,4-TRIMETHYLBENZENE	VOLATILE	1.57	1.39	7.9
0564SG001	CHLOROFORM	VOLATILE	1.13	1.27	7.9

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FIELD DUPLICATE PRECISION DATA FOR AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
CA64IA001	METHYLENE CHLORIDE	VOLATILE	0.901	1.01	7.8
CA56SG002	CYCLOHEXANE	VOLATILE	0.422	0.473	7.7
CA65SG001	DICHLORODIFLUOROMETHANE	VOLATILE	37700	33500	7.7
CA55SG001	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	77	86.2	7.7
SU63SG002	1,2,4-TRIMETHYLBENZENE	VOLATILE	16	17.9	7.6
2117SG001	NAPHTHALENE	VOLATILE	1.55	1.38	7.6
CA65AA001	2-BUTANONE	VOLATILE	1.1	1.23	7.6
0838SG001	METHYLENE CHLORIDE	VOLATILE	0.297	0.332	7.6
1363SG001	1,4-DICHLOROBENZENE	VOLATILE	0.453	0.404	7.5
CA65SG001	TETRACHLOROETHENE	VOLATILE	5.79	5.17	7.4
0410SG001	ACETALDEHYDE	VOLATILE	5.67	5.07	7.3
SU63IA001	DICHLORODIFLUOROMETHANE	VOLATILE	2.75	2.46	7.3
CA65AA001	ACETALDEHYDE	VOLATILE	4.95	4.43	7.3
0548SG004	BENZENE	VOLATILE	0.404	0.362	7.2
0789SG001	BENZENE	VOLATILE	0.251	0.225	7.2
0838SG001	TRICHLOROFLUOROMETHANE	VOLATILE	4.45	3.99	7.1
CA65AA001	HEXANE	VOLATILE	0.363	0.403	7.1
0548SG003	M+P-XYLENES	VOLATILE	0.553	0.497	7.0
CA65SG001	ETHYLBENZENE	VOLATILE	41.5	37.3	7.0
CA64SG001	ETHYLBENZENE	VOLATILE	10.2	9.19	6.8
0548AA001	CHLOROMETHANE	VOLATILE	1.23	1.36	6.8
0838SG001	ACETONE	VOLATILE	22.4	20.2	6.8
SU63IA001	ISOPROPYLBENZENE	VOLATILE	0.2	0.221	6.8
CA65AA001	TOLUENE	VOLATILE	2.32	2.56	6.7
0548SG004	DICHLORODIFLUOROMETHANE	VOLATILE	3.66	3.31	6.6
CA65AA001	M+P-XYLENES	VOLATILE	2.16	2.38	6.6
CA65AA001	ACETONE	VOLATILE	7.26	6.57	6.5
2055SG001	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	0.514	0.566	6.5
2117SG001	CARBON DISULFIDE	VOLATILE	0.591	0.536	6.4
0410SG001	1,2-DICHLOROPROPANE	VOLATILE	0.455	0.5	6.4
CA56AA001	ACETONE	VOLATILE	14.4	15.8	6.3
CA56AA001	2-BUTANONE	VOLATILE	2.06	2.26	6.3
CA64IA001	ISOPROPYLBENZENE	VOLATILE	0.56	0.614	6.2
CA64AA001	HEXANE	VOLATILE	0.439	0.481	6.2
CA65AA001	1,2,4-TRIMETHYLBENZENE	VOLATILE	0.577	0.631	6.1
SU63IA001	ACETONE	VOLATILE	19.3	21.1	6.0
2055SG001	METHYL CYCLOHEXANE	VOLATILE	0.44	0.481	6.0
SU52SG002	HEXACHLOROBUTADIENE	VOLATILE	0.806	0.736	6.0
CA56SG002	1,3-DICHLOROBENZENE	VOLATILE	0.953	1.04	5.9
CA64SG001	CARBON DISULFIDE	VOLATILE	1.4	1.28	5.9
0548SG003	ACETONE	VOLATILE	57.3	62.5	5.9
CA56SG002	1,4-DICHLOROBENZENE	VOLATILE	0.915	0.998	5.9
CA56AA001	1,3,5-TRIMETHYLBENZENE	VOLATILE	0.75	0.686	5.9
CA64SG001	TRICHLOROFLUOROMETHANE	VOLATILE	2.23	2.04	5.8
0548SG003	BROMODICHLOROMETHANE	VOLATILE	58.9	64.2	5.8
SU63AA001	STYRENE	VOLATILE	0.292	0.318	5.8
CA55SG001	STYRENE	VOLATILE	10.6	9.71	5.8

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NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
SU63AA001	CHLOROMETHANE	VOLATILE	1.35	1.47	5.8
CA55SG001	1,2,4-TRIMETHYLBENZENE	VOLATILE	0.938	1.02	5.7
CA56SG002	HEXACHLOROBUTADIENE	VOLATILE	2.19	2.38	5.6
0548SG003	1,1-DICHLOROETHENE	VOLATILE	0.882	0.811	5.5
0548SG003	CYCLOHEXANE	VOLATILE	0.365	0.396	5.5
0548AA001	ETHYLBENZENE	VOLATILE	0.415	0.382	5.4
SU63SG002	NAPHTHALENE	VOLATILE	0.978	1.06	5.4
SU52SG002	1,4-DICHLOROBENZENE	VOLATILE	0.367	0.338	5.4
0564SG001	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	0.735	0.796	5.4
CA64SG001	ISOPROPYLBENZENE	VOLATILE	0.523	0.483	5.2
0548SG003	ACROLEIN	VOLATILE	1.01	0.933	5.2
CA65SG001	M+P-XYLENES	VOLATILE	17.5	16.2	5.1
0838SG001	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	0.654	0.606	5.0
0838SG001	METHYL CYCLOHEXANE	VOLATILE	0.223	0.24	5.0
CA64SG001	TETRACHLOROETHENE	VOLATILE	29.3	27.2	4.9
0789SG001	1,1,1-TRICHLOROETHANE	VOLATILE	0.771	0.716	4.9
CA56AA001	DICHLORODIFLUOROMETHANE	VOLATILE	2.95	2.74	4.9
CA56SG002	HEXANE	VOLATILE	0.839	0.901	4.8
0548AA001	METHYL TERT-BUTYL ETHER	VOLATILE	0.426	0.396	4.8
0548SG003	1,3-DICHLOROBENZENE	VOLATILE	0.271	0.252	4.8
0410SG001	O-XYLENE	VOLATILE	5.61	6.02	4.8
CA65SG001	ISOBUTANOL	VOLATILE	19.5	20.9	4.7
SU63IA001	ACROLEIN	VOLATILE	0.98	1.05	4.7
CA65IA001	ACETALDEHYDE	VOLATILE	11.2	12	4.7
0410SG001	1,4-DICHLOROBENZENE	VOLATILE	3.09	2.88	4.6
0548SG003	CHLOROFORM	VOLATILE	6500	6960	4.6
0548AA001	2-BUTANONE	VOLATILE	1.19	1.11	4.6
CA56IA001	DICHLORODIFLUOROMETHANE	VOLATILE	2.42	2.59	4.6
CA64IA001	TOLUENE	VOLATILE	17.3	18.5	4.5
0838SG001	CHLOROFORM	VOLATILE	2.3	2.15	4.4
CA56SG002	1,2,4-TRICHLOROBENZENE	VOLATILE	2.2	2.35	4.4
SU63SG002	M+P-XYLENES	VOLATILE	62	66.2	4.4
0548SG004	O-XYLENE	VOLATILE	0.741	0.693	4.4
2117SG001	DICHLORODIFLUOROMETHANE	VOLATILE	4.64	4.34	4.4
CA64IA001	ACETONE	VOLATILE	14.2	13.3	4.3
CA56AA001	BENZENE	VOLATILE	1.21	1.29	4.3
CA56AA001	STYRENE	VOLATILE	0.433	0.406	4.2
0789SG001	ACETALDEHYDE	VOLATILE	13.9	14.8	4.2
0548SG003	METHYL TERT-BUTYL ETHER	VOLATILE	2.9	2.72	4.2
1132SG001	HEXACHLOROBUTADIENE	VOLATILE	1.45	1.36	4.2
SU52SG002	ETHYLBENZENE	VOLATILE	2.92	2.74	4.2
SU63AA001	1,2,4-TRICHLOROBENZENE	VOLATILE	1.97	1.85	4.1
2055SG001	TOLUENE	VOLATILE	2.53	2.69	4.1
SU63IA001	1,1,2,2-TETRACHLOROETHANE	VOLATILE	0.413	0.388	4.1
SU63IA001	ACETALDEHYDE	VOLATILE	12.8	13.6	4.1
2055SG001	O-XYLENE	VOLATILE	0.358	0.337	4.0
0564SG001	TRICHLOROFLUOROMETHANE	VOLATILE	2.14	2.27	4.0

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SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
CA56SG002	1,2-DICHLOROBENZENE	VOLATILE	1.16	1.23	3.9
CA56AA001	METHYLENE CHLORIDE	VOLATILE	0.761	0.806	3.9
SU63AA001	TRICHLOROFLUOROMETHANE	VOLATILE	1.63	1.54	3.7
0548SG003	ACRYLONITRILE	VOLATILE	2.72	2.57	3.7
SU52SG002	ISOBUTANOL	VOLATILE	10.5	11.1	3.7
SU63AA001	1,4-DICHLOROBENZENE	VOLATILE	0.825	0.872	3.7
SU63IA001	STYRENE	VOLATILE	0.369	0.39	3.7
0410SG001	NAPHTHALENE	VOLATILE	26.5	28	3.7
2055SG001	ETHYLBENZENE	VOLATILE	0.606	0.573	3.7
0548SG004	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	0.833	0.788	3.7
SU63IA001	1,2,4-TRIMETHYLBENZENE	VOLATILE	0.844	0.891	3.6
CA56AA001	METHYL TERT-BUTYL ETHER	VOLATILE	1.26	1.33	3.6
CA65IA001	HEXANE	VOLATILE	0.471	0.497	3.6
CA64SG001	DICHLORODIFLUOROMETHANE	VOLATILE	4.01	3.8	3.6
SU63AA001	2-BUTANONE	VOLATILE	1.37	1.3	3.5
CA56SG002	ACETALDEHYDE	VOLATILE	19.6	18.6	3.5
2055SG001	DICHLORODIFLUOROMETHANE	VOLATILE	15.2	16	3.4
CA65SG001	ISOPROPYLBENZENE	VOLATILE	21.8	20.7	3.4
SU63IA001	HEXACHLOROBUTADIENE	VOLATILE	2.16	2.27	3.3
CA64AA001	BENZENE	VOLATILE	0.514	0.54	3.3
CA56SG002	TETRACHLOROETHENE	VOLATILE	716	752	3.3
CA55SG001	NAPHTHALENE	VOLATILE	31.9	33.5	3.3
CA62SG001	NAPHTHALENE	VOLATILE	7.11	6.77	3.2
1132SG001	1,2,4-TRICHLOROBENZENE	VOLATILE	1.26	1.2	3.2
0548SG003	TETRACHLOROETHENE	VOLATILE	102	107	3.2
0548SG003	CARBON TETRACHLORIDE	VOLATILE	25.4	24.2	3.2
CA65AA001	METHYLENE CHLORIDE	VOLATILE	0.424	0.404	3.2
CA64AA001	CHLOROMETHANE	VOLATILE	1.24	1.3	3.2
1785SG001	ACETALDEHYDE	VOLATILE	19.4	18.5	3.1
SU63IA001	M+P-XYLENES	VOLATILE	2.31	2.42	3.1
CA65IA001	METHYLENE CHLORIDE	VOLATILE	0.462	0.484	3.1
0410SG001	M+P-XYLENES	VOLATILE	12.7	13.3	3.1
0564SG001	2-BUTANONE	VOLATILE	9.37	9.81	3.1
CA56SG002	ISOBUTANOL	VOLATILE	1.51	1.58	3.0
0548SG003	CHLOROBENZENE	VOLATILE	0.216	0.226	3.0
CA64AA001	1,2-DICHLOROPROPANE	VOLATILE	0.245	0.234	3.0
SU63AA001	1,3-DICHLOROBENZENE	VOLATILE	0.915	0.957	3.0
0410SG001	ETHYLBENZENE	VOLATILE	21.8	22.8	3.0
SU52SG002	TOLUENE	VOLATILE	9.46	9.04	3.0
SU63SG002	TETRACHLOROETHENE	VOLATILE	263	275	3.0
CA55SG001	TRICHLOROFLUOROMETHANE	VOLATILE	133	139	3.0
CA55SG001	2-BUTANONE	VOLATILE	4.18	4	2.9
0789SG001	TRICHLOROFLUOROMETHANE	VOLATILE	163	170	2.8
CA56SG002	DICHLORODIFLUOROMETHANE	VOLATILE	14.1	14.7	2.8
SU63SG002	O-XYLENE	VOLATILE	16.5	17.2	2.8
SU63SG002	HEXACHLOROBUTADIENE	VOLATILE	2.38	2.48	2.8
0548SG004	ETHYLBENZENE	VOLATILE	2.21	2.12	2.8

TABLE 10-10

FIELD DUPLICATE PRECISION DATA FOR AIR DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
SU63SG002	TRICHLOROFLUOROMETHANE	VOLATILE	1.68	1.75	2.7
SU63SG002	METHYL CYCLOHEXANE	VOLATILE	0.513	0.534	2.7
CA65IA001	CHLOROFORM	VOLATILE	1.03	0.989	2.7
CA64SG001	TRICHLOROETHENE	VOLATILE	6.04	5.8	2.7
CA56AA001	M+P-XYLENES	VOLATILE	5.54	5.32	2.7
2055SG001	TRICHLOROFLUOROMETHANE	VOLATILE	2.03	1.95	2.7
0410SG001	1,3,5-TRIMETHYLBENZENE	VOLATILE	0.35	0.364	2.6
0548AA001	CARBON TETRACHLORIDE	VOLATILE	0.668	0.642	2.6
CA55SG001	BENZENE	VOLATILE	1.76	1.83	2.6
CA56SG002	2-BUTANONE	VOLATILE	1.53	1.59	2.6
CA64AA001	2-BUTANONE	VOLATILE	0.924	0.96	2.6
0789SG001	DICHLORODIFLUOROMETHANE	VOLATILE	10.3	10.7	2.6
0548SG003	1,1,1-TRICHLOROETHANE	VOLATILE	0.608	0.585	2.6
0548SG003	TOLUENE	VOLATILE	1.31	1.36	2.5
CA56SG002	BENZENE	VOLATILE	2.64	2.74	2.5
CA56AA001	1,2,3-TRICHLOROPROPANE	VOLATILE	0.239	0.248	2.5
0789SG001	CARBON DISULFIDE	VOLATILE	0.82	0.79	2.5
SU63SG002	1,2,4-TRICHLOROBENZENE	VOLATILE	2.41	2.5	2.5
0548SG003	CHLOROETHANE	VOLATILE	2.71	2.81	2.4
CA56AA001	HEXACHLOROBUTADIENE	VOLATILE	2.23	2.15	2.4
CA65IA001	TETRACHLOROETHENE	VOLATILE	6.18	5.96	2.4
0548SG004	TETRACHLOROETHENE	VOLATILE	68.8	71.3	2.4
0548SG003	2-BUTANONE	VOLATILE	11.1	11.5	2.4
CA64AA001	ACETONE	VOLATILE	6.69	6.93	2.4
0548SG004	STYRENE	VOLATILE	4.48	4.64	2.4
SU63SG002	ETHYLBENZENE	VOLATILE	31	32.1	2.3
0548AA001	DICHLORODIFLUOROMETHANE	VOLATILE	2.92	2.82	2.3
0410SG001	TOLUENE	VOLATILE	2.59	2.68	2.3
CA56AA001	CYCLOHEXANE	VOLATILE	0.693	0.717	2.3
0548SG003	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	0.865	0.836	2.3
CA65AA001	TRICHLOROETHENE	VOLATILE	1.17	1.21	2.3
CA65AA001	CYCLOHEXANE	VOLATILE	0.265	0.274	2.2
SU52SG002	METHYLENE CHLORIDE	VOLATILE	0.542	0.524	2.2
CA56AA001	1,2,4-TRICHLOROBENZENE	VOLATILE	2.13	2.06	2.2
SU52SG002	NAPHTHALENE	VOLATILE	15	15.5	2.2
CA65IA001	STYRENE	VOLATILE	4.61	4.46	2.2
CA56AA001	TRICHLOROFLUOROMETHANE	VOLATILE	1.51	1.56	2.2
CA56SG002	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	54.7	53	2.1
1363SG001	1,2,4-TRICHLOROBENZENE	VOLATILE	1	0.97	2.0
1785SG001	ACETONE	VOLATILE	3.41	3.31	2.0
0564SG001	DICHLORODIFLUOROMETHANE	VOLATILE	2.1	2.04	1.9
0838SG001	CHLOROMETHANE	VOLATILE	0.723	0.744	1.9
CA65IA001	TRICHLOROETHENE	VOLATILE	28.1	27.3	1.9
CA56AA001	1,2,4-TRIMETHYLBENZENE	VOLATILE	1.41	1.37	1.9
SU63AA001	1,2,4-TRIMETHYLBENZENE	VOLATILE	0.734	0.755	1.9
0548SG003	METHYLENE CHLORIDE	VOLATILE	8.09	8.32	1.9
SU63SG002	ISOBUTANOL	VOLATILE	1.79	1.84	1.8

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FIELD DUPLICATE PRECISION DATA FOR AIR DATA
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NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
CA56SG002	ACETONE	VOLATILE	14.4	14.8	1.8
1132SG001	1,2,3-TRICHLOROBENZENE	VOLATILE	1.84	1.79	1.8
0548AA001	BENZENE	VOLATILE	0.403	0.414	1.8
0789SG001	TETRACHLOROETHENE	VOLATILE	7.47	7.67	1.8
0410SG001	2-BUTANONE	VOLATILE	0.935	0.96	1.8
SU63SG002	ISOPROPYLBENZENE	VOLATILE	0.788	0.809	1.8
0410SG001	1,2,4-TRIMETHYLBENZENE	VOLATILE	1.13	1.16	1.8
SU52SG002	METHYL ACETATE	VOLATILE	0.796	0.817	1.7
CA56SG002	METHYL CYCLOHEXANE	VOLATILE	0.582	0.567	1.7
0838SG001	DICHLORODIFLUOROMETHANE	VOLATILE	2.33	2.27	1.7
0548AA001	TRICHLOROFLUOROMETHANE	VOLATILE	1.63	1.59	1.6
CA65IA001	TOLUENE	VOLATILE	6.52	6.36	1.6
0564SG001	TOLUENE	VOLATILE	3.7	3.61	1.6
CA56AA001	HEXANE	VOLATILE	0.777	0.796	1.6
CA56SG002	CARBON DISULFIDE	VOLATILE	0.751	0.733	1.6
CA56SG002	STYRENE	VOLATILE	0.996	1.02	1.6
SU63IA001	TOLUENE	VOLATILE	1.69	1.65	1.6
SU63SG002	TOLUENE	VOLATILE	4.65	4.76	1.6
SU63IA001	ETHYLBENZENE	VOLATILE	0.987	1.01	1.5
SU52SG002	BENZENE	VOLATILE	3.93	3.84	1.5
SU63IA001	CHLOROMETHANE	VOLATILE	1.3	1.33	1.5
CA64SG001	ACETONE	VOLATILE	132	129	1.5
SU63SG002	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	0.786	0.804	1.5
SU63SG002	ACETONE	VOLATILE	17.8	17.4	1.5
0548SG003	ACETONITRILE	VOLATILE	2.21	2.26	1.5
0548SG003	TRICHLOROETHENE	VOLATILE	1.35	1.32	1.5
CA56SG002	TRICHLOROFLUOROMETHANE	VOLATILE	31.8	31.1	1.5
SU63IA001	1,3-DICHLOROBENZENE	VOLATILE	0.919	0.899	1.5
SU63IA001	1,4-DICHLOROBENZENE	VOLATILE	0.833	0.815	1.5
CA65SG001	CHLOROFORM	VOLATILE	0.976	0.955	1.4
SU63AA001	1,2-DICHLOROBENZENE	VOLATILE	0.962	0.983	1.4
CA64AA001	TOLUENE	VOLATILE	1.84	1.88	1.4
SU52SG002	2-BUTANONE	VOLATILE	9.79	10	1.4
CA56AA001	TOLUENE	VOLATILE	5.64	5.76	1.4
0548SG003	CARBON DISULFIDE	VOLATILE	0.629	0.616	1.4
SU63SG002	1,4-DICHLOROBENZENE	VOLATILE	0.916	0.935	1.4
1363SG001	TRICHLOROFLUOROMETHANE	VOLATILE	6.92	6.78	1.4
CA56SG002	METHYLENE CHLORIDE	VOLATILE	1.47	1.5	1.4
0548SG003	1,4-DICHLOROBENZENE	VOLATILE	0.25	0.245	1.3
CA65IA001	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	1.03	1.01	1.3
SU52SG002	ACETONITRILE	VOLATILE	3.63	3.7	1.3
SU63SG002	1,2-DICHLOROBENZENE	VOLATILE	1.04	1.06	1.3
2055SG001	BENZENE	VOLATILE	1.67	1.64	1.2
CA56SG002	1,1,1-TRICHLOROETHANE	VOLATILE	11.4	11.2	1.2
1363SG001	TETRACHLOROETHENE	VOLATILE	11.7	11.5	1.1
0410SG001	CHLOROFORM	VOLATILE	1.16	1.18	1.1
CA56SG002	CHLOROFORM	VOLATILE	3.04	2.99	1.1

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FIELD DUPLICATE PRECISION DATA FOR AIR DATA
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SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
0548SG003	TRICHLOROFLUOROMETHANE	VOLATILE	25	24.6	1.1
CA56AA001	CHLOROMETHANE	VOLATILE	1.26	1.28	1.1
SU63SG002	CHLOROBENZENE	VOLATILE	0.447	0.44	1.0
1363SG001	CHLOROFORM	VOLATILE	13.4	13.2	1.0
SU63SG002	DICHLORODIFLUOROMETHANE	VOLATILE	2.75	2.71	1.0
0548SG004	TRICHLOROFLUOROMETHANE	VOLATILE	13.8	13.6	1.0
0564SG001	NAPHTHALENE	VOLATILE	1.38	1.4	1.0
0838SG001	HEXANE	VOLATILE	1.38	1.4	1.0
0548SG003	1,1-DICHLOROETHANE	VOLATILE	0.37	0.375	0.9
SU63IA001	TRICHLOROFLUOROMETHANE	VOLATILE	1.51	1.53	0.9
0410SG001	TRICHLOROFLUOROMETHANE	VOLATILE	3.81	3.86	0.9
SU52SG002	CARBON DISULFIDE	VOLATILE	0.951	0.939	0.8
0410SG001	METHYL CYCLOHEXANE	VOLATILE	3.21	3.25	0.8
2117SG001	TRICHLOROFLUOROMETHANE	VOLATILE	163	161	0.8
SU63IA001	O-XYLENE	VOLATILE	0.741	0.732	0.8
0789SG001	TRICHLOROETHENE	VOLATILE	8.99	9.1	0.8
0548SG004	CARBON TETRACHLORIDE	VOLATILE	7.88	7.79	0.8
CA65AA001	METHYL TERT-BUTYL ETHER	VOLATILE	0.716	0.724	0.7
CA55SG001	ETHYLBENZENE	VOLATILE	1.83	1.81	0.7
0410SG001	HEXANE	VOLATILE	10.1	9.99	0.7
0548SG004	CHLOROFORM	VOLATILE	1.86	1.84	0.7
CA65IA001	CYCLOHEXANE	VOLATILE	0.371	0.375	0.7
CA56AA001	O-XYLENE	VOLATILE	1.87	1.85	0.7
0410SG001	ACETONE	VOLATILE	5.69	5.63	0.7
SU52SG002	CHLOROFORM	VOLATILE	3.86	3.9	0.7
SU63IA001	1,2,4-TRICHLOROBENZENE	VOLATILE	2.04	2.06	0.7
0564SG001	ACETONE	VOLATILE	41.2	40.8	0.6
0548SG003	1,2-DICHLOROPROPANE	VOLATILE	1.05	1.04	0.6
CA65IA001	2-BUTANONE	VOLATILE	10.7	10.6	0.6
CA65IA001	ACETONE	VOLATILE	22	21.8	0.6
CA65IA001	BENZENE	VOLATILE	0.772	0.765	0.6
0548SG003	CHLOROMETHANE	VOLATILE	0.228	0.23	0.6
SU52SG002	CHLOROMETHANE	VOLATILE	0.35	0.347	0.6
CA65IA001	METHYL TERT-BUTYL ETHER	VOLATILE	0.71	0.704	0.6
CA65IA001	CHLOROMETHANE	VOLATILE	1.26	1.27	0.5
CA56SG002	TRICHLOROETHENE	VOLATILE	39.4	39.7	0.5
CA65SG001	TRICHLOROFLUOROMETHANE	VOLATILE	6.74	6.69	0.5
0548AA001	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	0.809	0.803	0.5
0410SG001	BENZENE	VOLATILE	1.38	1.39	0.5
0548SG004	CARBON DISULFIDE	VOLATILE	0.283	0.281	0.5
CA64IA001	ACETALDEHYDE	VOLATILE	7.09	7.14	0.5
CA65IA001	BROMODICHLOROMETHANE	VOLATILE	0.435	0.432	0.5
CA65IA001	M+P-XYLENES	VOLATILE	2.99	2.97	0.4
CA65IA001	1,2,4-TRIMETHYLBENZENE	VOLATILE	0.904	0.91	0.4
0548SG003	BENZENE	VOLATILE	0.76	0.755	0.4
SU52SG002	TRICHLOROFLUOROMETHANE	VOLATILE	1.58	1.59	0.4
2055SG001	TETRACHLOROETHENE	VOLATILE	4.89	4.86	0.4

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FIELD DUPLICATE PRECISION DATA FOR AIR DATA
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SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
CA65AA001	BENZENE	VOLATILE	0.671	0.675	0.4
SU63SG002	BENZENE	VOLATILE	1.7	1.71	0.4
CA56AA001	ETHYLBENZENE	VOLATILE	1.71	1.72	0.4
CA55SG001	1,1,1-TRICHLOROETHANE	VOLATILE	3.54	3.52	0.4
SU52SG002	CARBON TETRACHLORIDE	VOLATILE	0.583	0.58	0.3
0410SG001	DICHLORODIFLUOROMETHANE	VOLATILE	1.96	1.95	0.3
SU63IA001	2-BUTANONE	VOLATILE	1.96	1.97	0.3
SU63SG002	TRICHLOROETHENE	VOLATILE	0.416	0.414	0.3
CA65IA001	ETHYLBENZENE	VOLATILE	2.09	2.08	0.3
0548SG003	CHLORODIBROMOMETHANE	VOLATILE	2.21	2.2	0.3
CA65IA001	1,2-DICHLOROPROPANE	VOLATILE	0.222	0.221	0.3
0410SG001	CARBON TETRACHLORIDE	VOLATILE	0.488	0.486	0.3
0789SG001	2-BUTANONE	VOLATILE	0.978	0.982	0.3
1132SG001	1,4-DICHLOROBENZENE	VOLATILE	0.51	0.512	0.3
CA65IA001	TRICHLOROFLUOROMETHANE	VOLATILE	2.58	2.57	0.3
CA56AA001	1,4-DICHLOROBENZENE	VOLATILE	0.861	0.864	0.2
2117SG001	TETRACHLOROETHENE	VOLATILE	2.97	2.96	0.2
1363SG001	1,1,2-TRICHLOROTRIFLUOROETHANE	VOLATILE	0.633	0.631	0.2
0410SG001	STYRENE	VOLATILE	69.4	69.6	0.2
CA55SG001	TRICHLOROETHENE	VOLATILE	3.73	3.74	0.2
0548SG003	DICHLORODIFLUOROMETHANE	VOLATILE	4.03	4.02	0.2
0789SG001	ACETONE	VOLATILE	4.32	4.31	0.2
0410SG001	CARBON DISULFIDE	VOLATILE	0.935	0.937	0.1
SU63SG002	1,3-DICHLOROBENZENE	VOLATILE	0.964	0.962	0.1
CA56AA001	1,2-DICHLOROBENZENE	VOLATILE	0.988	0.99	0.1
CA56AA001	1,3-DICHLOROBENZENE	VOLATILE	0.93	0.931	0.1
0410SG001	CYCLOHEXANE	VOLATILE	3	3	0.0
0789SG001	CHLOROFORM	VOLATILE	1.38	1.38	0.0
1363SG001	HEXACHLOROBUTADIENE	VOLATILE	1.31	1.31	0.0
2055SG001	HEXANE	VOLATILE	45.3	45.3	0.0
2055SG001	METHYLENE CHLORIDE	VOLATILE	0.782	0.782	0.0
CA56SG002	CARBON TETRACHLORIDE	VOLATILE	1.04	1.04	0.0
CA64IA001	2-BUTANONE	VOLATILE	1.25	1.25	0.0
SU63IA001	1,2-DICHLOROBENZENE	VOLATILE	0.962	0.962	0.0

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FIELD DUPLICATE PRECISION DATA FOR WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
WS10AW001	MANGANESE	METALS	0.13	0.763	123.8
0021TW001	IRON	METALS	5.62	29.8	117.8
WS11AW001	TIN	METALS	0.24	1.14	111.1
1351TW001	IRON	METALS	239	10.4	93.6
WS10AW001	TIN	METALS	0.249	0.901	93.2
WS09AW001	TIN	METALS	4.84	0.284	91.4
1638TW001	ZINC	METALS	9210	866	86.5
1351TW001	NICKEL	METALS	39.6	4.16	85.0
WS03AW001	FECAL COLIFORM	MICROBIOLOGICAL	3.1	9.9	84.5
1450TW001	IRON	METALS	19.8	62.5	83.6
0021TW001	NICKEL	METALS	2.22	6.78	81.3
0021TW001	MERCURY	METALS	0.04	0.109	73.0
2102TW001	ALUMINUM	METALS	17.8	3.7	71.8
WS01AW001	THALLIUM	METALS	0.572	0.12	71.5
WS01AW001	LEAD	METALS	5.1	1.12	70.3
WS10AW001	GROSS ALPHA	RADIOLOGICAL	10.9	2.93	64.5
WS01AW001	COPPER	METALS	20.6	6.29	60.3
WS02AW001	NICKEL	METALS	1.78	0.595	57.0
WS14AW001	THALLIUM	METALS	0.259	0.0908	55.3
WS09AW001	ZINC	METALS	20.9	7.88	52.4
1351TW001	THALLIUM	METALS	0.341	0.129	52.3
2035TW001	NICKEL	METALS	5.33	10.9	51.7
1351TW001	ZINC	METALS	641	250	51.0
WS07AW001	TIN	METALS	0.356	0.688	47.4
WS03AW001	NICKEL	METALS	1.17	2.26	47.4
WS10AW001	ALUMINUM	METALS	19.4	8.31	47.1
1351TW001	LEAD	METALS	11.6	5.07	46.2
WS01AW001	NICKEL	METALS	6.81	2.98	46.1
WS04AW001	NICKEL	METALS	2.73	1.2	45.9
1351TW001	MANGANESE	METALS	8.89	3.91	45.9
0479TW001	VANADIUM	METALS	2.37	1.07	44.8
WS14AW001	COPPER	METALS	0.364	0.169	43.5
0409TW001	COPPER	METALS	1560	736	42.7
WS11AW001	CHROMIUM	METALS	7.2	3.4	42.7
WS11AW001	ALUMINUM	METALS	24.4	11.7	42.0
0021TW001	MANGANESE	METALS	0.327	0.58	41.0
0479TW001	MANGANESE	METALS	1.41	2.5	41.0
WS03AW001	THALLIUM	METALS	0.472	0.834	40.7
WS06AW001	TIN	METALS	0.322	0.165	38.8
1351TW001	CHROMIUM	METALS	0.383	0.656	38.4
1638TW001	CADMIUM	METALS	0.225	0.117	38.1
WS12AW001	ALUMINUM	METALS	2.52	4.22	36.7
WS04AW001	LEAD	METALS	0.11	0.0593	36.3
0021TW001	CADMIUM	METALS	0.0714	0.118	35.7
1638TW001	NICKEL	METALS	6.8	3.77	34.9
WS13AW001	THALLIUM	METALS	0.461	0.256	34.8
WS14AW001	SELENIUM	METALS	0.344	0.555	34.0
WS08AW001	COPPER	METALS	2.26	3.58	32.6
WS02AW001	ZINC	METALS	9.76	15.4	32.3
WS07AW001	CHROMIUM	METALS	4.83	2.82	32.2

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FIELD DUPLICATE PRECISION DATA FOR WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
WS09AW001	ALUMINUM	METALS	6.68	10.5	32.0
1351TW001	ANTIMONY	METALS	0.283	0.167	31.7
2035TW001	MANGANESE	METALS	5.36	3.18	31.4
WS03AW001	COPPER	METALS	1.05	0.624	31.3
WS09AW001	COPPER	METALS	3.43	2.1	29.7
1351TW001	VANADIUM	METALS	2.64	3.99	29.1
0409TW001	NICKEL	METALS	2.44	1.51	29.1
WS02AW001	COPPER	METALS	1.47	2.21	28.7
1450TW001	NICKEL	METALS	1.05	1.57	28.3
WS08AW001	ALUMINUM	METALS	10.7	6.8	27.7
0409TW001	TOTAL COLIFORM	MICROBIOLOGICAL	32.4	20.7	27.4
WS11AW001	IRON	METALS	60.1	38.7	26.9
1450TW001	COPPER	METALS	26.4	38.4	26.3
WS03AW001	LEAD	METALS	0.0904	0.059	26.2
1450TW001	LEAD	METALS	0.523	0.759	26.1
WS08AW001	ANTIMONY	METALS	0.978	0.641	26.0
1351TW001	ALUMINUM	METALS	2.56	3.7	25.9
1638TW001	SELENIUM	METALS	0.256	0.369	25.7
1450TW001	MANGANESE	METALS	0.541	0.358	25.4
WS09AW001	MANGANESE	METALS	0.392	0.56	25.0
WS10AW001	VANADIUM	METALS	4.76	3.19	24.7
WS08AW001	FLUORIDE	MISCELLANEOUS PARAMETERS	0.243	0.342	23.9
WS01AW001	MANGANESE	METALS	0.286	0.402	23.8
WS02AW001	URANIUM	METALS	0.144	0.202	23.7
0409TW001	LEAD	METALS	1.55	2.15	22.9
0479TW001	ARSENIC	METALS	1.9	2.63	22.7
WS07AW001	IRON	METALS	44.9	31.8	21.5
WS11AW001	VANADIUM	METALS	6.78	4.81	21.4
WS10AW001	ZINC	METALS	139	98.7	21.4
WS12AW001	SELENIUM	METALS	0.802	0.57	21.3
1351TW001	COPPER	METALS	326	232	21.3
WS09AW001	CHROMIUM	METALS	2.33	3.15	21.0
WS07AW001	ANTIMONY	METALS	0.192	0.258	20.6
1638TW001	COBALT	METALS	0.31	0.228	19.3
2035TW001	VANADIUM	METALS	2.77	2.04	19.3
1638TW001	IRON	METALS	90.2	119	19.2
WS05AW001	NICKEL	METALS	3.73	4.9	18.9
WS08AW001	CHROMIUM	METALS	4.36	3.23	18.9
1638TW001	LEAD	METALS	3.67	2.73	18.7
WS07AW001	FLUORIDE	MISCELLANEOUS PARAMETERS	0.22	0.285	17.9
WS13AW001	FLUORIDE	MISCELLANEOUS PARAMETERS	0.342	0.258	17.8
WS11AW001	MANGANESE	METALS	0.633	0.479	17.7
WS04AW001	TIN	METALS	0.19	0.145	17.1
WS13AW001	GROSS BETA	RADIOLOGICAL	8.42	6.45	16.9
1638TW001	ANTIMONY	METALS	0.482	0.372	16.5
0409TW001	CHROMIUM	METALS	0.948	0.732	16.4
WS14AW001	BARIUM	METALS	15.7	12.2	16.1

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SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
WS11AW001	NICKEL	METALS	4.66	3.67	15.2
WS09AW001	NICKEL	METALS	18.1	14.3	15.0
2102TW001	GROSS BETA	RADIOLOGICAL	6.74	8.36	14.8
0409TW001	MANGANESE	METALS	2.59	2.06	14.6
0409TW001	COBALT	METALS	0.175	0.14	14.3
WS09AW001	IRON	METALS	37.9	46.6	14.2
WS14AW001	FLUORIDE	MISCELLANEOUS PARAMETERS	0.434	0.348	14.1
WS02AW001	COBALT	METALS	0.124	0.152	14.0
WS08AW001	MANGANESE	METALS	0.657	0.529	13.9
0479TW001	IRON	METALS	16.5	13.3	13.8
0409TW001	CADMIUM	METALS	0.0459	0.056	13.7
WS09AW001	LEAD	METALS	2.25	1.82	13.6
2035TW001	LEAD	METALS	2.62	2.12	13.6
0409TW001	SELENIUM	METALS	0.762	0.618	13.4
1638TW001	ARSENIC	METALS	6.06	7.33	13.1
WS13AW001	BARIUM	METALS	19.6	16	13.0
1450TW001	CHLORODIBROMOMETHANE	VOLATILE	1.77	1.45	12.8
WS12AW001	BARIUM	METALS	15.6	18.7	12.4
2102TW001	SELENIUM	METALS	0.272	0.326	12.4
0409TW001	IRON	METALS	62.9	75	12.1
WS07AW001	ZINC	METALS	467	556	11.9
WS05AW001	MERCURY	METALS	0.018	0.015	11.8
WS11AW001	ZINC	METALS	5.84	6.93	11.7
1450TW001	SELENIUM	METALS	0.272	0.227	11.7
0409TW001	ALUMINUM	METALS	3.67	3.08	11.3
0021TW001	SELENIUM	METALS	0.264	0.222	11.2
WS14AW001	IRON	METALS	16.9	19.9	11.2
0021TW001	ZINC	METALS	398	468	11.1
WS10AW001	COPPER	METALS	2.22	2.61	11.1
2035TW001	COPPER	METALS	219	185	10.9
0021TW001	LEAD	METALS	2.06	2.41	10.7
WS12AW001	GROSS BETA	RADIOLOGICAL	9.93	8.44	10.5
WS11AW001	FLUORIDE	MISCELLANEOUS PARAMETERS	0.262	0.303	9.9
WS12AW001	COPPER	METALS	0.998	1.15	9.7
WS12AW001	FLUORIDE	MISCELLANEOUS PARAMETERS	0.36	0.412	9.2
1638TW001	COPPER	METALS	184	160	9.1
WS08AW001	VANADIUM	METALS	10.6	12.1	9.0
1351TW001	URANIUM	METALS	3.2	3.65	9.0
WS11AW001	GROSS BETA	RADIOLOGICAL	5.56	6.34	8.9
WS07AW001	MANGANESE	METALS	1.44	1.26	8.7
1450TW001	BARIUM	METALS	13.3	15.1	8.6
2102TW001	MERCURY	METALS	0.046	0.052	8.3
WS13AW001	COPPER	METALS	0.559	0.492	8.3
WS01AW001	ARSENIC	METALS	5.75	6.49	8.2
WS06AW001	SULFATE	MISCELLANEOUS PARAMETERS	3.97	4.48	8.2
1638TW001	MERCURY	METALS	0.017	0.015	8.2

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SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
1351TW001	BARIUM	METALS	14.5	12.8	8.1
WS11AW001	SULFATE	MISCELLANEOUS PARAMETERS	8.9	7.86	8.1
0021TW001	CHROMIUM	METALS	0.778	0.876	8.1
WS01AW001	BARIUM	METALS	5.09	5.73	8.0
WS09AW001	VANADIUM	METALS	3.54	3.13	8.0
2035TW001	ALUMINUM	METALS	2.94	2.6	8.0
0409TW001	ZINC	METALS	662	586	8.0
WS03AW001	TOTAL COLIFORM	MICROBIOLOGICAL	50	56	7.7
0479TW001	TIN	METALS	0.144	0.128	7.7
1638TW001	URANIUM	METALS	15.1	16.9	7.6
1638TW001	VANADIUM	METALS	9.74	10.9	7.6
WS10AW001	IRON	METALS	32.3	36.1	7.5
WS07AW001	ALUMINUM	METALS	13	11.6	7.4
1638TW001	ALUMINUM	METALS	11.5	12.8	7.3
WS11AW001	COPPER	METALS	20.3	18.2	7.1
2102TW001	CHROMIUM	METALS	1.53	1.7	7.1
0479TW001	GROSS ALPHA	RADIOLOGICAL	2.7	3	7.1
WS13AW001	IRON	METALS	12.8	14.2	7.0
2035TW001	FLUORIDE	MISCELLANEOUS PARAMETERS	0.267	0.296	7.0
1351TW001	MERCURY	METALS	0.03	0.027	6.9
WS10AW001	URANIUM	METALS	1.51	1.36	6.8
WS02AW001	BARIUM	METALS	5.38	5.95	6.8
1638TW001	MANGANESE	METALS	6.79	6.12	6.8
1450TW001	MERCURY	METALS	0.058	0.064	6.7
WS13AW001	SELENIUM	METALS	0.575	0.634	6.6
0479TW001	NICKEL	METALS	1.38	1.52	6.5
2102TW001	CADMIUM	METALS	0.0843	0.0928	6.5
1351TW001	SELENIUM	METALS	0.389	0.353	6.4
WS09AW001	BARIUM	METALS	21.8	19.8	6.3
1450TW001	ZINC	METALS	30.1	33	6.2
2102TW001	FLUORIDE	MISCELLANEOUS PARAMETERS	0.456	0.498	6.0
0021TW001	VANADIUM	METALS	2.25	2.06	5.8
0409TW001	VANADIUM	METALS	11.2	12.2	5.8
WS01AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	4.93	4.53	5.6
WS05AW001	COPPER	METALS	0.974	0.895	5.6
WS10AW001	COBALT	METALS	1.05	1.14	5.6
0409TW001	GROSS ALPHA	RADIOLOGICAL	6.2	5.7	5.5
WS05AW001	CADMIUM	METALS	0.0496	0.0538	5.5
WS10AW001	FLUORIDE	MISCELLANEOUS PARAMETERS	0.328	0.355	5.3
0409TW001	ARSENIC	METALS	4.63	5.01	5.3
WS01AW001	TIN	METALS	0.203	0.188	5.1
0479TW001	COBALT	METALS	0.0302	0.0325	5.0
WS04AW001	SELENIUM	METALS	0.289	0.311	4.9
1351TW001	ARSENIC	METALS	4.31	4	4.9
WS10AW001	GROSS BETA	RADIOLOGICAL	6.41	5.95	4.9

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SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
WS06AW001	COPPER	METALS	0.396	0.425	4.8
0021TW001	CHLORODIBROMOMETHANE	VOLATILE	0.932	1	4.7
0021TW001	BARIUM	METALS	15.9	14.8	4.7
1450TW001	BROMOFORM	VOLATILE	1.45	1.35	4.7
WS14AW001	CHLOROFORM	VOLATILE	0.646	0.692	4.6
WS05AW001	ARSENIC	METALS	9.88	9.22	4.6
1450TW001	BROMODICHLOROMETHANE	VOLATILE	1.07	0.999	4.5
WS07AW001	SULFATE	MISCELLANEOUS PARAMETERS	35.3	33	4.4
1450TW001	CHLOROFORM	VOLATILE	0.712	0.666	4.4
0479TW001	LEAD	METALS	1.2	1.28	4.3
WS06AW001	MERCURY	METALS	0.015	0.016	4.3
2102TW001	CHLOROFORM	VOLATILE	0.378	0.403	4.3
WS11AW001	URANIUM	METALS	1.98	2.11	4.3
WS06AW001	URANIUM	METALS	0.528	0.562	4.2
2102TW001	TIN	METALS	0.261	0.245	4.2
WS05AW001	LEAD	METALS	0.278	0.261	4.2
WS13AW001	COBALT	METALS	1.65	1.55	4.1
WS07AW001	NICKEL	METALS	15.1	14.2	4.1
WS02AW001	SULFATE	MISCELLANEOUS PARAMETERS	1.94	2.06	4.0
0409TW001	ANTIMONY	METALS	0.244	0.259	4.0
WS11AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	27.2	25.6	4.0
WS12AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	63.9	67.8	4.0
WS02AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	3.34	3.15	3.9
WS05AW001	SULFATE	MISCELLANEOUS PARAMETERS	3.49	3.69	3.7
1638TW001	TOTAL COLIFORM	MICROBIOLOGICAL	62.4	65.9	3.7
WS08AW001	IRON	METALS	41.6	43.9	3.6
2102TW001	BARIUM	METALS	12.8	13.5	3.6
0409TW001	FLUORIDE	MISCELLANEOUS PARAMETERS	0.989	0.937	3.6
WS12AW001	IRON	METALS	15.6	14.8	3.5
WS03AW001	URANIUM	METALS	0.199	0.189	3.4
1638TW001	BARIUM	METALS	1.93	2.03	3.4
WS12AW001	SULFATE	MISCELLANEOUS PARAMETERS	17.5	18.4	3.4
0479TW001	ZINC	METALS	24.2	23	3.4
WS05AW001	SELENIUM	METALS	0.246	0.234	3.3
1351TW001	FLUORIDE	MISCELLANEOUS PARAMETERS	0.331	0.315	3.3
0479TW001	GROSS BETA	RADIOLOGICAL	10.5	10	3.2
2102TW001	MANGANESE	METALS	5.89	5.61	3.2
2035TW001	MERCURY	METALS	0.041	0.043	3.2
WS03AW001	BARIUM	METALS	5.63	5.37	3.1
WS14AW001	GROSS BETA	RADIOLOGICAL	7.79	8.16	3.1
WS08AW001	BARIUM	METALS	28.4	27.1	3.1

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SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
2102TW001	CHLORODIBROMOMETHANE	VOLATILE	0.985	0.941	3.0
2102TW001	NICKEL	METALS	3.52	3.37	2.9
WS01AW001	SULFATE	MISCELLANEOUS PARAMETERS	1.84	1.92	2.9
WS02AW001	LEAD	METALS	0.142	0.136	2.9
1638TW001	GROSS ALPHA	RADIOLOGICAL	7	7.3	2.8
0409TW001	BERYLLIUM	METALS	0.12	0.115	2.8
WS10AW001	SULFATE	MISCELLANEOUS PARAMETERS	12	12.5	2.7
0276IW001	TETRACHLOROETHENE	VOLATILE	3.04	2.92	2.7
WS11AW001	COBALT	METALS	1.3	1.25	2.6
WS09AW001	COBALT	METALS	1.33	1.28	2.5
0479TW001	SODIUM	METALS	6.25	6.49	2.5
1450TW001	URANIUM	METALS	0.942	0.978	2.5
0479TW001	BARIUM	METALS	13.5	13	2.5
WS13AW001	URANIUM	METALS	1.6	1.66	2.5
WS05AW001	BARIUM	METALS	13.4	13.9	2.5
WS04AW001	URANIUM	METALS	1.1	1.06	2.5
1351TW001	CHLORODIBROMOMETHANE	VOLATILE	1.11	1.07	2.4
WS14AW001	ANTIMONY	METALS	0.28	0.27	2.4
2102TW001	LEAD	METALS	64.5	62.2	2.4
2035TW001	BROMOFORM	VOLATILE	4.95	5.13	2.4
WS07AW001	COPPER	METALS	2.54	2.45	2.4
2035TW001	ZINC	METALS	65.2	62.9	2.4
1450TW001	ARSENIC	METALS	6.53	6.76	2.3
2102TW001	COPPER	METALS	43.6	42.1	2.3
WS06AW001	BARIUM	METALS	12.4	12	2.2
WS13AW001	SULFATE	MISCELLANEOUS PARAMETERS	15.7	15.2	2.1
WS07AW001	COBALT	METALS	0.975	0.944	2.1
WS05AW001	POTASSIUM	METALS	0.88	0.908	2.1
WS04AW001	COBALT	METALS	0.451	0.437	2.1
WS14AW001	ARSENIC	METALS	60.1	62	2.1
WS06AW001	NICKEL	METALS	0.602	0.621	2.1
WS04AW001	COPPER	METALS	3.63	3.52	2.0
0479TW001	CHLORODIBROMOMETHANE	VOLATILE	0.972	0.943	2.0
WS06AW001	POTASSIUM	METALS	1.01	1.04	2.0
0479TW001	URANIUM	METALS	1.04	1.01	1.9
WS08AW001	TIN	METALS	0.497	0.483	1.9
2102TW001	ARSENIC	METALS	4.99	4.85	1.9
WS05AW001	NITRATE	MISCELLANEOUS PARAMETERS	2.8	2.88	1.9
WS06AW001	ARSENIC	METALS	9.66	9.39	1.9
1450TW001	CHLORIDE	MISCELLANEOUS PARAMETERS	9.52	9.26	1.8
WS01AW001	SODIUM	METALS	2.93	2.85	1.8
0409TW001	CHLORIDE	MISCELLANEOUS PARAMETERS	73.5	71.5	1.8
WS06AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	5.42	5.57	1.8

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SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
0479TW001	CHLORIDE	MISCELLANEOUS PARAMETERS	9.99	9.72	1.8
WS07AW001	VANADIUM	METALS	9.64	9.9	1.8
0409TW001	URANIUM	METALS	11.4	11.7	1.7
0021TW001	BROMOFORM	VOLATILE	1.17	1.14	1.7
2035TW001	IRON	METALS	27.7	27	1.7
0479TW001	SULFATE	MISCELLANEOUS PARAMETERS	7.09	6.92	1.6
WS02AW001	ARSENIC	METALS	4.2	4.1	1.6
2035TW001	CHLORIDE	MISCELLANEOUS PARAMETERS	102	99.6	1.6
0021TW001	ARSENIC	METALS	7.64	7.82	1.6
WS08AW001	SODIUM	METALS	81.7	83.6	1.5
1351TW001	MAGNESIUM	METALS	22	21.5	1.5
2102TW001	IRON	METALS	968	946	1.5
0479TW001	ALUMINUM	METALS	22.1	21.6	1.5
WS11AW001	ARSENIC	METALS	39.8	38.9	1.5
WS05AW001	SODIUM	METALS	3.06	3.13	1.5
2035TW001	POTASSIUM	METALS	6.59	6.74	1.5
2035TW001	SODIUM	METALS	45.4	46.4	1.5
WS03AW001	SULFATE	MISCELLANEOUS PARAMETERS	2.28	2.33	1.5
1351TW001	CHLORIDE	MISCELLANEOUS PARAMETERS	18.7	19.1	1.4
WS09AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	144	147	1.4
1638TW001	SULFATE	MISCELLANEOUS PARAMETERS	54.1	53	1.4
0479TW001	POTASSIUM	METALS	3.99	3.91	1.3
WS08AW001	NICKEL	METALS	8.43	8.6	1.3
1351TW001	BROMOFORM	VOLATILE	3.52	3.45	1.3
WS14AW001	URANIUM	METALS	2.62	2.57	1.3
WS06AW001	SODIUM	METALS	3.67	3.74	1.3
WS12AW001	NITRATE	MISCELLANEOUS PARAMETERS	10.5	10.7	1.3
0021TW001	URANIUM	METALS	1.07	1.05	1.3
0409TW001	TETRACHLOROETHENE	VOLATILE	37.6	36.9	1.2
WS03AW001	SODIUM	METALS	2.73	2.68	1.2
WS01AW001	POTASSIUM	METALS	0.721	0.708	1.2
WS04AW001	POTASSIUM	METALS	1.1	1.12	1.2
1351TW001	CALCIUM	METALS	101	99.2	1.2
WS04AW001	NITRATE	MISCELLANEOUS PARAMETERS	2.82	2.77	1.2
1450TW001	CALCIUM	METALS	113	111	1.2
1351TW001	SODIUM	METALS	17	16.7	1.2
WS07AW001	MAGNESIUM	METALS	35.6	35	1.1
WS04AW001	SULFATE	MISCELLANEOUS PARAMETERS	11.9	11.7	1.1
0479TW001	CALCIUM	METALS	59.2	60.2	1.1
WS11AW001	CALCIUM	METALS	180	177	1.1

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SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
WS05AW001	CALCIUM	METALS	71.8	73	1.1
1638TW001	TETRACHLOROETHENE	VOLATILE	1.81	1.84	1.1
1638TW001	BERYLLIUM	METALS	0.246	0.242	1.1
0021TW001	CALCIUM	METALS	122	124	1.1
WS11AW001	MAGNESIUM	METALS	44.3	43.6	1.1
2102TW001	URANIUM	METALS	3.19	3.14	1.1
WS07AW001	ARSENIC	METALS	32	31.5	1.0
WS07AW001	CALCIUM	METALS	129	127	1.0
1450TW001	COBALT	METALS	0.0844	0.0831	1.0
WS14AW001	NITRATE	MISCELLANEOUS PARAMETERS	9.75	9.6	1.0
WS12AW001	ARSENIC	METALS	53.2	52.4	1.0
0479TW001	BROMOFORM	VOLATILE	1.33	1.31	1.0
WS04AW001	ARSENIC	METALS	20	19.7	1.0
0021TW001	SULFATE	MISCELLANEOUS PARAMETERS	8.62	8.75	1.0
2035TW001	ARSENIC	METALS	6.67	6.77	1.0
WS10AW001	CHROMIUM	METALS	3.34	3.39	1.0
WS12AW001	URANIUM	METALS	2.03	2	1.0
WS05AW001	COBALT	METALS	0.269	0.273	1.0
0479TW001	MAGNESIUM	METALS	9.5	9.64	1.0
0479TW001	COPPER	METALS	13.9	14.1	1.0
2035TW001	URANIUM	METALS	2.1	2.13	0.9
1351TW001	NITRATE	MISCELLANEOUS PARAMETERS	14.1	14.3	0.9
WS05AW001	URANIUM	METALS	0.498	0.505	0.9
WS08AW001	ARSENIC	METALS	43.9	44.5	0.9
WS06AW001	MAGNESIUM	METALS	22.7	23	0.9
2102TW001	VANADIUM	METALS	4.62	4.56	0.9
WS04AW001	SODIUM	METALS	3.84	3.89	0.9
0479TW001	NITRATE	MISCELLANEOUS PARAMETERS	6.31	6.23	0.8
WS11AW001	SODIUM	METALS	16.3	16.1	0.8
WS13AW001	SODIUM	METALS	24.5	24.8	0.8
1351TW001	SULFATE	MISCELLANEOUS PARAMETERS	25.2	25.5	0.8
2035TW001	BARIUM	METALS	16.8	17	0.8
2102TW001	COBALT	METALS	0.0935	0.0924	0.8
2035TW001	COBALT	METALS	0.798	0.807	0.7
WS12AW001	SODIUM	METALS	35.9	36.3	0.7
WS08AW001	POTASSIUM	METALS	18	18.2	0.7
WS03AW001	COBALT	METALS	0.182	0.18	0.7
WS01AW001	NITRATE	MISCELLANEOUS PARAMETERS	1.88	1.86	0.7
1638TW001	NITRATE	MISCELLANEOUS PARAMETERS	84.2	85.1	0.7
WS12AW001	COBALT	METALS	1.94	1.92	0.7
2035TW001	SULFATE	MISCELLANEOUS PARAMETERS	19.7	19.5	0.7
WS10AW001	NICKEL	METALS	2.95	2.98	0.7

TABLE 10-11

FIELD DUPLICATE PRECISION DATA FOR WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
WS12AW001	POTASSIUM	METALS	10.1	10.2	0.7
1638TW001	CALCIUM	METALS	103	104	0.6
WS05AW001	MAGNESIUM	METALS	20.7	20.9	0.6
0409TW001	NITRATE	MISCELLANEOUS PARAMETERS	105	106	0.6
WS08AW001	NITRATE	MISCELLANEOUS PARAMETERS	21	21.2	0.6
WS13AW001	ARSENIC	METALS	42.8	43.2	0.6
WS12AW001	CALCIUM	METALS	107	108	0.6
1351TW001	POTASSIUM	METALS	10.8	10.7	0.6
WS02AW001	CALCIUM	METALS	43.2	43.6	0.6
WS14AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	44.5	44.9	0.6
WS10AW001	NITRATE	MISCELLANEOUS PARAMETERS	9.23	9.15	0.6
0021TW001	CHLORIDE	MISCELLANEOUS PARAMETERS	11.9	12	0.6
2035TW001	CALCIUM	METALS	120	119	0.6
WS08AW001	URANIUM	METALS	12	12.1	0.6
1638TW001	CHLORIDE	MISCELLANEOUS PARAMETERS	85.6	86.3	0.5
WS10AW001	MAGNESIUM	METALS	24.8	24.6	0.5
WS04AW001	CALCIUM	METALS	124	125	0.5
WS06AW001	NITRATE	MISCELLANEOUS PARAMETERS	3.76	3.73	0.5
WS14AW001	CALCIUM	METALS	126	127	0.5
WS11AW001	POTASSIUM	METALS	6.49	6.44	0.5
WS06AW001	COBALT	METALS	0.26	0.258	0.5
WS07AW001	POTASSIUM	METALS	13	12.9	0.5
2102TW001	SULFATE	MISCELLANEOUS PARAMETERS	13.3	13.4	0.5
WS08AW001	COBALT	METALS	1.36	1.35	0.5
1450TW001	SODIUM	METALS	5.7	5.66	0.5
WS06AW001	CALCIUM	METALS	71.5	72	0.5
1638TW001	FLUORIDE	MISCELLANEOUS PARAMETERS	1.45	1.46	0.5
WS04AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	5.95	5.91	0.4
WS13AW001	CALCIUM	METALS	89.6	90.2	0.4
WS12AW001	MAGNESIUM	METALS	30.1	30.3	0.4
WS09AW001	MAGNESIUM	METALS	30.5	30.3	0.4
2035TW001	NITRATE	MISCELLANEOUS PARAMETERS	4.65	4.62	0.4
2102TW001	ZINC	METALS	3120	3140	0.4
1638TW001	MAGNESIUM	METALS	31.2	31.4	0.4
WS08AW001	SULFATE	MISCELLANEOUS PARAMETERS	64.1	64.5	0.4
WS04AW001	BARIUM	METALS	16.3	16.4	0.4
WS05AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	4.93	4.9	0.4

TABLE 10-11

FIELD DUPLICATE PRECISION DATA FOR WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
WS09AW001	URANIUM	METALS	3.41	3.43	0.4
WS09AW001	CALCIUM	METALS	178	177	0.4
0409TW001	GROSS BETA	RADIOLOGICAL	53.5	53.2	0.4
WS08AW001	CALCIUM	METALS	185	184	0.4
WS08AW001	ZINC	METALS	185	186	0.4
WS01AW001	COBALT	METALS	0.186	0.187	0.4
2102TW001	BROMOFORM	VOLATILE	3.86	3.84	0.3
WS01AW001	URANIUM	METALS	0.194	0.195	0.3
WS09AW001	ARSENIC	METALS	39.3	39.1	0.3
WS07AW001	BARIUM	METALS	19.8	19.7	0.3
WS02AW001	NITRATE	MISCELLANEOUS PARAMETERS	1.98	1.97	0.3
WS03AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	3.97	3.95	0.3
WS11AW001	BARIUM	METALS	20.4	20.3	0.3
WS01AW001	MAGNESIUM	METALS	4.13	4.11	0.3
WS03AW001	POTASSIUM	METALS	0.837	0.833	0.3
WS10AW001	BARIUM	METALS	20.9	21	0.3
WS02AW001	SODIUM	METALS	2.11	2.12	0.3
WS02AW001	MAGNESIUM	METALS	6.58	6.61	0.3
WS08AW001	MAGNESIUM	METALS	44.2	44.4	0.3
WS13AW001	MAGNESIUM	METALS	22.1	22.2	0.3
1450TW001	SULFATE	MISCELLANEOUS PARAMETERS	8.97	8.93	0.3
0021TW001	POTASSIUM	METALS	2.26	2.25	0.3
WS14AW001	COBALT	METALS	2.26	2.27	0.3
0021TW001	COPPER	METALS	237	238	0.3
WS14AW001	SULFATE	MISCELLANEOUS PARAMETERS	24.2	24.1	0.3
WS14AW001	SODIUM	METALS	24.4	24.3	0.3
WS03AW001	CALCIUM	METALS	50.3	50.5	0.3
WS04AW001	MAGNESIUM	METALS	25.5	25.4	0.3
WS11AW001	NITRATE	MISCELLANEOUS PARAMETERS	5.12	5.1	0.3
WS07AW001	SODIUM	METALS	51.4	51.2	0.3
WS03AW001	NITRATE	MISCELLANEOUS PARAMETERS	2.71	2.72	0.2
0021TW001	MAGNESIUM	METALS	28.1	28.2	0.2
WS09AW001	SULFATE	MISCELLANEOUS PARAMETERS	28.1	28.2	0.2
WS14AW001	MAGNESIUM	METALS	28.4	28.5	0.2
WS03AW001	ARSENIC	METALS	6.1	6.12	0.2
WS03AW001	MAGNESIUM	METALS	6.34	6.36	0.2
WS10AW001	SODIUM	METALS	31.9	31.8	0.2
0409TW001	BARIUM	METALS	6.41	6.39	0.2
1450TW001	NITRATE	MISCELLANEOUS PARAMETERS	3.2	3.21	0.2
1638TW001	SODIUM	METALS	99	99.3	0.2
0409TW001	SULFATE	MISCELLANEOUS PARAMETERS	66.8	66.6	0.2

TABLE 10-11

FIELD DUPLICATE PRECISION DATA FOR WATER DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
WS10AW001	ARSENIC	METALS	33.9	34	0.2
0021TW001	NITRATE	MISCELLANEOUS PARAMETERS	3.55	3.56	0.2
2102TW001	CHLORIDE	MISCELLANEOUS PARAMETERS	37.9	37.8	0.2
1638TW001	POTASSIUM	METALS	43.8	43.9	0.2
WS13AW001	POTASSIUM	METALS	8.78	8.8	0.2
WS07AW001	URANIUM	METALS	4.46	4.47	0.1
WS13AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	44.7	44.8	0.1
WS09AW001	NITRATE	MISCELLANEOUS PARAMETERS	9.03	9.05	0.1
WS10AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	59.9	59.8	0.1
WS10AW001	POTASSIUM	METALS	7.67	7.66	0.1
2102TW001	POTASSIUM	METALS	8.8	8.81	0.1
0021TW001	SODIUM	METALS	7.28	7.28	0.0
1450TW001	MAGNESIUM	METALS	26.5	26.5	0.0
1450TW001	POTASSIUM	METALS	1.64	1.64	0.0
1638TW001	GROSS BETA	RADIOLOGICAL	54.1	54.1	0.0
2035TW001	MAGNESIUM	METALS	23.6	23.6	0.0
2102TW001	CALCIUM	METALS	102	102	0.0
2102TW001	MAGNESIUM	METALS	15.4	15.4	0.0
2102TW001	NITRATE	MISCELLANEOUS PARAMETERS	11.8	11.8	0.0
2102TW001	SODIUM	METALS	21.6	21.6	0.0
WS01AW001	CALCIUM	METALS	49.3	49.3	0.0
WS02AW001	POTASSIUM	METALS	0.626	0.626	0.0
WS02AW001	THALLIUM	METALS	1.08	1.08	0.0
WS07AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	102	102	0.0
WS07AW001	NITRATE	MISCELLANEOUS PARAMETERS	14	14	0.0
WS08AW001	CHLORIDE	MISCELLANEOUS PARAMETERS	163	163	0.0
WS09AW001	POTASSIUM	METALS	11.1	11.1	0.0
WS09AW001	SODIUM	METALS	71.4	71.4	0.0
WS10AW001	CALCIUM	METALS	161	161	0.0
WS13AW001	NITRATE	MISCELLANEOUS PARAMETERS	10.6	10.6	0.0
WS14AW001	POTASSIUM	METALS	10.1	10.1	0.0

TABLE 10-12

FIELD DUPLICATE PRECISION DATA FOR SOIL DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
0198SS0010006	TOLUENE	VOLATILE	0.0233	0.00982	47.8
1132SS0010006	SELENIUM	METALS	0.163	0.0911	34.5
1132SS0010006	NICKEL	METALS	2.87	4.04	23.9
0894SS0010006	TOTAL TCDD	DIOXINS/FURANS	4.9	3.4	22.7
2060SS0010006	CADMIUM	METALS	0.4	0.544	21.4
2060SS0010006	CHROMIUM	METALS	9.62	7.42	16.5
1132SS0010006	TIN	METALS	1.95	2.43	15.2
0198SS0010006	CHROMIUM	METALS	5.41	6.72	14.9
1132SS0010006	CHROMIUM	METALS	5.33	6.61	14.8
1132SS0010006	COPPER	METALS	12.3	15.2	14.6
2060SS0010006	VANADIUM	METALS	43.3	34.7	14.2
0198SS0010006	CADMIUM	METALS	0.576	0.465	13.7
0894SS0010006	ZINC	METALS	58.7	71.4	13.5
0198SS0010006	1,2,3,4,6,7,8,9-OCDD	DIOXINS/FURANS	17	14	12.5
0894SS0010006	THALLIUM	METALS	2.22	1.85	11.8
0894SS0010006	ARSENIC	METALS	13.5	15.9	11.2
1132SS0010006	ALUMINUM	METALS	28800	33900	11.1
2060SS0010006	IRON	METALS	17400	14700	10.9
1132SS0010006	VANADIUM	METALS	29.7	34.7	10.6
2060SS0010006	TIN	METALS	2.33	1.98	10.5
1132SS0010006	1,2,3,4,6,7,8-HPCDD	DIOXINS/FURANS	30	35	10.5
0894SS0010006	BERYLLIUM	METALS	5.5	6.4	10.3
1132SS0010006	ZINC	METALS	56.1	65.1	10.2
1132SS0010006	IRON	METALS	15000	17400	10.1
0894SS0010006	VANADIUM	METALS	44.2	50.9	9.6
1132SS0010006	BERYLLIUM	METALS	2.98	3.43	9.6
0198SS0010006	SELENIUM	METALS	0.165	0.189	9.2
0198SS0010006	THALLIUM	METALS	2.02	2.3	8.8
0198SS0010006	COPPER	METALS	30.4	34.5	8.6
0894SS0010006	CADMIUM	METALS	0.311	0.352	8.4
0894SS0010006	SILVER	METALS	0.22	0.194	8.2
0198SS0010006	TOTAL TCDD	DIOXINS/FURANS	3.5	3.1	7.9
1132SS0010006	LEAD	METALS	32	28.4	7.8
1132SS0010006	BARIUM	METALS	364	407	7.6
0894SS0010006	ALUMINUM	METALS	49400	55200	7.5
0894SS0010006	NICKEL	METALS	4.22	4.71	7.5
0198SS0010006	SILVER	METALS	0.11	0.122	7.0
1132SS0010006	MANGANESE	METALS	459	505	6.5
0198SS0010006	MANGANESE	METALS	663	726	6.1
0198SS0010006	NICKEL	METALS	7.64	8.36	6.1
0198SS0010006	LEAD	METALS	39.7	43.2	5.7
0894SS0010006	CHROMIUM	METALS	5.18	4.75	5.7
0894SS0010006	MANGANESE	METALS	698	759	5.7
2060SS0010006	BARIUM	METALS	196	180	5.6
1132SS0010006	CADMIUM	METALS	0.403	0.437	5.5
0198SS0010006	ZINC	METALS	71.4	77.2	5.3
2060SS0010006	COBALT	METALS	4.5	4.17	5.0
0894SS0010006	IRON	METALS	23800	25600	4.9
2060SS0010006	ALUMINUM	METALS	25400	23600	4.8
0198SS0010006	BERYLLIUM	METALS	5.82	5.42	4.7

TABLE 10-12

FIELD DUPLICATE PRECISION DATA FOR SOIL DATA
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

SAMPLE ID	PARAMETER	FRACTION	ORIGINAL RESULT	DUPLICATE RESULT	RELATIVE PERCENT DIFFERENCE
1132SS0010006	ARSENIC	METALS	5.43	5.82	4.7
2060SS0010006	BERYLLIUM	METALS	3.2	2.99	4.5
1132SS0010006	SILVER	METALS	2.19	2.34	4.5
1132SS0010006	ANTIMONY	METALS	0.43	0.457	4.1
0198SS0010006	ANTIMONY	METALS	0.61	0.575	3.9
2060SS0010006	LEAD	METALS	32.7	30.9	3.7
1132SS0010006	COBALT	METALS	3.87	4.09	3.7
0198SS0010006	COBALT	METALS	6.9	7.27	3.5
0198SS0010006	ARSENIC	METALS	14.3	13.6	3.3
1132SS0010006	1,2,3,4,6,7,8,9-OCDD	DIOXINS/FURANS	210	200	3.2
2060SS0010006	MANGANESE	METALS	421	401	3.2
0894SS0010006	COBALT	METALS	5.41	5.67	3.2
0198SS0010006	ALUMINUM	METALS	46400	44600	2.6
2060SS0010006	COPPER	METALS	44.2	45.8	2.4
0894SS0010006	ANTIMONY	METALS	0.609	0.631	2.4
0198SS0010006	IRON	METALS	22800	22000	2.4
0894SS0010006	TIN	METALS	3.22	3.32	2.0
0894SS0010006	COPPER	METALS	15.4	15.8	1.7
0894SS0010006	SELENIUM	METALS	0.18	0.176	1.5
2060SS0010006	ANTIMONY	METALS	0.476	0.485	1.3
0894SS0010006	LEAD	METALS	39.9	40.6	1.2
1132SS0010006	TOTAL HPCDD	DIOXINS/FURANS	57	58	1.2
2060SS0010006	SELENIUM	METALS	0.128	0.13	1.0
2060SS0010006	ARSENIC	METALS	14.3	14.1	0.9
2060SS0010006	ZINC	METALS	59	59.8	0.9
0198SS0010006	VANADIUM	METALS	50.8	50.4	0.5
0198SS0010006	TIN	METALS	3.39	3.41	0.4
2060SS0010006	NICKEL	METALS	3	2.99	0.2
0198SS0010006	BARIUM	METALS	332	331	0.2
0894SS0010006	BARIUM	METALS	415	416	0.2

11.0 CONCLUSIONS

The principal objective of this Phase II ETSA was as a part of a broader PHE to identify and characterize contaminants in ambient air, soil, tap water, and soil gas at residences where United States military and civilian personnel and their families reside in the Naples area of Campania that could be associated with the illicit or illegal burning of trash of handling of hazardous waste. The results of the investigation were intended to be used in a screening evaluation to determine whether exposure to ambient air, soil, tap water, and indoor air potentially pose unacceptable risks, based on USEPA guidelines and if additional investigation is warranted to evaluate overall risk to residents (**Volume II**).

Phase I ETSA results (**Tetra Tech 2009a**) triggered several investigation. On a regional scale, activities included a year-long regional AA study across the nine study areas for this investigation and the collection of ASG, tap water, soil, and AA samples from residential properties in this region where U.S. personnel in support of the Navy live or may live. On a local scale, activities included the delineation of a contamination zone in Casal di Principe (Study Area 8), assessment of homes in Villa Literno (Study Area 5) where the principal residential source of water is groundwater contaminated with PCE, further assessment of homes where PSG data indicated unacceptable risks, collection of aqueduct water samples that supply the region, and assessment of potential vapor intrusion in buildings at Capodichino and the Support Site.

The following sections present the conclusions based on the results of the Phase II investigation.

11.1 AMBIENT AIR QUALITY AND METEOROLOGICAL INVESTIGATION

The results of the ambient air quality investigation indicated that concentrations of air contaminants detected across the region are typical of what is commonly detected in United States urban environments (**Tetra Tech 2010a**). Air samples were analyzed for VOCs, SVOCs, dioxins and furans, pesticides, PCBs, PM_{10}, PM_{10} metals, mercury vapor, and aldehydes. Many of the chemicals that were detected in air at concentrations greater than residential AA RSLs can be attributed to automobile engine exhaust and industrial emissions. Moreover, no significant correlation could be drawn between air contaminant concentrations and noted observations of illicit or illegal trash burning.

Of the 211 chemicals measured at the nine air monitoring stations, 60 chemicals were detected at concentrations greater than residential ambient air RSLs. Of those 60 chemicals, five were present at concentrations that were greater than acceptable risk levels as defined by the PHE Project Team. These chemicals included acrolein, 1,2-dibromo3-chloropropane, formaldehyde, 1,2-dichloropropane, and chromium. Acrolein concentrations in Naples were typically greater than what is found in the United

States. However, acrolein is attributable to diesel engine exhaust, which is more prevalent in Europe than the U.S. because privately owned vehicles in Europe are much more likely to be powered by diesel engines than in the U.S.

Over the course of the year-long regional ambient air study, there were 13 exceedances of the particulate matter (PM10) criteria pollutant standard out of 436 samples reported. There were no exceedances of National Ambient Air Quality Standards (NAAQS) for gas phase criteria pollutants, which include sulfur dioxide, nitrogen monoxide, nitrogen dioxide, nitrogen oxides, carbon monoxide, and ozone.

11.2 PHASE II RESIDENTIAL SAMPLING

The objective of the Phase II investigation was to perform a regional screening evaluation to evaluate the potential impacts and risks to U.S. Navy and civilian personnel residing in the Naples area of Campania that may be attributed to the historical illegal and illicit waste disposal activities in this region. The principal components of this regional screening assessment included sampling at residential properties across Campania to achieve spatial coverage in each of nine study areas defined for this project, and collect a sufficient number of samples to determine with confidence whether a the risks within a study area exceeded the risk criteria developed on this project to be protective of human health and to delineate clusters of properties with exceedances of the risk criteria protective of human health. To achieve these objectives, Tetra Tech environmental technicians collected ASG, tap water, soil samples, and residential ambient air samples from selected residential sampling locations.

VOCs were detected in all of the ASG samples collected from 177 residences across all nine study areas. Concentrations of VOCs exceeded soil gas RSLs in ASG samples collected from all study areas, with 23 VOCs detected at concentrations greater than soil gas RSLs across the entire region. Concentrations of seven VOCs exceeded the soil gas RSLs in greater than 15 percent of the samples. These included PCE, acrolein, chloroform, benzene, ethylbenzene, 1,2-dichloropropane, and hexachlorobutadiene. When applying the ten-times attenuation factor to each soil gas concentration and comparing it to the 95th percentile regional AA concentration, 64 of the 175 residences had at least one contaminant concentration greater than the 95th percentile regional AA concentration. In 17 of these 64 residences, trihalomethanes are the only contaminants with attenuated concentrations that exceed the 95th percentile regional AA concentration, which could be attributable to disinfectant byproducts in municipal water. In 20 of these 64 residences, attenuated concentrations of other contaminants are less than two times greater than the 95th percentile regional AA concentration, which could be within the margin of error for laboratory analysis. Although all detected concentrations of acrolein exceeded its soil gas RSL, no attenuated concentration exceeded its 95th percentile regional AA concentration.

In tap water samples, PCE, arsenic, and nitrate were detected across the nine study areas at concentrations greater than MCLs. PCE concentrations exceeded its MCL in Study Areas 5 and 8; arsenic concentrations exceeded its MCL in Study Areas 1 and 5; nitrate concentrations exceeded its MCL in Study Areas 6, 7, and 8. Lead was detected at concentrations greater than its action level in Study Areas 1, 2, 3, 6, 8, and 9. Copper was detected at concentrations greater than its action level in Study Areas 6 and 8. Trihalomethanes and dioxins were ubiquitous in water samples, but were not detected at concentrations greater than MCLs in any sample. Pesticides and PCBs were not detected in any water sample.

Overall, arsenic and cPAHs were the only contaminants detected at concentrations greater than residential soil RSLs across the study areas; however, detected concentrations of arsenic and cPAHs are consistent with concentrations in other urban or volcanic environments (ATSDR, 2007; ATSDR, 1996; Tetra Tech 2009c). Dioxins/furans, VOCs, SVOCs, and metals were frequently detected in soil but always at concentrations less than residential soil RSLs. Pesticides were infrequently detected and their concentrations were always less than residential soil RSLs. PCBs were not detected in any soil samples.

PCE was detected at concentrations greater than its soil gas RSL in at least 40 percent of the samples within each study area. Overall, 14 percent of all ASG samples had attenuated PCE concentrations greater than the 95th percentile regional AA concentration; this was the greatest frequency of all the compounds. Study Areas 6 and 8 had the greatest percentage of samples (30 percent) where PCE was detected in soil gas at concentrations greater than it soil gas RSL. Across all nine study areas, PCE was detected in tap water samples at concentrations greater than its RSL; however it was detected at concentrations greater than its MCL in well water samples in Study Areas 5 and 8. The direct correlation between MCL exceedances and exceedance of regional AA concentrations by soil gas is weak.

A higher density of regional AA exceedances by attenuated soil gas concentrations and of tap water RSLs and MCLs by tap water concentrations is evident in the New Lease Suspension Zone in Study Area 8 seem to correspond to the higher density of dump sites in this area. A similar conclusion could be drawn for soil gas and tap water data in the southeast corner of Study Area 6. However, these type of correlations are not as evident across the region. It appears that contamination in soil gas or tap water is random.

11. 3 STEP-OUT SAMPLING

As a separate component of the Phase II study, Tetra Tech performed a step-out sampling investigation that involved identifying residential locations within 1,500 feet of Phase I properties sampled in Casal di Principe (located in Study Area 8) where results indicated a potential groundwater contamination concern.

The groundwater investigation was initiated because tap water samples (primarily well water) collected from homes in this area had concentrations of PCE at concentrations greater than RSLs.

To determine whether groundwater contamination was present at other homes in the vicinity of these Phase I residential properties with "unacceptable" PCE tap water concentrations, Tetra Tech initially collected tap water at properties located within a 500-foot radius of these "unacceptable" properties. All eleven 500-foot step-out properties sampled were found also to be judged as "unacceptable" because PCE concentrations in tap water from these properties exceeded MCLs. As a result of these findings, the Project Team decided to expand the step-out sampling to a radius of 1,500 feet. Tetra Tech environmental technicians collected water samples from fifteen 1,500-foot step-out properties. Water samples collected from all but one of these fifteen 1,500-foot step out properties had PCE concentrations greater than its RSL and 6 of the 15 properties had PCE concentrations greater than its MCL.

Tetra Tech environmental technicians also collected ASG samples at 25 residences within this 1,500-foot step-out area, including the 15 residences where water samples were previously collected. Co-located residential AA samples were also collected at 11 of the 25 properties. PCE was prevalent in the ASG samples with concentrations greater than the ASG RSL at 23 of 25 residences. PCE was also present in soil gas at concentrations greater than the 95th percentile regional AA concentrations collected during the Phase II ambient air quality sampling investigation (**Section 2.0**). Of the 25 sampled residences, 23 residences had at least one contaminant with an ASG concentration greater than the 95th percentile regional AA concentration. However, only 13 of the 25 residences had attenuated contaminant concentrations greater than the 95th percentile regional AA concentration. Attenuated concentrations accounts for the 10-times reduction in concentration that is assumed to occur because of vapor intrusion between subsurface soil gas and indoor air.

PCE was prevalent at concentrations greater than screening criteria in the water and soil gas step-out samples. At all 500-foot and 1500-foot step-out properties where PCE was detected in water at concentrations greater than its tap water RSL, PCE was also detected in soil gas at concentrations greater than its soil gas RSL. At all properties where PCE was detected in water at concentrations greater than its MCL, PCE was also detected in soil gas at concentrations greater than 10 times its soil gas RSL.

11. 4 VILLA LITERNO ASG AND TAP WATER SAMPLING

Villa Literno is a *comune* located in Study Area 5. Two homes sampled in this *comune* had PCE concentrations in water samples that resulted in risks greater than the investigation's acceptable risk criteria. Because a majority of the homes in Villa Literno were recognized as obtaining their drinking water from private wells, the Project Team decided to sample homes within Villa Literno for ASG and for

tap water if it could be reasonably be determined that the tap water supply was from a private well. At three of the four sampled properties, field personnel also collected concurrent ambient air samples.

PCE was detected in water samples greater than its tap water RSL at all four properties and greater than its MCL at three properties. At the four properties where PCE was detected in water at concentrations greater than its tap water RSL, PCE was also detected in soil gas. At the three properties where PCE was detected in water at concentrations greater than its MCL, PCE was detected in soil gas at a concentration greater than its soil gas RSL at one residence and at concentrations greater than 10 times its soil gas RSL at two residences.

11.5 ASG SAMPLING OF PHASE I RESIDENCES EXCEEDING RISK CRITERIA DUE TO PSG RESULTS

During the Phase I investigation, soil gas sampling was conducted using passive collection techniques. These semi-quantitative soil gas results, in combination with results from other sampled media, resulted in exceedances of the risk criteria established for this project at seven Phase I homes. To confirm these risk criteria exceedances, ASG results were collected from these seven properties. PCE was detected in all seven ASG samples at concentrations greater than ten times its ASG RSL. However, no direct correlation was evident between the presence of contaminants in PSG and ASG samples. PCE was not always detected at concentrations greater than RSLs in PSG samples.

11.6 AQUEDUCT SAMPLING

Tetra Tech sampled 14 upgradient aqueduct locations in the Campania region. The 14 sampling locations supply municipal water to the nine study areas where U.S. Navy civilian and military personnel reside. The Protezione Civile Campania Regione (Italian Water Authority for Campania Italy) selected the sampling locations and personnel from *ARIN* Laboratories, under contract to the Italian Water Authority, were also present and collected water samples at five locations. VOCs, dioxins/furans, and metals were detected in the water samples.

The samples collected by Tetra Tech represent untreated and unfiltered water. Of the 14 samples collected, arsenic concentration were greater than its MCL in nine samples. Fecal coliform was detected in two samples and total coliform was detected in four samples. In accordance with Italian regulations, this water would undergo treatment by local municipal water authorities.

11.7 VAPOR INTRUSION INVESTIGATION AT CAPODICHINO AND THE GRICIGNANO SUPPORT SITE

The presence of VOCs in water samples collected from irrigation wells at Capodichino and Gricignano Support Site suggested that vapor intrusion could be a potential contaminant transport pathway at these sites. Specifically, PCE was frequently detected in the irrigation well water at concentrations greater than its tap water RSL. Therefore, the Navy initiated a vapor intrusion investigation at these two installations.

Based on initial ASG results and building survey findings, Tetra Tech collected additional ASG samples at the two installations and selected the Capodichino Child Development Center (CDC) and the Support Site High School for IAQ sampling. The results of the vapor intrusion investigation indicated that the CDC was the only location where PCE in indoor air was potentially present because of vapor intrusion, but the risks associated with these concentrations were within acceptable levels as defined for this project. However, because of children's sensitivity to chemical exposure and the uncertainty associated with the nature and extent of PCE concentrations in groundwater at Capodichino, the Navy authorized the design and installation of a vapor intrusion mitigation system for the CDC. No PCE was detected in the IAQ samples collected at the Support Site High School.

11.8 RADIONUCLIDE SPECIATION OF WATER SAMPLES

Of the 603 water samples collected as part of this investigation, 37 samples were selected for radionuclide speciation analyses because their gross beta concentrations exceeded 8 pCi/L. None of these samples was selected for speciation because of gross alpha activity exceeding its criterion. Of those samples selected for speciation because of exceeding the gross beta activity action level, all had its gross beta activity less than its criterion. There was one sample where speciation information was inconclusive because gross beta activity was not concurrently analyzed with the individual radionuclide activities.

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APPENDIX A
FIELD LOG SHEETS

SOIL GAS SAMPLE LOGS

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0004SG001-NS**
Location ID: 0004
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1Sample planned for 2/18/2009. Sample not collected and marked as "CNX" on schedule.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0010SG001**
Location ID: 0010
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3125
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/13/09

Leak Test

Leak Test Start Date	03/18/2009	Leak Test Start Time	10:22
Leak Test End Date	03/18/2009	Leak Test End Time	10:27
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
03/18/09	10:30	NA	-29	Negative air flow	14	N/A	Start Sample
03/18/09	10:42	NA	-24	Negative air flow	12	N/A	None
03/18/09	11:01	NA	-16	Negative air flow	12	N/A	None
03/18/09	11:25	NA	-6.5	Negative air flow	13	N/A	None
03/18/09	11:35	NA	-2	Negative air flow	12	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
10:30	11:35	65.0	6	92.31	Negative air flow	NA	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/18/09	11:35	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-137

General Notes

Size: 1Sample location is a three-story apartment/townhouse. The address given is Via Coste di Cuma #77 however there is no house number visible. There is a spray-painted no. 25 near the gate for future reference. Telephonic contact with LL and US Tenent confirmed location's validity. Sample team scouted location and set up for a sub-slab in the garage (ground floor). Sample team drilled through 6 in of concrete and another 6 in. of compacted soil. Sub-slab set up used Teflon tubing with the inlet set at approx. 1 ft.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0021SG001**
Location ID: 0021
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Chuck Meyer,Roberta Durante,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.0	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.1	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	2288
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	03/09/2009	Leak Test Start Time	10:22
Leak Test End Date	03/09/2009	Leak Test End Time	10:27
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	75

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/09/09	10:30	NA	-29	Negative air flow	9	N/A	None
03/09/09	10:42	NA	-24	Negative air flow	10	N/A	None
03/09/09	10:51	NA	-20	Negative air flow	8	N/A	None
03/09/09	11:01	NA	-16	Negative air flow	10	N/A	None
03/09/09	11:10	NA	-12	Negative air flow	11	N/A	None
03/09/09	11:22	NA	-7	Negative air flow	11	N/A	None
03/09/09	11:30	NA	-4	Negative air flow	12	N/A	None
03/09/09	11:37	NA	-2	Negative air flow	12	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:30	11:37	67.0	6	89.55	Negative air flow	NA	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/09/09	11:37	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-120

General Notes

Size: 1Sample collected below concrete near front door of rental apartment.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0024SG001**
Location ID: 0024
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3163
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/05/09

Leak Test

Leak Test Start Date	03/21/2009	Leak Test Start Time	11:36
Leak Test End Date	03/21/2009	Leak Test End Time	11:41
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/21/09	11:35	NA	-29	Negative air flow	16	N/A	START SAMPLE
03/21/09	11:51	NA	-23	Negative air flow	15	N/A	None
03/21/09	12:12	NA	-15	Negative air flow	15	N/A	None
03/21/09	12:34	NA	-5	Negative air flow	15	N/A	None
03/21/09	12:42	NA	-2	Negative air flow	15	N/A	end sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:35	12:42	67.0	6	89.55	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/21/09	12:42	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-147

General Notes

Size: 1Sample location is a 3-story villa. Sample team scouted exterior of sample location and determined that home was surrounded by tiling. LL insisted that lawn area was only area a sample could be taken. Sampling took place as a near-slab approx. 10 ft. from Bldg. exterior in the backyard area. Sample team drove a stainless steel soil-vapor probe down approx. 6 ft. down into lawn. Lawn is approx. 10-12 ft above grade. Houses in this area are all terraced in similar fashion. Sample team was unable to sample closer to foundation. During sampling Agip delivered gas to the residence filling their tank--included for completeness.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0082SG001**
Location ID: 0082
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.0	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.1	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3226
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/11/09

Leak Test

Leak Test Start Date	02/25/2009	Leak Test Start Time	09:50
Leak Test End Date	02/25/2009	Leak Test End Time	9:55
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	2600

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/25/09	9:57	NA	-30	Negative air flow	15	N/A	None
02/25/09	10:14	NA	-24	Negative air flow	14	N/A	None
02/25/09	10:35	NA	-14.5	Negative air flow	16	N/A	None
02/25/09	10:42	NA	-11	Negative air flow	17	N/A	None
02/25/09	10:52	NA	-8	Negative air flow	16	N/A	None
02/25/09	11:02	NA	-4	Negative air flow	17	N/A	None
02/25/09	11:07	NA	-2	Negative air flow	17	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:57	11:07	70.0	6	85.71	Negative air flow	NA	-2	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/25/09	11:07	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-99

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0085SG001**
Location ID: 0085
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.1	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3251
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/12/09

Leak Test

Leak Test Start Date	03/03/2009	Leak Test Start Time	14:12
Leak Test End Date	03/03/2009	Leak Test End Time	14:18
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	300

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/03/09	14:21	NA	-30	Negative air flow	14	N/A	None
03/03/09	14:31	NA	-26	Negative air flow	13	N/A	None
03/03/09	14:51	NA	-17	Negative air flow	12	N/A	None
03/03/09	15:01	NA	-13	Negative air flow	13	N/A	None
03/03/09	15:10	NA	-9	Negative air flow	13	N/A	None
03/03/09	15:21	NA	-5	Negative air flow	13	N/A	None
03/03/09	15:31	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:21	15:31	70.0	6	85.71	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/03/09	15:31	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-110

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0104SG001**
Location ID: 0104
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Chuck Conrad
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3132
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	10/11/08

Leak Test

Leak Test Start Date	01/27/2009	Leak Test Start Time	14:18
Leak Test End Date	01/27/2009	Leak Test End Time	14:23
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/27/09	14:46	NA	-25	Negative air flow	9	N/A	None
01/27/09	14:55	NA	-21	Negative air flow	9	N/A	None
01/27/09	15:04	NA	-17	Negative air flow	9	N/A	None
01/27/09	15:17	NA	-11	Negative air flow	9	N/A	None
01/27/09	15:25	NA	-8	Negative air flow	9	N/A	None
01/27/09	15:34	NA	-5	Negative air flow	9	N/A	None
01/27/09	15:43	NA	-2	Negative air flow	9	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:46	15:43	57.0	6	105.26	Negative air flow	NA	-2	9	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/27/09	15:43	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-54

General Notes

Size: 1The sample was collected from an open air parking lot located below the building. The only area covered and enclosed was the lobby which was tiled. The sample was collected by drilling through 3 inches of asphalt and 6 inches of concrete and driving the soil vapor probe to 3.5 feet where it hit refusal. The sample location was back filled leak tested and sampled.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0114SG001**
Location ID: 0114
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Robin Clark,Chuck Conrad,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC 20
Sample Canister	Yes	Sample Canister Serial Number	3069
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/08/08

Leak Test

Leak Test Start Date	01/10/2009	Leak Test Start Time	09:55
Leak Test End Date	01/10/2009	Leak Test End Time	10:10
Leak Test Duration (min)	15	Leak Test Volume (L)	3
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/10/09	10:14	NA	-29	Negative air flow	10	N/A	Start Sample
01/10/09	11:16	NA	-2	Negative air flow	10	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:14	11:16	62.0	6	96.77	Negative air flow	NA	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/10/09	11:19	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-21

General Notes

Size: 2Tedlar bag leaked during leak test. Discovered 8 minutes into test. Replaced bag and continued leak test. Probably purged 3 L during leak test.
Coordinates verified at address on 8/29/09 by RD (original sampler).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0120SG001**
Location ID: 0120
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.4	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3233
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/13/08

Leak Test

Leak Test Start Date	02/04/2009	Leak Test Start Time	14:06
Leak Test End Date	02/04/2009	Leak Test End Time	14:11
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	325

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/04/09	14:15	na	-29.5	Negative air flow	17	N/A	Start sample
02/04/09	14:37	na	-21	Negative air flow	10	N/A	None
02/04/09	14:48	na	-16	Negative air flow	10	N/A	None
02/04/09	14:57	na	-13	Negative air flow	10	N/A	None
02/04/09	15:07	na	-8.5	Negative air flow	10	N/A	None
02/04/09	15:17	na	-5	Negative air flow	10	N/A	None
02/04/09	15:25	na	-2	Negative air flow	10	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:15	15:25	70.0	6	85.71	Negative air flow	na	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/04/09	15:30	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-62

General Notes

Size: 1Sample taken in one room basement. The floor was completely tiled except for a 2 x 2 x 2 foot hole in the floor. The hole was completely finished with concrete and did not serve as a drain.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0167SG001**
Location ID: 0167
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Roberta Durante,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3064
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	03/23/2009	Leak Test Start Time	14:32
Leak Test End Date	03/23/2009	Leak Test End Time	14:39
Leak Test Duration (min)	7	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	142.86	Results of Leak Test (ppm-He)	150

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/23/09	14:40	NA	-30	Negative air flow	14	N/A	None
03/23/09	14:57	NA	-23.5	Negative air flow	13.5	N/A	None
03/23/09	15:08	NA	-19	Negative air flow	13.5	N/A	None
03/23/09	15:18	NA	-15	Negative air flow	13.5	N/A	None
03/23/09	15:38	NA	-7	Negative air flow	13	N/A	None
03/23/09	15:52	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:40	15:52	72.0	6	83.33	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/23/09	15:52	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-149

General Notes

Size: 2Sample collected as a near-slab in the stone walkway just off the tile area in front of the entrance to the house. The house is split into 2 units one where the landlord lives (to the right when facing the house) and the other to be rented (to the left). Sample was collected in front of the house to be rented (see sketch).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0168SG001-NS**
Location ID: 0168
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1No Sample taken. Sample team arrived and interviewed LL. During the interview process for sampling it was determined that this person owned a single apartment (4th floor) in the building and not the whole property. According to this person there are 7 other LL who own apartments in this building. At the time of the appointment there was no chance to get the other LL's signatures. This LL was advised to make another appointment when other signatures were obtained and Housing was notified to make contact with this LL to make a new appointment. Sample team scouted sample location and determined that a sub-slab was not possible but there might be a chance for a near-slab in the front but would need input from LLs about certain utility lines (water) in area of potential sampling. Bldg is surrounded on two sides by vehicle thoroughfares and the frontage having a small covered courtyard that might be possible sampling location. The fourth side is also used for parking and may have limited traffic. Utility lines surround bldg on three sides within approx. 4 ft. of foundation. The front has water lines but Sample Team feels certain that a sample location closer than 4 ft could be found.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0171SG001**
Location ID: 0171
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso,Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3753
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/16/09

Leak Test

Leak Test Start Date	07/06/2009	Leak Test Start Time	10:31
Leak Test End Date	07/06/2009	Leak Test End Time	10:38
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	200

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/06/09	10:39	NA	-30	Negative air flow	33	N/A	None
07/06/09	10:59	NA	-22	Negative air flow	27	N/A	None
07/06/09	11:09	NA	-18	Negative air flow	27	N/A	None
07/06/09	11:19	NA	-14	Negative air flow	28	N/A	None
07/06/09	11:29	NA	-10	Negative air flow	27	N/A	None
07/06/09	11:39	NA	-6	Negative air flow	28	N/A	None
07/06/09	11:51	NA	-2	Negative air flow	28	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:39	11:51	72.0	6	83.33	Negative air flow	NA	-2	28	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/06/09	11:51	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-264

General Notes

Size: 1The sample was taken as a near slab due to tiling in the home.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0171AA001**
Location ID: 0171
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso,Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	0	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3066
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/28/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/06/09	10:43	NA	-30	Negative air flow	33	N/A	None
07/06/09	11:03	NA	-23	Negative air flow	27	N/A	None
07/06/09	11:13	NA	-19	Negative air flow	28	N/A	None
07/06/09	11:23	NA	-15	Negative air flow	28	N/A	None
07/06/09	11:33	NA	-10	Negative air flow	28	N/A	None
07/06/09	11:43	NA	-6	Negative air flow	28	N/A	None
07/06/09	11:57	NA	-2	Negative air flow	28	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:43	11:57	74.0	6	81.08	Negative air flow	NA	-2	28	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/06/09	11:57	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-264

General Notes

Size: 2The sample was collected from the garden area located up gradient and accross the parking area from sample 0171SG001. Approximately 90 feet from the gate in the wall leading to the parking area 95 feet from the garage area and 4 feet 8 inches from the back wall of the garden at a height of approximately 5 feet. The sample was collected using the regulator with a teflon lined piece of PE tubing to reach the height of 6 feet.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0180SG001**
Location ID: 0180
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3754
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/05/09

Leak Test

Leak Test Start Date	03/20/2009	Leak Test Start Time	10:35
Leak Test End Date	03/20/2009	Leak Test End Time	10:44
Leak Test Duration (min)	9	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	222.22	Results of Leak Test (ppm-He)	75

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/20/09	10:45	NA	-30	Negative air flow	8	N/A	None
03/20/09	10:56	NA	-26	Negative air flow	8	N/A	None
03/20/09	11:05	NA	-22	Negative air flow	8.5	N/A	None
03/20/09	11:15	NA	-18	Negative air flow	8.5	N/A	None
03/20/09	11:25	NA	-14	Negative air flow	8.5	N/A	None
03/20/09	11:34	NA	-10	Negative air flow	8	N/A	None
03/20/09	11:43	NA	-6	Negative air flow	9	N/A	None
03/20/09	11:54	NA	-2	Negative air flow	9	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:45	11:54	69.0	6	86.96	Negative air flow	NA	-2	9	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/20/09	11:55	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-147

General Notes

Size: 3Sample collected as a near-slab in the concrete walkway next to Bldg. "B" (small bldg. in back of the main bldg.) where TW sample is being collected in "Int." 11 (Son currently occupies
but will be leased to American sometime in future). "Int." 10 is currently a storage area but may also be leased in the future. Sample collected within approx. 2 feet of bldg. footprint.
Landlord owns all bldgs. walkways and driveways within the area.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0198SG001**
Location ID: 0198
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	4	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC22
Sample Canister	Yes	Sample Canister Serial Number	3756
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/11/08

Leak Test

Leak Test Start Date	01/10/2009	Leak Test Start Time	13:41
Leak Test End Date	01/10/2009	Leak Test End Time	13:46
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	75

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/10/09	13:53	NA	-30	Negative air flow	NA	N/A	None
01/10/09	14:03	NA	-27.5	Negative air flow	NA	N/A	None
01/10/09	14:13	NA	-23	Negative air flow	NA	N/A	None
01/10/09	14:23	NA	-19	Negative air flow	NA	N/A	None
01/10/09	14:33	NA	-14	Negative air flow	NA	N/A	None
01/10/09	14:43	NA	-10	Negative air flow	NA	N/A	None
01/10/09	14:53	NA	-6	Negative air flow	NA	N/A	None
01/10/09	15:04	NA	-2	Negative air flow	NA	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:53	15:04	71.0	6	84.51	Negative air flow	NA	-2	NA	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/10/09	15:04	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-21

General Notes

Size: 1The sample was collected as a near slab from the wine cellar from between pavers approximately 18 inches square with dirt space between them to allow for the soil gas probe to be driven to a depth of 4 feet.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0199SG002**
Location ID: 0199
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) Mike Jaynes,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3061
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/12/09

Leak Test

Leak Test Start Date	03/28/2009	Leak Test Start Time	10:32
Leak Test End Date	03/28/2009	Leak Test End Time	10:40
Leak Test Duration (min)	8	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	50

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/28/09	10:41	NA	-30	Negative air flow	13	N/A	None
03/28/09	10:54	NA	-24	Negative air flow	14	N/A	None
03/28/09	11:09	NA	-18	Negative air flow	13	N/A	None
03/28/09	11:28	NA	-10	Negative air flow	15	N/A	None
03/28/09	11:47	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:41	11:47	66.0	6	90.91	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/28/09	11:47	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-159

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0227SG001**
Location ID: 0227
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC23
Sample Canister	Yes	Sample Canister Serial Number	3261
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	09/17/08

Leak Test

Leak Test Start Date	01/31/2009	Leak Test Start Time	13:26
Leak Test End Date	01/31/2009	Leak Test End Time	13:32
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/31/09	13:35	NA	-30	Negative air flow	10	N/A	Start Sample
01/31/09	13:45	NA	-26	Negative air flow	10	N/A	None
01/31/09	14:03	NA	-18	Negative air flow	10	N/A	None
01/31/09	14:16	NA	-13	Negative air flow	10	N/A	None
01/31/09	14:27	NA	-9	Negative air flow	10	N/A	None
01/31/09	14:47	NA	-2	Negative air flow	10	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:35	14:47	72.0	6	83.33	Negative air flow	NA	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/31/09	14:49	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-59

General Notes

Size: 1A 2-story villa with a small basement previously sampled twice for water. Address given to sample team was Via Tasso 18. Contact made at that address had no idea about any sampling. Telephonic contact with landlord directed sample team to correct home (two doors down). Home has no house number but homes on either side have the numbers 20 and 26 respectively. House number must be either 22 or 24 (or both). Sample location was in basement as a sub-slab through 2 feet of concrete.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0238SG002**
Location ID: 0238
QC Duplicate ID: N/A

Lead Sampler: William Olson
Additional Sampler(s) Simona Campobasso,Charlie Warino
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3138
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	04/01/2009	Leak Test Start Time	09:38
Leak Test End Date	04/01/2009	Leak Test End Time	9:43
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/01/09	9:45	NA	-29	Negative air flow	23	N/A	None
04/01/09	10:18	NA	-17	Negative air flow	19	N/A	None
04/01/09	10:37	NA	-9	Negative air flow	19	N/A	None
04/01/09	10:55	NA	-2	Negative air flow	21	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:45	10:55	70.0	6	85.71	Negative air flow	NA	-2	21	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/01/09	10:55	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-165

General Notes

Size: 2House is single unit
2-story with below grade garage. ASG is near slab because of tile floor in garage. Ground floor of house is above street level and yard slopes up to ground floor on west side of the house. Tenant reports that part of yard recently excavated for installation of city water service.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0266SG001**
Location ID: 0266
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3059
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/12/08

Leak Test

Leak Test Start Date	01/10/2009	Leak Test Start Time	14:40
Leak Test End Date	01/10/2009	Leak Test End Time	14:45
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/10/09	14:47	NA	-29	Negative air flow	10	N/A	None
01/10/09	15:49	NA	-2	Negative air flow	10	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:47	15:49	62.0	6	96.77	Negative air flow	NA	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/10/09	15:49	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-21

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0290SG001**
Location ID: 0290
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,Steve Cooper
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3189
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	10/11/08

Leak Test

Leak Test Start Date	02/12/2009	Leak Test Start Time	14:21
Leak Test End Date	02/12/2009	Leak Test End Time	14:26
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
02/12/09	14:28	NA	-29	Negative air flow	15	N/A	Start Sample
02/12/09	14:54	NA	-18	Negative air flow	11	N/A	None
02/12/09	15:07	NA	-13	Negative air flow	10	N/A	None
02/12/09	15:21	NA	-7	Negative air flow	10	N/A	None
02/12/09	15:31	NA	-2	Negative air flow	NA	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
14:28	15:31	63.0	6	95.24	Negative air flow	NA	-2	NA	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/12/09	15:31	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-77

General Notes

Size: 1A three-story townhouse (yellow with white trim and bricks). Basement is fully tiled. Sampling is being done as a near-slab in the driveway approx. 4 ft from slab. Soil-gas probe was driven down approx. 6 ft.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0302SG001**
Location ID: 0302
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3166
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/20/09

Leak Test

Leak Test Start Date	03/23/2009	Leak Test Start Time	13:02
Leak Test End Date	03/23/2009	Leak Test End Time	13:07
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
03/23/09	13:10	NA	-28.5	Negative air flow	13	N/A	Start Sample
03/23/09	13:26	NA	-23	Negative air flow	13	N/A	None
03/23/09	13:44	NA	-15	Negative air flow	13	N/A	None
03/23/09	14:03	NA	-7	Negative air flow	13	N/A	None
03/23/09	14:16	NA	-2	Negative air flow	13	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
13:10	14:16	66.0	6	90.91	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/23/09	14:16	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-147

General Notes

Size: 2Sample location is a two-story villa/stand-alone house with a subterranean garage. Sampling took place as a sub-slab in the garage. Sample team drilled through 3.3 ft of concrete and 0.2 ft of fill material and set the Teflon tubing inlet at approx. 3.5 ft. Area is a mixture of residential and industrial lots. Casal cemetery is less than a quarter mile from here.
Note: Residence address from Housing Database is listed as Via Macario #7. House does not display any number. Contrary to rest of residences on this street--this residence is on the even-numbered side of street-although LL claims it is an odd-number address. It sits catty-corner to Via Macario #9. It has a second entrance on Secondo Traversa Via Macario and the house directly next to it on this Traversa displays house number #28. In essence the house sits at the corner of Via Macario and Secondo Traversa Via Macario. It is Orange/Mango color with a brown gate.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0333SG001**
Location ID: 0333
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Katie Conrad,Mike Jaynes
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.05	Type of Probe	PE tubing
Bottom Depth of Probe(ft-bgs)	2.25	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC 21
Sample Canister	Yes	Sample Canister Serial Number	3156
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/12/08

Leak Test

Leak Test Start Date	12/16/2008	Leak Test Start Time	13:18
Leak Test End Date	12/16/2008	Leak Test End Time	13:25
Leak Test Duration (min)	7	Leak Test Volume (L)	1.2
Leak Flow Rate (mL/min)	171.43	Results of Leak Test (ppm-He)	525

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
12/16/08	13:28	NA	-29	Negative air flow	17	N/A	Start sample purge
12/16/08	13:48	NA	-21	Negative air flow	17	N/A	None
12/16/08	14:08	NA	-13	Negative air flow	17	N/A	None
12/16/08	14:32	NA	-2	Negative air flow	17	N/A	End sample purge

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
13:28	14:32	64.0	6	93.75	Negative air flow	NA	-2	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/16/08	14:32	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-10

General Notes

Size: 2Entry point from back wall is 278 inches and 66 inches off the left most support. Off center from central area of garage.
Home originally sampled under Phase I. Water sampled during Phase I was well water. Home is now on city water and current tenants request that home be resampled for tap water.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0376SG001**
Location ID: 0376
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Mike Jaynes,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.6	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3143
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/11/09

Leak Test

Leak Test Start Date	02/16/2009	Leak Test Start Time	13:45
Leak Test End Date	02/16/2009	Leak Test End Time	13:50
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/16/09	13:52	NA	-30	Negative air flow	8	N/A	Purge was begun at 13:52
02/16/09	14:04	NA	-26	Negative air flow	8	N/A	None
02/16/09	14:14	NA	-21	Negative air flow	8	N/A	None
02/16/09	14:24	NA	-17	Negative air flow	8	N/A	None
02/16/09	14:32	NA	-13	Negative air flow	8	N/A	None
02/16/09	14:43	NA	-9	Negative air flow	7	N/A	None
02/16/09	14:52	NA	-5	Negative air flow	7	N/A	None
02/16/09	15:01	NA	-2	Negative air flow	7	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:52	15:01	69.0	6	86.96	Negative air flow	NA	-2	7	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/16/09	15:01	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-80

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0393SG001**
Location ID: 0393
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	4.0	Type of Probe	PE tubing
Bottom Depth of Probe(ft-bgs)	4.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3765
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	01/07/09

Leak Test

Leak Test Start Date	02/05/2009	Leak Test Start Time	10:06
Leak Test End Date	02/05/2009	Leak Test End Time	10:11
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/05/09	10:14	NA	-30	Negative air flow	14	N/A	Start Sampling
02/05/09	10:24	NA	-24	Negative air flow	14	N/A	None
02/05/09	10:34	NA	-21	Negative air flow	14	N/A	None
02/05/09	10:44	NA	-17	Negative air flow	14	N/A	None
02/05/09	10:54	NA	-12	Negative air flow	13	N/A	None
02/05/09	11:04	NA	-8	Negative air flow	14	N/A	None
02/05/09	11:14	NA	-4	Negative air flow	14	N/A	None
02/05/09	11:19	NA	-2	Negative air flow	13	N/A	End sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:14	11:19	65.0	6	92.31	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/05/09	11:19	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-65

General Notes

Size: 1A two-story duplex with a subterranean garage. Sampling took place in the garage as a sub-slab. Sample team drilled through approx. 3.5 to 4 of multi-chambered/layered concrete and underlying gravel/stone (Tufo). Lead team member sampled this location as part of Pending Lease program. During that sampling event it was discovered that this home was a blended system. LL cut pipe to home from well and made residence solely city-water and left well just for external use. It was verified during soil-gas sampling that the connection to well leading to home was still detached. Additionally LL gave house address as Via Pisa #2 it was discovered there is another home displaying this address down the street which is the incorrect home. Future sampling teams should be made aware of this. Housing should also verify correct address of both homes.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0409SG001-NS**
Location ID: 0409
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1Sample planned for 2/20/2009. Sample not collected and marked as "CNX" on schedule. Schedule noted as electricity was off and waiting for landlord decision.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0419SG001**
Location ID: 0419
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Patrick Leonard,Katie Conrad,Chuck Meyer,Simona Campobasso,Andrea Gnoffo,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3199
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	06/12/08

Leak Test

Leak Test Start Date	02/07/2009	Leak Test Start Time	14:00
Leak Test End Date	02/07/2009	Leak Test End Time	14:08
Leak Test Duration (min)	8	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/07/09	14:09	NA	-29	Negative air flow	11	N/A	None
02/07/09	14:18	NA	-25	Negative air flow	10.5	N/A	None
02/07/09	14:25	NA	-23	Negative air flow	10	N/A	None
02/07/09	14:32	NA	-20	Negative air flow	10	N/A	None
02/07/09	14:42	NA	-16	Negative air flow	10	N/A	None
02/07/09	14:50	NA	-12	Negative air flow	9	N/A	None
02/07/09	14:58	NA	-9	Negative air flow	9	N/A	None
02/07/09	15:09	NA	-5	Negative air flow	9	N/A	None
02/07/09	15:18	NA	-2	Negative air flow	9	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:09	15:18	69.0	6	86.96	Negative air flow	NA	-2	9	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/07/09	15:18	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-68

General Notes

Size: 1Sample collected in the rain.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0459SG001**
Location ID: 0459
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Chuck Conrad
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.35	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.45	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3070
Sample Canister Model Number	24187-650	Sample Canister Leak Check Date	12/04/08

Leak Test

Leak Test Start Date	01/16/2009	Leak Test Start Time	14:40
Leak Test End Date	01/16/2009	Leak Test End Time	14:48
Leak Test Duration (min)	8	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	PASS

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/16/09	14:51	NA	-29.5	Negative air flow	16	N/A	None
01/16/09	15:00	NA	-21	Negative air flow	16	N/A	None
01/16/09	15:21	NA	-7	Negative air flow	16	N/A	None
01/16/09	15:51	NA	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:51	15:51	60.0	6	100.0	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/16/09	16:05	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-33

General Notes

Size: 1A 3-story Duplex. Sample location is in basement on unfinished concrete (approx. 4 in. thick) of one of the units.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0460SG001**
Location ID: 0460
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Roberta Durante,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3249
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/12/09

Leak Test

Leak Test Start Date	03/18/2009	Leak Test Start Time	14:47
Leak Test End Date	03/18/2009	Leak Test End Time	14:52
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/18/09	14:54	NA	-30	Negative air flow	12	N/A	None
03/18/09	15:10	NA	-24	Negative air flow	11	N/A	None
03/18/09	15:19	NA	-20	Negative air flow	11	N/A	None
03/18/09	15:29	NA	-16	Negative air flow	11	N/A	None
03/18/09	15:38	NA	-12	Negative air flow	11	N/A	None
03/18/09	15:48	NA	-8	Negative air flow	11	N/A	None
03/18/09	15:58	NA	-4	Negative air flow	11	N/A	None
03/18/09	16:04	NA	-2	Negative air flow	11	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:54	16:04	70.0	6	85.71	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/18/09	16:04	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-141

General Notes

Size: 1Sample collected as a straight forward sub-slab in garage underneath the house (see sketch). Garage has a concrete floor throughout.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0479SG001**
Location ID: 0479
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC22
Sample Canister	Yes	Sample Canister Serial Number	2606
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/17/08

Leak Test

Leak Test Start Date	01/14/2009	Leak Test Start Time	13:49
Leak Test End Date	01/14/2009	Leak Test End Time	13:54
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/14/09	13:58	NA	-30	Negative air flow	13	N/A	None
01/14/09	14:14	NA	-25	Negative air flow	13	N/A	None
01/14/09	14:28	NA	-20	Negative air flow	13	N/A	None
01/14/09	14:38	NA	-15	Negative air flow	13	N/A	None
01/14/09	14:48	NA	-10	Negative air flow	12	N/A	None
01/14/09	14:58	NA	-6	Negative air flow	12	N/A	None
01/14/09	15:12	NA	-2	Negative air flow	12	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:58	15:12	74.0	6	81.08	Negative air flow	NA	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/14/09	15:12	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-26

General Notes

Size: 1The property didn't have a basement and the entire floor was tiled. There wasn't any rough cement to do a sub-slab sample through. Near slab sample was conducted in the front garden of the house 1.5 feet from slab.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0488SG001**
Location ID: 0488
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3127
Sample Canister Model Number	SilcoCan 24182-650	Sample Canister Leak Check Date	05/28/09

Leak Test

Leak Test Start Date	07/03/2009	Leak Test Start Time	16:46
Leak Test End Date	07/03/2009	Leak Test End Time	16:52
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/03/09	16:56	NA	-30	Negative air flow	24	N/A	None
07/03/09	17:06	NA	-27	Negative air flow	24	N/A	None
07/03/09	17:16	NA	-23	Negative air flow	24	N/A	None
07/03/09	17:26	NA	-19	Negative air flow	24	N/A	None
07/03/09	17:36	NA	-15	Negative air flow	24	N/A	None
07/03/09	17:46	NA	-10	Negative air flow	23	N/A	None
07/03/09	17:56	NA	-6	Negative air flow	23	N/A	None
07/03/09	18:06	NA	-3	Negative air flow	24	N/A	None
07/03/09	18:09	NA	-2	Negative air flow	24	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
16:56	18:09	73.0	6	82.19	Negative air flow	NA	-2	24	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/03/09	18:07	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-264

General Notes

Size: 1The sample was collected as a sub-slab sample from the garage floor which was concrete. The sample was collected from 6 feet 8 inches from the garage door track 22 feet from the left hand wall looking in the door and 12 feet 5 inches from the right hand wall. From a depth of 3.3 to 3.5 feet using Teflon tubing.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0488AA001**
Location ID: 0488
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	0	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC38
Sample Canister	Yes	Sample Canister Serial Number	3761
Sample Canister Model Number	SilcoCan 24182-650	Sample Canister Leak Check Date	05/26/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/03/09	16:56	NA	-30	Negative air flow	27	N/A	None
07/03/09	17:06	NA	-26	Negative air flow	26	N/A	None
07/03/09	17:16	NA	-21.5	Negative air flow	26	N/A	None
07/03/09	17:27	NA	-17.5	Negative air flow	27	N/A	None
07/03/09	17:36	NA	-13.5	Negative air flow	27	N/A	None
07/03/09	17:46	NA	-9	Negative air flow	26	N/A	None
07/03/09	17:56	NA	-5	Negative air flow	26	N/A	None
07/03/09	18:05	NA	-2	Negative air flow	26	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
16:56	18:05	69.0	6	86.96	Negative air flow	NA	-2	26	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/03/09	18:05	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-264

General Notes

Size: 2The sample was collected from the outside wall of the garage up gradient of the sub-slab sample 0488SG001 approximately 10 feet from the garage door opening and 12 feet from the house corner at the edge of the porch. The sample was collected at a height of approximately 6 feet using the flow control regulator as the source of supply.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0490AA001-NS**
Location ID: 0490
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1Sample planned for 7/6/2009 and waiting for landlord consent. Sample not collected and marked as "CNX" on schedule.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0490SG001-NS**
Location ID: 0490
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1Sample planned for 7/6/2009 and waiting for landlord consent. Sample not collected and marked as "CNX" on schedule.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0502SG001**
Location ID: 0502
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,Steve Cooper
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3206
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	09/23/08

Leak Test

Leak Test Start Date	02/12/2009	Leak Test Start Time	09:57
Leak Test End Date	02/12/2009	Leak Test End Time	10:02
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	125

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/12/09	10:05	NA	-29	Negative air flow	10	N/A	Start Sample
02/12/09	10:19	NA	-23	Negative air flow	9	N/A	None
02/12/09	10:32	NA	-18	Negative air flow	8	N/A	None
02/12/09	10:44	NA	-12	Negative air flow	8	N/A	None
02/12/09	11:03	NA	-4	Negative air flow	8	N/A	None
02/12/09	11:08	NA	-2	Negative air flow	8	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:05	11:08	63.0	6	95.24	Negative air flow	NA	-2	8	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/12/09	11:08	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-77

General Notes

Size: 1A three-story townhouse (Peach colored with yellow trim and a brown gate/fence)--one level is subterranean. Sample location is in front yard and sampled as a near-slab approx 5.5 ft from slab due to overhanging patio/porch area. Soil-vapor probe driven down approx. 6 ft. into soil.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0512SG001**
Location ID: 0512
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.0	Type of Probe	PE tubing
Bottom Depth of Probe(ft-bgs)	1.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3065
Sample Canister Model Number	SilcoCan - 24182-650	Sample Canister Leak Check Date	04/17/09

Leak Test

Leak Test Start Date	06/10/2009	Leak Test Start Time	10:55
Leak Test End Date	06/10/2009	Leak Test End Time	11:00
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/10/09	11:05	NA	-30	Negative air flow	22	N/A	None
06/10/09	11:15	NA	-26	Negative air flow	22	N/A	None
06/10/09	11:25	NA	-21	Negative air flow	22	N/A	None
06/10/09	11:35	NA	-17	Negative air flow	22	N/A	None
06/10/09	11:45	NA	-13	Negative air flow	23	N/A	None
06/10/09	11:55	NA	-10	Negative air flow	23	N/A	None
06/10/09	12:05	NA	-6	Negative air flow	23	N/A	None
06/10/09	12:15	NA	-2	Negative air flow	23	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:05	12:15	70.0	6	85.71	Negative air flow	NA	-2	23	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/10/09	12:15	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-248

General Notes

Size: 2SG sample location sub-slab. concrete 12-in thick. location just outside of garage (garage all tile) but under structure of home (overhang). Collected AA sample at same time. AA located on front steps of home.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0512AA001**
Location ID: 0512
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	0	Type of Probe	Other - define in notes
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	Yes	Gauge Serial Number	FC38
Sample Canister	Yes	Sample Canister Serial Number	3247
Sample Canister Model Number	SilcoCan - 24182-650	Sample Canister Leak Check Date	03/28/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/10/09	11:05	NA	-28	Negative air flow	27	N/A	location in sun
06/10/09	11:15	NA	-23	Negative air flow	27	N/A	None
06/10/09	11:25	NA	-19	Negative air flow	28	N/A	None
06/10/09	11:35	NA	-15	Negative air flow	28	N/A	None
06/10/09	11:45	NA	-11	Negative air flow	28.5	N/A	None
06/10/09	11:55	NA	-8	Negative air flow	29	N/A	None
06/10/09	12:05	NA	-4	Negative air flow	29	N/A	None
06/10/09	12:10	NA	-2	Negative air flow	29	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:05	12:10	65.0	6	92.31	Negative air flow	NA	-2	29	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/10/09	12:10	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-248

General Notes

Size: 2Ambient air sample at 0512 location. Collected on front/main steps of home.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0525SG001**
Location ID: 0525
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3276
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	09/12/08

Leak Test

Leak Test Start Date	02/02/2009	Leak Test Start Time	10:00
Leak Test End Date	02/02/2009	Leak Test End Time	10:05
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	25

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/02/09	10:07	NA	-30	Negative air flow	12	N/A	None
02/02/09	10:17	NA	-26	Negative air flow	12	N/A	None
02/02/09	10:27	NA	-22	Negative air flow	11	N/A	None
02/02/09	10:37	NA	-17	Negative air flow	11	N/A	None
02/02/09	10:47	NA	-13	Negative air flow	11	N/A	None
02/02/09	10:57	NA	-9	Negative air flow	11	N/A	None
02/02/09	11:07	NA	-5	Negative air flow	11	N/A	None
02/02/09	11:16	NA	-2	Negative air flow	11	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:07	11:16	69.0	6	86.96	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/02/09	11:16	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-59

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0548SG002**
Location ID: 0548
QC Duplicate ID: N/A

Lead Sampler: William Olson
Additional Sampler(s) Simona Campobasso,Charlie Warino
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3172
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	04/01/2009	Leak Test Start Time	15:26
Leak Test End Date	04/01/2009	Leak Test End Time	15:30
Leak Test Duration (min)	4	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/01/09	15:33	NA	-29	Negative air flow	14	N/A	None
04/01/09	16:10	NA	-14	Negative air flow	14	N/A	None
04/01/09	16:30	NA	-7	Negative air flow	13	N/A	None
04/01/09	16:41	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:33	16:41	68.0	6	88.24	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/01/09	16:41	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-168

General Notes

Size: 2Sample is sub slab in utility room off of below grade garage. Sample location is in the bottom of sump below basement floor. Rest of basement tiled
except for location below stairs in house that had no power or lights.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0548AA001**
Location ID: 0548
QC Duplicate ID: FDAA061009-03

Lead Sampler: John Wright
Additional Sampler(s) Chuck Meyer,Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	0	Type of Probe	Other - define in notes
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	Yes	Gauge Serial Number	FC23 (FC21 on FD)
Sample Canister	Yes	Sample Canister Serial Number	3768 (3253 on FD)
Sample Canister Model Number	SilcoCan - 24182-650	Sample Canister Leak Check Date	04/17/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/10/09	16:45	NA	-30	Negative air flow	28	N/A	FD = -30+ psi
06/10/09	16:55	NA	-26	Negative air flow	28	N/A	FD = -24 psi
06/10/09	17:05	NA	-21	Negative air flow	28	N/A	FD = -19 psi
06/10/09	17:15	NA	-17	Negative air flow	28	N/A	FD = -15 psi
06/10/09	17:25	NA	-11	Negative air flow	27	N/A	FD = -10 psi
06/10/09	17:35	NA	-8	Negative air flow	27	N/A	FD = -7.5 psi
06/10/09	17:45	NA	-5	Negative air flow	27	N/A	FD = -4.5 psi
06/10/09	17:53	NA	-2	Negative air flow	27	N/A	FD = -2 psi

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
16:45	17:53	68.0	6	88.24	Negative air flow	NA	-2	27	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/10/09	17:53	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-248

General Notes

Size: 2The sample was collected from the wall located adjacent to the drive way and upgradient of the two sub-slab samples collected from this location. The ambient air sample was collected in conjunction with 0548SG004 and 0548SG003 a resampling of the sump. Duplicate sample 0548FDAA003 was collected from this location.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0548SG003**
Location ID: 0548
QC Duplicate ID: FDSG061009-01

Lead Sampler: John Wright
Additional Sampler(s) Chuck Meyer,Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.33	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.66	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13 (FC38 on FD)
Sample Canister	Yes	Sample Canister Serial Number	2600 (2604 for FD)
Sample Canister Model Number	SilcoCan - 24182-650	Sample Canister Leak Check Date	04/16/09

Leak Test

Leak Test Start Date	06/10/2009	Leak Test Start Time	15:50
Leak Test End Date	06/10/2009	Leak Test End Time	15:58
Leak Test Duration (min)	8	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	250

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/10/09	16:00	NA	-29.5	Negative air flow	17	N/A	FD = -30 psi
06/10/09	16:10	NA	-24	Negative air flow	17	N/A	FD = -24 psi
06/10/09	16:20	NA	-20	Negative air flow	17	N/A	FD = -20 psi
06/10/09	16:30	NA	-16	Negative air flow	17	N/A	FD = -16 psi
06/10/09	16:40	NA	-13	Negative air flow	17	N/A	FD = -13.5 psi
06/10/09	16:50	NA	-9	Negative air flow	17	N/A	FD = -9 psi
06/10/09	17:00	NA	-5	Negative air flow	17	N/A	FD = -5 psi
06/10/09	17:10	NA	-2	Negative air flow	17	N/A	FD = -2 psi

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
16:00	17:10	70.0	6	85.71	Negative air flow	NA	-2	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/10/09	17:10	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-248

General Notes

Size: 2Sample collected in same sump as previous sample 0548SG002. Sump is in utility area behind the garage. The sump area appears to be associated with the swimming pool and the pit itself is 17 feet long and 2.2 feet deep. A chlorine odor was noted during the installation of the sampling tube. The sample was collected as a sub-slab. The depth of the concrete was 4 inches and the total depth of the boring was 1 foot. The tubing was installed to a depth of 8 inches after collapse of gravel.
Field Duplicate (FDSG061009-01) also collected from this sump sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0548SG004**
Location ID: 0548
QC Duplicate ID: FDSG061009-02

Lead Sampler: John Wright
Additional Sampler(s) Chuck Meyer,Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.6	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20 (FC34 for FD)
Sample Canister	Yes	Sample Canister Serial Number	3069 (3248 for FD)
Sample Canister Model Number	SilcoCan - 24182-650	Sample Canister Leak Check Date	04/17/09

Leak Test

Leak Test Start Date	06/10/2009	Leak Test Start Time	16:36
Leak Test End Date	06/10/2009	Leak Test End Time	16:42
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/10/09	16:45	NA	-30	Negative air flow	28	N/A	FD = -30 psi
06/10/09	16:55	NA	-26	Negative air flow	28	N/A	FD = -26 psi
06/10/09	17:05	NA	-22	Negative air flow	28	N/A	FD = -22 psi
06/10/09	17:15	NA	-18	Negative air flow	28	N/A	FD = -18 psi
06/10/09	17:25	NA	-13.5	Negative air flow	27	N/A	FD = -13.5 psi
06/10/09	17:35	NA	-9.5	Negative air flow	27	N/A	FD = -9 psi
06/10/09	17:45	NA	-6	Negative air flow	27	N/A	FD = -6 psi
06/10/09	17:55	NA	-2	Negative air flow	27	N/A	FD = -2 psi

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
16:45	17:55	70.0	6	85.71	Negative air flow	NA	-2	27	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/10/09	17:55	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-248

General Notes

Size: 2The sample was collected in conjunction with samples 0548SG003 and 0548AA001. The location was in the front of the garage area approximately 35 feet from the sump pit area 0548SG003 and was a sub-slab sample. The location had to be placed in an area at the beginning of the garage due to ceramic tile located on the central floor of the garage. The probe was installed through the mortar lines of the stone (not the tile). The concrete was 0.5 feet thick and the total depth of the boring was 1 foot. However the tubing was only installed to 0.6 feet due to gravel collapse in the boring.
Field duplicate (FDSG061009-02) also collected at this location.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0551SG001**
Location ID: 0551
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3169
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	09/23/08

Leak Test

Leak Test Start Date	02/11/2009	Leak Test Start Time	13:54
Leak Test End Date	02/11/2009	Leak Test End Time	13:59
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	350

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/11/09	14:00	NA	-27	Negative air flow	8	N/A	None
02/11/09	14:12	NA	-23	Negative air flow	8	N/A	None
02/11/09	14:38	NA	-12	Negative air flow	9.5	N/A	None
02/11/09	14:47	NA	-8	Negative air flow	10	N/A	None
02/11/09	14:57	NA	-4	Negative air flow	8	N/A	None
02/11/09	15:04	NA	-2	Negative air flow	8	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:00	15:04	64.0	6	93.75	Negative air flow	NA	-2	8	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/11/09	15:04	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-77

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0552SG001**
Location ID: 0552
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Katie Conrad
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	4	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3177
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/13/08

Leak Test

Leak Test Start Date	02/02/2009	Leak Test Start Time	14:25
Leak Test End Date	02/02/2009	Leak Test End Time	14:34
Leak Test Duration (min)	9	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	222.22	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/02/09	14:38	na	-30	Negative air flow	15	N/A	Start sampling
02/02/09	14:48	na	-29.5	Negative air flow	15	N/A	None
02/02/09	14:58	na	-27	Negative air flow	15	N/A	None
02/02/09	15:08	na	-24	Negative air flow	15	N/A	None
02/02/09	15:18	na	-20	Negative air flow	15	N/A	None
02/02/09	15:28	NA	-17	Negative air flow	14	N/A	None
02/02/09	15:38	NA	-14	Negative air flow	14	N/A	None
02/02/09	15:48	NA	-11	Negative air flow	14	N/A	None
02/02/09	15:58	NA	-8	Negative air flow	14	N/A	None
02/02/09	16:08	NA	-5	Negative air flow	13	N/A	None
02/02/09	16:18	NA	-2	Negative air flow	13	N/A	END SAMPLING

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:38	16:18	100.0	6	60.0	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/02/09	16:20	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-59

General Notes

Size: 1A 2-story townhouse. Sample location was in front planter area and sampled as a near-slab at a depth of approx. 4' below grade. Sampling was approx. 9.5 ft from foundation due to utility lines in the near vicinity. No condensation or water vapor was observed during leak test but sampling took longer than expected possibly due to mud entering sample probe which was observed after sample probe was pulled from ground--possible shallow perched aquifer.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0553SG001-NS**
Location ID: 0553
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 202/28/2009 scheduled for sampling. Could not sample property due to entire area surrounding home is tiled. Owner did not allow us to drill through the outside area tile. Property next door is not owned by present Landlord. No basement is present. There is a garden area however the garden is about 20 ft. from the home foundation outside the 10 ft. limit.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0564SG001**
Location ID: 0564
QC Duplicate ID: FDSG031709-001

Lead Sampler: Patrick Leonard
Additional Sampler(s) Roberta Durante,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	4.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3196
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/04/09

Leak Test

Leak Test Start Date	03/17/2009	Leak Test Start Time	09:48
Leak Test End Date	03/17/2009	Leak Test End Time	9:53
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
03/17/09	9:56	NA	-30	Negative air flow	14	N/A	FD = -29
03/17/09	10:16	NA	-21	Negative air flow	14	N/A	FD = -21
03/17/09	10:38	NA	-11	Negative air flow	15	N/A	FD = -11.5
03/17/09	10:53	NA	-5	Negative air flow	15	N/A	FD = -5
03/17/09	11:01	NA	-2	Negative air flow	15	N/A	FD = -2.5

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
9:56	11:01	65.0	6	92.31	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/17/09	11:01	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-134

General Notes

Size: 8Note on 3/12/09: Sample team arrived at sample location and interviewed person on site. Through the interview it was determined that person did not have Power of Attorney (POA). This on-site person was the brother-in-law to the LL. Sample team informed him that he would need to reschedule the appointment and have the POA with him when the house was next sampled. House was sampled for Tap Water. Sample team scouted the location and determined that it would be possible to do a near-slab at this sample location. The house is surrounded by cement tiles with a texture/pattern on top. The on-site person was asked if it would be possible to drill through the cement tiles for sampling. The on-site person agreed to this option. Another option is that there is a small section of lawn near one of the back corners. This lawn is also another option for a near-slab. It was approx. 5 - 6 ft away from foundation. This Sample Location should be rescheduled and sampled.

Note continued/added 3/17/09: Sample location is a three-story villa. There is a nearby lake and what seems to be a cattle/water buffalo farm on the adjacent property. Sample team decided to do a near-slab on a small portion of concrete tiles that were removed/destroyed when an access way was built between the garage and home. No tiles were destroyed in this sampling. A hole was drilled in concrete floor and a soil-vapor probe was driven down approx. 4.5 ft. At this depth resistance was encountered and the probe backed off 0.5 ft--sampling inlet is at approx. 4 ft bgs and the top of soil-vapor probe sealed with bentonite and clay.

Field Duplicate Gauge Serial # = FC34
Canister Serial # = 3254
Model # = 24182-650
Canister Leak Check Date: 02/04/09.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0574SG001**
Location ID: 0574
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Roberta Durante,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.0	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.1	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3070
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/24/09

Leak Test

Leak Test Start Date	03/16/2009	Leak Test Start Time	10:47
Leak Test End Date	03/16/2009	Leak Test End Time	10:52
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	50

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/16/09	10:54	NA	-30	Negative air flow	15	N/A	None
03/16/09	11:05	NA	-26	Negative air flow	14	N/A	None
03/16/09	11:16	NA	-22	Negative air flow	14	N/A	None
03/16/09	11:26	NA	-18	Negative air flow	14	N/A	None
03/16/09	11:36	NA	-13	Negative air flow	14	N/A	None
03/16/09	11:46	NA	-9	Negative air flow	14	N/A	None
03/16/09	11:56	NA	-5	Negative air flow	14	N/A	None
03/16/09	12:05	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:54	12:05	71.0	6	84.51	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/16/09	12:05	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-129

General Notes

Size: 1Sample collected as near-slab in landscape bed near back of house. Sample location is within approximately 5 feet off the back wall of the house just off walkway (see sketch).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0588SG001**
Location ID: 0588
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Chuck Meyer,Simona Campobasso
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.7	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	3124
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	12/11/08

Leak Test

Leak Test Start Date	01/29/2009	Leak Test Start Time	09:49
Leak Test End Date	01/29/2009	Leak Test End Time	9:54
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/29/09	9:56	N/A	-29	Negative air flow	13	N/A	Start Sample
01/29/09	10:13	na	-23	Negative air flow	13	N/A	None
01/29/09	10:24	na	-18	Negative air flow	14	N/A	None
01/29/09	10:35	na	-14	Negative air flow	14	N/A	None
01/29/09	10:45	na	-10	Negative air flow	14	N/A	None
01/29/09	10:52	na	-7	Negative air flow	14	N/A	None
01/29/09	11:11	na	-2	Negative air flow	14	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:56	11:11	75.0	6	80.0	Negative air flow	na	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/29/09	11:14	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-57

General Notes

Size: 5A single family 2-story duplex with garage underneath as separte level. Sample location is the garge/basement of the US tenant's unit. Sample was a sub-slab through approx. 8" of asphalt.
Sampling location:
16'-side wall
9'8"- front wall
8'11"-back wall

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0589SG001**
Location ID: 0589
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.9	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	4	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-20
Sample Canister	Yes	Sample Canister Serial Number	3261
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/16/09

Leak Test

Leak Test Start Date	02/26/2009	Leak Test Start Time	13:50
Leak Test End Date	02/26/2009	Leak Test End Time	13:55
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/26/09	13:58	NA	-29	Negative air flow	13	N/A	Start purge/sampling.
02/26/09	14:12	NA	-24	Negative air flow	13	N/A	None
02/26/09	14:24	NA	-19	Negative air flow	13	N/A	None
02/26/09	14:38	NA	-13	Negative air flow	13	N/A	None
02/26/09	14:51	NA	-8	Negative air flow	13	N/A	None
02/26/09	14:55	NA	-5	Negative air flow	13	N/A	None
02/26/09	14:58	NA	-4	Negative air flow	13	N/A	None
02/26/09	15:01	NA	-3	Negative air flow	13	N/A	None
02/26/09	15:05	NA	-2	Negative air flow	13	N/A	Stoppurge/sampling.

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:58	15:05	67.0	6	89.55	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/26/09	15:05	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-99

General Notes

Size: 1Sampling location is a three story four unit condo structure. White in color with a green and white iron gate and fence. Access is good from road.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0598SG001**
Location ID: 0598
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Chuck Meyer,Simona Campobasso,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3195
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	03/12/2009	Leak Test Start Time	10:38
Leak Test End Date	03/12/2009	Leak Test End Time	10:47
Leak Test Duration (min)	9	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	222.22	Results of Leak Test (ppm-He)	1150

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/12/09	10:49	NA	-30	Negative air flow	15	N/A	None
03/12/09	11:01	NA	-24	Negative air flow	16	N/A	None
03/12/09	11:09	NA	-22	Negative air flow	15	N/A	None
03/12/09	11:19	NA	-18	Negative air flow	17	N/A	None
03/12/09	11:29	NA	-13	Negative air flow	16	N/A	None
03/12/09	11:39	NA	-9	Negative air flow	19	N/A	None
03/12/09	11:49	NA	-6	Negative air flow	15	N/A	None
03/12/09	11:59	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:49	11:59	70.0	6	85.71	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/12/09	11:59	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-126

General Notes

Size: 1Near-slab sample collected just off back patio 7'8" from footprint of the house (see sketch).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0771SG001**
Location ID: 0771
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.8	Type of Probe	PE tubing
Bottom Depth of Probe(ft-bgs)	1.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3061
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	12/11/08

Leak Test

Leak Test Start Date	1/28/2009	Leak Test Start Time	13:55
Leak Test End Date	01/28/2009	Leak Test End Time	14:01
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/28/09	14:02	NA	-29	Negative air flow	11	N/A	None
01/28/09	14:13	NA	-25	Negative air flow	11	N/A	None
01/28/09	14:22	N/A	-21	Negative air flow	11	N/A	None
01/28/09	14:33	N/A	-17	Negative air flow	11	N/A	None
01/28/09	14:42	N/A	-13	Negative air flow	11	N/A	None
01/28/09	14:52	N/A	-9	Negative air flow	11	N/A	None
01/28/09	15:02	N/A	-5	Negative air flow	11	N/A	None
01/28/09	15:10	NA	-2	Negative air flow	11	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:02	15:10	68.0	6	88.24	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/28/09	15:11	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-54

General Notes

Size: 3Enterance to basement behind house
under car port
on the right.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0789SG001**
Location ID: 0789
QC Duplicate ID: FDSG042409-01

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC 13
Sample Canister	Yes	Sample Canister Serial Number	3767
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/15/09

Leak Test

Leak Test Start Date	04/24/2009	Leak Test Start Time	10:47
Leak Test End Date	04/24/2009	Leak Test End Time	10:57
Leak Test Duration (min)	10	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/24/09	11:00	NA	-30	Negative air flow	13	N/A	FD = -30
04/24/09	11:10	NA	-27	Negative air flow	13	N/A	FD = -27
04/24/09	11:20	NA	-22	Negative air flow	13	N/A	FD = -22
04/24/09	11:34	NA	-16	Negative air flow	13	N/A	FD = -16
04/24/09	11:45	NA	-11	Negative air flow	13	N/A	FD = -11
04/24/09	11:55	NA	-8	Negative air flow	13	N/A	FD = -8
04/24/09	12:05	NA	-4	Negative air flow	13	N/A	FD = -4
04/24/09	12:10	NA	-2.5	Negative air flow	13	N/A	FD = -2

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:00	12:10	70.0	6	85.71	Negative air flow	NA	-2.5	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/24/09	12:10	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-200

General Notes

Size: 6Field Duplicate Details:
Serial # = 3261
Model # = 24182-650
Canister Leak Check Date = 04/15/09
Gauge Serial # = FC-38.
Sample collected from the wine cellar below the house from paver brick floor over sand bed and soil. The soil gas probe was used because we were in soil under sand. Depth to probe was 6.5 feet.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0801SG001**
Location ID: 0801
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	4.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-24
Sample Canister	Yes	Sample Canister Serial Number	3753
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	02/27/2009	Leak Test Start Time	10:16
Leak Test End Date	02/27/2009	Leak Test End Time	10:21
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/27/09	10:34	NA	-29	Negative air flow	11	N/A	Start sampling
02/27/09	10:44	NA	-20	Negative air flow	11	N/A	None
02/27/09	10:54	NA	-16	Negative air flow	10	N/A	None
02/27/09	11:08	NA	-10	Negative air flow	10	N/A	None
02/27/09	11:17	NA	-6	Negative air flow	10	N/A	None
02/27/09	11:28	NA	-2	Negative air flow	10	N/A	Stop sampling

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:34	11:28	54.0	6	111.11	Negative air flow	NA	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/27/09	11:28	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-101

General Notes

Size: 3Property is a three story apartment building yellow with white trim. Large steel black entrance gate. Sample collected in basement with a "dirt" floor. Therefore the soil-gas sample is described as "Sub-slab" using "near-slab" methodology for collection i.e. soil-gas (vapor) probe.
Per Landlord the property was and still is being used as a "Driving School". Several (10 observed) 55 gal. steel drums (for diesel fuel storage are stored on the property at the present time. One 55 gal. steel drum is located in the basement approx. 2' from the soil-gas sample collection location in the basement. The drum was filled approx. 25% with diesel.
The wrong paper work was found in the SUMMA Canister box. It did not match the SUMMA canister serial number. Could not varify the SUMMA canister leak test date. Therefore no date was entered.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0813SG001**
Location ID: 0813
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Chuck Meyer
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.66	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.75	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3236
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	12/05/08

Leak Test

Leak Test Start Date	01/17/2009	Leak Test Start Time	10:20
Leak Test End Date	01/17/2009	Leak Test End Time	10:24
Leak Test Duration (min)	4	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	500.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/17/09	10:28	NA	-29.5	Negative air flow	12	N/A	None
01/17/09	10:38	NA	-25	Negative air flow	11	N/A	None
01/17/09	10:49	NA	-20	Negative air flow	12	N/A	None
01/17/09	11:05	NA	-13	Negative air flow	12	N/A	None
01/17/09	11:20	NA	-7	Negative air flow	12	N/A	None
01/17/09	11:30	NA	-2	Negative air flow	11	N/A	End sampling

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:28	11:30	62.0	6	96.77	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/17/09	11:30	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-33

General Notes

Size: 1A 3-story multi-unit apartment building. Sample location is in below grade garage through approx. 8 in. of cement. Floor is rough surfaced. Sampling took place in a storage room off the side of garage. Two holes were drilled into floor. The first hole met refusal at approx. 6" into flooring. A second hole was drilled by offsetting 2 feet.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0814SG001**
Location ID: 0814
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	3072
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/07/09

Leak Test

Leak Test Start Date	02/23/2009	Leak Test Start Time	14:40
Leak Test End Date	02/23/2009	Leak Test End Time	14:45
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/23/09	14:47	NA	-30	Negative air flow	14	N/A	Start purge/sampling.
02/23/09	15:00	NA	-26	Negative air flow	14	N/A	None
02/23/09	15:13	NA	-21	Negative air flow	14	N/A	None
02/23/09	15:29	NA	-14	Negative air flow	14	N/A	None
02/23/09	15:43	NA	-8	Negative air flow	13	N/A	None
02/23/09	16:06	NA	-2	Negative air flow	13	N/A	End purge/sampling.

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:47	16:06	79.0	6	75.95	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/23/09	16:06	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-94

General Notes

Size: 2Residence is located in a multi-unit apartment building. Three stories tall
orangish-mustard and yellow in color. Front gate is steel reddish-brown and yellow. Soil-gas sample collected from side of unit in driveway asphalt near the center towards the back driveway.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0820SG001-NS**
Location ID: 0820
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1Sample planned for 1/17/2009 and rescheduled for 2/13/2009. Sample not collected and marked as cancelled "CNX" on schedule with service member deployed and multiple landlord issue.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0822SG001**
Location ID: 0822
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Chuck Meyer,Roberta Durante,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3760
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	03/10/2009	Leak Test Start Time	14:12
Leak Test End Date	03/10/2009	Leak Test End Time	14:17
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	100

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/10/09	14:21	NA	-30	Negative air flow	15	N/A	None
03/10/09	14:33	NA	-26	Negative air flow	18	N/A	None
03/10/09	14:45	NA	-19.5	Negative air flow	17	N/A	None
03/10/09	15:00	NA	-15	Negative air flow	17	N/A	None
03/10/09	15:10	NA	-10	Negative air flow	17	N/A	None
03/10/09	15:19	NA	-6	Negative air flow	17	N/A	None
03/10/09	15:29	NA	-3	Negative air flow	15	N/A	None
03/10/09	15:32	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:21	15:32	71.0	6	84.51	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/10/09	15:32	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-123

General Notes

Size: 1Collected SG sample in driveway just in front of entrance. There was no power available at the location but we were able to borrow and outlet from the neighbor across the street.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0827SG001**
Location ID: 0827
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.0	Type of Probe	PE tubing
Bottom Depth of Probe(ft-bgs)	3.1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	2601
Sample Canister Model Number	SilcoCan - 24182-650	Sample Canister Leak Check Date	04/17/09

Leak Test

Leak Test Start Date	06/04/2009	Leak Test Start Time	16:06
Leak Test End Date	06/04/2009	Leak Test End Time	16:11
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/04/09	16:12	NA	-30	Negative air flow	20	N/A	None
06/04/09	16:23	NA	-26	Negative air flow	20	N/A	None
06/04/09	16:34	NA	-22	Negative air flow	20	N/A	None
06/04/09	16:45	NA	-17	Negative air flow	20	N/A	None
06/04/09	16:56	NA	-13	Negative air flow	20	N/A	None
06/04/09	17:07	NA	-7	Negative air flow	20	N/A	None
06/04/09	17:25	NA	-2	Negative air flow	20	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
16:12	17:25	73.0	6	82.19	Negative air flow	NA	-2	20	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/04/09	17:25	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-243

General Notes

Size: 2Location in garage area of house. Garage is shared by two units (one other tenant). Three cars parked in the shared garage space at the time of sampling. Location 0827 tenant car parked in space under house and moved forward during sampling. Location of kitchen sampled for 0827TW001 is directly above the garage space.
Ambient Air sample (0827AA001) collected at same time interval from location outside of garage on step of garden walk.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0827AA001**
Location ID: 0827
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	0	Type of Probe	Other - define in notes
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	Yes	Gauge Serial Number	FC38
Sample Canister	Yes	Sample Canister Serial Number	2284
Sample Canister Model Number	SilcoCan - 24182-650	Sample Canister Leak Check Date	04/17/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/04/09	16:12	NA	-30	Negative air flow	24	N/A	None
06/04/09	16:23	NA	-26	Negative air flow	24	N/A	None
06/04/09	16:34	NA	-21.5	Negative air flow	24	N/A	None
06/04/09	16:45	NA	-17	Negative air flow	24	N/A	None
06/04/09	16:56	NA	-12	Negative air flow	24	N/A	None
06/04/09	17:07	NA	-7	Negative air flow	24	N/A	None
06/04/09	17:25	NA	-2	Negative air flow	24	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
16:12	17:25	73.0	6	82.19	Negative air flow	NA	-2	24	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/04/09	17:25	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-243

General Notes

Size: 3Outdoor ambient air quality sample taken concurrently with indoor active soil gas (inside adjacent garage). See log for 0827SG001 for additional information.
AA = Ambient Air - and sample was collected with a 1-hr regulator and was started and stopped with the ASG sample.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0831SG002**
Location ID: 0831
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3113
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/09/09

Leak Test

Leak Test Start Date	04/21/2009	Leak Test Start Time	11:48
Leak Test End Date	04/21/2009	Leak Test End Time	11:58
Leak Test Duration (min)	10	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/21/09	12:00	NA	-30	Negative air flow	13	N/A	None
04/21/09	12:10	NA	-26	Negative air flow	14	N/A	None
04/21/09	12:20	NA	-22	Negative air flow	14	N/A	None
04/21/09	12:30	NA	-17	Negative air flow	14	N/A	None
04/21/09	12:40	NA	-12	Negative air flow	14	N/A	None
04/21/09	12:50	NA	-8	Negative air flow	14	N/A	None
04/21/09	13:00	NA	-5	Negative air flow	14	N/A	None
04/21/09	13:10	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
12:00	13:10	70.0	6	85.71	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/21/09	13:10	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-196

General Notes

Size: 1The sample was collected as a near slab in the same general area as the passive soil gas sample was collected. The probe rod was driven to 6.5 feet backfilled leak tested and sampled

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0837SG001**
Location ID: 0837
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC23
Sample Canister	Yes	Sample Canister Serial Number	3240
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	03/02/2009	Leak Test Start Time	14:15
Leak Test End Date	03/02/2009	Leak Test End Time	14:20
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/02/09	14:23	NA	-30	Negative air flow	14	N/A	Begin Sample
03/02/09	14:53	NA	-22	Negative air flow	14	N/A	None
03/02/09	14:59	NA	-16	Negative air flow	14	N/A	None
03/02/09	15:14	NA	-10	Negative air flow	14	N/A	None
03/02/09	15:20	NA	-7	Negative air flow	14	N/A	None
03/02/09	15:31	NA	-4	Negative air flow	14	N/A	None
03/02/09	15:43	NA	-2	Negative air flow	14	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:23	15:43	80.0	6	75.0	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/02/09	15:43	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-110

General Notes

Size: 1A four story apartment bldg with a basement. Ground floor is a business (food bar). Sample location sampled as a near-slab. Due to utility lines in and around footprint of foundation sample team set up in recessed window access point along side of building. Recessed window access is 21 inches below ground surface (bgs). Sample probe was driven down approx. 6.5 ft below recessed window access--approx. 8' bgs.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0838SG001**
Location ID: 0838
QC Duplicate ID: FDSG012609-01

Lead Sampler: Patrick Leonard
Additional Sampler(s) Chuck Meyer
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	4.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3116
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/29/08

Leak Test

Leak Test Start Date	01/26/2009	Leak Test Start Time	14:39
Leak Test End Date	01/26/2009	Leak Test End Time	14:44
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/26/09	14:47	NA	-29	Negative air flow	12	N/A	start sample and FD = -29.5
01/26/09	15:06	NA	-22	Negative air flow	13	N/A	FD = -22
01/26/09	15:26	NA	-14	Negative air flow	13	N/A	FD = -14
01/26/09	15:37	NA	-9	Negative air flow	12	N/A	FD = -9
01/26/09	15:54	NA	-2	Negative air flow	12	N/A	end sample and FD = -2

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:47	15:54	67.0	6	89.55	Negative air flow	NA	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/26/09	16:00	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-51

General Notes

Size: 7A four story apartment bldg. Tenant on top floor. Sample location is between drivway and garage in storm drain channel. A field dupe (FDSG012609-01) was collected at this location.
Field dupe
used gauge FC2O
CAN INFO:
model: 24182-650
serial: 3111
check date: 11/20/08

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0848SG001**
Location ID: 0848
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3231
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/15/09

Leak Test

Leak Test Start Date	04/24/2009	Leak Test Start Time	09:46
Leak Test End Date	04/24/2009	Leak Test End Time	9:54
Leak Test Duration (min)	8	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	125.00	Results of Leak Test (ppm-He)	250

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/24/09	9:57	NA	-29	Negative air flow	15	N/A	None
04/24/09	10:07	NA	-26	Negative air flow	15	N/A	None
04/24/09	10:17	NA	-22	Negative air flow	15	N/A	None
04/24/09	10:27	NA	-18	Negative air flow	16	N/A	None
04/24/09	10:39	NA	-13,5	Negative air flow	16	N/A	None
04/24/09	10:47	NA	-10	Negative air flow	16	N/A	None
04/24/09	10:57	NA	-6	Negative air flow	16	N/A	None
04/24/09	11:07	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:57	11:07	70.0	6	85.71	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/24/09	11:07	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-200

General Notes

Size: 1The sample was collected as a sub slab sample from the garage floor. The slab thickness was approximately three feet thick and the hole was over drilled to a depth of 3.5 feet to install the sample tubing.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0882SG001**
Location ID: 0882
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3061
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/07/09

Leak Test

Leak Test Start Date	04/16/2009	Leak Test Start Time	14:46
Leak Test End Date	04/16/2009	Leak Test End Time	15:04
Leak Test Duration (min)	18	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	55.56	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/16/09	15:06	NA	-29	Negative air flow	17	N/A	None
04/16/09	15:16	NA	-25	Negative air flow	16	N/A	None
04/16/09	15:26	NA	-21	Negative air flow	16	N/A	None
04/16/09	15:36	NA	-17	Negative air flow	16	N/A	None
04/16/09	15:46	NA	-13	Negative air flow	16	N/A	None
04/16/09	15:56	NA	-9	Negative air flow	16	N/A	None
04/16/09	16:06	NA	-5	Negative air flow	16	N/A	None
04/16/09	16:14	NA	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:06	16:14	68.0	6	88.24	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/16/09	16:14	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-188

General Notes

Size: 1Sample collected from surface water collection trench in front of the garage. The bottom of the trench was concrete and near slab sampling was performed.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0894SG001**
Location ID: 0894
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.1	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3238
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/03/09

Leak Test

Leak Test Start Date	02/19/2009	Leak Test Start Time	12:20
Leak Test End Date	02/19/2009	Leak Test End Time	12:25
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/19/09	12:27	NA	-29.75	Negative air flow	5	N/A	None
02/19/09	12:39	NA	-25	Negative air flow	4	N/A	None
02/19/09	12:52	NA	-19.5	Negative air flow	4	N/A	None
02/19/09	13:05	NA	-14	Negative air flow	3	N/A	None
02/19/09	13:15	NA	-10	Negative air flow	4	N/A	None
02/19/09	13:25	NA	-6	Negative air flow	4	N/A	None
02/19/09	13:36	NA	-2	Negative air flow	4	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
12:27	13:36	69.0	6	86.96	Negative air flow	NA	-2	4	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/19/09	13:36	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-85

General Notes

Size: 1Landlord's cell number: 339-158-7494

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0917SG001**
Location ID: 0917
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	4.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3060
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/03/09

Leak Test

Leak Test Start Date	03/25/2009	Leak Test Start Time	10:36
Leak Test End Date	03/25/2009	Leak Test End Time	10:41
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
03/25/09	10:44	NA	-29	Negative air flow	13	N/A	start sample
03/25/09	11:05	NA	-22	Negative air flow	12	N/A	None
03/25/09	11:23	NA	-15	Negative air flow	13	N/A	None
03/25/09	11:41	NA	-7	Negative air flow	13	N/A	None
03/25/09	11:54	NA	-2	Negative air flow	13	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
10:44	11:54	70.0	6	85.71	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/25/09	11:54	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-152

General Notes

Size: 4Sample location is a two-story duplex in the Parco Castello near Gastronomia (off of Via Lago Patria). Parco bears no sign indicating its name. Sampling took place in the storm drain in front of subterranean garage unit. Sample team drilled through 4 inches of concrete and probed with tile probe to insure no other obstruction would be encountered. Storm drain is situated approx 3-4 below grade and is approx 2 feet deep. A stainless steel soil-vapor probe was driven down only 3 feet due to refusal. This places the soil-vapor probe inlet approx. 5 feet bgs.
Garage is used for storage and wood working materials. Additionally
there is a gas powered lawn mower. Currently area is fairly residential.
Additional Sampler on site: Charlie Warino-- Tt-NUS Pittsburg

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0923SG001**
Location ID: 0923
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Chuck Meyer,Simona Campobasso,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	2600
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/05/09

Leak Test

Leak Test Start Date	03/12/2009	Leak Test Start Time	14:28
Leak Test End Date	03/12/2009	Leak Test End Time	14:37
Leak Test Duration (min)	9	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	222.22	Results of Leak Test (ppm-He)	1050

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/12/09	14:38	NA	-30	Negative air flow	16	N/A	None
03/12/09	14:51	NA	-25.5	Negative air flow	17	N/A	None
03/12/09	15:04	NA	-20	Negative air flow	16	N/A	None
03/12/09	15:20	NA	-13	Negative air flow	16	N/A	None
03/12/09	15:29	NA	-10	Negative air flow	15	N/A	None
03/12/09	15:38	NA	-7	Negative air flow	15	N/A	None
03/12/09	15:49	NA	-3	Negative air flow	17	N/A	None
03/12/09	15:53	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:38	15:53	75.0	6	80.0	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/12/09	15:53	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-126

General Notes

Size: 1First leak test started at 14:00 with a duration of 10 minutes produced a helium reading of 2.3% (23000 ppm). Broke down the setup and resealed everything. Second leak test was conducted.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0949SG002**
Location ID: 0949
QC Duplicate ID: N/A

Lead Sampler: William Olson
Additional Sampler(s) Simona Campobasso,Andrea Gnoffo,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3125
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/01/09

Leak Test

Leak Test Start Date	04/15/2009	Leak Test Start Time	10:04
Leak Test End Date	04/15/2009	Leak Test End Time	10:12
Leak Test Duration (min)	8	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/15/09	10:14	NA	-30	Negative air flow	13	N/A	None
04/15/09	10:40	NA	-19	Negative air flow	12	N/A	None
04/15/09	10:51	NA	-15	Negative air flow	12	N/A	None
04/15/09	11:14	NA	-5	Negative air flow	12	N/A	None
04/15/09	11:22	NA	-2	Negative air flow	12	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:14	11:22	68.0	6	88.24	Negative air flow	NA	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/15/09	11:22	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-186

General Notes

Size: 1ASG sample is sub-slab in utility corridor in basement. Corridor runs from front to back of house - used for storage -has gas water heater and furnace. Observed gasoline can in area and oily spots on the tile.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0961AA001-NS**
Location ID: 0961
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3203
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/14/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/07/09	13:24	NA	-27	Negative air flow	28	N/A	None
07/07/09	13:34	NA	-23	Negative air flow	28	N/A	None
07/07/09	13:44	NA	-19	Negative air flow	29	N/A	None
07/07/09	13:54	NA	-15	Negative air flow	29	N/A	None
07/07/09	14:04	NA	-11	Negative air flow	28	N/A	None
07/07/09	14:14	NA	-7	Negative air flow	29	N/A	None
07/07/09	14:24	NA	-3.5	Negative air flow	28	N/A	None
07/07/09	14:30	NA	-2	Negative air flow	28	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
7:24	8:30	66.0	6	90.91	Negative air flow	NA	-2	28	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/07/09	14:30	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	Sample collected but instructed not to ship to lab	N/A

General Notes

Size: 5The sample collected directly from the corner of the tenants patio 2 feet off the front wall 5 feet 7 inchs off the wall closest to the doorway and 9 feet 10 inches off of the house wall. The sample was collected directly from the regulator at a height of 4 feet 6 inches. No soil gas sample was collected from this location due to the landlords denial of access for the sampling.
Per direction from the project team during weekly conference call
this sample was not sent to the laboratory since a corresponding soil gas sample was not possible.
Per schedule
the location scheduled for tap water (speciation only) and ambient air sampling. No soil or soil gas scheduled.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0961SG001-NS**
Location ID: 0961
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 2See 0961 Tap Water and Ambient Air logs for addition inforamation about no soil gas sample. Per direction from the project team during weekly conference call the ambient air sample was not sent to the laboratory since a corresponding soil gas sample was not possible. Per schedule the location scheduled for tap water (speciation only) and ambient air sampling. No soil or soil gas scheduled.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0975SG001**
Location ID: 0975
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	4	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	3231
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/03/09

Leak Test

Leak Test Start Date	02/20/2009	Leak Test Start Time	14:24
Leak Test End Date	02/20/2009	Leak Test End Time	14:29
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/20/09	14:31	NA	-30	Negative air flow	10	N/A	Start of Sampling
02/20/09	14:48	NA	-27	Negative air flow	10	N/A	None
02/20/09	15:00	NA	-18	Negative air flow	9	N/A	None
02/20/09	15:12	NA	-13	Negative air flow	9	N/A	None
02/20/09	15:26	NA	-7	Negative air flow	8	N/A	None
02/20/09	15:33	NA	-5	Negative air flow	8	N/A	None
02/20/09	15:39	NA	-3	Negative air flow	8	N/A	None
02/20/09	15:43	NA	-2	Negative air flow	8	N/A	End of Sampling

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:31	15:43	72.0	6	83.33	Negative air flow	NA	-2	8	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/20/09	15:43	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-94

General Notes

Size: 1Single family home three stories mustard in color. Soil-gas sample collectd at bottom of driveway outside garage door. Good access. See drawing.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1020SG001**
Location ID: 1020
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Roberta Durante,James Goerdt,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3244
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/12/09

Leak Test

Leak Test Start Date	03/19/2009	Leak Test Start Time	10:37
Leak Test End Date	03/19/2009	Leak Test End Time	10:47
Leak Test Duration (min)	10	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	86000

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/19/09	10:49	NA	-30	Negative air flow	16	N/A	None
03/19/09	11:09	NA	-22.5	Negative air flow	14	N/A	None
03/19/09	11:25	NA	-16	Negative air flow	14	N/A	None
03/19/09	11:36	NA	-12	Negative air flow	14	N/A	None
03/19/09	11:46	NA	-8	Negative air flow	14	N/A	None
03/19/09	12:02	NA	-4	Negative air flow	14	N/A	None
03/19/09	12:06	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:49	12:06	77.0	6	77.92	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/19/09	12:06	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-141

General Notes

Size: 3Sample collected as a near-slab in grass area approximately 6 feet from the footprint of the house (see sketch). Drove probes with sample screen to 6 ft-bls and proceeded as usual with soil gas setup.
Had problems with the Leak test/seal - we had to break down and reseal 3 times after producing leak test with readings of 12.5% 13.5% and 8.7% He. Talked with FOL (K. Simpson) about the situation - he made some recommendations and we purged the lines and the Tedlar bags and re-set things one more time.
The 4th leak test resulted in 8.3% He - per SOP (< 10% He) we collected the sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1119SG001**
Location ID: 1119
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) Chuck Meyer
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.2	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.3	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	1861
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/12/09

Leak Test

Leak Test Start Date	03/06/2009	Leak Test Start Time	14:25
Leak Test End Date	03/06/2009	Leak Test End Time	14:30
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	4750

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/06/09	14:40	NA	-30	Negative air flow	4	N/A	None
03/06/09	14:50	NA	-25	Negative air flow	4	N/A	None
03/06/09	15:00	NA	-19	Negative air flow	4	N/A	None
03/06/09	15:10	NA	-15	Negative air flow	4	N/A	None
03/06/09	15:20	NA	-12	Negative air flow	4	N/A	None
03/06/09	15:30	NA	-7	Negative air flow	4	N/A	None
03/06/09	15:47	NA	-2	Negative air flow	4	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:40	15:47	67.0	6	89.55	Negative air flow	NA	-2	4	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/06/09	15:47	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-116

General Notes

Size: 1Met with landlord and tenant. Landlord to sign release forms. There was a basement - however - it was finished so no sample to be collected "near slab". Showed landlord exactly where we were to drill hole in soil which was at back of the house ~5' from exterior wall of home. He was OK with that location.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1120SG001**
Location ID: 1120
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Chuck Meyer,Simona Campobasso
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.75	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.85	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC23
Sample Canister	Yes	Sample Canister Serial Number	3761
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/20/08

Leak Test

Leak Test Start Date	01/30/2009	Leak Test Start Time	09:48
Leak Test End Date	01/30/2009	Leak Test End Time	9:53
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
01/30/09	9:55	na	-29	Negative air flow	10	N/A	Start Sample
01/30/09	10:21	na	-19	Negative air flow	10	N/A	None
01/30/09	10:36	na	-13	Negative air flow	10	N/A	None
01/30/09	10:45	na	-9	Negative air flow	10	N/A	None
01/30/09	11:08	na	-2	Negative air flow	10	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
9:55	11:08	73.0	6	82.19	Negative air flow	na	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/30/09	11:10	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-57

General Notes

Size: 1A stand alone 2 story home with a basement that has been divided into two units. The landlord lives on ground floor and tenant lives above. Sample location is outside in backyard approx. 7 feet from slab due to intervening walkways utility lines and storm water drainage. Soil vapor probe was driven down approx. 4 feet into soil.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1132SG001**
Location ID: 1132
QC Duplicate ID: FDSG022709-01

Lead Sampler: Chuck Conrad
Additional Sampler(s) Mike Jaynes,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.0	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.1	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3055
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/12/09

Leak Test

Leak Test Start Date	02/27/2009	Leak Test Start Time	10:07
Leak Test End Date	02/27/2009	Leak Test End Time	10:13
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/27/09	10:15	NA	-29	Negative air flow	11	N/A	FD = -30
02/27/09	10:28	NA	-24	Negative air flow	9	N/A	FD = -26
02/27/09	10:35	NA	-22	Negative air flow	10	N/A	FD = -24
02/27/09	10:45	NA	-17	Negative air flow	11	N/A	FD = -19
02/27/09	10:55	NA	-13	Negative air flow	11	N/A	FD = -15
02/27/09	11:05	NA	-8	Negative air flow	11	N/A	FD = -10
02/27/09	11:15	NA	-5	Negative air flow	12	N/A	FD = -6
02/27/09	11:23	NA	-2	Negative air flow	12	N/A	FD = -4

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:15	11:23	68.0	6	88.24	Negative air flow	NA	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/27/09	11:23	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-106

General Notes

Size: 5Field Duplicate completed at location
Gauge Serial # is FC22
Canister Serial # is 3065
Model # is 24182-650
Canister leak check date is 02/12/09.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1148SG001**
Location ID: 1148
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Chuck Meyer,Roberta Durante,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.7	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.8	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3253
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/24/09

Leak Test

Leak Test Start Date	03/10/2009	Leak Test Start Time	10:08
Leak Test End Date	03/10/2009	Leak Test End Time	10:13
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	1950

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/10/09	10:16	NA	-30	Negative air flow	8	N/A	None
03/10/09	10:27	NA	-25.5	Negative air flow	8	N/A	None
03/10/09	10:41	NA	-20	Negative air flow	10	N/A	None
03/10/09	10:56	NA	-14	Negative air flow	10	N/A	None
03/10/09	11:06	NA	-10	Negative air flow	10	N/A	None
03/10/09	11:20	NA	-5	Negative air flow	10	N/A	None
03/10/09	11:27	NA	-2	Negative air flow	11	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:16	11:27	71.0	6	84.51	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/10/09	11:28	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-123

General Notes

Size: 1Sample was collected from grass area on the northwest side of the house. Tested 8 locations with tile probe - hit refusal depth ranged from 8 inches to 1.5 feet bls. Spoke to landlord - he stated that there is most likely Tuffo rock under soil layer throughout yard. Attempted hand augering and hit refusal at approx. 1.2 feet. Then used drill with 48-inch bit and drilled to full length of bit and then pushed soil gas sampling probe to approx. 3.8 feet bls and set it for sample collection. The clay seal was installed and the leak test conducted.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1151SG002**
Location ID: 1151
QC Duplicate ID: N/A

Lead Sampler: Charlie Warino
Additional Sampler(s) Patrick Leonard
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3257
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	03/26/2009	Leak Test Start Time	14:01
Leak Test End Date	03/26/2009	Leak Test End Time	14:07
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/26/09	14:13	NA	-29	Negative air flow	14	N/A	Start Sample
03/26/09	14:35	NA	-21	Negative air flow	15	N/A	None
03/26/09	14:55	NA	-17	Negative air flow	15	N/A	None
03/26/09	15:12	NA	-6	Negative air flow	15	N/A	None
03/26/09	15:22	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:13	15:22	69.0	6	86.96	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/26/09	15:22	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-156

General Notes

Size: 2Near slab sample collected in grassy area 76 inches from 3 story duplex building. Could not obtain a sub slab sample due to void space below concrete floor in basement. The landlord's mother is the property owner
but he had permission to approve sample location. Tile walk around building and perimeter stone wall recently washed with Hydrochloric Acid of an unknown concentration.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1157SG002**
Location ID: 1157
QC Duplicate ID: N/A

Lead Sampler: Charlie Warino
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3753
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/04/09

Leak Test

Leak Test Start Date	04/06/2009	Leak Test Start Time	9:58
Leak Test End Date	04/06/2009	Leak Test End Time	10:13
Leak Test Duration (min)	15	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	133.33	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
04/06/09	10:14	NA	-30	Negative air flow	12	N/A	None
04/06/09	10:30	NA	-24	Negative air flow	14	N/A	None
04/06/09	10:47	NA	-16	Negative air flow	13	N/A	None
04/06/09	11:03	NA	-9	Negative air flow	13	N/A	None
04/06/09	11:23	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
10:14	11:23	69.0	6	86.96	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/06/09	11:23	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-175

General Notes

Size: 2ASG near slab sample collected in side yard due to vapor barrier below building. Sample location is 82" from side of building.
Note added JSW on 8/11/09: Location 1157 is a Duplex with the rental unit located on the second floor with the landlord living on the first floor.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1182SG001**
Location ID: 1182
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3143
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/15/09

Leak Test

Leak Test Start Date	05/07/2009	Leak Test Start Time	09:59
Leak Test End Date	05/07/2009	Leak Test End Time	10:09
Leak Test Duration (min)	10	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	425

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
05/07/09	10:11	NA	-30	Negative air flow	14	N/A	None
05/07/09	10:23	NA	-24	Negative air flow	16	N/A	None
05/07/09	10:35	NA	-20	Negative air flow	16	N/A	None
05/07/09	10:47	NA	-14	Negative air flow	16	N/A	None
05/07/09	10:56	NA	-11	Negative air flow	16	N/A	None
05/07/09	11:06	NA	-7	Negative air flow	16	N/A	None
05/07/09	11:17	NA	-4	Negative air flow	16	N/A	None
05/07/09	11:21	NA	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:11	11:21	70.0	6	85.71	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/07/09	11:21	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-215

General Notes

Size: 1Location was a near slab because basement/garage was fully tiled. The probe area was hand augered to 2 feet where it hit refusal. The landlord indicated that we could use the bit and drill to get to four feet which was done. The soil gas probe was driven to 6.5 feet sealed with the soil removed from the hole and clay and tested for leaks with the Helium detector.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1187SG001-NS**
Location ID: 1187
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) N/A
MS/MSD: N/A

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1Property visited on 11/24/08. Covered courtyard with small planters and pots. No soil or soil gas samples taken.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1190SG001-NS**
Location ID: 1190
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

General Notes

Size: 212/13/08
No samples were taken because the house did not have any grassy areas to be sampled. Scoped location for possible soil gas and left the landlord and tenant consent forms. Could perform near slab sample in the driveway drilling through concrete/ashpalt.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1194SG001**
Location ID: 1194
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3735
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	06/16/09

Leak Test

Leak Test Start Date	06/25/2009	Leak Test Start Time	10:37
Leak Test End Date	06/25/2009	Leak Test End Time	10:45
Leak Test Duration (min)	8	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/25/09	10:49	NA	-30	Negative air flow	15	N/A	None
06/25/09	10:59	NA	-24	Negative air flow	15	N/A	None
06/25/09	11:09	NA	-21	Negative air flow	15	N/A	None
06/25/09	11:19	NA	-18	Negative air flow	15	N/A	None
06/25/09	11:29	NA	-14	Negative air flow	15	N/A	None
06/25/09	11:39	NA	-10	Negative air flow	15	N/A	None
06/25/09	11:51	NA	-5	Negative air flow	15	N/A	None
06/25/09	12:02	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:49	12:02	73.0	6	82.19	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/25/09	12:02	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-257

General Notes

Size: 1Collected a sub slab sample as a near slab sample from the wine cellar located below the garage ... with a dirt/concrete floor. The sample was collected in the area of the concrete floor. The concrete was approximately 2 inches thick at this location. The soil gas probe was drive to 3.5 feet and hit refusal the probe was backfilled leak tested and sampled.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1194AA001**
Location ID: 1194
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	2602
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	06/16/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/25/09	10:50	NA	-30	Negative air flow	20	N/A	None
06/25/09	11:00	NA	-26	Negative air flow	18	N/A	None
06/25/09	11:10	NA	-22	Negative air flow	19	N/A	None
06/25/09	11:20	NA	-19	Negative air flow	22	N/A	None
06/25/09	11:30	NA	-14	Negative air flow	24	N/A	None
06/25/09	11:40	NA	-11	Negative air flow	20	N/A	None
06/25/09	11:52	NA	-6	Negative air flow	20	N/A	None
06/25/09	12:03	NA	-2	Negative air flow	22	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:50	12:03	73.0	6	82.19	Negative air flow	NA	-2	22	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/25/09	12:03	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-257

General Notes

Size: 1No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1201SG001**
Location ID: 1201
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Roberta Durante,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.2	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.3	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3238
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/05/09

Leak Test

Leak Test Start Date	03/26/2009	Leak Test Start Time	09:54
Leak Test End Date	03/26/2009	Leak Test End Time	10:02
Leak Test Duration (min)	8	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	150

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/26/09	10:04	NA	-30	Negative air flow	14	N/A	None
03/26/09	10:15	NA	-25	Negative air flow	15	N/A	None
03/26/09	10:26	NA	-21	Negative air flow	14	N/A	None
03/26/09	10:36	NA	-17	Negative air flow	13	N/A	None
03/26/09	10:46	NA	-12.5	Negative air flow	14	N/A	None
03/26/09	10:59	NA	-8	Negative air flow	15	N/A	None
03/26/09	11:05	NA	-5	Negative air flow	13	N/A	None
03/26/09	11:14	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:04	11:14	70.0	6	85.71	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/26/09	11:14	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-152

General Notes

Size: 1Sample collected as a near-slab sample in the front garden area just off the porch heading to the front entrance (see sketch).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1227SG001**
Location ID: 1227
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.1	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.2	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3193
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/05/09

Leak Test

Leak Test Start Date	03/20/2009	Leak Test Start Time	15:37
Leak Test End Date	03/20/2009	Leak Test End Time	15:53
Leak Test Duration (min)	16	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	125.00	Results of Leak Test (ppm-He)	575

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/20/09	15:55	NA	-29	Negative air flow	5	N/A	None
03/20/09	16:08	NA	-25	Negative air flow	4	N/A	None
03/20/09	16:21	NA	-20	Negative air flow	4	N/A	None
03/20/09	16:33	NA	-16	Negative air flow	4	N/A	None
03/20/09	16:46	NA	-11	Negative air flow	4	N/A	None
03/20/09	17:01	NA	-6	Negative air flow	4	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:55	17:01	66.0	6	90.91	Negative air flow	NA	-6	4	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/20/09	17:15	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-147

General Notes

Size: 1Sample collected as near-slab in stone walkway at front of house. Boring was made through a large grout spot between the stone on the request of the property manager. Property manager has POA for the landlord.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1312SG001**
Location ID: 1312
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Katie Conrad,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.1	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	2602
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/12/09

Leak Test

Leak Test Start Date	03/03/2009	Leak Test Start Time	09:43
Leak Test End Date	03/03/2009	Leak Test End Time	9:49
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	750

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/03/09	9:51	NA	-30	Negative air flow	12	N/A	Start 9:51
03/03/09	10:01	NA	-26	Negative air flow	10	N/A	None
03/03/09	10:11	NA	-21	Negative air flow	11	N/A	None
03/03/09	10:22	NA	-17	Negative air flow	11	N/A	None
03/03/09	10:32	NA	-12	Negative air flow	11	N/A	None
03/03/09	10:41	NA	-9	Negative air flow	12	N/A	None
03/03/09	10:51	NA	-5	Negative air flow	11	N/A	None
03/03/09	10:59	NA	-2	Negative air flow	11	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:51	10:59	68.0	6	88.24	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/03/09	10:59	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-110

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1315SG001**
Location ID: 1315
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3248
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	03/10/2009	Leak Test Start Time	11:54
Leak Test End Date	03/10/2009	Leak Test End Time	11:59
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/10/09	12:01	NA	-30	Negative air flow	17	N/A	START SAMPLE
03/10/09	12:20	NA	-23	Negative air flow	16	N/A	None
03/10/09	12:31	NA	-18	Negative air flow	16	N/A	None
03/10/09	12:45	NA	-12	Negative air flow	16	N/A	None
03/10/09	13:03	NA	-4.5	Negative air flow	16	N/A	None
03/10/09	13:10	NA	-2	Negative air flow	16	N/A	end sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
12:01	13:10	69.0	6	86.96	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/10/09	13:10	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-123

General Notes

Size: 2Sample location is a three story townhouse with top of garage being used as a terrace. LL lives in adjacent unit (not shown on drawing) and her mother in a converted room underneath US tenant's apartment. The home is terraced with the entrance level being approx. 10 ft. above nearby ground surface (the street). LL preferred that we sample as a near-slab in the terraced gardens. Sample team probed garden and found a spot approx. 8.5 ft from foundation. There was concern due to some underlying concrete layer discovered during probing. Sample team set up for a near slab and drove the stainless steel soil-vapor probe down to the depth of 6.5 ft. Sample team is unsure due to terraced gardens if sample probe is actually outside the base confine of terraced garden--top of garden is approx. 6 ft above street level but was unable to determine if there was a deeper concrete layer. Water samples were also taken at this location.
Note: Address given to sample team was for the city of Monteruscello. During interview process with LL it was determined that the sample location is in Giugliano in Campania. According to our GPS unit (TomTom) the location is in Quarto.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1332SG001-NS**
Location ID: 1332
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) Katie Conrad
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 3Sample scheduled for 1/6/2009. Emailed Soil Gas literature
tenant says there is a garage where you may be able to pull a soil gas sample. Consent form was mailed for sample collection and Landlord would not sign. Condo complex has multiple landlords.
No soil gas sample taken (tap water collected).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1334SG001**
Location ID: 1334
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3275
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	09/17/08

Leak Test

Leak Test Start Date	01/31/2009	Leak Test Start Time	10:31
Leak Test End Date	01/31/2009	Leak Test End Time	10:38
Leak Test Duration (min)	7	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	285.71	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/31/09	10:39	NA	-29	Negative air flow	8	N/A	None
01/31/09	10:50	NA	-25	Negative air flow	8	N/A	None
01/31/09	11:00	NA	-21	Negative air flow	8	N/A	None
01/31/09	11:11	NA	-16	Negative air flow	8	N/A	None
01/31/09	11:23	N/A	-11	Negative air flow	8	N/A	None
01/31/09	11:33	N/A	-7	Negative air flow	8	N/A	None
01/31/09	11:48	N/a	-2	Negative air flow	8	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:39	11:48	69.0	6	86.96	Negative air flow	N/a	-2	8	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/31/09	11:48	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-57

General Notes

Size: 2Landlord: Rosiello Giovanni
338-761-8222

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1344SG001-NS**
Location ID: 1344
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) Robin Clark
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 2Property visited on 12/18/08.
4th floor apartment - no soil gas or soil samples collected.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1345SG001-NS**
Location ID: 1345
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) Patrick Leonard
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 2Property visited on 12/10/08.
Bldg has a yard in back but tenant has no access and gate to yard is locked. No soil gas or soil samples taken.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1346SG001-NS**
Location ID: 1346
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) Chuck Kelly,Patrick Leonard
MS/MSD: N/A

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 2Location visited on 11/21/08. House doesn't have a yard.
No soil gas or soil samples collected.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1351SG001-NS**
Location ID: 1351
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) Andrea Gnoffo,Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 106/04/09 - Per schedule and site recon - No suitable location for ASG at this location. Location is an apartment building with tenant on 5th floor. No ASG planned or collected from 1351.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1355SG001-NS**
Location ID: 1355
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: N/A

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 111/24/2008: No soil gas sample was collected from this location. The location is an apartment building with the apartment being on the fifth floor. There were no untiled areas on the ground floor to access soil. In addition access was not granted by the owners board of the apartment building for access. We can try to reschedule with the landlord later.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1356SG001-NS**
Location ID: 1356
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 105/21/2009: No soil gas sample collected - location is apartment.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1363SG001**
Location ID: 1363
QC Duplicate ID: FDSG021709-01

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3075
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	10/29/08

Leak Test

Leak Test Start Date	02/17/2009	Leak Test Start Time	14:01
Leak Test End Date	02/17/2009	Leak Test End Time	14:06
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	1725

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/17/09	14:09	NA	-30	Negative air flow	7	N/A	FD = -30
02/17/09	14:21	NA	-25.5	Negative air flow	7	N/A	FD = -25
02/17/09	14:32	NA	-21	Negative air flow	6	N/A	FD = -20
02/17/09	14:42	NA	-17	Negative air flow	6	N/A	FD = -16
02/17/09	14:52	NA	-12	Negative air flow	6	N/A	FD = -11
02/17/09	15:02	NA	-7	Negative air flow	6	N/A	FD = -7
02/17/09	15:12	NA	-4	Negative air flow	6	N/A	FD = -3
02/17/09	15:17	NA	-3	Negative air flow	6	N/A	FD = -2

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:09	15:17	68.0	6	88.24	Negative air flow	NA	-3	6	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/17/09	15:17	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-82

General Notes

Size: 6Field dup collected during this sample.
The sample information for this Summa is as follows:
Gauge used: FC22
Summa serial # = 3202
Summa model # = 24182-650
Leak check date: 2/3/2009

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1364SG001**
Location ID: 1364
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	4.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3157
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/05/08

Leak Test

Leak Test Start Date	01/28/2009	Leak Test Start Time	13:40
Leak Test End Date	01/28/2009	Leak Test End Time	13:48
Leak Test Duration (min)	8	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/28/09	13:56	NA	-28.5	Negative air flow	12.5	N/A	Start sample
01/28/09	14:16	NA	-20	Negative air flow	11	N/A	None
01/28/09	14:37	NA	-12	Negative air flow	11	N/A	None
01/28/09	14:53	NA	-5	Negative air flow	11	N/A	None
01/28/09	15:00	NA	-2	Negative air flow	11	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:56	15:00	64.0	6	93.75	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/28/09	15:05	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-54

General Notes

Size: 1A stand alone home with two units (above/below). Ground floor is used by Landlord and 2nd floor unit is used by US tenant. Soil gas sampling took place in backyard as a near slab in a grassy area approx. 5 feet from home (see sketch). Soil probe was set at a depth of approx. 5 ft bgs.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1370SG001**
Location ID: 1370
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	PE tubing
Bottom Depth of Probe(ft-bgs)	0.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3125
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	08/11/08

Leak Test

Leak Test Start Date	01/09/2009	Leak Test Start Time	10:43
Leak Test End Date	01/09/2009	Leak Test End Time	10:50
Leak Test Duration (min)	7	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	285.71	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/09/09	10:51	NA	-30	Negative air flow	9	N/A	Start Purge
01/09/09	11:53	NA	-2	Negative air flow	9	N/A	End Purge

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:51	11:53	62.0	6	96.77	Negative air flow	NA	-2	9	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/09/09	11:53	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-21

General Notes

Size: 366" from end of driveway (where tile begins).
32" from near bldg. wall.
83" from far property divide wall.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1384SG001**
Location ID: 1384
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) Mike Jaynes,Chuck Meyer
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3758
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/05/09

Leak Test

Leak Test Start Date	03/21/2009	Leak Test Start Time	10:23
Leak Test End Date	03/21/2009	Leak Test End Time	10:30
Leak Test Duration (min)	7	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	142.86	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/21/09	10:33	NA	-30	Negative air flow	10	N/A	None
03/21/09	10:44	NA	-25.5	Negative air flow	10	N/A	None
03/21/09	10:56	NA	-21	Negative air flow	10	N/A	None
03/21/09	11:03	NA	-17	Negative air flow	10	N/A	None
03/21/09	11:14	NA	-13	Negative air flow	10	N/A	None
03/21/09	11:23	NA	-9	Negative air flow	10	N/A	None
03/21/09	11:35	NA	-5	Negative air flow	10	N/A	None
03/21/09	11:43	NA	-2	Negative air flow	10	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:33	11:43	70.0	6	85.71	Negative air flow	NA	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/21/09	11:45	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-147

General Notes

Size: 23/14/09 - Sample was not collected due to no power in the vicinity of the sample location. The apartment is on the 3rd floor of the building and the sample is to be collected in the basement. The only available power outlet was in this 3rd floor apartment. Sample team did not have enough extension cord to reach that far (~300 feet). An attempt was made to find a local hardware store nearby to purchase the extensions needed however this was unsuccessful. Contact indicated she would rather reschedule for another day. A tap water sample was collected.
Additional Notes on 3/21/09 - 2nd visit was made with several extension cords power was accessed from 3rd floor apartment. Drilled through "tuffo" (limestone) basement to a depth of approx. 2 ft-bls fairly easy. Sample was collected as a sub-slab using standard set-up.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1385SG001-NS**
Location ID: 1385
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 2Property visited on 12/12/08. Apartment building without yard.
No soil gas or soil samples taken.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1389SG001**
Location ID: 1389
QC Duplicate ID: N/A

Lead Sampler: William Olson
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.1	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.33	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3244
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/01/09

Leak Test

Leak Test Start Date	04/15/2009	Leak Test Start Time	13:40
Leak Test End Date	04/15/2009	Leak Test End Time	13:49
Leak Test Duration (min)	9	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	222.22	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/15/09	13:50	NA	-30	Negative air flow	16	N/A	None
04/15/09	14:09	NA	-22.5	Negative air flow	15	N/A	None
04/15/09	14:26	NA	-15	Negative air flow	15	N/A	None
04/15/09	14:47	NA	-7	Negative air flow	15	N/A	None
04/15/09	15:01	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:50	15:01	71.0	6	84.51	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/15/09	15:01	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-186

General Notes

Size: 1ASG sample is sub-slab in garage at ground floor of 5-story building. Building foundation cuts back into tuff hillside. Tuff forms back wall of garage which is partly plastered. Garage floor about 1 inch of concrete over tuff. Garage used for car parking and storage.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1401SG001-NS**
Location ID: 1401
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Mike Jaynes,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 2Feb 28th 2009:
Location not sampled for soil gas because of there wasn't any place to drill a hole. Landlord wanted to drill through the a tiled window sill. The window was in a main wall of the building and would likely have more than a meter of concrete to drill through. In addition the 'soil' underneath the building would likely be "tufo" or volcanic rock. The landlord did not own any other places that could be used for a soil gas sample location. In addition the location was not sampled for TW or SS.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1402SG001-NS**
Location ID: 1402
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) N/A
MS/MSD: N/A

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 2Residence visited on 11/21/08. Apartment building with tenant living on the 2nd floor. There was no yard.
No soil gas or soil samples was taken.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1443SG001**
Location ID: 1443
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Patrick Leonard
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.6	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC 20
Sample Canister	Yes	Sample Canister Serial Number	3250
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/06/08

Leak Test

Leak Test Start Date	01/21/2009	Leak Test Start Time	10:45
Leak Test End Date	01/21/2009	Leak Test End Time	10:52
Leak Test Duration (min)	7	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	285.71	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/21/09	10:57	NA	-29.5	Negative air flow	14	N/A	None
01/21/09	11:15	NA	-22	Negative air flow	14	N/A	None
01/21/09	11:28	NA	-15.5	Negative air flow	13.5	N/A	None
01/21/09	11:43	-NA	-10	Negative air flow	13	N/A	None
01/21/09	12:02	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:57	12:02	65.0	6	92.31	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/21/09	12:03	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-37

General Notes

Size: 12 Story duplex. Sample location in basement through 6 inches of concrete.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1450SG001**
Location ID: 1450
QC Duplicate ID: N/A

Lead Sampler: William Olson
Additional Sampler(s) Roberta Durante,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	3786
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	03/31/2009	Leak Test Start Time	09:38
Leak Test End Date	03/31/2009	Leak Test End Time	9:43
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	450

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/31/09	9:44	NA	-30	Negative air flow	18	N/A	None
03/31/09	10:06	NA	-21.5	Negative air flow	19	N/A	None
03/31/09	10:33	NA	-10	Negative air flow	18	N/A	None
03/31/09	10:47	NA	-5	Negative air flow	19	N/A	None
03/31/09	11:03	NA	-2	Negative air flow	19	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:44	11:03	79.0	6	75.95	Negative air flow	NA	-2	19	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/31/09	11:04	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-161

General Notes

Size: 1House is two story unit at end of apartment block. ASG is near slab in grass area at the west end of the house.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1456SG001**
Location ID: 1456
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.0	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.1	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC22
Sample Canister	Yes	Sample Canister Serial Number	3076
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/20/09

Leak Test

Leak Test Start Date	03/06/2009	Leak Test Start Time	10:59
Leak Test End Date	03/06/2009	Leak Test End Time	11:05
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	2125

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/06/09	11:08	NA	-30	Negative air flow	6	N/A	None
03/06/09	11:16	NA	-27	Negative air flow	4	N/A	None
03/06/09	11:33	NA	-21	Negative air flow	4	N/A	None
03/06/09	11:41	NA	-18	Negative air flow	4	N/A	None
03/06/09	11:50	NA	-14	Negative air flow	4	N/A	None
03/06/09	12:00	NA	-10	Negative air flow	4	N/A	None
03/06/09	12:09	NA	-6	Negative air flow	4	N/A	None
03/06/09	12:17	NA	-2	Negative air flow	4	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:08	12:17	69.0	6	86.96	Negative air flow	NA	-2	4	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/06/09	12:18	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-114

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1459SG001**
Location ID: 1459
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3229
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/20/08

Leak Test

Leak Test Start Date	02/04/2009	Leak Test Start Time	10:52
Leak Test End Date	02/04/2009	Leak Test End Time	10:57
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/04/09	10:59	na	-27	Negative air flow	12	N/A	None
02/04/09	11:09	na	-23	Negative air flow	13	N/A	None
02/04/09	11:22	na	-18	Negative air flow	13	N/A	None
02/04/09	11:31	na	-13	Negative air flow	12	N/A	None
02/04/09	11:46	na	-6	Negative air flow	14	N/A	None
02/04/09	11:58	na	-3	Negative air flow	13	N/A	None
02/04/09	12:01	na	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:59	12:01	62.0	6	96.77	Negative air flow	na	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/04/09	12:05	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-62

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1517SG001-NS**
Location ID: 1517
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 27/7/2009: see ambient air log 1517AA001-NS for additional details.
No sample was collected from this location because the landlord did not sign the access agreement for soil gas sampling.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1517AA001-NS**
Location ID: 1517
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Other - see Notes

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3178
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/14/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/07/09	10:03	NA	-27	Negative air flow	27	N/A	None
07/07/09	10:13	NA	-23	Negative air flow	27	N/A	None
07/07/09	10:23	NA	-18.5	Negative air flow	28	N/A	None
07/07/09	10:33	NA	-14	Negative air flow	28	N/A	None
07/07/09	10:43	NA	-11	Negative air flow	28	N/A	None
07/07/09	10:53	NA	-7	Negative air flow	29	N/A	None
07/07/09	11:03	NA	-3	Negative air flow	29	N/A	None
07/07/09	11:07	NA	-2	Negative air flow	29	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
4:03	5:07	64.0	6	93.75	Negative air flow	NA	-2	29	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/07/09	11:07	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	Sample collected but instructed not to ship	N/A

General Notes

Size: 3The sample was collected from the outdoor dining area 30 feet from the bridge side wall 10 feet from the house wall and 21 feet from the stairs to the back yard at approx 5'in height directly through the regulator. There was no soil gas associated with this location due to the landlords denial of access for the soil gas sample. Access was granted by the tenant for the ambient air sample only.
Per direction from the project team during weekly conference call
this sample was not sent to the laboratory since a corresponding soil gas sample was not possible.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1529SG001**
Location ID: 1529
QC Duplicate ID: N/A

Lead Sampler: William Olson
Additional Sampler(s) Roberta Durante,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3249
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/07/09

Leak Test

Leak Test Start Date	04/08/2009	Leak Test Start Time	13:50
Leak Test End Date	04/08/2009	Leak Test End Time	13:54
Leak Test Duration (min)	4	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/08/09	13:55	NA	-30	Negative air flow	17	N/A	None
04/08/09	14:06	NA	-25.5	Negative air flow	15.5	N/A	None
04/08/09	14:16	NA	-21	Negative air flow	16	N/A	None
04/08/09	14:23	NA	-19	Negative air flow	17	N/A	None
04/08/09	14:32	NA	-14	Negative air flow	17	N/A	None
04/08/09	14:44	NA	-10	Negative air flow	16	N/A	None
04/08/09	15:01	NA	-3	Negative air flow	15	N/A	None
04/08/09	15:05	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:55	15:05	70.0	6	85.71	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/08/09	15:05	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-180

General Notes

Size: 1ASG is near slab in garden area adjacent to kitchen area. Basement and garage are tiled. House is 2-story duplex with basement and below grade garage. Tenants have occupied house 20 months.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1562SG001**
Location ID: 1562
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	3068
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	02/23/2009	Leak Test Start Time	09:55
Leak Test End Date	02/23/2009	Leak Test End Time	10:00
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/23/09	10:02	NA	-30	Negative air flow	11	N/A	Start purge/sampling.
02/23/09	10:17	NA	-25	Negative air flow	11	N/A	None
02/23/09	10:28	NA	-20	Negative air flow	11	N/A	None
02/23/09	10:41	NA	-14	Negative air flow	11	N/A	None
02/23/09	10:51	NA	-10	Negative air flow	11	N/A	None
02/23/09	11:06	NA	-5	Negative air flow	11	N/A	None
02/23/09	11:10	NA	-4	Negative air flow	11	N/A	None
02/23/09	11:18	NA	-2	Negative air flow	11	N/A	Stop purge/sampling.

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:02	11:18	76.0	6	78.95	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/23/09	11:18	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-94

General Notes

Size: 2Soil-gas sample collected from basement of drive-in garage. Single family home two stories white with gray steel fence and electric gate entrance.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1566SG001-NS**
Location ID: 1566
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 15/29/2009: Tap water sample only. No soil gas sample collected.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1569SG001**
Location ID: 1569
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Katie Conrad,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3184
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/13/08

Leak Test

Leak Test Start Date	02/03/2009	Leak Test Start Time	10:45
Leak Test End Date	02/03/2009	Leak Test End Time	10:50
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/03/09	10:53	NA	-29	Negative air flow	15	N/A	None
02/03/09	11:04	na	-25	Negative air flow	15	N/A	None
02/03/09	11:13	NA	-21	Negative air flow	16	N/A	None
02/03/09	11:22	NA	-17	Negative air flow	16	N/A	None
02/03/09	11:33	NA	-12	Negative air flow	16	N/A	None
02/03/09	11:44	N/A	-8	Negative air flow	15	N/A	None
02/03/09	11:53	N/A	-5	Negative air flow	16	N/A	None
02/03/09	12:03	NA	-2	Negative air flow	10	N/A	Sample ended

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:53	12:03	70.0	6	85.71	Negative air flow	NA	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/03/09	12:04	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-62

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1570SG001**
Location ID: 1570
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Roberta Durante,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.2	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.4	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3275
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/13/09

Leak Test

Leak Test Start Date	03/19/2009	Leak Test Start Time	13:22
Leak Test End Date	03/19/2009	Leak Test End Time	13:28
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	2475

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/19/09	13:29	NA	-30	Negative air flow	12	N/A	None
03/19/09	13:39	NA	-26	Negative air flow	11	N/A	None
03/19/09	13:59	NA	-18	Negative air flow	11	N/A	None
03/19/09	14:19	NA	-9	Negative air flow	11	N/A	None
03/19/09	14:29	NA	-6	Negative air flow	11	N/A	None
03/19/09	14:40	NA	-2	Negative air flow	11	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:29	14:40	71.0	6	84.51	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/19/09	14:40	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-141

General Notes

Size: 1Sample collected as a straight forward sub-slab in a garage with a concrete slab covered with a thin asphalt layer.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1633SG001**
Location ID: 1633
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.8	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3222
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	10/30/08

Leak Test

Leak Test Start Date	02/12/2009	Leak Test Start Time	09:57
Leak Test End Date	02/12/2009	Leak Test End Time	10:03
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	25

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/12/09	10:04	NA	-29	Negative air flow	6	N/A	None
02/12/09	10:16	NA	-25	Negative air flow	6	N/A	None
02/12/09	10:23	NA	-21	Negative air flow	6	N/A	None
02/12/09	10:35	NA	-17	Negative air flow	6	N/A	None
02/12/09	10:44	NA	-12	Negative air flow	6	N/A	None
02/12/09	10:55	NA	-9	Negative air flow	6	N/A	None
02/12/09	11:05	NA	-5	Negative air flow	6	N/A	None
02/12/09	11:13	NA	-2	Negative air flow	6	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:04	11:13	69.0	6	86.96	Negative air flow	NA	-2	6	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/12/09	11:14	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-77

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1635SG001**
Location ID: 1635
QC Duplicate ID: N/A

Lead Sampler: Charlie Warino
Additional Sampler(s) Robert Simcik,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3759
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/11/09

Leak Test

Leak Test Start Date	04/03/2009	Leak Test Start Time	09:42
Leak Test End Date	04/03/2009	Leak Test End Time	9:53
Leak Test Duration (min)	11	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	90.91	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/03/09	9:54	NA	-30	Negative air flow	15	N/A	None
04/03/09	10:18	NA	-20	Negative air flow	15	N/A	None
04/03/09	10:29	NA	-14	Negative air flow	15	N/A	None
04/03/09	10:43	NA	-8	Negative air flow	14	N/A	None
04/03/09	11:03	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:54	11:03	69.0	6	86.96	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/03/09	11:03	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-171

General Notes

Size: 1ASG collected in basement of building.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1638SG001-NS**
Location ID: 1638
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1Location visited on 1/26/2009 (soil sample 1638SS0010006 and tap water 1638TW001) and again on 5/27/2009 (1638TW002 for rad speciation) only. No soil gas sample collected.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1659SG001**
Location ID: 1659
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Robert Simcik,Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.33	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-38
Sample Canister	Yes	Sample Canister Serial Number	2886
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/03/09

Leak Test

Leak Test Start Date	04/18/2009	Leak Test Start Time	10:21
Leak Test End Date	04/18/2009	Leak Test End Time	10:37
Leak Test Duration (min)	16	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	125.00	Results of Leak Test (ppm-He)	125

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/18/09	10:50	NA	-30	Negative air flow	13	N/A	None
04/18/09	11:00	NA	-26	Negative air flow	13	N/A	None
04/18/09	11:10	NA	-22	Negative air flow	13	N/A	None
04/18/09	11:20	NA	-18	Negative air flow	13	N/A	None
04/18/09	11:30	NA	-14	Negative air flow	13	N/A	None
04/18/09	11:40	NA	-10	Negative air flow	13	N/A	None
04/18/09	11:50	NA	-6	Negative air flow	13	N/A	None
04/18/09	12:00	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:50	12:00	70.0	6	85.71	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/18/09	12:00	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-191

General Notes

Size: 1Concrete slab was approximately 4 inces thick. The samlpe location was in the front right of the building.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1694SG001**
Location ID: 1694
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,Steve Cooper
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	2.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	2599
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/26/09

Leak Test

Leak Test Start Date	03/07/2009	Leak Test Start Time	10:21
Leak Test End Date	03/07/2009	Leak Test End Time	10:26
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
03/07/09	10:29	NA	-29.5	Negative air flow	14	N/A	Start Sample
03/07/09	10:40	NA	-25	Negative air flow	14	N/A	None
03/07/09	10:59	NA	-17	Negative air flow	14	N/A	None
03/07/09	11:12	NA	-9	Negative air flow	13	N/A	None
03/07/09	11:35	NA	-2	Negative air flow	13	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
10:29	11:35	66.0	6	90.91	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/07/09	11:35	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-116

General Notes

Size: 1Sample location is a two-story villa with a subterranean garage. The garage was chosen as the sampling location for soil-gas. During the interview process with both tenant and LL the sampling team noticed that the garage was covered with asphalt (black top). Asphalt was approx. 4 years old. It was decided to sample as a sub-slab in the garage by using the soil-vapor probe to put some distance between the probe inlet and the asphalt. Sample team drilled down 1.5 ft through asphalt/concrete and then drove the soil-vapor probe down 3 ft. In addition the sample team made an effort to make a bentonite seal beneath the 1 cm thick asphalt cover as well. During drilling of the sample hole the pulverized foundation debris appeared more chalk like with slightly yellow/gray color(10YR 7/1) and adhered to the drill bit in a manner similar to a clay which was different than other foundations experienced by these sample team members to date. It is possible that there was less aggregate in the cement at time of pouring. Sample team noted multiple areas of staining on the floor--some of which may be from water. It should also be noted that the US tenant has multiple motorcycles in the garage and when asked has admitted to spilling petroleum based products on the garage floor.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1699SG001**
Location ID: 1699
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3752
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/15/09

Leak Test

Leak Test Start Date	05/08/2009	Leak Test Start Time	15:46
Leak Test End Date	05/08/2009	Leak Test End Time	15:52
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	50

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
05/08/09	15:53	NA	-30	Negative air flow	26	N/A	None
05/08/09	16:04	NA	-26	Negative air flow	25	N/A	None
05/08/09	16:14	NA	-22	Negative air flow	25	N/A	None
05/08/09	16:24	NA	-18	Negative air flow	25	N/A	None
05/08/09	16:34	NA	-14	Negative air flow	25	N/A	None
05/08/09	16:44	NA	-10	Negative air flow	23	N/A	None
05/08/09	16:54	NA	-6	Negative air flow	24	N/A	None
05/08/09	17:06	NA	-2	Negative air flow	24	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:53	17:06	73.0	6	82.19	Negative air flow	NA	-2	24	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/08/09	17:06	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-218

General Notes

Size: 1The sample was moved 3 times before hand auguring to 4 feet. Refusal depths ranged form 1 to 2 feet on what appeared to be concrete. As previously stated the sample point was hand augured to 4 feet the probe rod was driven to 6.5 feet back filled and sealed.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1704SG001**
Location ID: 1704
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3208
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/15/09

Leak Test

Leak Test Start Date	04/29/2009	Leak Test Start Time	09:54
Leak Test End Date	04/29/2009	Leak Test End Time	10:04
Leak Test Duration (min)	10	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	2925

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/29/09	10:07	NA	-30	Negative air flow	12	N/A	None
04/29/09	10:19	NA	-25	Negative air flow	13	N/A	None
04/29/09	10:32	NA	-19	Negative air flow	13	N/A	None
04/29/09	10:52	NA	-11	Negative air flow	13	N/A	None
04/29/09	11:06	NA	-6	Negative air flow	13	N/A	None
04/29/09	11:17	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:07	11:17	70.0	6	85.71	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/29/09	11:17	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-208

General Notes

Size: 2Sample was collected from the back yard near slab adjacent to porch. The hand auger was used to advance the hole to four feet to clear utilities. Top soil was noted to a depth of approximately 2 feet native soil was observed to 4 feet. The probe rod was driven to 6.5 feet and backfilled with removed soil and capped with clay. The weather was cloudy with showers early
clearing and sunny by mid-morning.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1742SG001**
Location ID: 1742
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	4	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3074
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/20/09

Leak Test

Leak Test Start Date	03/23/2009	Leak Test Start Time	09:41
Leak Test End Date	03/23/2009	Leak Test End Time	9:46
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
03/23/09	9:54	NA	-28.5	Negative air flow	12	N/A	Start Sample
03/23/09	10:14	NA	-21	Negative air flow	12	N/A	None
03/23/09	10:33	NA	-12.5	Negative air flow	11	N/A	None
03/23/09	10:50	NA	-6	Negative air flow	11	N/A	None
03/23/09	11:00	NA	-2	Negative air flow	11	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
9:54	11:00	66.0	6	90.91	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/23/09	11:00	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-147

General Notes

Size: 3Sample location is a two story villa with a subterranean garage. Sampling took place as a sub-slab in the garage. Sample team drilled through 3.5 ft of concrete and fill material and reached a clay layer beneath slab and set the Teflon tubing inlet at approx 4 ft.
Note: Residence does not display a house number but residence 20 does and 20 and 22 both share a common driveway and both are enclosed in a common fence.
Garage is used to store normal mechanical fluids (etc. oil...brake fluid...solvents).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1749SG001**
Location ID: 1749
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Chuck Conrad
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.8	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5.9	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	2602
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	10/30/08

Leak Test

Leak Test Start Date	01/24/2009	Leak Test Start Time	10:46
Leak Test End Date	01/24/2009	Leak Test End Time	10:51
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/24/09	10:53	NA	-29	Negative air flow	13	N/A	None
01/24/09	11:03	NA	-25	Negative air flow	13	N/A	None
01/24/09	11:13	NA	-21	Negative air flow	13	N/A	None
01/24/09	11:23	NA	-17	Negative air flow	14	N/A	None
01/24/09	11:32	NA	-13	Negative air flow	14	N/A	None
01/24/09	11:43	NA	-9	Negative air flow	14	N/A	None
01/24/09	11:53	NA	-5	Negative air flow	14	N/A	None
01/24/09	12:02	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:53	12:02	69.0	6	86.96	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/24/09	12:02	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-49

General Notes

Size: 1Sample done in rain as a near slab sample

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1751AA001**
Location ID: 1751
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3123
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/16/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/08/09	14:12	NA	-30	Negative air flow	28	N/A	None
07/08/09	14:42	NA	-20	Negative air flow	28	N/A	None
07/08/09	15:02	NA	-11	Negative air flow	28	N/A	None
07/08/09	15:27	NA	-2	Negative air flow	28	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:12	15:27	75.0	6	80.0	Negative air flow	NA	-2	28	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/08/09	15:27	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-267

General Notes

Size: 2The sample was collected upwind of the actual sample in order to collect a background ambient air sample.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1751SG001**
Location ID: 1751
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.65	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3220
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/16/09

Leak Test

Leak Test Start Date	07/08/2009	Leak Test Start Time	13:56
Leak Test End Date	07/08/2009	Leak Test End Time	14:03
Leak Test Duration (min)	7	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	142.86	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/08/09	14:06	NA	-30	Negative air flow	24	N/A	None
07/08/09	14:16	NA	-27	Negative air flow	25	N/A	None
07/08/09	14:41	NA	-16	Negative air flow	25	N/A	None
07/08/09	15:01	NA	-8	Negative air flow	25	N/A	None
07/08/09	15:19	NA	-2	Negative air flow	25	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:06	15:19	73.0	6	82.19	Negative air flow	NA	-2	25	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/08/09	15:19	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-267

General Notes

Size: 1The sample was collected as a sub slab sample. The slab thickness was approximately 8 inches. The boring was drilled to 1 foot and the sample tubing was set at 0.7 feet

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1756AA001**
Location ID: 1756
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC38
Sample Canister	Yes	Sample Canister Serial Number	3078
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/28/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/16/09	14:39	NA	-30	Negative air flow	25	N/A	None
06/16/09	14:39	NA	-30	Negative air flow	25	N/A	None
06/16/09	14:52	NA	-24	Negative air flow	25	N/A	None
06/16/09	15:04	NA	-21	Negative air flow	25	N/A	None
06/16/09	15:12	NA	-17	Negative air flow	25	N/A	None
06/16/09	15:22	NA	-13	Negative air flow	25	N/A	None
06/16/09	15:32	NA	-8	Negative air flow	25	N/A	None
06/16/09	15:42	NA	-4	Negative air flow	25	N/A	None
06/16/09	15:48	NA	-2	Negative air flow	25	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:39	15:48	69.0	6	86.96	Negative air flow	NA	-2	25	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/16/09	15:48	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-254

General Notes

Size: 1No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1756SG001**
Location ID: 1756
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3131
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/07/09

Leak Test

Leak Test Start Date	06/16/2009	Leak Test Start Time	14:29
Leak Test End Date	06/16/2009	Leak Test End Time	14:37
Leak Test Duration (min)	8	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/16/09	14:39	NA	-30	Negative air flow	25	N/A	None
06/16/09	14:52	NA	-24	Negative air flow	25	N/A	None
06/16/09	15:04	NA	-21	Negative air flow	25	N/A	None
06/16/09	15:12	NA	-17	Negative air flow	25	N/A	None
06/16/09	15:22	NA	-13	Negative air flow	25	N/A	None
06/16/09	15:32	NA	-10	Negative air flow	25	N/A	None
06/16/09	15:42	NA	-6	Negative air flow	25	N/A	None
06/16/09	15:56	NA	-2	Negative air flow	25	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:39	15:56	77.0	6	77.92	Negative air flow	NA	-2	25	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/16/09	15:56	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-254

General Notes

Size: 1The house is built on a slab and there were no untilled areas within the home so a near slab sample was collected. The sample was collected from behind the house in a grassy area between the back wall of the house and the back wall of the property. The sample was collected from 6.3 to 6.5 feet using the soil gas probe. For additional information see Map for soil gas location 1756SG001.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1766SG001**
Location ID: 1766
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3066
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/07/09

Leak Test

Leak Test Start Date	05/18/2009	Leak Test Start Time	17:17
Leak Test End Date	05/18/2009	Leak Test End Time	17:21
Leak Test Duration (min)	4	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	500.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
05/18/09	17:25	NA	-30	Negative air flow	25	N/A	None
05/18/09	17:35	NA	-26	Negative air flow	25	N/A	None
05/18/09	17:46	NA	-21	Negative air flow	24	N/A	None
05/18/09	17:55	NA	-17	Negative air flow	24	N/A	None
05/18/09	18:04	NA	-13	Negative air flow	24	N/A	None
05/18/09	18:16	NA	-9	Negative air flow	23	N/A	None
05/18/09	18:25	NA	-5	Negative air flow	23	N/A	None
05/18/09	18:35	NA	-2	Negative air flow	22	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
17:25	18:35	70.0	6	85.71	Negative air flow	NA	-2	22	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/18/09	18:35	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-227

General Notes

Size: 1The sample was a near slab sample due to tilled floor on the basement. The LL approved the location. Concrete was 6" to soil. The probe rods were driven to 6.5'. The collection area was 6.4' to 6.5'.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1771SG001**
Location ID: 1771
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3181
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/26/09

Leak Test

Leak Test Start Date	06/11/2009	Leak Test Start Time	15:43
Leak Test End Date	06/11/2009	Leak Test End Time	15:48
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/11/09	15:50	NA	-29	Negative air flow	19	N/A	None
06/11/09	16:00	NA	-25	Negative air flow	21	N/A	None
06/11/09	16:10	NA	-21	Negative air flow	20	N/A	None
06/11/09	16:20	NA	-17	Negative air flow	19	N/A	None
06/11/09	16:20	NA	-13	Negative air flow	19	N/A	None
06/11/09	16:40	NA	-9	Negative air flow	19	N/A	None
06/11/09	16:50	NA	-5	Negative air flow	19	N/A	None
06/11/09	17:00	NA	-2	Negative air flow	19	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:50	17:00	70.0	6	85.71	Negative air flow	NA	-2	19	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/11/09	17:00	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-249

General Notes

Size: 1The sample was collected from the central portion of the garage as a sub-slab. The tubing was installed to a depth of 0.8 feet and the total depth of the boring was 1.0 feet.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1771AA001**
Location ID: 1771
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-38
Sample Canister	Yes	Sample Canister Serial Number	3268
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/26/08

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/11/09	15:50	NA	-30	Negative air flow	19	N/A	None
06/11/09	16:00	NA	-26	Negative air flow	21	N/A	None
06/11/09	16:10	NA	-21	Negative air flow	20	N/A	None
06/11/09	16:20	NA	-17	Negative air flow	19	N/A	None
06/11/09	16:30	NA	-13	Negative air flow	19	N/A	None
06/11/09	16:40	NA	-9	Negative air flow	19	N/A	None
06/11/09	16:50	NA	-5	Negative air flow	19	N/A	None
06/11/09	17:00	NA	-2	Negative air flow	19	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:50	17:00	70.0	6	85.71	Negative air flow	NA	-2	19	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/11/09	17:00	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-249

General Notes

Size: 2The sample was collected from the driveway wall elevated approximately 15 feet above and up gradient of the sample location point. The sample was a sub-slab from the garage area of the house.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1780SG001-NS**
Location ID: 1780
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 12/16/2009: LL does not have permission to collected soil gas from common areas (near slab) therefore no water or soil or soil gas samples were collected. May return at a later date with permission from the association.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1785SG001**
Location ID: 1785
QC Duplicate ID: FDSG041709-01

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.2	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.4	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3755
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/27/09

Leak Test

Leak Test Start Date	04/17/2009	Leak Test Start Time	10:54
Leak Test End Date	04/17/2009	Leak Test End Time	11:03
Leak Test Duration (min)	9	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	222.22	Results of Leak Test (ppm-He)	125

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
04/17/09	11:09	NA	-30	Negative air flow	14.5	N/A	FD = -30
04/17/09	11:20	NA	-25	Negative air flow	14.5	N/A	FD = -25
04/17/09	11:30	NA	-21	Negative air flow	14.5	N/A	FD = -21
04/17/09	11:40	NA	-17	Negative air flow	14.5	N/A	FD = -16.5
04/17/09	11:50	NA	-12	Negative air flow	14.5	N/A	FD = -12.5
04/17/09	12:00	NA	-9	Negative air flow	14.5	N/A	FD = -9
04/17/09	12:14	NA	-3	Negative air flow	14.5	N/A	FD = -2.5
04/17/09	12:16	NA	-2.5	Negative air flow	15	N/A	FD = -2

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
11:09	12:16	67.0	6	89.55	Negative air flow	NA	-2.5	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/17/09	12:16	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-188

General Notes

Size: 5Duplicate canister info:
gauge FC38
serial 3110
model 24182-650
leak check date 03/30/2009

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1788SG001**
Location ID: 1788
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3073
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/02/09

Leak Test

Leak Test Start Date	03/03/2009	Leak Test Start Time	10:17
Leak Test End Date	03/03/2009	Leak Test End Time	10:22
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	275

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/03/09	10:24	NA	-29.5	Negative air flow	16	N/A	Start Sample
03/03/09	10:35	NA	-26	Negative air flow	16	N/A	None
03/03/09	11:00	NA	14	Negative air flow	16	N/A	None
03/03/09	11:17	NA	-7	Negative air flow	16	N/A	None
03/03/09	11:32	NA	-2	Negative air flow	16	N/A	The original COC ED00000090-110 was issued at 16:41 on March 3

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:24	11:32	68.0	6	88.24	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/03/09	11:33	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-110

General Notes

Size: 1Sample location is a three story Townhouse. This location was sampled in the backyard area of bldg. Sample team probed backyard with tile probe and discovered that grassy area has approx. 6" of soil that covers a cement cap. LL was unaware of cement's presence but was sure that no utilities were in area. Sample team did a utility check with Cable locator/magnetic probe and visual check of surrounding area as well. Sample team drilled through approx. 3' of cement. A stainless steel sample vapor probe was then driven down approx 6.5' then capped with bentonite and clay. Sampled location as a near slab.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1794SG001**
Location ID: 1794
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Katie Conrad,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3118
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	10/31/08

Leak Test

Leak Test Start Date	02/12/2009	Leak Test Start Time	14:00
Leak Test End Date	02/12/2009	Leak Test End Time	14:05
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	225

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/12/09	14:07	NA	-27	Negative air flow	10	N/A	None
02/12/09	14:16	NA	-24	Negative air flow	9	N/A	None
02/12/09	14:27	NA	-19	Negative air flow	9	N/A	None
02/12/09	14:37	NA	-15	Negative air flow	9	N/A	None
02/12/09	14:47	NA	-11	Negative air flow	8	N/A	None
02/12/09	14:57	NA	-7	Negative air flow	9	N/A	None
02/12/09	15:12	NA	-2	Negative air flow	9	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:07	15:12	65.0	6	92.31	Negative air flow	NA	-2	9	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/12/09	15:12	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-77

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1808SG001-NS**
Location ID: 1808
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 42/9/2009:
Property visited but the LL was unavailable to sign consent forms. Only the landlord's daughter and wife were present but neither had POA. It was mentioned that the apartment building was owned by two landlords
each owning half of the rooms. Appointment rescheduled until the landlords can sign consent forms.
At that time the SG sample will likely be a Near-Slab through the asphalt next to the house because garage was completely tiled.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1810SG001**
Location ID: 1810
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Katie Conrad,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.23	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.33	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3208
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	12/04/08

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	08:49 AM
Leak Test End Date	N/A	Leak Test End Time	8:54
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	1.2	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
01/23/09	14:49	na	na	Low-flow air pump w/Helium leak test	15	N/A	Begin leak test
01/23/09	14:54	na	na	Low-flow air pump w/Helium leak test	15	N/A	End leak test
01/23/09	14:55	na	-29	Negative air flow	14	N/A	Start Sampling
01/23/09	15:05	na	-25	Negative air flow	14	N/A	None
01/23/09	15:15	na	-21	Negative air flow	13	N/A	None
01/23/09	15:25	na	-17	Negative air flow	13	N/A	None
01/23/09	15:45	na	-9	Negative air flow	12	N/A	None
01/23/09	16:02	na	-2	Negative air flow	12	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
14:49	16:02	73.0	6	82.19	Negative air flow	na	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/23/09	16:03	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-49

General Notes

Size: 1Sample location 1810 is a 3 story unit of a duplex. Sampling took place approx. 17 inches outside of the garage through 4 inches of blacktop and approx. 2 feet of concrete. It is assumed the sampling bore was drilled through the foundation of the duplex or through a footer of one of the support walls since during the drilling pulverized concrete was observed during the majority of drilling. A soil vapor probe was advanced approx. 6 feet down through the bore hole because the hole was technically outside the constraints of the residence.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1811SG001**
Location ID: 1811
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3154
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/12/08

Leak Test

Leak Test Start Date	01/28/2009	Leak Test Start Time	11:00
Leak Test End Date	01/28/2009	Leak Test End Time	11:11
Leak Test Duration (min)	10	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	3300

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/28/09	11:15	NA	-29	Negative air flow	10	N/A	None
01/28/09	11:25	NA	-25.5	Negative air flow	11	N/A	None
01/28/09	11:37	10	-21	Negative air flow	11	N/A	None
01/28/09	11:45	NA	-17	Negative air flow	10	N/A	None
01/28/09	11:56	N/A	-12	Negative air flow	11	N/A	None
01/28/09	12:05	N/A	-9	Negative air flow	10	N/A	None
01/28/09	12:16	N/A	-5	Negative air flow	10	N/A	None
01/28/09	12:24	NA	-2	Negative air flow	10	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:15	12:24	69.0	6	86.96	Negative air flow	NA	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/28/09	12:24	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-54

General Notes

Size: 1Attempted a near slab hole on the other side of the house with the hand auger but couldn't dig further than one foot because we hit bed rock. Probing showed that the surrounding area would likely yield similar results.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1812SG001-NS**
Location ID: 1812
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Katie Conrad
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 4Sample location 1812 is a 3 story villa that has been sub-divided into 3 different apartments. There is tiling all around the building in the garage and on the driveway. The nearest location for a soil-gas sample would be in the garden which is approx 25 feet from footprint of building. The landlord was not present but gave written permission for soil-gas sampling within the garden area only. This documentation was provided to sample team and is included for future reference for this location.
Contact info provided to sample team for tenant was incorrect. Address for sample location should be updated:
Via Campi Flegrei 46 Villa 12
Pouzzuoli

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1813SG001**
Location ID: 1813
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Mike Jaynes,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	4.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	3116
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/02/09

Leak Test

Leak Test Start Date	02/24/2009	Leak Test Start Time	10:11
Leak Test End Date	02/24/2009	Leak Test End Time	10:17
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	4200

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/24/09	10:22	NA	-30	Negative air flow	13	N/A	Start purge/sampling.
02/24/09	10:34	NA	-26	Negative air flow	13	N/A	None
02/24/09	10:44	NA	-21	Negative air flow	13	N/A	None
02/24/09	10:54	NA	-14	Negative air flow	13	N/A	None
02/24/09	11:16	NA	-7	Negative air flow	13	N/A	None
02/24/09	11:27	NA	-4	Negative air flow	13	N/A	None
02/24/09	11:36	NA	-2	Negative air flow	13	N/A	Stop purge/sampling.

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:22	11:36	74.0	6	81.08	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/24/09	11:36	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-94

General Notes

Size: 1Single family home - one story. Beige and green trim color with stained wood exterior. Green metal gate with stone fence and green iron with top of the fence as steel work. Soil-gas sample collected near slab next to home midway center of driveway in soil area adjacent to home foundation. No basement at this home.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1817SG001**
Location ID: 1817
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Chuck Meyer
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.75	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3230
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	10/29/08

Leak Test

Leak Test Start Date	01/15/2009	Leak Test Start Time	10:45
Leak Test End Date	01/15/2009	Leak Test End Time	10:51
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
01/15/09	10:53	NA	-30+	Negative air flow	14	N/A	None
01/15/09	11:07	NA	-25	Negative air flow	14	N/A	None
01/15/09	11:25	NA	-18	Negative air flow	14	N/A	None
01/15/09	11:39	NA	-10	Negative air flow	14	N/A	None
01/15/09	11:59	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
10:53	11:59	66.0	6	90.91	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/15/09	12:00	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-26

General Notes

Size: 2Multi-story apartment building. Sampling location is roughly centered in basement room off center of center-slab
Room is a group kitchen area that is seldom used. Sampling location is approx. 5' below grade. Estimate slab is 6" thick.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1827SG001**
Location ID: 1827
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3754
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/10/08

Leak Test

Leak Test Start Date	02/11/2009	Leak Test Start Time	10:27
Leak Test End Date	02/11/2009	Leak Test End Time	10:32
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/11/09	10:34	NA	-29	Negative air flow	10	N/A	None
02/11/09	10:46	NA	-25	Negative air flow	10	N/A	None
02/11/09	10:56	NA	-21	Negative air flow	12	N/A	None
02/11/09	11:09	NA	-15	Negative air flow	15	N/A	None
02/11/09	11:16	NA	-12	Negative air flow	12	N/A	None
02/11/09	11:27	NA	-7	Negative air flow	13	N/A	None
02/11/09	11:34	NA	-5	Negative air flow	16	N/A	None
02/11/09	11:38	NA	-3	Negative air flow	16	N/A	None
02/11/09	11:42	NA	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:34	11:42	68.0	6	88.24	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/11/09	11:42	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-74

General Notes

Size: 1Temperature swings throughout sampling.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1835SG001**
Location ID: 1835
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,Steve Cooper
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.75	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	2600
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	01/07/09

Leak Test

Leak Test Start Date	02/10/2009	Leak Test Start Time	09:59
Leak Test End Date	02/10/2009	Leak Test End Time	10:05
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/10/09	10:08	na	-29.5	Negative air flow	12	N/A	Start sample
02/10/09	10:32	na	-19	Negative air flow	12	N/A	None
02/10/09	10:49	na	-12	Negative air flow	12	N/A	None
02/10/09	11:12	na	-2	Negative air flow	12	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:08	11:12	64.0	6	93.75	Negative air flow	na	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/10/09	11:12	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-74

General Notes

Size: 3A single family 3-story townhouse (yellow with brick colored trim). Sampling took place in basement in an unfinished vault used for overflow catchment. Sampling team drilled through approx 9 in. of cement and 1 -2 feet of gravel material. Probe was set approx. 2.5 ft. bgs using 0.25 (OD) Teflon tubing.
The telephone (landline) number is 081 8924011
House number #5 attached to residence. Housing needs to update the address to this sample location.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1836SG001-NS**
Location ID: 1836
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 12/11/2009: No sample taken. Sample team arrived at this location and interviewed POC for possible sampling locations. POC was not the landlord rather the uncle to LL and provided a written note stating that POC was allowed to make decision for this property. Confirmation with Terry Rojahn allowed acceptance of this document (photo copy of LL ID with a single line giving permission). Home is completely tiled in the garage and subterranean rooms of townhouse--so decided to do a near-slab. After some discussion on where utility lines might be sample team used the tile probe to ascertain a good sample location within the proposed yard area. 20-30 attempts were made to probe yard and each time resulted in refusal with tile probe at approx. 1 ft bgs. POC was unable to explain if there was a cement slab extending out into yard area. Use of the hand auger also could not penetrate past point of refusal. Sample team decided that no soil-gas could be conducted without digging down and breaking possible cement slab. Telephone contact with Terry Rohan confirmed that no soil-gas should be taken. Further interview with POC revealed that other homes in this parco (Parco Lalla) may be scheduled for possible soil-gas sampling. Lead team member probed other possible soil-gas locations with similar results (refusal at approx. 1 ft). This information should be passed on to schedulers and other sample teams assigned to go to this parco location.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1839SG001**
Location ID: 1839
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.15	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.25	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3176
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/12/08

Leak Test

Leak Test Start Date	01/14/2009	Leak Test Start Time	13:35
Leak Test End Date	01/14/2009	Leak Test End Time	13:45
Leak Test Duration (min)	10	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/14/09	13:49	NA	-30	Negative air flow	12	N/A	None
01/14/09	14:31	NA	-15	Negative air flow	12	N/A	None
01/14/09	14:59	NA	-2	Negative air flow	11	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:49	14:59	70.0	6	85.71	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/14/09	15:05	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-26

General Notes

Size: 1Apartment is 2 stories with 1st floor being marble or tile. LL was adamant against drilling within residence. Decided to do near-slab - although the only location was black-top/asphalt driveway. First boring location: encountered resistance at 3.25'. Stepped out 2' from initial location (~4' from residence) Tried to set second probe and encountered resistance again at 3'. Contacted FOL (K. Simpson) and was advised to use initial location for sampling purposes.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1842SG001**
Location ID: 1842
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Katie Conrad
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.0	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.1	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3162
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	12/12/08

Leak Test

Leak Test Start Date	03/05/2009	Leak Test Start Time	13:58
Leak Test End Date	03/05/2009	Leak Test End Time	14:07
Leak Test Duration (min)	9	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	222.22	Results of Leak Test (ppm-He)	1200

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/05/09	14:09	NA	-28.5	Negative air flow	16	N/A	Start Sampling
03/05/09	14:18	NA	-26	Negative air flow	16	N/A	None
03/05/09	14:31	NA	-20	Negative air flow	13	N/A	None
03/05/09	14:44	NA	-14	Negative air flow	11	N/A	None
03/05/09	14:58	NA	-9	Negative air flow	10	N/A	None
03/05/09	15:08	NA	-5	Negative air flow	10	N/A	None
03/05/09	15:17	NA	-2	Negative air flow	10.5	N/A	Ending Sampling

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:09	15:17	68.0	6	88.24	Negative air flow	NA	-2	10.5	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/05/09	15:17	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-114

General Notes

Size: 3Sample done in the rain.

One hole attempted and hit something that couldn't be drilled through. Likely rebar. This hole is about a meter closer to the garage on the other side of the grate.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1843SG001**
Location ID: 1843
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3182
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/24/09

Leak Test

Leak Test Start Date	03/09/2009	Leak Test Start Time	09:54
Leak Test End Date	03/09/2009	Leak Test End Time	9:59
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	375

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/09/09	10:02	NA	-29	Negative air flow	14	N/A	start sample
03/09/09	10:15	NA	-25	Negative air flow	14	N/A	None
03/09/09	10:26	NA	-20	Negative air flow	14	N/A	None
03/09/09	10:39	NA	-14	Negative air flow	15	N/A	None
03/09/09	10:56	NA	-7	Negative air flow	15	N/A	None
03/09/09	11:10	NA	-2	Negative air flow	15	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:02	11:10	68.0	6	88.24	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/09/09	11:10	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-120

General Notes

Size: 1Sample location is a two story villa with a subterranean garage. Sampling took place as a near slab just outside garage entrance in the storm drain. Sample team drilled through approx 6 in of concrete through base of storm drain then drove a stainless steel soil-vapor probe down approx. 6 feet. Storm drain is approx. 20 in. below ground surface (bgs) therefore soil-vapor probe is approx. 7.5 ft. bgs. This location was previously sampled as a Pending Lease. Address given to Sample Team indicated that this was Parco Suisse--interview with LL indicated that the tenants changed the name from Parco San Salvatore to differentiate their Parco from a neighboring Parco--however according to LL 'officially' this is still part of Parco San Salvatore. During sampling the LL sprayed a pesticide about the property. This information is included for purposes of completeness in case of a possible organic hit in sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1846SG001**
Location ID: 1846
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3268
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	09/26/07

Leak Test

Leak Test Start Date	02/09/2009	Leak Test Start Time	12:24
Leak Test End Date	02/09/2009	Leak Test End Time	12:28
Leak Test Duration (min)	4	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	500.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/09/09	12:30	na	-29	Negative air flow	10	N/A	Start pulling sample at 12:30
02/09/09	12:46	na	-23	Negative air flow	10	N/A	None
02/09/09	12:54	na	-20	Negative air flow	10	N/A	None
02/09/09	13:05	na	-15	Negative air flow	10	N/A	None
02/09/09	13:15	na	-11	Negative air flow	10	N/A	None
02/09/09	13:25	NA	-7	Negative air flow	10	N/A	None
02/09/09	13:35	NA	-3	Negative air flow	10	N/A	None
02/09/09	13:38	na	-2	Negative air flow	10	N/A	Sample stopped at 13:38

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
12:30	13:38	68.0	6	88.24	Negative air flow	na	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/09/09	13:38	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-68

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1847SG001**
Location ID: 1847
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3209
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	09/23/08

Leak Test

Leak Test Start Date	02/09/2009	Leak Test Start Time	11:43
Leak Test End Date	02/09/2009	Leak Test End Time	11:48
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/09/09	11:53	na	-29	Negative air flow	12	N/A	Start Sampling
02/09/09	12:07	na	-24	Negative air flow	12	N/A	None
02/09/09	12:23	na	-17	Negative air flow	11	N/A	None
02/09/09	12:37	NA	-10	Negative air flow	11	N/A	None
02/09/09	12:53	na	-4	Negative air flow	11	N/A	None
02/09/09	12:57	na	-2	Negative air flow	11	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:53	12:57	64.0	6	93.75	Negative air flow	na	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/09/09	12:57	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-72

General Notes

Size: 2A two-story stand-alone villa with a subterranean garage. Sampling took place in the garage as a sub-slab after drilling through approx. 3.5 4 ft of cement and fill. Teflon tubing was used to take the sample.
Additionally soil and step-out water samples were taken at this location. The step-out was previously scheduled for sample location 0361 but that location was never on well water so sample team shifted step-out to this location.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1849SG001**
Location ID: 1849
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	fc13
Sample Canister	Yes	Sample Canister Serial Number	3257
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	01/07/09

Leak Test

Leak Test Start Date	02/07/2009	Leak Test Start Time	10:00
Leak Test End Date	02/07/2009	Leak Test End Time	10:05
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	1,275

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/07/09	10:07	na	-29	Negative air flow	12	N/A	None
02/07/09	10:17	na	-25	Negative air flow	12	N/A	None
02/07/09	10:28	na	-21	Negative air flow	13	N/A	None
02/07/09	10:40	NA	-16	Negative air flow	13	N/A	None
02/07/09	10:48	NA	-12	Negative air flow	13	N/A	None
02/07/09	10:57	NA	-9	Negative air flow	12	N/A	None
02/07/09	11:07	NA	-5	Negative air flow	12	N/A	None
02/07/09	11:16	na	-2	Negative air flow	12	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:07	11:16	69.0	6	86.96	Negative air flow	na	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/07/09	11:16	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-68

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1857SG001**
Location ID: 1857
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	4.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	4.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3141
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	03/18/2009	Leak Test Start Time	13:39
Leak Test End Date	03/18/2009	Leak Test End Time	13:44
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/18/09	13:46	NA	-27	Negative air flow	15	N/A	START SAMPLE
03/18/09	14:03	NA	-20	Negative air flow	15	N/A	None
03/18/09	14:24	NA	-12	Low-flow air pump	15	N/A	None
03/18/09	14:35	NA	-7	Negative air flow	15	N/A	None
03/18/09	14:47	NA	-2	Negative air flow	15	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:46	14:47	61.0	6	98.36	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/18/09	14:47	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-137

General Notes

Size: 1Sample location is a three-story townhouse with a subterranean/below grade garage. Sampling took place in the subterranean garage. Sample team checked for utilities and used mag locator for metal rebar. A hole was drilled through 4 ft of concrete and fill material. Teflon tubing was used with the inlet placed slightly below concret depth--gravel layer appeared to be tufo stone--and sampled as a sub-slab.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1859SG001**
Location ID: 1859
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Roberta Durante,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3159
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/09/09

Leak Test

Leak Test Start Date	03/20/2009	Leak Test Start Time	10:07
Leak Test End Date	03/20/2009	Leak Test End Time	10:12
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/20/09	10:15	NA	-29	Negative air flow	12	N/A	Start sample
03/20/09	10:50	NA	-15	Negative air flow	13	N/A	None
03/20/09	11:05	NA	-8.5	Negative air flow	13	N/A	None
03/20/09	11:20	NA	-2	Negative air flow	13	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:15	11:20	65.0	6	92.31	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/20/09	11:20	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-142

General Notes

Size: 2Sample location is a two-story villa with an underground garage. Sampling took place in the subterranean garage. The floor was tiled but the delegate gave permission for the sample team to drill through the tile. Sample team drilled through approx. 3 ft of concrete. Sampling at this location was sub-slab using Teflon tubing with the tubing inlet being set at approx 3 ft.
Note: This location apparently has two addresses (home faces two streets on two facings). One address is Via Corso Europa 55 and the other is Via del Giglio 24--both addresses are present on both gates facing either street. Address given to sample team was via del Giglio 18. Previously this sample location was sampled as a Pending lease on 10/22/08 and coordinates given directed sample team to this location. A search of the area could not locate Via del Giglio 18. Delegate and previous sampling seem to indicate that this is the correct location although the addresses differ from the Housing Database

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1865SG001**
Location ID: 1865
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	4	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3064
Sample Canister Model Number	241182-650	Sample Canister Leak Check Date	06/12/07

Leak Test

Leak Test Start Date	02/06/2009	Leak Test Start Time	10:04
Leak Test End Date	02/06/2009	Leak Test End Time	10:09
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/06/09	10:13	na	-29	Negative air flow	13	N/A	Start Sampling
02/06/09	10:23	na	-25	Negative air flow	12	N/A	None
02/06/09	10:33	na	-21	Negative air flow	12	N/A	None
02/06/09	10:48	NA	-14	Negative air flow	12	N/A	None
02/06/09	11:00	na	-9	Negative air flow	12	N/A	None
02/06/09	11:11	na	-4	Negative air flow	12	N/A	None
02/06/09	11:17	na	-2	Negative air flow	12	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:13	11:17	64.0	6	93.75	Negative air flow	na	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/06/09	11:17	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-68

General Notes

Size: 1A single-story villa-style residence (light brown bricks with dark brown trim and a black/silver fence) with a subterranean garage. Previously sampled as Pending Lease. Address given to sample team was Via Del Pozzo 15 - coordinates from previous Pending Lease sample event were for Via Del Pozzo 35. Telephone contact with LL confirmed that address is the later and not the former one. Sampling took place in center of garage area. Sample team drilled through approx. 3.5 - 4 ft. of cement and fill material.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1866SG001**
Location ID: 1866
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Robin Clark,Chuck Conrad,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.3	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3137
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	10/28/08

Leak Test

Leak Test Start Date	01/24/2009	Leak Test Start Time	14:41
Leak Test End Date	01/24/2009	Leak Test End Time	14:51
Leak Test Duration (min)	10	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/24/09	14:52	N/A	-29	Negative air flow	13	N/A	None
01/24/09	15:05	n/a	-24	Negative air flow	13	N/A	None
01/24/09	15:12	N/A	-21	Negative air flow	13	N/A	None
01/24/09	15:21	NA	-17	Negative air flow	13	N/A	None
01/24/09	15:32	NA	-14	Negative air flow	13	N/A	None
01/24/09	15:42	NA	-10	Negative air flow	13	N/A	None
01/24/09	15:53	NA	-6	Negative air flow	13	N/A	None
01/24/09	16:04	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:52	16:04	72.0	6	83.33	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/24/09	16:04	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-49

General Notes

Size: 1The saample was taken as a sub slab. The thickness of the slab was approximately 6 inches and the boring was overdrilled to 1.3 feet. Cracks were noted in the pavement prior to drilling.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1867SG001**
Location ID: 1867
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Mike Jaynes,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.9	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	fc13
Sample Canister	Yes	Sample Canister Serial Number	3216
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/16/09

Leak Test

Leak Test Start Date	02/27/2009	Leak Test Start Time	14:23
Leak Test End Date	02/27/2009	Leak Test End Time	14:30
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/27/09	14:31	NA	-29.5	Negative air flow	12	N/A	None
02/27/09	14:42	NA	-25	Negative air flow	12	N/A	None
02/27/09	14:55	NA	-20	Negative air flow	12	N/A	None
02/27/09	15:10	NA	-13	Negative air flow	12	N/A	None
02/27/09	15:19	NA	-10	Negative air flow	12	N/A	None
02/27/09	15:26	NA	-7	Negative air flow	12	N/A	None
02/27/09	15:40	NA	-2	Negative air flow	12	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:31	15:40	69.0	6	86.96	Negative air flow	NA	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/27/09	15:40	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-106

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1872SG001**
Location ID: 1872
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3270
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	12/11/08

Leak Test

Leak Test Start Date	02/02/2009	Leak Test Start Time	13:54
Leak Test End Date	02/02/2009	Leak Test End Time	14:02
Leak Test Duration (min)	8	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/02/09	14:06	N/A	-29	Negative air flow	12	N/A	None
02/02/09	14:20	na	-24	Negative air flow	12	N/A	None
02/02/09	14:30	na	-19.5	Negative air flow	12	N/A	None
02/02/09	14:42	na	-14	Negative air flow	11	N/A	None
02/02/09	14:54	na	-9	Negative air flow	11	N/A	None
02/02/09	15:06	na	-5	Negative air flow	11	N/A	None
02/02/09	15:14	na	-2	Negative air flow	11	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:06	15:14	68.0	6	88.24	Negative air flow	na	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/02/09	15:14	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-59

General Notes

Size: 1Basement unfinished with bare soil showing.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1874SG001**
Location ID: 1874
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.75	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.95	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	fc13
Sample Canister	Yes	Sample Canister Serial Number	2599
Sample Canister Model Number	24187-650	Sample Canister Leak Check Date	01/08/09

Leak Test

Leak Test Start Date	02/05/2009	Leak Test Start Time	13:37
Leak Test End Date	02/05/2009	Leak Test End Time	13:42
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/05/09	13:44	na	-29.5	Negative air flow	12	N/A	None
02/05/09	13:54	na	-26	Negative air flow	12	N/A	None
02/05/09	14:04	na	-22	Negative air flow	12	N/A	None
02/05/09	14:14	na	-18	Negative air flow	12	N/A	None
02/05/09	14:24	na	-13	Negative air flow	12	N/A	None
02/05/09	14:35	na	-9	Negative air flow	12	N/A	None
02/05/09	14:44	na	-6	Negative air flow	12	N/A	None
02/05/09	14:54	na	-2	Negative air flow	12	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:44	14:54	70.0	6	85.71	Negative air flow	na	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/05/09	14:54	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-65

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1878SG001-NS**
Location ID: 1878
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 102/07/2009: No sample taken. Residence had a fully tiled basement and was surrounded by tile on the outside with a garden area just outside of 10 ft exclusion zone. Nearest point to home from garden also had a garden light post and presented electrical utility lines to the sample team. Gas utility lines were in the near vicinity of nearest point with potential water lines and POC at sample location was unsure of exact location of utilities that ran through garden area. It was decided not to sample this location based on above factors.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1897SG001**
Location ID: 1897
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.6	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.7	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3195
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	06/12/07

Leak Test

Leak Test Start Date	02/06/2009	Leak Test Start Time	10:23
Leak Test End Date	02/06/2009	Leak Test End Time	10:28
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/06/09	10:30	na	-29	Negative air flow	11	N/A	Started sample collection 10:30
02/06/09	10:42	na	-27	Negative air flow	11	N/A	Soil appeared to be a noist clayey sand may take longer to collect
02/06/09	10:51	na	-24	Negative air flow	11	N/A	None
02/06/09	10:59	na	-22	Negative air flow	11	N/A	None
02/06/09	11:10	na	-20	Negative air flow	11	N/A	None
02/06/09	11:20	na	-17	Negative air flow	10	N/A	None
02/06/09	11:30	na	-14	Negative air flow	10	N/A	None
02/06/09	11:41	na	-11	Negative air flow	10	N/A	None
02/06/09	12:00	na	-5	Negative air flow	11	N/A	None
02/06/09	12:10	na	-3	Negative air flow	10	N/A	None
02/06/09	12:13	na	-2	Negative air flow	10	N/A	Sample ended at 12:13

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:30	12:13	103.0	6	58.25	Negative air flow	na	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/06/09	12:13	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-68

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1898SG001-NS**
Location ID: 1898
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1Visited site on 2/16/2009. Did not sample for soil gas or soils. Due to home being tiled (including basement and surouning areas)and no close proximity location outside of home without electric/water/gas lines. Soil not sampled due to no soil gas collected.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1899SG001**
Location ID: 1899
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3757
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	01/07/09

Leak Test

Leak Test Start Date	02/05/2009	Leak Test Start Time	14:09
Leak Test End Date	02/05/2009	Leak Test End Time	14:15
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/05/09	14:20	NA	-30	Negative air flow	14	N/A	START SAMPLING
02/05/09	14:35	na	-25	Negative air flow	14	N/A	None
02/05/09	14:45	na	-21	Negative air flow	14	N/A	None
02/05/09	14:56	na	-16	Negative air flow	13	N/A	None
02/05/09	15:07	NA	-9	Negative air flow	13	N/A	None
02/05/09	15:18	NA	-7	Negative air flow	13	N/A	None
02/05/09	15:31	na	-2	Negative air flow	13	N/A	END SAMPLING

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:20	15:31	71.0	6	84.51	Negative air flow	na	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/05/09	15:31	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-65

General Notes

Size: 1A two-story duplex with a subterranean garage. Sampling took place in garage of one unit of duplex. Sampled as a sub-slab drilled through approx. 3 ft. of cement. Last house on street (Yellow with tan trim and a black and silver fence). Street not recognized by GPS but previously sampled as a Pending Lease and coordinates from that sampling event worked. Easy approach is by via Nicola Porpora. Sampled for soil as well.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1911SG001**
Location ID: 1911
QC Duplicate ID: N/A

Lead Sampler: William Olson
Additional Sampler(s) Roberta Durante,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3159
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/07/09

Leak Test

Leak Test Start Date	04/09/2009	Leak Test Start Time	09:48
Leak Test End Date	04/09/2009	Leak Test End Time	9:54
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/09/09	9:55	NA	-30	Negative air flow	16	N/A	None
04/09/09	10:08	NA	-25	Negative air flow	17.5	N/A	None
04/09/09	10:18	NA	-21	Negative air flow	17.5	N/A	None
04/09/09	10:28	NA	-17	Negative air flow	17.5	N/A	None
04/09/09	10:41	NA	-11	Negative air flow	17	N/A	None
04/09/09	10:52	NA	-7	Negative air flow	17	N/A	None
04/09/09	11:05	NA	-2	Negative air flow	17	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:55	11:05	70.0	6	85.71	Negative air flow	NA	-2	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/09/09	11:05	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-181

General Notes

Size: 1ASG is near slab. Basement and garage tiled and LL would not approve drilling. Residence is three-story with below grade garage connected to basement via door.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1923SG001**
Location ID: 1923
QC Duplicate ID: N/A

Lead Sampler: William Olson
Additional Sampler(s) Simona Campobasso,Andrea Gnoffo,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	4.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3761
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/31/09

Leak Test

Leak Test Start Date	04/10/2009	Leak Test Start Time	09:59
Leak Test End Date	04/10/2009	Leak Test End Time	10:05
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/10/09	10:06	NA	-30	Negative air flow	16	N/A	None
04/10/09	10:21	NA	-24	Negative air flow	16	N/A	None
04/10/09	10:34	NA	-19	Negative air flow	16	N/A	None
04/10/09	10:47	NA	-13	Negative air flow	16	N/A	None
04/10/09	11:00	NA	-8	Negative air flow	14	N/A	None
04/10/09	11:10	NA	-4	Negative air flow	14	N/A	None
04/10/09	11:16	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:06	11:16	70.0	6	85.71	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/10/09	11:16	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-184

General Notes

Size: 1Sample is near slab in garden - interior floors all porcelain tile with thin grout lines. Residence is two floors - one below grade. Building is combination 5-story multi unit with connected single family dwellings adjacent and below grade parking garage.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1926SG001**
Location ID: 1926
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3192
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/26/09

Leak Test

Leak Test Start Date	07/03/2009	Leak Test Start Time	11:30
Leak Test End Date	07/03/2009	Leak Test End Time	11:37
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	25

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/03/09	11:39	NA	-30	Negative air flow	25	N/A	None
07/03/09	11:49	NA	-27	Negative air flow	25	N/A	None
07/03/09	11:59	NA	-23.5	Negative air flow	25	N/A	None
07/03/09	12:09	NA	-19	Negative air flow	25	N/A	None
07/03/09	12:19	NA	-14	Negative air flow	25	N/A	None
07/03/09	12:29	NA	-11	Negative air flow	25	N/A	None
07/03/09	12:39	NA	-7	Negative air flow	25	N/A	None
07/03/09	12:49	NA	-3.5	Negative air flow	25	N/A	None
07/03/09	12:54	NA	-2	Negative air flow	25	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:39	12:54	75.0	6	80.0	Negative air flow	NA	-2	25	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/03/09	12:54	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-263

General Notes

Size: 1The sample was collected as a near slab sample in the garden area located along side the house. The sample was collected at a depth of 6.3 to 6.5 feet from the soil vapor probe.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1926AA001**
Location ID: 1926
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	0	Type of Probe	Other - define in notes
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	Yes	Gauge Serial Number	FC-34
Sample Canister	Yes	Sample Canister Serial Number	3244
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/26/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/03/09	11:40	NA	-30	Negative air flow	30	N/A	None
07/03/09	11:50	NA	-27	Negative air flow	30	N/A	None
07/03/09	12:00	NA	-24	Negative air flow	30	N/A	None
07/03/09	12:10	NA	-20	Negative air flow	27	N/A	None
07/03/09	12:20	NA	-16	Negative air flow	29	N/A	None
07/03/09	12:30	NA	-13	Negative air flow	29	N/A	None
07/03/09	12:40	NA	-9	Negative air flow	29	N/A	None
07/03/09	12:50	NA	-4.5	Negative air flow	30	N/A	None
07/03/09	12:57	NA	-2	Negative air flow	30	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:40	12:57	77.0	6	77.92	Negative air flow	NA	-2	30	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/03/09	12:57	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-263

General Notes

Size: 2The sample was collected upgradient of sample 1926SG001 from the front porch/patio area of the house from approximately 4 feet in height between two planters on the porch.The sample was collected directly through the flow control regulator.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1928SG001**
Location ID: 1928
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3155
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/14/09

Leak Test

Leak Test Start Date	05/12/2009	Leak Test Start Time	14:28
Leak Test End Date	05/12/2009	Leak Test End Time	14:34
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
05/12/09	14:36	NA	-30	Negative air flow	15	N/A	None
05/12/09	14:48	NA	-25.5	Negative air flow	17	N/A	None
05/12/09	14:56	NA	-22	Negative air flow	17	N/A	None
05/12/09	15:06	NA	-18	Negative air flow	16	N/A	None
05/12/09	15:16	NA	-13	Negative air flow	16	N/A	None
05/12/09	15:26	NA	-10	Negative air flow	16	N/A	None
05/12/09	15:36	NA	-5.5	Negative air flow	16	N/A	None
05/12/09	15:46	NA	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:36	15:46	70.0	6	85.71	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/12/09	15:46	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-220

General Notes

Size: 1The sample was collected in the garage from the sub-slab along a previous pipe chase which was previously back filled with rock and concrete. The land lord did not know when the excavation or back filling occurred. Based on the staining and age of the home it appeared to be at least 10 years old. The concrete was in several layers to a depth of approximately 2 feet. The 4 bit was used to get through the concrete and at 2.5 feet soil was observed. The sample was over drilled to 3 feet. Upon removing the bit - loose material filled the hole to approximately 2.5 foot. The tubing was installed and the sample was collected.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1931SG001-NS**
Location ID: 1931
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 112/9/2008: Sample not collected and marked as "CNX" on schedule. Rescheduled for 7/6/2009 and cancelled again. Samples (Tap water-soil-soil gas-and ambient air) never collected.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1931AA001-NS**
Location ID: 1931
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 112/9/2008: Sample not collected and marked as "CNX" on schedule. Rescheduled for 7/6/2009 and cancelled again. Samples (Tap water-soil-soil gas-and ambient air) never collected.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1942SG001**
Location ID: 1942
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3267
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/27/09

Leak Test

Leak Test Start Date	04/15/2009	Leak Test Start Time	14:25
Leak Test End Date	04/15/2009	Leak Test End Time	14:33
Leak Test Duration (min)	8	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	125.00	Results of Leak Test (ppm-He)	2950

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/15/09	14:35	NA	-30	Negative air flow	17	N/A	None
04/15/09	14:46	NA	-26	Negative air flow	16	N/A	None
04/15/09	14:56	NA	-23	Negative air flow	16	N/A	None
04/15/09	15:06	NA	-21	Negative air flow	16	N/A	None
04/15/09	15:15	NA	-18	Negative air flow	16	N/A	None
04/15/09	15:26	NA	-15	Negative air flow	16	N/A	None
04/15/09	15:51	NA	-8	Negative air flow	16	N/A	None
04/15/09	16:01	NA	-5	Negative air flow	16	N/A	None
04/15/09	16:09	NA	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:35	16:09	94.0	6	63.83	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/15/09	16:09	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-186

General Notes

Size: 1Arrived at the house - recon basement - it was mostly tiled except the storage room off of the hallway had a concrete floor. We set up by the storage room and waited for the landlord to grant drilling access to the storage room. The landlord approved location and drilling was begun. The pad was ~2 feet thick - used the four foot bit to drill through the pad.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1945AA001**
Location ID: 1945
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	0	Type of Probe	Other - define in notes
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	Yes	Gauge Serial Number	FC-34
Sample Canister	Yes	Sample Canister Serial Number	3221
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/26/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/02/09	15:49	NA	-30	Negative air flow	30	N/A	None
07/02/09	15:59	NA	-27	Negative air flow	29	N/A	None
07/02/09	16:09	NA	-23	Negative air flow	29	N/A	None
07/02/09	16:19	NA	-19	Negative air flow	29	N/A	None
07/02/09	16:29	NA	-15	Negative air flow	29	N/A	None
07/02/09	16:39	NA	-11	Negative air flow	29	N/A	None
07/02/09	16:49	NA	-7	Negative air flow	29	N/A	None
07/02/09	16:59	NA	-3	Negative air flow	29	N/A	None
07/02/09	17:02	NA	-2	Negative air flow	29	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:49	17:02	73.0	6	82.19	Negative air flow	NA	-2	29	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/02/09	17:02	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-263

General Notes

Size: 2The sample ws collected from the front wall of the property as an ambient air sample. The sample was collected at 9 feet 11 inches from the walkway wall 18 feet 3 inches from the drive way wall and 13 feet 5 inches from the front wall of the house. The sample was collected at aproximately 5 feet 5 inches above ground level.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1945SG001**
Location ID: 1945
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3214
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/25/09

Leak Test

Leak Test Start Date	07/02/2009	Leak Test Start Time	15:41
Leak Test End Date	07/02/2009	Leak Test End Time	15:47
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	450

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/02/09	15:49	NA	-30	Negative air flow	30	N/A	None
07/02/09	15:59	NA	-27	Negative air flow	29	N/A	None
07/02/09	16:09	NA	-23	Negative air flow	29	N/A	None
07/02/09	16:19	NA	-17	Negative air flow	29	N/A	None
07/02/09	16:29	NA	-15	Negative air flow	29	N/A	None
07/02/09	16:39	NA	-11	Negative air flow	29	N/A	None
07/02/09	16:49	NA	-6	Negative air flow	29	N/A	None
07/02/09	16:59	NA	-3	Negative air flow	29	N/A	None
07/02/09	17:02	NA	-2	Negative air flow	29	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:49	17:02	73.0	6	82.19	Negative air flow	NA	-2	29	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/02/09	17:02	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-263

General Notes

Size: 1The sample was collected from the front yard after trying three locations in the side yard and hitting refusal at all three locations. The sample was collected at 4 feet from the front of the house - 13 feet 3 inches from the driveway side walk - 14 feet 8 inches from the front side walk and 9 feet 5 inches from the front wall. The sample was collected using a soil gas probe from 6.3 to 6.5 feet as a near slab sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1969SG001**
Location ID: 1969
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3250
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/24/09

Leak Test

Leak Test Start Date	06/24/2009	Leak Test Start Time	11:00
Leak Test End Date	06/24/2009	Leak Test End Time	11:07
Leak Test Duration (min)	7	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	142.86	Results of Leak Test (ppm-He)	23000

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/24/09	11:10	NA	-30	Negative air flow	17	N/A	None
06/24/09	11:23	NA	-25	Negative air flow	18	N/A	None
06/24/09	11:30	NA	-21.5	Negative air flow	18	N/A	None
06/24/09	11:40	NA	-17	Negative air flow	18	N/A	None
06/24/09	11:50	NA	-13	Negative air flow	17	N/A	None
06/24/09	12:00	NA	-9	Negative air flow	18	N/A	None
06/24/09	12:10	NA	-5.5	Negative air flow	18	N/A	None
06/24/09	12:19	NA	-2	Negative air flow	18	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:10	12:19	69.0	6	86.96	Negative air flow	NA	-2	18	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/24/09	12:19	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-256

General Notes

Size: 2The sample was taken as a near slab sample through large grout lines in the side walk area. The drill was used to go through the concrete. Then the probe rods were driven to 6.5 feet. The surface was sealed and leak tested and sampling was begun.
Leak test was 2.3% as entered in Leak Test data.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1969AA001**
Location ID: 1969
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	0	Type of Probe	Other - define in notes
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3060
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/24/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/24/09	11:10	NA	-30	Negative air flow	26	N/A	None
06/24/09	11:21	NA	-25.5	Negative air flow	28	N/A	None
06/24/09	11:30	NA	-22.5	Negative air flow	26	N/A	None
06/24/09	11:40	NA	-18.5	Negative air flow	26	N/A	None
06/24/09	11:50	NA	-14.0	Negative air flow	26	N/A	None
06/24/09	12:00	NA	-10	Negative air flow	23	N/A	None
06/24/09	12:10	NA	-6.5	Negative air flow	20	N/A	None
06/24/09	12:21	NA	-2	Negative air flow	21	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:10	12:21	71.0	6	84.51	Negative air flow	NA	-2	21	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/24/09	12:21	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-256

General Notes

Size: 2The sample was collected as an upwind background ambient sample.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1989SG001**
Location ID: 1989
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	4	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	3176
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	02/19/2009	Leak Test Start Time	14:29
Leak Test End Date	02/19/2009	Leak Test End Time	14:34
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/19/09	14:37	NA	-30	Low-flow air pump	10	N/A	Start purge/sampling.
02/19/09	14:49	NA	-25	Negative air flow	10	N/A	None
02/19/09	15:10	NA	-16	Negative air flow	9	N/A	None
02/19/09	15:26	NA	-9	Negative air flow	9	N/A	None
02/19/09	15:41	NA	-4	Negative air flow	9	N/A	None
02/19/09	15:50	NA	-2	Negative air flow	9	N/A	Stop purge/sampling.

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:37	15:50	73.0	6	82.19	Negative air flow	NA	-2	9	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/19/09	15:50	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-88

General Notes

Size: 2Soil-gas sample collected in basement near water storage tank room. Duplex is located east off of main street. Duplex is second from end of side road
yellowish in color with a gray iron gate.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2002SG001-NS**
Location ID: 2002
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 25/14/2009 appointment:
There was no place to obtain a sample. The facility is an apartment complex and all the public space was covered by tile so there was no place to put the probe. Also access was not granted to the public space by the apartment complex board so a sample was not obtained. There was also no appointment possible/scheduled for this sample due to the previously mentioned information.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2003SG001**
Location ID: 2003
QC Duplicate ID: N/A

Lead Sampler: Charlie Warino
Additional Sampler(s) Simona Campobasso,Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3198
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/30/09

Leak Test

Leak Test Start Date	04/09/2009	Leak Test Start Time	10:18
Leak Test End Date	04/09/2009	Leak Test End Time	10:23
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/09/09	10:24	NA	-29	Negative air flow	17	N/A	None
04/09/09	10:42	NA	-24	Negative air flow	16	N/A	None
04/09/09	11:03	NA	-18	Negative air flow	16	N/A	None
04/09/09	11:30	NA	-9	Negative air flow	16	N/A	None
04/09/09	11:52	NA	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:24	11:52	88.0	6	68.18	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/09/09	11:52	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-181

General Notes

Size: 1ASG sub-slab sample collected in utility room at rear of garage.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2006SG001-NS**
Location ID: 2006
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1On 1/26/2009: took tap water sample. No soil or soil gas sample because there was no lawn for a soil sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2016SG001**
Location ID: 2016
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	4	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3127
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/07/09

Leak Test

Leak Test Start Date	04/20/2009	Leak Test Start Time	11:16
Leak Test End Date	04/20/2009	Leak Test End Time	11:21
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/20/09	11:23	NA	-30	Negative air flow	16	N/A	None
04/20/09	11:35	NA	-25	Negative air flow	16	N/A	None
04/20/09	11:53	NA	-19	Negative air flow	17	N/A	None
04/20/09	12:02	NA	-14	Negative air flow	17	N/A	None
04/20/09	12:16	NA	-8	Negative air flow	17	N/A	None
04/20/09	12:25	NA	-5	Negative air flow	17	N/A	None
04/20/09	12:34	NA	-2	Negative air flow	17	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:23	12:34	71.0	6	84.51	Negative air flow	NA	-2	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/20/09	12:34	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-191

General Notes

Size: 1The sample location was taken from behind the house because the front portion of the house had a concrete slab under the top soil. The house itself was built on slab and there were no untiled areas on the first floor. The area behind the house was native soil from ground surface according to the land lord.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2017SG001**
Location ID: 2017
QC Duplicate ID: N/A

Lead Sampler: Charlie Warino
Additional Sampler(s) Simona Campobasso,Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3690
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/02/08

Leak Test

Leak Test Start Date	04/08/2009	Leak Test Start Time	14:24
Leak Test End Date	04/08/2009	Leak Test End Time	14:29
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/08/09	14:31	NA	-30	Negative air flow	19	N/A	None
04/08/09	15:06	NA	-21	Negative air flow	22	N/A	None
04/08/09	15:32	NA	-12	Negative air flow	22	N/A	None
04/08/09	15:48	NA	-7	Negative air flow	21	N/A	None
04/08/09	16:03	NA	-2	Negative air flow	20	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:31	16:03	92.0	6	65.22	Negative air flow	NA	-2	20	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/08/09	16:03	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-181

General Notes

Size: 1ASG near-slab sample collected 7 feet from back of house in brick patio.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2018SG001**
Location ID: 2018
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,Steve Cooper
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3110
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	09/23/08

Leak Test

Leak Test Start Date	02/10/2009	Leak Test Start Time	13:49
Leak Test End Date	02/10/2009	Leak Test End Time	13:54
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/10/09	13:57	NA	-30	Negative air flow	14	N/A	START SAMPLING
02/10/09	14:08	NA	-25	Negative air flow	14	N/A	None
02/10/09	14:21	NA	-20	Negative air flow	14	N/A	None
02/10/09	14:29	NA	-16	Negative air flow	14	N/A	None
02/10/09	14:42	na	-10	Negative air flow	14	N/A	None
02/10/09	15:01	na	-2	Negative air flow	14	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:57	15:01	64.0	6	93.75	Negative air flow	na	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/10/09	15:01	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-74

General Notes

Size: 3A 2-story townhouse with a subterranean garage. Sampling took place in garage. Sample team drilled through approx. 3.5 ft of cement and fill.
Soil and water samples were also taken at this residence.
House is in new area and no house number has been given.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2021SG001**
Location ID: 2021
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s): Chuck Meyer,Roberta Durante,James Goerdt,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	2283
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/13/09

Leak Test

Leak Test Start Date	03/07/2009	Leak Test Start Time	10:05
Leak Test End Date	03/07/2009	Leak Test End Time	10:11
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/07/09	10:12	NA	-29	Negative air flow	10	N/A	None
03/07/09	10:22	NA	-26	Negative air flow	11	N/A	None
03/07/09	10:32	NA	-21	Negative air flow	10	N/A	None
03/07/09	10:45	NA	-17	Negative air flow	9	N/A	None
03/07/09	10:52	NA	-13	Negative air flow	9	N/A	None
03/07/09	11:02	NA	-10	Negative air flow	9	N/A	None
03/07/09	11:12	NA	-6	Negative air flow	9	N/A	None
03/07/09	11:24	NA	-2	Negative air flow	9	N/A	None
03/07/09	11:24	NA	-2	Negative air flow	9	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:12	11:24	72.0	6	83.33	Negative air flow	NA	-2	9	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/07/09	11:24	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-116

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2023SG001**
Location ID: 2023
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.0	Type of Probe	PE tubing
Bottom Depth of Probe(ft-bgs)	1.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3076
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	08/11/08

Leak Test

Leak Test Start Date	01/09/2009	Leak Test Start Time	13:35
Leak Test End Date	01/09/2009	Leak Test End Time	13:41
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/09/09	13:44	NA	-29	Negative air flow	11	N/A	Begin Purge
01/09/09	14:46	NA	-2	Negative air flow	11	N/A	End Purge

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:44	14:46	62.0	6	96.77	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/09/09	14:46	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-21

General Notes

Size: 61/4" TEFLON TUBE USED FOR SAMPLING.
SAMPLE LOCATION IS PARKING PORT UNDER BLDG.
Leak test:
Start time: 13:35
End time: 13:41
Pass

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2030SG001-NS**
Location ID: 2030
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: N/A

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1Property visited on 11/26/08. Courtyard covered with brick cement and blacktop. No lawn and no yard. No soil gas or soil samples collected.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2032SG001**
Location ID: 2032
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	4	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	4.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC23
Sample Canister	Yes	Sample Canister Serial Number	3183
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	03/14/2009	Leak Test Start Time	13:22
Leak Test End Date	03/14/2009	Leak Test End Time	13:32
Leak Test Duration (min)	10	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/14/09	13:35	NA	-30	Negative air flow	12	N/A	start sample
03/14/09	14:00	NA	-20	Negative air flow	13	N/A	None
03/14/09	14:20	NA	-11	Negative air flow	12	N/A	None
03/14/09	14:34	NA	-6	Negative air flow	12	N/A	None
03/14/09	14:49	NA	-2	Negative air flow	12	N/A	End sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:35	14:49	74.0	6	81.08	Negative air flow	NA	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/14/09	14:49	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-129

General Notes

Size: 1Sample location is a two-story villa with a subterranean garage. Sample team determined that the unfinished concrete garage would be adequate for a sub slab sample. Sample team drilled through 4 ft of concrete and aggregate to set Teflon tubing inlet at approx. 4 ft bgs.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2034SG001-NS**
Location ID: 2034
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Chuck Meyer
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 2Attempted to visit property on 01/12/09 and 01/13/09. On both days soil gas and Phase II teams waited over 2 hours. The land lord didn't show up either day despite multiple phone calls. Finally the land lord would not talk to Housing representive and shut his cell phone off.
No samples taken at this location.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2035SG001-NS**
Location ID: 2035
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Patrick Leonard
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 11/20/2009: The sample location 2035 is an apartment on the 5th floor of a 5-story apartment building over the top of a shopping mall (3-Story). There was no basement in the apartment building due to the shopping mall beneath the structure. Parking for the building was outside and next to the apartment building in assigned spaces. Access to sample the shopping mall would require permission from the shopping mall association. Landlord is not the owner of the building nor shopping mall - just the apartment within the building. There were no available open areas below the apartment building to allow for soil gas. Near slab sample would have to be taken from the parking lot adjacent to first floor shops and would require making contact with property association. No sample was taken at this time.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2040SG001**
Location ID: 2040
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Robin Clark,Katie Conrad,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.6	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3751
Sample Canister Model Number	24182	Sample Canister Leak Check Date	11/13/08

Leak Test

Leak Test Start Date	02/10/2009	Leak Test Start Time	10:00
Leak Test End Date	02/10/2009	Leak Test End Time	10:06
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	50

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/10/09	10:07	na	-29	Negative air flow	10	N/A	Start sample
02/10/09	10:17	na	-25	Negative air flow	10	N/A	None
02/10/09	10:27	na	-21	Negative air flow	10	N/A	None
02/10/09	10:37	NA	-16	Negative air flow	10	N/A	None
02/10/09	10:47	NA	-12	Negative air flow	10	N/A	None
02/10/09	10:58	NA	-8	Negative air flow	10	N/A	None
02/10/09	11:07	NA	-4	Negative air flow	10	N/A	None
02/10/09	11:14	na	-2	Negative air flow	10	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:07	11:14	67.0	6	89.55	Negative air flow	na	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/10/09	11:14	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-74

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2044SG001**
Location ID: 2044
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Chuck Conrad
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.25	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3244
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/05/08

Leak Test

Leak Test Start Date	01/23/2009	Leak Test Start Time	10:22
Leak Test End Date	01/23/2009	Leak Test End Time	10:28
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/23/09	10:31	NA	-29	Negative air flow	12	N/A	None
01/23/09	10:40	NA	-25.5	Negative air flow	12	N/A	None
01/23/09	10:49	NA	-21.5	Negative air flow	12	N/A	None
01/23/09	11:00	NA	-16.5	Negative air flow	12	N/A	None
01/23/09	11:10	NA	-12	Negative air flow	11	N/A	None
01/23/09	11:20	NA	-9	Negative air flow	11	N/A	None
01/23/09	11:30	NA	-5	Negative air flow	11	N/A	None
01/23/09	11:38	NA	-2	Negative air flow	12	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:31	11:38	67.0	6	89.55	Negative air flow	NA	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/23/09	11:38	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-42

General Notes

Size: 1Sub-slab done in unfinished garage in basement level.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2045SG001**
Location ID: 2045
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Chuck Meyer
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.75	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.95	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3216
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	12/04/08

Leak Test

Leak Test Start Date	01/15/2009	Leak Test Start Time	13:36
Leak Test End Date	01/15/2009	Leak Test End Time	13:41
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/15/09	13:45	na	-30	Negative air flow	14	N/A	Leak
01/15/09	14:04	na	-22	Negative air flow	14	N/A	None
01/15/09	14:15	NA	-16	Negative air flow	16	N/A	None
01/15/09	14:25	NA	-12	Negative air flow	16	N/A	None
01/15/09	14:35	na	-8	Negative air flow	16	N/A	None
01/15/09	14:48	na	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:45	14:48	63.0	6	95.24	Negative air flow	na	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/15/09	14:50	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-26

General Notes

Size: 1Location is multi-storied apartment building. Sample location is in below-grade garage. Garage floor is approximately 8' below grade. Floor is simple cement approx. 0.75 ft. thick.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2049SG001**
Location ID: 2049
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Katie Conrad
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	4.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	4.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3237
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	01/07/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/04/09	11:12	NA	-30	Negative air flow	15	N/A	START SAMPLING
02/04/09	11:23	NA	-25	Negative air flow	15	N/A	None
02/04/09	11:33	na	-21	Negative air flow	15	N/A	None
02/04/09	11:43	na	-17	Negative air flow	15	N/A	None
02/04/09	11:51	na	-14	Negative air flow	15	N/A	None
02/04/09	12:06	na	-7	Negative air flow	15	N/A	None
02/04/09	12:18	na	-2	Negative air flow	15	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:12	12:18	66.0	6	90.91	Negative air flow	na	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/04/09	12:20	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-62

General Notes

Size: 1A multi-storied duplex with a winery in the basement. Point of contact (POC) at home claimed to be landlord in conjunction with her sister. Through conversations with POC it was learned that neither her nor her sister were in fact the landlord rather their father. POC called her father and had him arrive to sign consent form. Sampling took place on the door/driveway leading to loading area for winery on finished concrete. Sampled as a near-slab. Drilled through approx. 10 of concrete. Drove sample probe down approx. 4.5.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2051SG001**
Location ID: 2051
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.33	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3267
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	12/04/08

Leak Test

Leak Test Start Date	01/16/2009	Leak Test Start Time	10:29
Leak Test End Date	01/16/2009	Leak Test End Time	10:35
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/16/09	10:36	NA	-30	Negative air flow	12	N/A	Leak test:
01/16/09	10:58	NA	-20	Negative air flow	12	N/A	None
01/16/09	11:39	na	-2	Negative air flow	12	N/A	End Purge

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:36	11:39	63.0	6	95.24	Negative air flow	na	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/16/09	11:41	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-33

General Notes

Size: 1A Stand-alone 3-story home. Sample location is in basement on unfinished concrete (approx. 4 in. thick).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2055SG001**
Location ID: 2055
QC Duplicate ID: FDSG011609-01

Lead Sampler: Chuck Meyer
Additional Sampler(s) Katie Conrad,Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	PE tubing
Bottom Depth of Probe(ft-bgs)	0.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC23
Sample Canister	Yes	Sample Canister Serial Number	3074
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/17/08

Leak Test

Leak Test Start Date	01/16/2009	Leak Test Start Time	14:17
Leak Test End Date	01/16/2009	Leak Test End Time	14:22
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/16/09	14:25	na	-30	Negative air flow	15	N/A	Start sampling
01/16/09	14:35	na	-27	Negative air flow	15	N/A	None
01/16/09	14:45	na	-22.5	Negative air flow	15	N/A	None
01/16/09	14:55	na	-18.5	Negative air flow	15	N/A	None
01/16/09	15:05	na	-14	Negative air flow	15	N/A	None
01/16/09	15:15	na	-10	Negative air flow	15	N/A	None
01/16/09	15:25	na	-6	Negative air flow	13	N/A	None
01/16/09	15:35	na	-4	Negative air flow	13	N/A	None
01/16/09	15:38	na	-3	Negative air flow	13	N/A	End Sampling

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:25	15:38	73.0	N/A	0.0	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/16/09	15:38	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-33

General Notes

Size: 8The concrete thickness = 6"
Field Duplicate Info:
FDSG011609-01
Valve number = FC22
Canister # = 24182-650
Serial # = 3166
Canister Leak test date = 4-12-2008
Helium leak Test 1L and pass

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2060SG001**
Location ID: 2060
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Chuck Conrad
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.8	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5.9	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	1035
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	10/21/08

Leak Test

Leak Test Start Date	01/22/2009	Leak Test Start Time	10:49
Leak Test End Date	01/22/2009	Leak Test End Time	10:54
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/22/09	10:57	NA	-28	Negative air flow	18	N/A	None
01/22/09	11:08	N/A	-24	Negative air flow	15	N/A	None
01/22/09	11:17	N/A	-19.5	Negative air flow	16.5	N/A	None
01/22/09	11:28	N/A	-15.5	Negative air flow	15	N/A	None
01/22/09	11:37	N/A	-11	Negative air flow	15	N/A	None
01/22/09	11:48	N/A	-7.5	Negative air flow	15	N/A	None
01/22/09	11:57	N/A	-4	Negative air flow	16	N/A	None
01/22/09	12:02	N/A	-2	Negative air flow	16	N/A	Sample ende12

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:57	12:02	65.0	6	92.31	Negative air flow	N/A	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/22/09	12:02	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-42

General Notes

Size: 1The location was hand augered to four feet to clear utilities. The probe rod was driven to ~6 feet back filled and leak tested and sampled.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2065SG001-NS**
Location ID: 2065
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 11/21/2009: Per Sampling Team - there is no location to collect soil gas.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2071SG001**
Location ID: 2071
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Chuck Meyer,Roberta Durante,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.0	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.1	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	2603
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	03/09/2009	Leak Test Start Time	14:34
Leak Test End Date	03/09/2009	Leak Test End Time	14:40
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	250

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/09/09	14:41	NA	-30	Negative air flow	11	N/A	None
03/09/09	14:56	NA	-24	Negative air flow	11	N/A	None
03/09/09	15:05	NA	-20	Negative air flow	11.5	N/A	None
03/09/09	15:17	NA	-15	Negative air flow	11	N/A	None
03/09/09	15:32	NA	-9	Negative air flow	11	N/A	None
03/09/09	15:41	NA	-5	Negative air flow	11	N/A	None
03/09/09	15:51	NA	-2	Negative air flow	11	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:41	15:51	70.0	6	85.71	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/09/09	15:51	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-120

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2073SG001**
Location ID: 2073
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) John Wright
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.8	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.9	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3200
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	06/11/08

Leak Test

Leak Test Start Date	01/21/2009	Leak Test Start Time	11:13
Leak Test End Date	01/21/2009	Leak Test End Time	11:18
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/21/09	11:24	n/a	-29	Negative air flow	13	N/A	None
01/21/09	11:34	n/a	-25	Negative air flow	13	N/A	None
01/21/09	11:45	n/a	-21	Negative air flow	13	N/A	None
01/21/09	11:55	n/a	-16	Negative air flow	12	N/A	None
01/21/09	12:05	n/a	-12	Negative air flow	12	N/A	None
01/21/09	12:15	na	-8	Negative air flow	12	N/A	None
01/21/09	12:15	na	-4	Negative air flow	12	N/A	None
01/21/09	12:32	n/a	-2	Negative air flow	12	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:24	12:32	68.0	N/A	0.0	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/21/09	12:32	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-37

General Notes

Size: 1Location ID 2073 is in an apartment building complex. The apartment is a first floor unit with a garage/storage space below. The soil gas sample location is in the small grass and soil area 20 inches off of the tile patio area. Note that this soil area is elevated above the overall building slab grade and is soil contained between two retaining walls which create the elevated stair and main sidewalk area to the first floor apartments. Estimate that the elevation of the soil area is 11 feet above the lower main slab elevation.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2074SG001**
Location ID: 2074
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Robin Clark,John Wright,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.4	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	fc13
Sample Canister	Yes	Sample Canister Serial Number	3060
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	01/07/09

Leak Test

Leak Test Start Date	02/06/2009	Leak Test Start Time	15:42
Leak Test End Date	02/06/2009	Leak Test End Time	15:47
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/06/09	15:48	na	-29	Negative air flow	12	N/A	None
02/06/09	16:01	na	-24	Negative air flow	12	N/A	None
02/06/09	16:16	na	-18	Negative air flow	12	N/A	None
02/06/09	16:29	na	-13.5	Negative air flow	11	N/A	None
02/06/09	16:45	na	-7	Negative air flow	11	N/A	None
02/06/09	16:58	na	-2	Negative air flow	11	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:48	16:58	70.0	6	85.71	Negative air flow	na	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/06/09	16:58	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-68

General Notes

Size: 2Helium leak test failed twice before getting a good reading.
Sample filmed by Navy to inform their personnel.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2075SG001**
Location ID: 2075
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Keith Simpson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	4.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3750
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/06/08

Leak Test

Leak Test Start Date	01/22/2009	Leak Test Start Time	14:53
Leak Test End Date	01/22/2009	Leak Test End Time	14:58
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/22/09	14:59	na	-29	Negative air flow	12	N/A	None
01/22/09	15:18	na	-21	Negative air flow	13	N/A	None
01/22/09	15:47	na	-9	Negative air flow	13	N/A	None
01/22/09	16:05	na	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:59	16:05	66.0	6	90.91	Negative air flow	na	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/22/09	16:13	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-42

General Notes

Size: 1Sample location was in basement of building. Basement floor is 6.5 ft. below grade. Although within confines of building sampled as a near-slab due to a lack of a slab only a dirt floor of basement. Probe was sunk 5' below floor. Actual probe depth is approx. 11.5 to 12 ft. below grade.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2077SG001**
Location ID: 2077
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Robin Clark,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.9	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	fc13
Sample Canister	Yes	Sample Canister Serial Number	1038
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	01/07/09

Leak Test

Leak Test Start Date	02/05/2009	Leak Test Start Time	11:09
Leak Test End Date	02/05/2009	Leak Test End Time	11:15
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/05/09	11:16	na	-29.5	Negative air flow	12	N/A	None
02/05/09	11:26	na	-26	Negative air flow	12	N/A	None
02/05/09	11:36	na	-21.5	Negative air flow	12.5	N/A	None
02/05/09	11:45	na	-17	Negative air flow	12	N/A	None
02/05/09	12:06	na	-9	Negative air flow	12	N/A	None
02/05/09	12:15	na	-5	Negative air flow	12	N/A	None
02/05/09	12:24	na	-2	Negative air flow	12	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:16	12:24	68.0	6	88.24	Negative air flow	na	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/05/09	12:24	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-65

General Notes

Size: 2Apt. doesn't have an address number. Directly across from orange tree in the yard of Via Fratelli Cairoli #3.
Electricity originally not available at house. Landlord eventaully hooked up power to the house.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2078SG001**
Location ID: 2078
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Chuck Conrad
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.8	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5.9	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	2283
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	10/15/08

Leak Test

Leak Test Start Date	01/22/2009	Leak Test Start Time	14:53
Leak Test End Date	01/22/2009	Leak Test End Time	14:58
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/22/09	15:02	N/A	-28	Negative air flow	14	N/A	Purge begun 15:02
01/22/09	15:12	N/A	-24	Negative air flow	13.5	N/A	None
01/22/09	15:23	N/A	-20	Negative air flow	13	N/A	None
01/22/09	15:32	N/A	-15.5	Negative air flow	13	N/A	None
01/22/09	15:42	N/A	-12	Negative air flow	13	N/A	None
01/22/09	15:52	N/A	-8	Negative air flow	13	N/A	None
01/22/09	16:02	N/A	-4	Negative air flow	13	N/A	None
01/22/09	16:09	N/A	-2	Negative air flow	13	N/A	Purge completed 16:09

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:02	16:09	67.0	6	89.55	Negative air flow	N/A	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/22/09	16:09	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-42

General Notes

Size: 1Summa canister did not come with brass dust cap. The location was hand augered to four feet to clear utilities. The probe rod was driven to six feet - back filled - leak tested and sampled.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2079SG001**
Location ID: 2079
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC23
Sample Canister	Yes	Sample Canister Serial Number	3129
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	01/07/09

Leak Test

Leak Test Start Date	02/03/2009	Leak Test Start Time	10:22
Leak Test End Date	02/03/2009	Leak Test End Time	10:35
Leak Test Duration (min)	13	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	153.85	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/03/09	10:38	na	-30	Negative air flow	15	N/A	Start Sample
02/03/09	10:52	na	-25	Negative air flow	15	N/A	None
02/03/09	11:06	na	-19	Negative air flow	16	N/A	None
02/03/09	11:30	na	-9	Negative air flow	15	N/A	None
02/03/09	11:56	na	-2	Negative air flow	15	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:38	11:56	78.0	6	76.92	Negative air flow	na	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/03/09	11:56	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-62

General Notes

Size: 1Sample location is part of a multi-storied apartment bldg. The sample location is in a subterranean garage unit. Sample team had to drill through approx. 6 in. of cement.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2080SG001**
Location ID: 2080
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	4.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	4.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC23
Sample Canister	Yes	Sample Canister Serial Number	3179
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	01/07/09

Leak Test

Leak Test Start Date	02/03/2009	Leak Test Start Time	13:45
Leak Test End Date	02/03/2009	Leak Test End Time	13:50
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	200

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/03/09	13:53	NA	-30	Negative air flow	15	N/A	Start Sample
02/03/09	14:08	na	-25	Negative air flow	14	N/A	None
02/03/09	14:23	na	-18	Negative air flow	14	N/A	None
02/03/09	14:36	na	-13	Negative air flow	14	N/A	None
02/03/09	14:50	na	-7	Negative air flow	14	N/A	None
02/03/09	15:10	na	-2	Negative air flow	14	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:53	15:10	77.0	6	77.92	Negative air flow	na	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/03/09	15:10	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-62

General Notes

Size: 1A three-story duplex home with a below grade basement and garage. Sampling took place in garage area. Sample team drilled through approx. 6 in. of cement between pavement stones.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2081SG001**
Location ID: 2081
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Robin Clark,Keith Simpson,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC 34
Sample Canister	Yes	Sample Canister Serial Number	3066
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/06/08

Leak Test

Leak Test Start Date	01/22/2009	Leak Test Start Time	11:11
Leak Test End Date	01/22/2009	Leak Test End Time	11:18
Leak Test Duration (min)	7	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	285.71	Results of Leak Test (ppm-He)	Pass

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/22/09	11:20	NA	-29	Negative air flow	13	N/A	None
01/22/09	11:32	na	-25	Negative air flow	14	N/A	None
01/22/09	11:50	NA	-18	Negative air flow	13	N/A	None
01/22/09	12:09	NA	-13	Negative air flow	13	N/A	None
01/22/09	12:30	NA	-7	Negative air flow	13	N/A	None
01/22/09	12:46	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:20	12:46	86.0	6	69.77	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/22/09	12:51	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-42

General Notes

Size: 3A 2-story multiplex apartment with a basement/garage beneath living space. Soil-gas sampling was done in the garage which has an unfinished smooth cement floor. Encountered refusal at three locations at approx. 6" beneath the surface. Had to make four attempts to finally get through foundation. Foundation was approximately 2 feet thick.
Sample location measurement:
93" from back wall - 45" from side wall by door - 194" from other side wall

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2082SG001**
Location ID: 2082
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Chuck Conrad
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC 13
Sample Canister	Yes	Sample Canister Serial Number	3113
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/11/08

Leak Test

Leak Test Start Date	01/23/2009	Leak Test Start Time	15:16
Leak Test End Date	01/23/2009	Leak Test End Time	15:21
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	7,758

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/23/09	15:23	N/A	-29	Negative air flow	10	N/A	SUMMA CANISTER STARTED 15:23
01/23/09	15:37	NA	-24	Negative air flow	10	N/A	None
01/23/09	15:43	NA	-21	Negative air flow	10	N/A	None
01/23/09	15:43	NA	-21	Negative air flow	10	N/A	None
01/23/09	15:53	NA	-17.5	Negative air flow	9	N/A	None
01/23/09	16:03	NA	-13	Negative air flow	8	N/A	None
01/23/09	16:13	N/A	-8.5	Negative air flow	8	N/A	None
01/23/09	16:23	N/A	-5	Negative air flow	8	N/A	None
01/23/09	16:32	NA	-2	Negative air flow	8	N/A	Sample purge ended @ 16:32

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:23	16:32	69.0	6	86.96	Negative air flow	NA	-2	8	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/23/09	16:32	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-49

General Notes

Size: 1The location was hand augered to four feet to clear utilities. The probe rod was driven to 6.5 feet back filled leak tested and sampled

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2090SG001**
Location ID: 2090
QC Duplicate ID: N/A

Lead Sampler: William Olson
Additional Sampler(s) Simona Campobasso,Charlie Warino
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	4	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	4.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-34
Sample Canister	Yes	Sample Canister Serial Number	3116
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/12/09

Leak Test

Leak Test Start Date	04/02/2009	Leak Test Start Time	10:10
Leak Test End Date	04/02/2009	Leak Test End Time	10:15
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/02/09	10:17	NA	-29	Negative air flow	16	N/A	None
04/02/09	10:50	NA	-16	Negative air flow	16	N/A	None
04/02/09	11:07	NA	-9	Negative air flow	15	N/A	None
04/02/09	11:25	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:17	11:25	68.0	6	88.24	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/02/09	11:31	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-168

General Notes

Size: 2ASG is sub-slab in basement. Building is 2 story - tenant lives on ground floor. Basement is unfinished - used for storage - has tufa block walls and
poured concrete floor.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2093SG001**
Location ID: 2093
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Mike Jaynes,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.1	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	fc13
Sample Canister	Yes	Sample Canister Serial Number	2606
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	02/18/2009	Leak Test Start Time	10:43
Leak Test End Date	02/18/2009	Leak Test End Time	10:48
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	1350

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/18/09	10:49	NA	-29	Negative air flow	3	N/A	None
02/18/09	10:59	NA	-25	Negative air flow	3	N/A	None
02/18/09	11:09	NA	-21	Negative air flow	2	N/A	None
02/18/09	11:19	NA	-17	Negative air flow	2	N/A	None
02/18/09	11:29	NA	-12	Negative air flow	2	N/A	None
02/18/09	11:39	NA	-8	Negative air flow	3	N/A	None
02/18/09	11:50	NA	-5	Negative air flow	4	N/A	None
02/18/09	11:56	NA	-2	Negative air flow	4	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:49	11:56	67.0	6	89.55	Negative air flow	NA	-2	4	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/18/09	11:56	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-85

General Notes

Size: 1Sample done in rain.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2096SG001-NS**
Location ID: 2096
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 12/3/2009: Location not scheduled with cancelled on schedule.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2102SG001**
Location ID: 2102
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	3220
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/03/09

Leak Test

Leak Test Start Date	02/19/2009	Leak Test Start Time	10:52
Leak Test End Date	02/19/2009	Leak Test End Time	10:57
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/19/09	10:59	NA	-29	Negative air flow	6	N/A	Start purge sampling.
02/19/09	11:07	NA	-27	Negative air flow	7	N/A	None
02/19/09	11:19	NA	-21	Negative air flow	7	N/A	None
02/19/09	11:33	NA	-15	Negative air flow	7	N/A	None
02/19/09	11:48	NA	-10	Negative air flow	7	N/A	None
02/19/09	12:03	NA	-4	Negative air flow	7	N/A	None
02/19/09	12:08	NA	-3	Negative air flow	7	N/A	None
02/19/09	12:17	NA	-2	Negative air flow	7	N/A	End of purge/sampling.

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:59	12:17	78.0	6	76.92	Negative air flow	NA	-2	7	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/19/09	12:17	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-85

General Notes

Size: 1Site location is at the top of a mountain near a series of microwave and radio antennas/towers. Entrance has a very steep driveway and limited access. Sample was collected from below home in the garage.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2103SG001**
Location ID: 2103
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Mike Jaynes,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.75	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.85	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	fc13
Sample Canister	Yes	Sample Canister Serial Number	3192
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/04/09

Leak Test

Leak Test Start Date	02/20/2009	Leak Test Start Time	10:39
Leak Test End Date	02/20/2009	Leak Test End Time	10:44
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	25

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/20/09	10:46	NA	-30	Negative air flow	10	N/A	None
02/20/09	10:55	NA	-26	Negative air flow	10	N/A	None
02/20/09	11:06	NA	-22	Negative air flow	10	N/A	None
02/20/09	11:16	NA	-17	Negative air flow	10	N/A	None
02/20/09	11:28	NA	-12	Negative air flow	16	N/A	Jump in temp (6 degrees) due to change from shade to sun - car providing shade was moved.
02/20/09	11:38	NA	-7.5	Negative air flow	16	N/A	None
02/20/09	11:47	NA	-5	Negative air flow	16	N/A	None
02/20/09	11:54	NA	-2	Negative air flow	17	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:46	11:54	68.0	6	88.24	Negative air flow	NA	-2	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/20/09	11:54	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-88
✗	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1Summa canister went from shade to sun whilst sampling.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2105SG001**
Location ID: 2105
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	2281
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/16/09

Leak Test

Leak Test Start Date	02/25/2009	Leak Test Start Time	09:30
Leak Test End Date	02/25/2009	Leak Test End Time	9:35
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
02/25/09	9:47	NA	-30	Negative air flow	10	N/A	Start purge/sampling.
02/25/09	9:55	NA	-24	Negative air flow	10	N/A	None
02/25/09	10:15	NA	-10	Negative air flow	10	N/A	None
02/25/09	10:21	NA	-7	Negative air flow	10	N/A	None
02/25/09	10:34	NA	-2	Negative air flow	10	N/A	Stop purge/sampling.

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
9:47	10:34	47.0	6	127.66	Negative air flow	NA	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/25/09	10:34	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-99

General Notes

Size: 1Three story apartment complex with underground parking gagage. Soil-gas sample collected from approx. center point of undreground parking garage through concrete floor. Access is very good.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2106SG001**
Location ID: 2106
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	3178
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/16/09

Leak Test

Leak Test Start Date	02/25/2009	Leak Test Start Time	14:22
Leak Test End Date	02/25/2009	Leak Test End Time	14:27
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/25/09	14:29	NA	-30	Negative air flow	12	N/A	Start purge/sampling.
02/25/09	14:42	NA	-25	Negative air flow	12	N/A	None
02/25/09	14:52	NA	-21	Negative air flow	12	N/A	None
02/25/09	15:04	NA	-15	Negative air flow	12	N/A	None
02/25/09	15:20	NA	-9	Negative air flow	11	N/A	None
02/25/09	15:46	NA	-2	Negative air flow	11	N/A	Stop purge/sampling.

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:29	15:46	77.0	6	77.92	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/25/09	15:46	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-99

General Notes

Size: 1Site location is a three story multifamily apartment building. Yellowish with bluish-gray-red brick trim and a green iron fence and gate. Good access from road.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2107SG001-NS**
Location ID: 2107
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 32/26/2009.
Location was not sampled.
The sampling location is a multi-storied apartment bldg in downtown Naples. Aportion of the building's lowest floor is occupied by a business (car garage/repair) not associated with the apartment owner. Access to up-stairs apartments is through another entry way. The apartment owner though the sample team should be able to sample the property as a near-slab on a public sidewalk. Sample team assessed this potential and decided against sampling due to the high likelyhood of existing utility lines (telephone/electrical/water/sewer) and the essential need for utility clearance from the city of Naples or a qualified agency.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2108SG001**
Location ID: 2108
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	4.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-20
Sample Canister	Yes	Sample Canister Serial Number	3203
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	02/28/2009	Leak Test Start Time	11:33
Leak Test End Date	02/28/2009	Leak Test End Time	11:38
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	1575

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/28/09	11:40	NA	-31	Negative air flow	19	N/A	Start purge/sampling.
02/28/09	11:54	NA	-26	Negative air flow	20	N/A	None
02/28/09	12:06	NA	-21	Negative air flow	20	N/A	None
02/28/09	12:19	NA	-16	Negative air flow	20	N/A	None
02/28/09	12:37	NA	-8	Negative air flow	20	N/A	None
02/28/09	12:50	NA	-3	Negative air flow	20	N/A	None
02/28/09	12:52	NA	-2	Negative air flow	20	N/A	Stop purge/sampling.

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:40	12:52	72.0	6	83.33	Negative air flow	NA	-2	20	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/28/09	12:52	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-106

General Notes

Size: 1Property is four story apartment complex white with green trim. Soil-gas sample was collected from outside near the building foundation on the driveway. Penetrated about six to eight inches of concrete then soft soil.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2109SG001-NS**
Location ID: 2109
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 33/3/2009: Location not sampled. Building is a multi-storied apartment building. Ground floor is tiled and not appropriate for drilling purposes. LL of apartment is not property owner. Property owned by an association. If it were to be sampled then it would be necessary for someone to contact the building association to gain consent. Sample team scouted location and feels that a near-slab in the back might be possible but would need someone from the association familiar with location of utility lines to be present at time of sampling.
It should be noted this apartment is part of a terraced complex and has been dug into the side of the hills above Naples. During scouting it was discovered that beneath part of the basement there is supporting foundation exposed and that the exposed portion was 3 to 4 meters tall. Whether the actual foundation is that thick would need further inquiry by future sampling personnel. It appears that the building is partially sitting on a terrace and partially on flat ground that was cut out of the hill. The possible sampling location would be through the black top of the parking area behind building.
It should also be noted that address given to sample team was incorrect. Housing personnel gave the address as Via Caravaggio No. 19 and telephonic contact with LL gave the number as Via Caravaggio No. 119. Housing may need to update or check their database.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2110SG001**
Location ID: 2110
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Mike Jaynes,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	fc13
Sample Canister	Yes	Sample Canister Serial Number	3242
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/16/09

Leak Test

Leak Test Start Date	02/26/2009	Leak Test Start Time	10:41
Leak Test End Date	02/26/2009	Leak Test End Time	10:46
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/26/09	10:48	NA	-29.5	Negative air flow	9	N/A	None
02/26/09	10:58	NA	-26	Negative air flow	9	N/A	None
02/26/09	11:08	NA	-22	Negative air flow	9	N/A	None
02/26/09	11:18	NA	-17	Negative air flow	9	N/A	None
02/26/09	11:28	NA	-13	Negative air flow	9	N/A	None
02/26/09	11:38	NA	-9	Negative air flow	9	N/A	None
02/26/09	11:48	NA	-5	Negative air flow	9	N/A	None
02/26/09	11:58	NA	-2	Negative air flow	9	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:48	11:58	70.0	6	85.71	Negative air flow	NA	-2	9	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/26/09	11:58	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-99

General Notes

Size: 1Dup. attempted but stopped due to faulty Summa or Regulator connection.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2111SG001**
Location ID: 2111
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3268
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	03/14/2009	Leak Test Start Time	10:25
Leak Test End Date	03/14/2009	Leak Test End Time	10:35
Leak Test Duration (min)	10	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	150

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
03/14/09	10:38	NA	-29.5	Negative air flow	14.5	N/A	Start Sample
03/14/09	10:56	NA	-23	Negative air flow	14	N/A	None
03/14/09	11:19	NA	-12	Negative air flow	14	N/A	None
03/14/09	11:36	NA	-5	Negative air flow	14	N/A	None
03/14/09	11:44	NA	-2	Negative air flow	14	N/A	end sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
10:38	11:44	66.0	6	90.91	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/14/09	11:44	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-129

General Notes

Size: 2Sample location is a three-story apartment building with 6 units and a subterranean garage. Sample team met the person on-site and through initial interview it was determined that there are two landlords which own this property. The on-site person owns half the building and his brother--who resides in Florence--owns the other half. Sample team made telephonic contact with the Florence LL and obtained verbal consent to the sampling. Telephone number was provided by Housing Office. The on-site LL signed consent form provided by Sample Team. Sampling took place in the 1.5 ft deep storm drain just in front of subterranean garage. Sample team drilled through approx. 1 ft of concrete and drove a stainless steel soil-vapor probe down approx. 6 ft. Subterranean garage is approx. 8 ft. below grade. Soil-vapor probe was set 7.5 ft below subterranean garage level and 15.5 ft below grade.
Water samples were also taken at this location. See Tap/Residential Water log for further explanation of multiple apartments at this location.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2112SG001**
Location ID: 2112
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Roberta Durante,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3260
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/09/09

Leak Test

Leak Test Start Date	03/18/2009	Leak Test Start Time	11:28
Leak Test End Date	03/18/2009	Leak Test End Time	11:36
Leak Test Duration (min)	7	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	142.86	Results of Leak Test (ppm-He)	6450

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/18/09	11:37	NA	-30	Negative air flow	12	N/A	None
03/18/09	11:52	NA	-24	Negative air flow	11	N/A	None
03/18/09	12:05	NA	-19	Negative air flow	12	N/A	None
03/18/09	12:18	NA	-13	Negative air flow	11	N/A	None
03/18/09	12:28	NA	-9	Negative air flow	11	N/A	None
03/18/09	12:38	NA	-5	Negative air flow	11	N/A	None
03/18/09	12:47	NA	-2	Negative air flow	11	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:37	12:47	70.0	6	85.71	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/18/09	12:50	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-137

General Notes

Size: 2Sample was collected in a garage/storage area owned by the landlord/tenant who is American. The garage is located underneath the Parco complex approximately 30 feet from the foundation footprint of the bldg. - it is a self-contained unit that the owner uses as a workshop. The floor is completely covered with a concrete slab.
Called K. Simpson to explain layout and it was decided we should take the soil gas sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2113SG001**
Location ID: 2113
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Roberta Durante,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3185
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/09/09

Leak Test

Leak Test Start Date	03/20/2009	Leak Test Start Time	13:54
Leak Test End Date	03/20/2009	Leak Test End Time	13:59
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/20/09	14:01	NA	-28	Negative air flow	9	N/A	Start sample
03/20/09	14:53	NA	-7	Negative air flow	9	N/A	None
03/20/09	15:01	NA	-3.5	Negative air flow	9	N/A	None
03/20/09	15:06	NA	-2	Negative air flow	9	N/A	End sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:01	15:06	65.0	6	92.31	Negative air flow	NA	-2	9	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/20/09	15:06	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-142

General Notes

Size: 2Sample location four-story apartment building with 4 units. The fourth floor was the unit available for rent. Location is very close to a gas station (approx. 100 ft.). Sampling took place behind building next to garage entrance as a near-slab. Sample team drilled down approx 4 ft through concrete and other material (multiple layers of concrete) and drove a stainless steal soil-vapor probe down to a depth of 6 ft bgs.
Note: There are two buildings with the #27 as house number. This location is the one closest to the Agip gas station. Number is painted on gray fence.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2114SG001**
Location ID: 2114
QC Duplicate ID: N/A

Lead Sampler: Charlie Warino
Additional Sampler(s) Andrea Gnoffo,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3221
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/19/09

Leak Test

Leak Test Start Date	04/04/2009	Leak Test Start Time	09:40
Leak Test End Date	04/04/2009	Leak Test End Time	9:45
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/04/09	9:46	NA	-30	Negative air flow	14	N/A	None
04/04/09	10:00	NA	-19	Negative air flow	14	N/A	None
04/04/09	10:27	NA	-14	Negative air flow	15	N/A	None
04/04/09	10:56	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:46	10:56	70.0	6	85.71	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/04/09	10:56	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-175

General Notes

Size: 2Near slab sample collected in garden behind building
10 ft from edge of structure.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2115SG001**
Location ID: 2115
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,Charlie Warino
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3246
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/09/09

Leak Test

Leak Test Start Date	03/25/2009	Leak Test Start Time	14:38
Leak Test End Date	03/25/2009	Leak Test End Time	14:47
Leak Test Duration (min)	9	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	222.22	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
03/25/09	14:50	NA	-29	Negative air flow	13	N/A	Start Sample
03/25/09	15:15	NA	-20	Negative air flow	13	N/A	None
03/25/09	15:31	NA	-14	Negative air flow	13	N/A	None
03/25/09	15:49	NA	-7	Negative air flow	13	N/A	None
03/25/09	16:02	NA	-2	Negative air flow	13	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
14:50	16:02	72.0	6	83.33	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/25/09	16:02	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-156

General Notes

Size: 1Sample location is a four-story apartment building. Sampling took place in the basement (winepress room) as a sub-slab. Basement floor was unfinished concrete. The available apartment is on the fourth floor. Sample team drilled through 3.5 ft of concrete and used Teflon tubing. Sample inlet was set at approx 3 to 3.5 ft depth bgs. The leak test took longer than expected. Tedlar bag wasnt filling up at normal rate. Sample team let pump run for approx. 9 min and then sampled bag. Leak test was unaffected. Sample team verified flow rate back at support site. Sampling with summa can seemed to proceed at a normal rate.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2116SG001**
Location ID: 2116
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Charlie Warino
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3066
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/24/09

Leak Test

Leak Test Start Date	03/26/2009	Leak Test Start Time	10:24
Leak Test End Date	03/26/2009	Leak Test End Time	10:29
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
03/26/09	10:32	NA	-29	Negative air flow	14	N/A	None
03/26/09	10:32	NA	-29	Negative air flow	14	N/A	Start sample
03/26/09	11:11	NA	-13	Negative air flow	13	N/A	None
03/26/09	11:27	NA	-7	Negative air flow	13	N/A	None
03/26/09	11:38	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
10:32	11:38	66.0	6	90.91	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/26/09	11:38	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-152

General Notes

Size: 2Sample location is a three-story apartment unit with a subterranean basement. There are four units in this building with this unit being one of the middle two units. Sampling took place in the basement as a sub-slab. Sample team drilled through approx. 3 ft. of concrete to soil - setting the Teflon inlet at approx 3 ft bgs.
Note: Address given to sample team was Via Strada Privata Diaz #4. Upon meeting with LL it was noticed that the residence bears the number Via Strada Privata Diaz #5. When questioned about the discrepancy LL had no idea and only stated that there is no Via Strada Privata Diaz #4. Sample team decided to sample residence any way--making note in this log.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2117SG001**
Location ID: 2117
QC Duplicate ID: FDSG033109-01

Lead Sampler: Charlie Warino
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC22
Sample Canister	Yes	Sample Canister Serial Number	3261
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/12/09

Leak Test

Leak Test Start Date	03/31/2009	Leak Test Start Time	10:32
Leak Test End Date	03/31/2009	Leak Test End Time	10:40
Leak Test Duration (min)	8	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	125.00	Results of Leak Test (ppm-He)	425

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/31/09	10:42	NA	-30	Negative air flow	14	N/A	DUPLICATE: -30 (Hg-in)
03/31/09	10:59	NA	-25	Negative air flow	14	N/A	DUPLICATE: -23 (Hg-in)
03/31/09	11:11	NA	-20	Negative air flow	14	N/A	DUPLICATE: -17 (Hg-in)
03/31/09	11:23	NA	-15	Negative air flow	14	N/A	DUPLICATE: -12.5 (Hg-in)
03/31/09	11:35	NA	-10	Negative air flow	14	N/A	DUPLICATE: -8(Hg-in)
03/31/09	11:51	NA	-4	Negative air flow	14	N/A	DUPLICATE -2 (Hg-in)
03/31/09	11:59	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:42	11:59	77.0	6	77.92	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/31/09	11:59	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-161

General Notes

Size: 3DUPLICATE: gauge FC13
summa canister 3178
leak check date: 03/12/2009

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2118SG001**
Location ID: 2118
QC Duplicate ID: N/A

Lead Sampler: Charlie Warino
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	fc13
Sample Canister	Yes	Sample Canister Serial Number	3241
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/09/09

Leak Test

Leak Test Start Date	03/31/2009	Leak Test Start Time	14:24
Leak Test End Date	03/31/2009	Leak Test End Time	14:41
Leak Test Duration (min)	17	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	117.65	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/31/09	14:42	NA	-29	Negative air flow	15	N/A	None
03/31/09	15:09	NA	-19	Negative air flow	15	N/A	None
03/31/09	15:21	NA	-14	Negative air flow	15	N/A	None
03/31/09	15:31	NA	-10	Negative air flow	15	N/A	None
03/31/09	15:52	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:42	15:52	70.0	6	85.71	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/31/09	15:52	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-168

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2128SG001-NS**
Location ID: 2128
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 15/4/2009: Location scheduled but was cancelled "CNX" - location not revisited or sampled.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2130SG001**
Location ID: 2130
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) Andrea Gnoffo,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3123
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	04/02/2009	Leak Test Start Time	09:23
Leak Test End Date	04/02/2009	Leak Test End Time	9:36
Leak Test Duration (min)	13	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	76.92	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/02/09	9:38	NA	-30	Negative air flow	13	N/A	None
04/02/09	9:47	NA	-26	Negative air flow	13	N/A	None
04/02/09	10:05	NA	-18	Negative air flow	12	N/A	None
04/02/09	10:16	NA	-14	Negative air flow	12	N/A	None
04/02/09	10:33	NA	-7	Negative air flow	13	N/A	None
04/02/09	10:47	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:38	10:47	69.0	6	86.96	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/02/09	10:47	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-171

General Notes

Size: 1Sample collected in small (10'x 4') grassy area towards back of the home. Very little resistance when inserting the rods.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2139SG001**
Location ID: 2139
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) Simona Campobasso,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-34
Sample Canister	Yes	Sample Canister Serial Number	3142
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/10/09

Leak Test

Leak Test Start Date	04/04/2009	Leak Test Start Time	09:37
Leak Test End Date	04/04/2009	Leak Test End Time	9:42
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	25

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/04/09	9:43	NA	-29	Negative air flow	16	N/A	None
04/04/09	9:54	NA	-25	Negative air flow	16	N/A	None
04/04/09	10:08	NA	-20	Negative air flow	16	N/A	None
04/04/09	10:21	NA	-14	Negative air flow	16	N/A	None
04/04/09	10:30	NA	-10	Negative air flow	16	N/A	None
04/04/09	10:43	NA	-5	Negative air flow	16	N/A	None
04/04/09	10:50	NA	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:43	10:50	67.0	6	89.55	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/04/09	10:52	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-175

General Notes

Size: 1Sample is sub-slab in garage. Ceiling height in garage less than 6 ft - used for storage. Reduced height because of room above part of garage - not connected to rest of house. Old motorcycle and fuel cans stored in the garage. Floor is poured concrete. Metal stairs go up to floor above which is laundry room.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2140SG001**
Location ID: 2140
QC Duplicate ID: N/A

Lead Sampler: Charlie Warino
Additional Sampler(s) Simona Campobasso,Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3756
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	04/08/2009	Leak Test Start Time	10:43
Leak Test End Date	04/08/2009	Leak Test End Time	10:48
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/08/09	10:50	NA	-29	Negative air flow	17	N/A	None
04/08/09	11:18	NA	-21	Negative air flow	16	N/A	None
04/08/09	11:40	NA	-14	Negative air flow	15.5	N/A	None
04/08/09	12:02	NA	-7	Negative air flow	16	N/A	None
04/08/09	12:18	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:50	12:18	88.0	6	68.18	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/08/09	12:18	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-180

General Notes

Size: 1ASG SUB SLAB SAMPLE COLLECTED IN GARAGE AREA OUTSIDE OF UNIT NUMBER 17. POWER SUPPLIED BY APARTMENT ABOVE.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2150SG001**
Location ID: 2150
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso,Charlie Warino
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	2288
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/09/09

Leak Test

Leak Test Start Date	04/23/2009	Leak Test Start Time	13:33
Leak Test End Date	04/23/2009	Leak Test End Time	13:44
Leak Test Duration (min)	11	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	181.82	Results of Leak Test (ppm-He)	3100

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/23/09	13:48	NA	-30	Negative air flow	20	N/A	None
04/23/09	13:58	NA	-27	Negative air flow	22	N/A	None
04/23/09	14:08	NA	-22	Negative air flow	24	N/A	None
04/23/09	14:18	NA	-18	Negative air flow	20	N/A	None
04/23/09	14:28	NA	-14	Negative air flow	20	N/A	None
04/23/09	14:40	NA	-10	Negative air flow	20	N/A	None
04/23/09	14:48	NA	-8	Negative air flow	20	N/A	None
04/23/09	14:58	NA	-4	Negative air flow	20	N/A	None
04/23/09	15:05	NA	-2	Negative air flow	20	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:48	15:05	77.0	6	77.92	Negative air flow	NA	-2	20	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/23/09	15:05	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-202

General Notes

Size: 1The first floor of the building is an engineers office. The second and third floors are the rental unit. The building is built on a slab and the first floor is all tiled. The sample was collected from the only open ground around a small palm tree. The probe rod was driven to 6.5 feet.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2151SG001-NS**
Location ID: 2151
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 14/27/2009: No soil gas sample at location. This location had a Tap Water sample only as this location was in downtown Naples - No ASG available.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2152SG001**
Location ID: 2152
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso,Charlie Warino
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3235
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/09/09

Leak Test

Leak Test Start Date	04/22/2009	Leak Test Start Time	10:00
Leak Test End Date	04/22/2009	Leak Test End Time	10:10
Leak Test Duration (min)	9	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	222.22	Results of Leak Test (ppm-He)	50.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/22/09	10:15	NA	-29	Negative air flow	15	N/A	None
04/22/09	10:25	NA	-16	Negative air flow	15	N/A	None
04/22/09	10:35	NA	-22	Negative air flow	15	N/A	None
04/22/09	10:45	NA	-18	Negative air flow	15	N/A	None
04/22/09	10:55	NA	-13	Negative air flow	15	N/A	None
04/22/09	11:05	NA	-9	Negative air flow	15	N/A	None
04/22/09	11:15	NA	-6	Negative air flow	15	N/A	None
04/22/09	11:25	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:15	11:25	70.0	6	85.71	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/22/09	11:25	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-196

General Notes

Size: 1ASG is a near slab sample located in grassy area adjacent to tiled patio. The patio was located over the garage area - the closest area to the house accessible to collect soil gas was this garden area. Six attempts were made with the tile probe to get to depth. Refusal was hit between 1 an 2 feet at each of the attempted locations. The area chosen for the soil gas sample went to 4 feet with the tile probe. The probe rod was set at 3.5 feet - backfilled with sand and soil and seal with a clay cap before sampling was begun.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2153SG001-NS**
Location ID: 2153
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 15/7/2009: Location planned for ASG in the basement (private cellar). Location not available for sampling since was in apartment complex - ASG not collected.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2154SG001**
Location ID: 2154
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3270
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/15/09

Leak Test

Leak Test Start Date	04/28/2009	Leak Test Start Time	10:04
Leak Test End Date	04/28/2009	Leak Test End Time	10:14
Leak Test Duration (min)	10	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	100.00	Results of Leak Test (ppm-He)	1150

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/28/09	10:16	NA	-29	Negative air flow	13	N/A	None
04/28/09	10:28	NA	-25	Negative air flow	12	N/A	None
04/28/09	10:38	NA	-21	Negative air flow	12	N/A	None
04/28/09	10:48	NA	-16	Negative air flow	13	N/A	None
04/28/09	10:58	NA	-11	Negative air flow	13	N/A	None
04/28/09	11:08	NA	-8	Negative air flow	13	N/A	None
04/28/09	11:18	NA	-4	Negative air flow	13	N/A	None
04/28/09	11:24	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:16	11:24	68.0	6	88.24	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/28/09	11:24	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-207

General Notes

Size: 1The sample was collected from the LL's garage located four floors below the apartment. The sample was collected below 4-inches of asphalt and 3-feet of concrete to a total depth of 3.5 feet using 0.25 Teflon tubing.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2155SG001-NS**
Location ID: 2155
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 15/5/2009: ASG planned for the backyard or in the basement. Appointment cancelled and "CNX" on schedule. No soil gas sample collected.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2156SG001**
Location ID: 2156
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3241
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/15/09

Leak Test

Leak Test Start Date	05/04/2009	Leak Test Start Time	11:27
Leak Test End Date	05/04/2009	Leak Test End Time	11:36
Leak Test Duration (min)	9	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	222.22	Results of Leak Test (ppm-He)	475

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
05/04/09	11:37	NA	-30	Negative air flow	13	N/A	None
05/04/09	11:47	NA	-26	Negative air flow	14	N/A	None
05/04/09	11:59	NA	-22	Negative air flow	14	N/A	None
05/04/09	12:09	NA	-17	Negative air flow	14	N/A	None
05/04/09	12:19	NA	-12	Negative air flow	15	N/A	None
05/04/09	12:29	NA	-9	Negative air flow	15	N/A	None
05/04/09	12:38	NA	-5	Negative air flow	16	N/A	None
05/04/09	12:45	NA	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:37	12:45	68.0	6	88.24	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/04/09	12:45	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-211

General Notes

Size: 1The location was hand augured to four feet to clear utilities. The probe rod was driven to 6.5 feet back filled leak tested and sampled.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA50SG002**
Location ID: CA50
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Mike Jaynes,Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	fc13
Sample Canister	Yes	Sample Canister Serial Number	3247
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/04/09

Leak Test

Leak Test Start Date	02/20/2009	Leak Test Start Time	14:17
Leak Test End Date	02/20/2009	Leak Test End Time	14:23
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/20/09	14:24	NA	-29.7	Negative air flow	12	N/A	None
02/20/09	14:35	NA	-25.5	Negative air flow	11	N/A	None
02/20/09	14:49	NA	-20	Negative air flow	10	N/A	None
02/20/09	14:56	NA	-17	Negative air flow	10	N/A	None
02/20/09	15:06	NA	-12	Negative air flow	10	N/A	None
02/20/09	15:16	NA	-8	Negative air flow	10	N/A	None
02/20/09	15:28	NA	-4	Negative air flow	10	N/A	None
02/20/09	15:33	NA	-2	Negative air flow	10	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:24	15:33	69.0	6	86.96	Negative air flow	NA	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/20/09	15:34	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-91

General Notes

Size: 1Attempted a hole and hit refusal at 6". Likely hit a piece of rebar. Sampled at second hole.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA50SG001**
Location ID: CA50
QC Duplicate ID: N/A

Lead Sampler: Katie Conrad
Additional Sampler(s) Patrick Leonard,Chuck Conrad,John Wright,Terry Rojahn
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	PE tubing
Bottom Depth of Probe(ft-bgs)	0.6	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC21
Sample Canister	Yes	Sample Canister Serial Number	1038
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/08/08

Leak Test

Leak Test Start Date	12/04/2008	Leak Test Start Time	13:18
Leak Test End Date	12/04/2008	Leak Test End Time	13:28
Leak Test Duration (min)	10	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
12/04/08	13:31	NA	-29	Negative air flow	17	N/A	Start of sampling
12/04/08	13:41	NA	-23.5	Negative air flow	17	N/A	None
12/04/08	13:51	NA	-19	Negative air flow	17	N/A	None
12/04/08	14:01	NA	-15	Negative air flow	17	N/A	None
12/04/08	14:11	NA	-11	Negative air flow	17	N/A	None
12/04/08	14:21	NA	-7	Negative air flow	17	N/A	None
12/04/08	14:31	NA	-3	Negative air flow	17	N/A	End of sampling

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:31	14:31	60.0	6	100.0	Negative air flow	NA	-3	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/04/08	14:33	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-1

General Notes

Size: 2Sub-slab sample location in basement hall at the BQ/BH building at Capo Facility. Location between two service elevators in floor slab near floor drain.
Thickness of concrete approximately 6-in with probe to just below sub-slab level.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA51SG001**
Location ID: CA51
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) Patrick Leonard,Mike Jaynes,Terry Rojahn
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.5	Type of Probe	PE tubing
Bottom Depth of Probe(ft-bgs)	1.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC21
Sample Canister	Yes	Sample Canister Serial Number	SN3179
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/06/08

Leak Test

Leak Test Start Date	12/08/2008	Leak Test Start Time	12:09
Leak Test End Date	12/08/2008	Leak Test End Time	12:13
Leak Test Duration (min)	4	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	500.00	Results of Leak Test (ppm-He)	100

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
12/08/08	12:21	NA	-28	Negative air flow	19	N/A	Start Purge
12/08/08	12:41	NA	-22	Negative air flow	19	N/A	None
12/08/08	12:51	NA	-18	Negative air flow	20	N/A	None
12/08/08	13:01	NA	-13	Negative air flow	21	N/A	None
12/08/08	13:11	NA	-8	Negative air flow	21	N/A	None
12/08/08	13:21	NA	-3	Negative air flow	20	N/A	None
12/08/08	13:26	NA	-2	Negative air flow	21	N/A	End Purge

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
12:21	13:26	65.0	6	92.31	Negative air flow	NA	-2	21	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/08/08	13:26	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-1

General Notes

Size: 5Started sample setup at 10:00.
Located drill spot between two elevators in basement slab.
Maxed out 16-inch bit and still no break through.
Hole was approximately 18 inches deep to bottom of slab (estimated based on drilling effort). Used 48-inch bit to drill through and get into material with less effort.
Location is 18-inches from the wall.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA52SG001**
Location ID: CA52
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Katie Conrad
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3157
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/13/09

Leak Test

Leak Test Start Date	03/04/2009	Leak Test Start Time	10:14
Leak Test End Date	03/04/2009	Leak Test End Time	10:19
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/04/09	10:27	NA	-29.5	Negative air flow	14	N/A	Start Sampling
03/04/09	10:40	NA	-25	Negative air flow	14	N/A	None
03/04/09	10:51	NA	-20	Negative air flow	14	N/A	None
03/04/09	11:03	NA	-15	Negative air flow	14	N/A	None
03/04/09	11:14	NA	-10	Negative air flow	14	N/A	None
03/04/09	11:27	NA	-5	Negative air flow	14	N/A	None
03/04/09	11:37	NA	-2	Negative air flow	14	N/A	End Sampling

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:27	11:37	70.0	6	85.71	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/04/09	11:37	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-112

General Notes

Size: 2Sample was taken in a small workshop next to the fire station. Drilled through concrete about 1 1/2 feet deep. There was some Styrofoam from an insulation layer.
GPS data = 40.88052N and 14.29036E (Garmin)

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA53SG001**
Location ID: CA53
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3053
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/12/09

Leak Test

Leak Test Start Date	03/04/2009	Leak Test Start Time	13:15
Leak Test End Date	03/04/2009	Leak Test End Time	13:20
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	375

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/04/09	13:24	NA	-30	Negative air flow	12	N/A	Start Sample
03/04/09	13:24	NA	-30	Negative air flow	12	N/A	Start Sample
03/04/09	13:45	NA	-23	Negative air flow	13	N/A	None
03/04/09	14:05	NA	-14	Negative air flow	13	N/A	None
03/04/09	14:22	NA	-7	Negative air flow	14	N/A	None
03/04/09	14:35	NA	-2	Negative air flow	14	N/A	End Purge

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:24	14:35	71.0	6	84.51	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/04/09	14:36	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-112

General Notes

Size: 2CA53 sampled as a near-slab behind building BEQ1. Sampled by means of drilling a hole through cement and driving the soil-vapor probe down 6 ft near rear stairwell door.
GPS= 40.88139N and 14.29110E (TomTom)

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA54SG001**
Location ID: CA54
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Chuck Conrad
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.66	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC22
Sample Canister	Yes	Sample Canister Serial Number	3236
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/12/09

Leak Test

Leak Test Start Date	03/04/2009	Leak Test Start Time	12:04
Leak Test End Date	03/04/2009	Leak Test End Time	12:09
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/04/09	12:11	NA	less than -30 inches Hg	Negative air flow	19	N/A	Gauge reading before Summa was opened was -2 inches Hg
03/04/09	12:24	NA	-27	Negative air flow	20	N/A	None
03/04/09	12:34	NA	-22.5	Negative air flow	20	N/A	None
03/04/09	12:44	NA	-18	Negative air flow	19	N/A	None
03/04/09	12:54	NA	-14	Negative air flow	19	N/A	None
03/04/09	13:04	NA	10	Negative air flow	19	N/A	None
03/04/09	13:14	NA	-6	Negative air flow	19	N/A	None
03/04/09	13:22	NA	-4	Negative air flow	19	N/A	Stopped sample early - regualtor will not go to 0

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
12:11	13:22	71.0	6	84.51	Negative air flow	NA	-4	19	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/04/09	13:22	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-112

General Notes

Size: 2GPS walking = 40.88138N and 14.29198E (Garmin)
Notes added by PL on 3/5/09--Sample location was the Marine General Purpose Building (Bldg. 447). Sampling took place in an electrical utility closet behind building. Access to utility closet was from outside. Sample team drilled through approx. 1.5 feet of concrete w/cobbles (slab thickness 8") and sampled as a sub-slab.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA55SG001**
Location ID: CA55
QC Duplicate ID: FDSG030409-01

Lead Sampler: Chuck Conrad
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3154
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/13/09

Leak Test

Leak Test Start Date	03/04/2009	Leak Test Start Time	14:27
Leak Test End Date	03/04/2009	Leak Test End Time	14:32
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/04/09	14:34	NA	-29	Negative air flow	17	N/A	FD = -29
03/04/09	14:45	NA	-25	Negative air flow	15	N/A	FD = -25
03/04/09	14:58	NA	-19.5	Negative air flow	16	N/A	FD = -19.5
03/04/09	15:07	NA	-15.75	Negative air flow	15.5	N/A	FD = -15.5
03/04/09	15:22	NA	-10	Negative air flow	NA	N/A	FD = -9.5
03/04/09	15:35	NA	-4.75	Negative air flow	15	N/A	FD = -4
03/04/09	15:40	NA	-3	Negative air flow	14	N/A	FD = -2

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:34	15:40	66.0	6	90.91	Negative air flow	NA	-3	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/04/09	15:40	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-112

General Notes

Size: 4Field Duplicate:
Gauge = FC38 and Summa Serial # = 1033 and Summa Model # = 24182-650
Walking GPS location = 40.88214N and 14.29361E (Garmin)
Notes added by PL on 3/5/09--Sample location was the Child Development Center (bldg 458). Sampling took place in a electrical utility closet on the side of building. Sample team drilled through 1.5 ft of concrete and sampled as a sub-slab.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA56SG002**
Location ID: CA56
QC Duplicate ID: FD063009-03

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3755
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/28/09

Leak Test

Leak Test Start Date	06/30/2009	Leak Test Start Time	21:42
Leak Test End Date	06/30/2009	Leak Test End Time	21:50
Leak Test Duration (min)	8	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/30/09	21:52	NA	-30	Negative air flow	19	N/A	FD = -29
06/30/09	22:02	NA	-26.5	Negative air flow	18	N/A	FD = -26
06/30/09	22:12	NA	-22.5	Negative air flow	17	N/A	FD = -22
06/30/09	22:22	NA	-19	Negative air flow	17	N/A	FD = -18.5
06/30/09	22:32	NA	-15	Negative air flow	17	N/A	FD = -14.5
06/30/09	22:42	NA	-11	Negative air flow	17	N/A	FD = -10.5
06/30/09	22:52	NA	-7	Negative air flow	17	N/A	FD = -7
06/30/09	23:02	NA	-3.5	Negative air flow	17	N/A	FD = -3
06/30/09	23:05	NA	-2.5	Negative air flow	17	N/A	FD = -2

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
21:52	23:05	73.0	6	82.19	Negative air flow	NA	-2.5	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/30/09	23:05	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-261

General Notes

Size: 4Duplicate sample FD063009-03 was collected from this location
The canister regulator number = FC-34 and serial number = 1038
The canister Model number = 24182-650 and clean check date = 05/28/09
ASG Summa Canisters (routine sample & Dup) collect soil gas from the same hole as CA56SG001. The sampling location was in the subterranean portion of the water treatment plant building #459 down the stairs in the SW corner of the building. The hole was positioned 45" off the south wall and 98" off the East subterranean wall.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA56SG001**
Location ID: CA56
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3131
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	03/05/2009	Leak Test Start Time	09:02
Leak Test End Date	03/05/2009	Leak Test End Time	9:07
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/05/09	9:12	NA	-30	Negative air flow	16	N/A	Start Sample
03/05/09	9:28	NA	-24	Negative air flow	16	N/A	None
03/05/09	9:44	NA	-17	Negative air flow	16	N/A	None
03/05/09	10:00	NA	-10	Negative air flow	16	N/A	None
03/05/09	10:15	NA	-4	Negative air flow	16	N/A	None
03/05/09	10:21	NA	-2	Negative air flow	16	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:12	10:21	69.0	6	86.96	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/05/09	10:21	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-112

General Notes

Size: 2Sample location is the public Water Treatment Plant (Bldg 459) for the Capodichino site. Sample team scouted and cleared utilities the previous day with public works and set up an appointment with the water treatment personnel for their input on piping and utilities in the proposed drilling location. Sample collected in a subterranean portion of facility designed for pumping water to fill external tanks. Sample team drilled through 3 ft. of concrete and set up for a sub-slab ASG.
Field GPS walking = 40.88300N and 14.29522E

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA56IA001**
Location ID: CA56
QC Duplicate ID: FD063009-02

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Indoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-25
Sample Canister	Yes	Sample Canister Serial Number	3114
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/11/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/30/09	8:16	NA	-30	Negative air flow	20	N/A	FD = -30
06/30/09	10:16	NA	-28.5	Negative air flow	19	N/A	FD = -27
06/30/09	12:16	NA	-24	Negative air flow	19	N/A	FD = -22
06/30/09	14:16	NA	-19	Negative air flow	19	N/A	FD = -17
06/30/09	16:16	NA	-15	Negative air flow	19	N/A	FD = -12.5
06/30/09	18:16	NA	-10	Negative air flow	19	N/A	FD = -8
06/30/09	20:12	NA	-6	Negative air flow	19	N/A	FD = -4
06/30/09	21:00	NA	-4	Negative air flow	18	N/A	FD = -2

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
8:16	21:00	764.0	6	7.85	Negative air flow	NA	-4	18	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/30/09	21:00	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-261

General Notes

Size: 6Duplicate sample FD063009-02 was collected from this location
The canister regulator number = FC-27 and serial number = 3268
The canister Model number = 24182-650 and clean check date was 06/17/09
IA Summa Canisters (routine sample & Dup) are positioned 3' to the right of the subterranean stairway in the SW corner of the water treatment plant building #459 setting on a clean work bench - canister intakes' at 4.5'.
Chlorine odor present at times - area upstairs used for filtration chlorination - water storage and etc.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA56AA001**
Location ID: CA56
QC Duplicate ID: FD063009-01

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-08
Sample Canister	Yes	Sample Canister Serial Number	3218
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	06/16/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/30/09	8:20	NA	-30	Negative air flow	21	N/A	FD = -30
06/30/09	10:20	NA	-28	Negative air flow	27	N/A	FD = -27
06/30/09	12:20	NA	-23	Negative air flow	28	N/A	FD = -22
06/30/09	14:20	NA	-18	Negative air flow	28	N/A	FD = -18
06/30/09	16:20	NA	-14.5	Negative air flow	23	N/A	FD = -14
06/30/09	18:20	NA	-9	Negative air flow	18	N/A	FD = -8.5
06/30/09	20:20	NA	-4	Negative air flow	18	N/A	FD = -4
06/30/09	21:15	NA	-3	Negative air flow	17.5	N/A	FD = -2

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
8:20	21:15	775.0	6	7.74	Negative air flow	NA	-3	17.5	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/30/09	21:15	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-261

General Notes

Size: 5Duplicate sample FD063009-01 was collected from this location
The regulator number = FC-17 and canister number = 3175
The canister serial number = 24182-650 and the clean check date = 05/12/09
AA Summa Canisters (routine sample & Dup) are positioned outside 30' South of the SW corner of the water treatment plant Bldg #459 next to the sidewalk and road setting on a mobile potable water trailer - canister intakes' at 4.2'.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA57SG001**
Location ID: CA57
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Roberta Durante,William Olson,Charlie Warino
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3766
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	03/27/2009	Leak Test Start Time	09:58
Leak Test End Date	03/27/2009	Leak Test End Time	10:06
Leak Test Duration (min)	8	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	125.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/27/09	10:07	NA	-30	Negative air flow	18	N/A	None
03/27/09	10:19	NA	-25	Negative air flow	17	N/A	None
03/27/09	10:30	NA	-21	Negative air flow	17	N/A	None
03/27/09	10:41	NA	-16	Negative air flow	17	N/A	None
03/27/09	10:50	NA	-12	Negative air flow	17	N/A	None
03/27/09	11:00	NA	-8	Negative air flow	18	N/A	None
03/27/09	11:10	NA	-4	Negative air flow	17	N/A	None
03/27/09	11:16	NA	-2	Negative air flow	17	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:07	11:16	69.0	6	86.96	Negative air flow	NA	-2	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/27/09	11:16	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-155

General Notes

Size: 33/27/09 0900 - Met with Keith Simpson and Ciro (PWD rep) and the rest of the TTNUS/SI crew at the Public Works Bldg. at Capo. Then we moved to Bldg. 415 - the Capo Air Operations Terminal and were directed to the basement of the building to clear the location for soil gas sample CA57SG001.
Following utility clearance the sample was collected as a sub-slab just around the corner from the elevator (see sketch).
Field GPS data = 40.88016N and 14.29100E via Garmin at the front door of Capo Air Operations Terminal (Bldg 415).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA58SG001**
Location ID: CA58
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) Charlie Warino
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3218
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/09/09

Leak Test

Leak Test Start Date	03/27/2009	Leak Test Start Time	11:10
Leak Test End Date	03/27/2009	Leak Test End Time	11:16
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/27/09	11:18	NA	-29.5	Negative air flow	18	N/A	None
03/27/09	11:28	NA	-25	Negative air flow	18	N/A	None
03/27/09	11:43	NA	-19	Negative air flow	18	N/A	None
03/27/09	11:55	NA	-14	Negative air flow	17	N/A	None
03/27/09	12:07	NA	-9	Negative air flow	18	N/A	None
03/27/09	12:18	NA	-5	Negative air flow	17	N/A	None
03/27/09	12:25	NA	-2	Negative air flow	17	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:18	12:25	67.0	6	89.55	Negative air flow	NA	-2	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/27/09	12:25	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-155

General Notes

Size: 1Sample collected in Maintenance Room (G37) of Building #449.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA59SG001**
Location ID: CA59
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC23
Sample Canister	Yes	Sample Canister Serial Number	3176
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/12/09

Leak Test

Leak Test Start Date	03/30/2009	Leak Test Start Time	11:25
Leak Test End Date	03/30/2009	Leak Test End Time	11:30
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/30/09	11:40	NA	-30	Negative air flow	22	N/A	None
03/30/09	11:55	NA	-26	Negative air flow	22	N/A	None
03/30/09	12:12	NA	-18	Negative air flow	22	N/A	None
03/30/09	12:29	NA	-11	Negative air flow	22	N/A	None
03/30/09	12:42	NA	-6	Negative air flow	22	N/A	None
03/30/09	12:58	NA	-3	Negative air flow	22	N/A	None
03/30/09	13:01	NA	2	Negative air flow	22	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:40	13:01	81.0	6	74.07	Negative air flow	NA	2	22	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/30/09	13:02	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-160

General Notes

Size: 1Field GPS = 40.88227N and 14.29200E via Garmin taken just outside the southeast door of the building near sample location. Sample collected within the very small CMAA Gear Locker (closet) located right next to the office where urinalyses are collected in Building 442. Sample collected approximately 1 foot in from the closet door and in the center from side to side (approx 18" on either side). See attached sketch.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA60SG001**
Location ID: CA60
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) Roberta Durante,Charlie Warino
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC23
Sample Canister	Yes	Sample Canister Serial Number	3202
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/09/09

Leak Test

Leak Test Start Date	03/27/2009	Leak Test Start Time	13:24
Leak Test End Date	03/27/2009	Leak Test End Time	13:30
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/27/09	13:30	NA	-30	Negative air flow	12	N/A	None
03/27/09	13:46	NA	-24	Negative air flow	16	N/A	None
03/27/09	14:00	NA	-19	Negative air flow	16	N/A	None
03/27/09	14:13	NA	-13	Negative air flow	16	N/A	None
03/27/09	14:30	NA	-6	Negative air flow	16	N/A	None
03/27/09	14:46	NA	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:30	14:46	76.0	6	78.95	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/27/09	14:46	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-160

General Notes

Size: 2Sample collected beneath stairs in rear stairwell of Building 422A. Sampling crew was instructed to drill through plastic tiles glued to concrete floor by Public Works escort.
Field GPS = 40.88325N and 14.29188E via Garmin at location under the stairwell rear of Bldg 442A.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA61SG001**
Location ID: CA61
QC Duplicate ID: N/A

Lead Sampler: William Olson
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC 23
Sample Canister	Yes	Sample Canister Serial Number	2886
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/05/09

Leak Test

Leak Test Start Date	03/30/2009	Leak Test Start Time	09:24
Leak Test End Date	03/30/2009	Leak Test End Time	9:29
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/30/09	9:34	NA	-30	Negative air flow	21	N/A	None
03/30/09	9:52	NA	-23	Negative air flow	21	N/A	None
03/30/09	10:10	NA	-16	Negative air flow	21	N/A	None
03/30/09	10:25	NA	-9	Negative air flow	21	N/A	None
03/30/09	10:38	NA	-5	Negative air flow	21	N/A	None
03/30/09	10:52	NA	-2	Negative air flow	21	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:34	10:52	78.0	6	76.92	Negative air flow	NA	-2	21	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/30/09	10:52	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-160

General Notes

Size: 2The sampling location is in the utility hallway of Navy Lodge building. Hallway runs the length of building side to side and is directly on the other side of the wall behind the lodge desk area. To get to sample location: Walk into Navy Lodge registration area - go to the left of the registration desk - pass the bathrooms on the right and go through the door into the hallway. Turn right and the sample location is just down the hall along the northern wall.
Field GPS = 40.88301N and 14.29360E via Garmin at the Navy Lodge - coordinates were collected just outside the Navy Lodge's main entrance.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA62SG001**
Location ID: CA62
QC Duplicate ID: FDSG040409-01

Lead Sampler: Charlie Warino
Additional Sampler(s) John Wright
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3143
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/05/09

Leak Test

Leak Test Start Date	04/04/2009	Leak Test Start Time	19:38
Leak Test End Date	04/04/2009	Leak Test End Time	19:48
Leak Test Duration (min)	10	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	100.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/04/09	19:50	NA	-30	Negative air flow	22	N/A	FD = > -30
04/04/09	20:08	NA	-25	Negative air flow	21	N/A	FD = -27
04/04/09	20:18	NA	-19	Negative air flow	21	N/A	FD = -22
04/04/09	20:28	NA	-14	Negative air flow	21	N/A	FD = -17
04/04/09	20:38	NA	-10	Negative air flow	21	N/A	FD = -13
04/04/09	20:48	NA	-6	Negative air flow	21	N/A	FD = -9
04/04/09	21:00	NA	-2	Negative air flow	21	N/A	FD = -4 @ 21:00 and -2 @ 21:05

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
19:50	21:00	70.0	6	85.71	Negative air flow	NA	-2	21	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/04/09	21:00	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-174

General Notes

Size: 1Duplicate gauge = FC22 and canister SN = 3208 with leak check on 3/4/2009.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA64IA001**
Location ID: CA64
QC Duplicate ID: FD062709-02

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Indoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-25
Sample Canister	Yes	Sample Canister Serial Number	3766
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/14/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/27/09	8:12	NA	-30	Negative air flow	20	N/A	FD = -29
06/27/09	10:11	NA	-27	Negative air flow	20	N/A	FD = -25
06/27/09	12:13	NA	-22	Negative air flow	20	N/A	FD = -20
06/27/09	14:12	NA	-17.5	Negative air flow	20	N/A	FD = -16
06/27/09	16:12	NA	-13	Negative air flow	21	N/A	FD = -11.5
06/27/09	18:12	NA	-9	Negative air flow	21	N/A	FD = -7
06/27/09	20:12	NA	-5	Negative air flow	21	N/A	FD = -3
06/27/09	20:38	NA	-4	Negative air flow	21	N/A	FD = -2

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
8:12	20:38	746.0	6	8.04	Negative air flow	NA	-4	21	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/27/09	20:38	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-260

General Notes

Size: 6Field Duplicate sample FD062709-02 was collected from this location.
The regulator number = FC-17 and the canister number was 3195
The canister Model number = 24182-650 and the clean check date was 05/14/09
The sample was collected from the supply overflow storage room - room number 159.1 - located along the back of the building toward the CDC and the second door up from the west exit. The storage room door was left open during sampling to allow for better air flow. The sample height is approximately 5 feet. The sample was collected 2 feet from the door opening and 2.5 feet from the hallway wall.
A pesticide cabinet was located within the storage area. The material contained in the cabinet included the following: DEET and N-octyl biccycloheptene Dicarboximide and Di-n-propyl Isocinchomeronate
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA64AA001**
Location ID: CA64
QC Duplicate ID: FD062709-01

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-27
Sample Canister	Yes	Sample Canister Serial Number	3226
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/14/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/27/09	8:17	NA	-30	Negative air flow	22	N/A	FD = -30
06/27/09	10:17	NA	-26	Negative air flow	23	N/A	FD = -27
06/27/09	12:17	NA	-22	Negative air flow	25	N/A	FD = -22
06/27/09	14:17	NA	-17	Negative air flow	24	N/A	FD = -17
06/27/09	16:17	NA	-13	Negative air flow	23	N/A	FD = -13
06/27/09	18:17	NA	-9	Negative air flow	21	N/A	FD = -8
06/27/09	20:17	NA	-5	Negative air flow	19	N/A	FD = -4
06/27/09	21:23	NA	-2	Negative air flow	19	N/A	FD = -2

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
8:17	21:23	786.0	6	7.63	Negative air flow	NA	-2	19	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/27/09	21:23	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-260

General Notes

Size: 5Field duplicate sample FD062609-01 was collected at this location
The Gauge Number = FC-08 and the canister serial number = 3760
The canister model number = 24182-650 and clean check date = 05/14/09
The sample was collected from 30 feet west of the western doorway at a height of approximately 6 feet on the roadway between buildings 457 (Medical Clinic) and 448 (Ciao Hall).
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA64SG001**
Location ID: CA64
QC Duplicate ID: FD062709-03

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3187
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	06/16/09

Leak Test

Leak Test Start Date	06/27/2009	Leak Test Start Time	21:19
Leak Test End Date	06/27/2009	Leak Test End Time	21:25
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	100

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/27/09	21:28	NA	-29	Negative air flow	21	N/A	FD = -27
06/27/09	21:38	NA	-25	Negative air flow	21	N/A	FD = -23
06/27/09	21:51	NA	-20	Negative air flow	21	N/A	FD = -18
06/27/09	21:58	NA	-16	Negative air flow	21	N/A	FD = -15
06/27/09	22:08	NA	-12	Negative air flow	21	N/A	FD = -10.5
06/27/09	22:18	NA	-8	Negative air flow	21	N/A	FD = -6.5
06/27/09	22:28	NA	-5	Negative air flow	21	N/A	FD = -3
06/27/09	22:30	NA	-4	Negative air flow	21	N/A	FD = -2

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
21:28	22:30	62.0	6	96.77	Negative air flow	NA	-4	21	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/27/09	22:30	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-260

General Notes

Size: 3The ASG sample location at the Capo Clinic was located in room 159.1 Supply Overflow Storage in BLDG. 457 just inside the door way. Field duplicate sample FD062709-03 was collected from this location.
The gauge number used = FC-38 also the canister number = 3251
The canister model number = 24182-650 also the leak check date was 06/16/09

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA65AA001**
Location ID: CA65
QC Duplicate ID: FD062809-01

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-08
Sample Canister	Yes	Sample Canister Serial Number	3110
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	06/15/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/28/09	8:10	NA	-30	Negative air flow	21	N/A	FD = -29
06/28/09	10:10	NA	-27	Negative air flow	22	N/A	FD = -25
06/28/09	12:10	NA	-22	Negative air flow	22	N/A	FD = -20.5
06/28/09	14:10	NA	-17	Negative air flow	23	N/A	FD = -16
06/28/09	16:10	NA	-13	Negative air flow	22	N/A	FD = -12
06/28/09	18:10	NA	-8	Negative air flow	18	N/A	FD = -7
06/28/09	20:10	NA	-4	Negative air flow	19	N/A	FD = -3
06/28/09	20:38	NA	-3	Negative air flow	18	N/A	FD = -2

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
8:10	20:38	748.0	6	8.02	Negative air flow	NA	-3	18	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/28/09	20:38	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-260

General Notes

Size: 5Field duplicate sample FD062809-01 was collected at this location
The regulator used = FC-17 and the canister serial number used = 3221
The canister model number = 24182-650 and the clean check date was 06/15/09
The sample was collected from the eastern gate security office building window ledge on the south eastern side of the office at approximately 5-feet in height 21-feet from the south western corner of the building and 6-feet from the south eastern corner of the building.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA65IA001**
Location ID: CA65
QC Duplicate ID: FD062809-02

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Indoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-25
Sample Canister	Yes	Sample Canister Serial Number	3749
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	06/15/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/28/09	8:05	NA	-30	Negative air flow	21	N/A	FD = -30
06/28/09	10:05	NA	-26	Negative air flow	19	N/A	FD = -26.5
06/28/09	12:06	NA	-21	Negative air flow	18	N/A	FD = -22
06/28/09	14:05	NA	-16	Negative air flow	18	N/A	FD = -17
06/28/09	16:05	NA	-11	Negative air flow	18	N/A	FD = -12.5
06/28/09	18:05	NA	-7	Negative air flow	18	N/A	FD = -8
06/28/09	20:05	NA	2.5	Negative air flow	18	N/A	FD = -4
06/28/09	20:16	NA	-2	Negative air flow	18	N/A	FD = -3.5

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
8:05	20:16	731.0	6	8.21	Negative air flow	NA	-2	18	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/28/09	20:16	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-260

General Notes

Size: 5Field duplicate sample FD062809-02 was collected at this location
The regulator used at this location = FC-27 and the canister SN = 3189
The canister model number = 24182-650 and the clean check date was 06/17/09
The sample was collected from the east gate security office building from the counter top adjacent to work space at approximately 5 feet in height by the front door of the office 6-feet and 4-inches from the front wall and 8-feet from the western wall.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **CA65SG001**
Location ID: CA65
QC Duplicate ID: FD062809-03

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.7	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3271
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	06/15/09

Leak Test

Leak Test Start Date	06/28/2009	Leak Test Start Time	20:57
Leak Test End Date	06/28/2009	Leak Test End Time	21:02
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/28/09	21:05	NA	-28	Negative air flow	18	N/A	FD = -29
06/28/09	21:24	NA	-23	Negative air flow	18	N/A	FD = -30 valve/gauge malfuction
06/28/09	21:34	NA	-21	Negative air flow	19	N/A	FD = -26
06/28/09	21:44	NA	-15	Negative air flow	19	N/A	FD -22
06/28/09	21:54	NA	-11	Negative air flow	19	N/A	FD = -18
06/28/09	22:04	NA	-6	Negative air flow	18	N/A	FD = -13
06/28/09	22:14	NA	-3	Negative air flow	18	N/A	FD = -9
06/28/09	22:18	NA	-2	Negative air flow	18	N/A	FD = -7.5

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
21:05	22:18	73.0	6	82.19	Negative air flow	NA	-2	18	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/28/09	22:18	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-260

General Notes

Size: 4Field duplicate sample FD062809-03 was collected at this location
The regulator used = FC-38 and the canister serial number was 3132
The canister model number = 24182-650 and the clean check date was 06/16/09
ASG sample was collected in the closet of the East Gate Pass & ID (Building #468) ~8" from the left side of the door jam and 1' in from the thresh hold. The sample was collected from 2.7 to 3-feet total depth of the boring was 3.5-feet with cave in the boring stayed open to three feet Sample was collected from 2.7 to 3.0-feet.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **EV50SG001**
Location ID: EV50
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3228
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/10/09

Leak Test

Leak Test Start Date	05/12/2009	Leak Test Start Time	09:59
Leak Test End Date	05/12/2009	Leak Test End Time	10:04
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	275

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
05/12/09	10:08	NA	-30	Negative air flow	17	N/A	None
05/12/09	10:19	NA	-24	Negative air flow	17	N/A	None
05/12/09	10:30	NA	-21	Negative air flow	17	N/A	None
05/12/09	10:42	NA	-16	Negative air flow	17	N/A	None
05/12/09	10:49	NA	-13	Negative air flow	17	N/A	None
05/12/09	11:03	NA	-7	Negative air flow	18	N/A	None
05/12/09	11:12	NA	-4	Negative air flow	19	N/A	None
05/12/09	11:18	NA	-2	Negative air flow	19	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:08	11:18	70.0	6	85.71	Negative air flow	NA	-2	19	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/12/09	11:18	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-220

General Notes

Size: 1The sample was collected from the backyard of Unit D3 with the approval of the land lords representative after checking the garage and inside the house for an appropriate place without tile flooring. The sample was collected from off of the slab in the center of the patio behind the house. Personnel indicated that TUFO would be encountered within 40cm so the 4 foot drill bit was used to make a socket. Upon getting to four feet it was found that if it was TUFO it was weathered and could be driven through. The probe rods were driven to a total depth of 6.5 feet with the sample port holes ranged between 6.4 and 6.5 feet.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **EV51SG001**
Location ID: EV51
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	4.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3186
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/07/09

Leak Test

Leak Test Start Date	05/20/2009	Leak Test Start Time	14:57
Leak Test End Date	05/20/2009	Leak Test End Time	15:02
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	550

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
05/20/09	15:04	NA	-30	Negative air flow	27	N/A	None
05/20/09	15:14	NA	-26	Negative air flow	26	N/A	None
05/20/09	15:24	NA	-22	Negative air flow	25	N/A	None
05/20/09	15:34	NA	-18	Negative air flow	25	N/A	None
05/20/09	15:44	NA	-14	Negative air flow	25	N/A	None
05/20/09	15:54	NA	-9	Negative air flow	25	N/A	None
05/20/09	16:04	NA	-6	Negative air flow	25	N/A	None
05/20/09	16:14	NA	-2	Negative air flow	25	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:04	16:14	70.0	6	85.71	Negative air flow	NA	-2	25	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/20/09	16:14	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-231

General Notes

Size: 1The sample was collected in the same place as the passive soil gas sample was collected during the Phase I sampling effort. The only difference was that probe rod had to be driven to a depth of 3.5 to 4-feet rather than 1 foot 6 inches.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **EV52SG001**
Location ID: EV52
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso,Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	3.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	3.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3221
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/15/09

Leak Test

Leak Test Start Date	05/26/2009	Leak Test Start Time	09:22
Leak Test End Date	05/26/2009	Leak Test End Time	9:27
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	2400

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
05/26/09	9:28	NA	-30	Negative air flow	28	N/A	None
05/26/09	9:38	NA	-26.5	Negative air flow	28	N/A	None
05/26/09	9:48	NA	-22	Negative air flow	28	N/A	None
05/26/09	9:58	NA	-18	Negative air flow	28	N/A	None
05/26/09	10:08	NA	-14	Negative air flow	28	N/A	None
05/26/09	10:18	NA	-10	Negative air flow	28	N/A	None
05/26/09	10:31	NA	-5	Negative air flow	28	N/A	None
05/26/09	10:41	NA	-2	Negative air flow	28	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:28	10:41	73.0	6	82.19	Negative air flow	NA	-2	28	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/26/09	10:41	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-234

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **FQ07SG001-NS**
Location ID: FQ07
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 1Property visited on 12/17/08. The front had only planters with fruit trees and the rest of the area was covered courtyard. The back has no yard. Not sampled for soil gas or soil.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **LE50SG001**
Location ID: LE50
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3177
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/14/09

Leak Test

Leak Test Start Date	05/11/2009	Leak Test Start Time	10:56
Leak Test End Date	05/11/2009	Leak Test End Time	11:02
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
05/11/09	11:04	NA	-30	Negative air flow	16	N/A	None
05/11/09	11:18	NA	-25	Negative air flow	17	N/A	None
05/11/09	11:25	NA	-21	Negative air flow	17	N/A	None
05/11/09	11:35	NA	-17	Negative air flow	17	N/A	None
05/11/09	11:45	NA	-13	Negative air flow	17	N/A	None
05/11/09	11:55	NA	-9	Negative air flow	17	N/A	None
05/11/09	12:05	NA	-5	Negative air flow	17	N/A	None
05/11/09	12:15	NA	-2	Negative air flow	17	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:04	12:15	71.0	6	84.51	Negative air flow	NA	-2	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/11/09	12:15	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-218

General Notes

Size: 2The sample was collected from the garage floor located approximately 1 foot below surface grade from under Unit No.11 as a sub slab. The previously identified sample location was Unit No. 03 and was a passive soil gas sample location. The landlord approved of this new location under Unit 11. A new number was assigned to this location as LE50SG001. The sample was collected from sub slab at 1.3 probe depth and total depth of 1.5 feet.
Original coordinate data (incorrect) logged as Lat=41.07549 and Lon=14.24042. Data corrected on 9/9/09 to represent actual location via digitize coordinates.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **LE51AA001**
Location ID: LE51
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3216
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/28/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/15/09	12:49	NA	-30	Negative air flow	28	N/A	None
06/15/09	13:01	NA	-26	Negative air flow	28	N/A	None
06/15/09	13:10	NA	-22	Negative air flow	28	N/A	None
06/15/09	13:20	NA	-18	Negative air flow	28	N/A	None
06/15/09	13:31	NA	-13	Negative air flow	28	N/A	None
06/15/09	13:42	NA	-9	Negative air flow	28	N/A	None
06/15/09	13:49	NA	-5	Negative air flow	28	N/A	None
06/15/09	13:58	NA	-2	Negative air flow	28	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
12:49	13:58	69.0	6	86.96	Negative air flow	NA	-2	28	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/15/09	13:58	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-250

General Notes

Size: 2No probe needed to collect Ambient Air sample.
The sample was collected from up gradient of the sub-slab from inside the air cage to make sure there was no tampering with the sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **LE51SG001**
Location ID: LE51
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.8	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-38
Sample Canister	Yes	Sample Canister Serial Number	3129
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/28/09

Leak Test

Leak Test Start Date	06/15/2009	Leak Test Start Time	12:35
Leak Test End Date	06/15/2009	Leak Test End Time	12:41
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/15/09	12:49	NA	-30	Negative air flow	20	N/A	None
06/15/09	13:01	NA	-26	Negative air flow	20	N/A	None
06/15/09	13:10	NA	-22	Negative air flow	20	N/A	None
06/15/09	13:20	NA	-18	Negative air flow	20	N/A	None
06/15/09	13:31	NA	-13	Negative air flow	20	N/A	None
06/15/09	13:42	NA	-9	Negative air flow	20	N/A	None
06/15/09	13:49	NA	-5	Negative air flow	20	N/A	None
06/15/09	13:58	NA	-2	Negative air flow	20	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
12:49	13:58	69.0	6	86.96	Negative air flow	NA	-2	20	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/15/09	13:58	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-250

General Notes

Size: 1The sample was a sub-slab sample which was collected from 0.8 to 1.0 foot. The concrete slab was 0.5 feet thick. Gravel and soil were encountered below that. The intake was set at 0.8 feet due to gravel cave in.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU50SG001**
Location ID: SU50
QC Duplicate ID: N/A

Lead Sampler: Katie Conrad
Additional Sampler(s) Patrick Leonard,Chuck Conrad,Mike Jaynes
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.6	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC21
Sample Canister	Yes	Sample Canister Serial Number	3129-24182-650
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/05/08

Leak Test

Leak Test Start Date	12/05/2008	Leak Test Start Time	11:07
Leak Test End Date	12/05/2008	Leak Test End Time	11:11
Leak Test Duration (min)	4	Leak Test Volume (L)	.8
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
12/05/08	11:17	NA	-30	N/A	17	N/A	Start sampling
12/05/08	11:27	NA	-25	N/A	17	N/A	None
12/05/08	11:37	NA	-20	N/A	17	N/A	None
12/05/08	11:47	NA	-16	N/A	17	N/A	None
12/05/08	11:57	NA	-11	N/A	16	N/A	None
12/05/08	12:07	NA	-7	N/A	16	N/A	None
12/05/08	12:17	NA	-3	N/A	16	N/A	None
12/05/08	12:19	NA	-2	Negative air flow	16	N/A	End of sampling interval

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:17	12:19	62.0	6	96.77	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/05/08	12:19	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-1

General Notes

Size: 4Support Site apartment Building #2052.
4 minutes of leak test with 0.8L total purge volume w/ND for Helium.
62 minutes of total sampling time.
Calculated flow rate of 96.8 mL/min (6000 mL canister/62 min).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU51SG001**
Location ID: SU51
QC Duplicate ID: N/A

Lead Sampler: Katie Conrad
Additional Sampler(s) Patrick Leonard,Chuck Conrad,Mike Jaynes
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.6	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC21
Sample Canister	Yes	Sample Canister Serial Number	SN2600
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	10/15/08

Leak Test

Leak Test Start Date	12/05/2008	Leak Test Start Time	13:57
Leak Test End Date	12/05/2008	Leak Test End Time	14:00
Leak Test Duration (min)	3	Leak Test Volume (L)	.6
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
12/05/08	14:05	NA	-29	N/A	16	N/A	Start sample purge
12/05/08	14:15	NA	-25	N/A	16	N/A	None
12/05/08	14:25	NA	-20	N/A	16	N/A	None
12/05/08	14:35	NA	-16	N/A	16	N/A	None
12/05/08	14:45	NA	-12	N/A	16	N/A	None
12/05/08	14:55	NA	-7	N/A	16	N/A	None
12/05/08	15:05	NA	-3	N/A	16	N/A	None
12/05/08	15:08	NA	-2	Negative air flow	16	N/A	End of sample purge

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:05	15:08	63.0	6	95.24	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/05/08	15:08	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-1

General Notes

Size: 313:57 to 14:00 leak test with ND for Helium
14:05 to 15:08 sample time
Sub-slab sample type

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU52SG001**
Location ID: SU52
QC Duplicate ID: N/A

Lead Sampler: Katie Conrad
Additional Sampler(s) Patrick Leonard,Chuck Conrad,Mike Jaynes
MS/MSD: N/A

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	0.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.4	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC21
Sample Canister	Yes	Sample Canister Serial Number	SN3757
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	11/11/08

Leak Test

Leak Test Start Date	12/06/2008	Leak Test Start Time	10:35
Leak Test End Date	12/06/2008	Leak Test End Time	10:40
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	375

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
12/06/08	10:45	NA	-29	N/A	16	N/A	Start of sample purge
12/06/08	10:55	NA	-25	N/A	16	N/A	None
12/06/08	11:05	NA	-20	N/A	16	N/A	None
12/06/08	11:15	NA	-16	N/A	16	N/A	None
12/06/08	11:25	NA	-11	N/A	16	N/A	None
12/06/08	11:35	NA	-7	N/A	16	N/A	None
12/06/08	11:45	NA	-3	N/A	16	N/A	None
12/06/08	11:47	NA	-2	Negative air flow	16	N/A	End of sample purge

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:45	11:47	62.0	6	96.77	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/06/08	11:47	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-1

General Notes

Size: 2Building #2072B between the Minimart and Chapel. Location outside in the Roman tile walkway pavement.
Calculated flow rate is 96.8 mL/min (6L over 62 min).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU52SG002**
Location ID: SU52
QC Duplicate ID: FDSG022109-01

Lead Sampler: Chuck Conrad
Additional Sampler(s) Mike Jaynes,Chuck Meyer
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	1	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3059
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	02/21/2009	Leak Test Start Time	09:23
Leak Test End Date	02/21/2009	Leak Test End Time	9:28
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/21/09	9:30	NA	-29.8	Negative air flow	5	N/A	FD = -30
02/21/09	9:42	NA	-25.5	Negative air flow	5	N/A	FD = -26
02/21/09	9:51	NA	-22	Negative air flow	3	N/A	FD = -22.5
02/21/09	10:00	NA	-17	Negative air flow	5	N/A	FD = -18
02/21/09	10:11	NA	-12.5	Negative air flow	4	N/A	FD = -13
02/21/09	10:23	NA	-7	Negative air flow	4.5	N/A	FD =-7.8
02/21/09	10:31	NA	-4.5	Negative air flow	4	N/A	FD = -5
02/21/09	10:38	NA	-2	Negative air flow	4	N/A	FD = -2.5

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:30	10:38	68.0	6	88.24	Negative air flow	NA	-2	4	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/21/09	10:38	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-91

General Notes

Size: 4Sample duped. Gauge and Summa information as follows:
-
Gauge: FC22 and Summa serial # = 3175
Summa model # = 24182-650 and Summa leak check date was Feb 4 2009

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU52SG003**
Location ID: SU52
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Mike Jaynes,Chuck Meyer
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.0	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.1	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3123
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/02/09

Leak Test

Leak Test Start Date	02/21/2009	Leak Test Start Time	11:45
Leak Test End Date	02/21/2009	Leak Test End Time	11:49
Leak Test Duration (min)	4	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	2400

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/21/09	11:51	NA	-30	Negative air flow	6.5	N/A	None
02/21/09	12:00	NA	-26.5	Negative air flow	6.5	N/A	None
02/21/09	12:13	NA	-21	Negative air flow	7	N/A	None
02/21/09	12:22	NA	-17	Negative air flow	7	N/A	None
02/21/09	12:33	NA	-12	Negative air flow	7	N/A	None
02/21/09	12:43	NA	-8	Negative air flow	8	N/A	None
02/21/09	12:52	NA	-5	Negative air flow	8	N/A	None
02/21/09	12:59	NA	-2	Negative air flow	8	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:51	12:59	68.0	6	88.24	Negative air flow	NA	-2	8	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/21/09	12:59	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-91

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU53SG001**
Location ID: SU53
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) Roberta Durante,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3199
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	03/13/2009	Leak Test Start Time	15:30
Leak Test End Date	03/13/2009	Leak Test End Time	15:38
Leak Test Duration (min)	8	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	125.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/13/09	15:39	NA	-30	Negative air flow	14	N/A	None
03/13/09	15:52	NA	-25	Negative air flow	14	N/A	None
03/13/09	16:02	NA	-21	Negative air flow	15	N/A	None
03/13/09	16:12	NA	-17	Negative air flow	15	N/A	None
03/13/09	16:22	NA	-13	Negative air flow	14	N/A	None
03/13/09	16:33	NA	-8	Negative air flow	14	N/A	None
03/13/09	16:50	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:39	16:50	71.0	6	84.51	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/13/09	16:50	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-129

General Notes

Size: 3Initial note (3/11/09) - Sample location is in a utility mechanical closet in the Child Development Center (CDC--Bldg 2065). The CDC is a single-story bldg. Utility clearance was done in conjunction with Pepe Angellilo of Mirabella at the Support Site. Utilities present are gas and water lines. During clearance Pepe Angellilo decided not to sign utility clearance forum based on the advice of his supervisor. At this point no sampling will take place until Public Works (PW) and Mirabella come to some form of consensus. Tt went and scouted out rest of sampling locations.
Additional notes (3/13/09) - Received clearance to conduct sampling at previously cleared location in the CDC utility room. Sample was collected at previously marked spot after rechecking with Magnetometer - drilled to a depth of 1.8 ft.
Field GPS = 40.99116N and 14.24574E via TomTom.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU54SG001**
Location ID: SU54
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3140
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/04/09

Leak Test

Leak Test Start Date	03/16/2009	Leak Test Start Time	15:41
Leak Test End Date	03/16/2009	Leak Test End Time	15:47
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/16/09	15:49	NA	-30	Negative air flow	18	N/A	None
03/16/09	15:59	NA	-26	Negative air flow	18	N/A	None
03/16/09	16:10	NA	-22	Negative air flow	17	N/A	None
03/16/09	16:20	NA	-18	Negative air flow	17	N/A	None
03/16/09	16:35	NA	-12	Negative air flow	17	N/A	None
03/16/09	16:49	NA	-6	Negative air flow	17	N/A	None
03/16/09	17:00	NA	-2	Negative air flow	17	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:49	17:00	71.0	6	84.51	Negative air flow	NA	-2	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/16/09	17:00	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-133

General Notes

Size: 3Sample location is a utility storage closet in the Foyer area at the front of the Elementary School (Bldg 2057). The Elem. School is a single-story bldg. Utility clearance was done in conjunction with Mirabella at the Support Site.
Met with Sammy ??? and school principal to get clearance to conduct sampling at previously designated location in the utility room. Sample was collected very close to (within 3 inches) previously marked spot after rechecking with Magnetometer drilled to a depth of 1.5 ft.
Field GPS = 40.98968N and 14.24519E via Garmin - Reading taken at front door of Elementary School.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU55SG001**
Location ID: SU55
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3209
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	03/13/2009	Leak Test Start Time	15:22
Leak Test End Date	03/13/2009	Leak Test End Time	15:32
Leak Test Duration (min)	10	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
03/13/09	15:36	NA	-30	Negative air flow	19	N/A	START SAMPLE
03/13/09	15:46	NA	-26	Negative air flow	19	N/A	None
03/13/09	16:13	NA	-15	Negative air flow	18	N/A	None
03/13/09	16:29	NA	-8	Negative air flow	18	N/A	None
03/13/09	16:44	NA	-2	Negative air flow	18	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
15:36	16:44	68.0	6	88.24	Negative air flow	NA	-2	18	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/13/09	16:45	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-129

General Notes

Size: 2Sample location is in the mechanical/boiler room of the Support Site Fire Station (Bldg 2171). Fire station is a single story stand alone building. The mechanical room contains a central air condition unit and water heater/treatment system. Sample team in conjunction with Public Works representatives (Ensign Bronson and Ciro) and Mirabelle's utility line drawings Tt drilled two holes in floor. With the initial hole resistance was encountered at 1.5 ft. Metal shavings were observed on drill bit. Sample team offset by three feet and drilled a new hole. Sample team drilled through approx. 2.5 ft of concrete and encountered a gravel layer. This location was sampled as a sub-slab.
Field GPS = 40.99162N and 14.25004E via TomTom.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU56SG001**
Location ID: SU56
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC23
Sample Canister	Yes	Sample Canister Serial Number	3764
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/06/09

Leak Test

Leak Test Start Date	03/16/2009	Leak Test Start Time	10:15
Leak Test End Date	03/16/2009	Leak Test End Time	10:20
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/16/09	10:23	NA	-30	Negative air flow	15	N/A	START SAMPLE
03/16/09	10:37	NA	-25	Negative air flow	15	N/A	None
03/16/09	10:47	NA	-20	Negative air flow	15	N/A	None
03/16/09	11:05	NA	-12	Negative air flow	15	N/A	None
03/16/09	11:20	NA	-6	Negative air flow	15	N/A	None
03/16/09	11:36	NA	-2	Negative air flow	15	N/A	END SAMPLE

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:23	11:36	73.0	6	82.19	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/16/09	11:36	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-129

General Notes

Size: 2Sample location is Bldg 2146-an apartment bldg-at the Gricignano Support site. Sample team set up in the underground basement. According to Mirabelle and PW there are no utility lines that run through the basement floor which was confirmed visually by Samplers. Sample Team cleared for reinforcement rebar in the ground using a magnetometer. Two holes were drilled into foundation. The first hole never seemed to punch through the cement layer (approx 4 ft deep) which may be indicative of possible further reinforcement beneath floor surface. Second hole was off-set from center area of room and sample team drilled down to 4 feet through concrete and fill material. Due to uncertainty of depth of fill material and difficulty of pushing Teflon tubing down the hole far enough the Sample Team set up for a sub-slab sampling but used 6' of stainless steel soil vapor probe to insure inlet is beneath bottom of foundation.
Field GPS = 40.99271N and 14.24883E via TomTom.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU57SG001**
Location ID: SU57
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso,James Goerdt
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.66	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.75	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3198
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/04/09

Leak Test

Leak Test Start Date	03/16/2009	Leak Test Start Time	12:35
Leak Test End Date	03/16/2009	Leak Test End Time	12:40
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/16/09	12:42	NA	-29	Negative air flow	16	N/A	Start Sample
03/16/09	12:53	NA	-25	Negative air flow	17	N/A	None
03/16/09	13:10	NA	-18	Negative air flow	17	N/A	None
03/16/09	13:21	NA	-13	Negative air flow	17	N/A	None
03/16/09	13:35	NA	-7	Negative air flow	17	N/A	None
03/16/09	13:48	NA	-2	Negative air flow	17	N/A	END SAMPLE

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
12:42	13:48	66.0	6	90.91	Negative air flow	NA	-2	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/16/09	13:48	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-133

General Notes

Size: 2Sample location is a residential apartment building (Bldg 2106) at the Gricignano Support Site. This is an alternative location. The original location-Bldg 2102-had limited access and confined space issues. Sampling took place in the basement of Bldg 2106. Sample team drilled through 8 in. of concrete--probed with the tile probe to determine if there was another deeper concrete layer and set up for a sub-slab using Teflon tubing. Field GPS = 40.99345N and 14.24707E via TomTom.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU58SG001**
Location ID: SU58
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s): John Wright,Robert Simcik,Andrea Gnoffo,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.1	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.3	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3767
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/18/09

Leak Test

Leak Test Start Date	04/02/2009	Leak Test Start Time	15:08
Leak Test End Date	04/02/2009	Leak Test End Time	15:14
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/02/09	15:16	NA	-30	Negative air flow	15	N/A	None
04/02/09	15:27	NA	-26	Negative air flow	15	N/A	None
04/02/09	15:41	NA	-20	Negative air flow	15	N/A	None
04/02/09	15:55	NA	-14	Negative air flow	15	N/A	None
04/02/09	16:06	NA	-9	Negative air flow	15	N/A	None
04/02/09	16:27	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:16	16:27	71.0	6	84.51	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/02/09	16:27	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-170

General Notes

Size: 2Directions to sample location from main entrance: Enter building through main door. Precede straight back to end of hall to green metal gate on the right. Take stairs down to basement floor. Take the first left then the first right. Sample location is approximately 8 feet on the left. See sketch for exact location.
Field GPS = 40.99189N and 14.24073E via Garmin

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU59SG001**
Location ID: SU59
QC Duplicate ID: N/A

Lead Sampler: William Olson
Additional Sampler(s) Andrea Gnoffo,Roberta Durante,Charlie Warino
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-34
Sample Canister	Yes	Sample Canister Serial Number	3769
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/12/09

Leak Test

Leak Test Start Date	04/02/2009	Leak Test Start Time	14:44
Leak Test End Date	04/02/2009	Leak Test End Time	14:49
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/02/09	14:50	NA	-29	Negative air flow	16	N/A	None
04/02/09	15:13	NA	-21	Negative air flow	16	N/A	None
04/02/09	15:34	NA	-12	Negative air flow	16	N/A	None
04/02/09	15:58	NA	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:50	15:58	68.0	6	88.24	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/02/09	16:00	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-170

General Notes

Size: 1ASG collected sub-slab in basement of building. Area is unfinished and used for storage by residents. Basement area ventilated by grates to outside of building.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU60SG001**
Location ID: SU60
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) Andrea Gnoffo,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-34
Sample Canister	Yes	Sample Canister Serial Number	3231
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/11/09

Leak Test

Leak Test Start Date	04/03/2009	Leak Test Start Time	08:42
Leak Test End Date	04/03/2009	Leak Test End Time	8:47
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/03/09	8:48	NA	-29	Negative air flow	15	N/A	None
04/03/09	9:00	NA	-24	Negative air flow	15	N/A	None
04/03/09	9:17	NA	-17	Negative air flow	15	N/A	None
04/03/09	9:35	NA	-10	Negative air flow	16	N/A	None
04/03/09	9:56	NA	-2	Negative air flow	16	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
8:48	9:56	68.0	6	88.24	Negative air flow	NA	-2	16	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/03/09	10:09	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-170

General Notes

Size: 2Sample is sub-slab in garage of villa adjacent to common wall with living quarters. Garage used for storage and workshop. Tile floor over concrete slab. Drilled through approximately 1 foot of concrete before hitting what felt like gravel layer. Reamed hole another 6 inches before breaking through into underlying soil.
Field GPS = 40.99509N and 14.25055E via Garmin.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU61SG001**
Location ID: SU61
QC Duplicate ID: N/A

Lead Sampler: William Olson
Additional Sampler(s) Simona Campobasso,Andrea Gnoffo,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3197
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/30/09

Leak Test

Leak Test Start Date	04/14/2009	Leak Test Start Time	09:34
Leak Test End Date	04/14/2009	Leak Test End Time	9:40
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/14/09	9:56	NA	-29	Negative air flow	13.5	N/A	None
04/14/09	10:07	NA	-25	Negative air flow	15	N/A	None
04/14/09	10:29	NA	-15	Negative air flow	15	N/A	None
04/14/09	11:02	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:56	11:02	66.0	6	90.91	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/14/09	11:02	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-185

General Notes

Size: 2Sample is sub-slab in garage adjacent to living space. Cuttings from below slab were wet/saturated. House is single family one-story no basement.
Field GPS = 40.99378N and 14.24968E via TomTom.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU62SG001**
Location ID: SU62
QC Duplicate ID: N/A

Lead Sampler: Charlie Warino
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	2600
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/18/09

Leak Test

Leak Test Start Date	04/03/2009	Leak Test Start Time	14:20
Leak Test End Date	04/03/2009	Leak Test End Time	14:28
Leak Test Duration (min)	8	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	125.00	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/03/09	14:29	NA	-30	Negative air flow	15	N/A	None
04/03/09	14:47	NA	-23	Negative air flow	15	N/A	None
04/03/09	15:06	NA	-15	Negative air flow	15	N/A	None
04/03/09	15:25	NA	-7	Negative air flow	15	N/A	None
04/03/09	15:39	NA	-2	Negative air flow	15	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:29	15:39	70.0	6	85.71	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/03/09	15:39	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-174

General Notes

Size: 2ASG sub slab sample SU62SG001 collected in basement of building. Sample access through grate near NW corner of building. Some of the rooms in the basement do not appear to have a concrete floor between the footers for the walls.
Field GPS = 40.99528N and 14.24886E via Garmin.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU63AA001**
Location ID: SU63
QC Duplicate ID: FD061809-01

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-17
Sample Canister	Yes	Sample Canister Serial Number	3064
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/08/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/18/09	8:36	NA	-30	Negative air flow	30	N/A	FD = -30
06/18/09	10:30	NA	-26	Negative air flow	35	N/A	FD = -28
06/18/09	12:30	NA	-22	Negative air flow	35	N/A	FD = -23.5
06/18/09	14:30	NA	-17.5	Negative air flow	34	N/A	FD = -19
06/18/09	16:30	NA	13	Negative air flow	34	N/A	FD = -14.5
06/18/09	18:30	NA	-9	Negative air flow	32	N/A	FD = - 10.5.
06/18/09	20:31	NA	-4	Negative air flow	25	N/A	FD = -6
06/18/09	21:30	NA	-2	Negative air flow	25	N/A	FD = -3.5

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
8:36	21:30	774.0	6	7.75	Negative air flow	NA	-2	25	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/18/09	21:30	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-255

General Notes

Size: 5No probe needed to collect Ambient Air sample.
Field Duplicate FD06180901 was collected from this location. The location was from the fence outside the gym adjacent to the weight room at approximately 6 feet.
The regulator number = FC-25 and the canister number = 3141
The canister serial number = 24182-650 and the clean & check date was 06/03/09
Both of the regulators were calibrated for a 12 hour run time.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU63SG001**
Location ID: SU63
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) Roberta Durante,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3171
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/05/09

Leak Test

Leak Test Start Date	04/06/2009	Leak Test Start Time	14:33
Leak Test End Date	04/06/2009	Leak Test End Time	14:37
Leak Test Duration (min)	4	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/06/09	14:39	NA	-30	Negative air flow	21	N/A	None
04/06/09	14:54	NA	-24	Negative air flow	21	N/A	None
04/06/09	15:04	NA	-20	Negative air flow	21	N/A	None
04/06/09	15:14	NA	-16	Negative air flow	20	N/A	None
04/06/09	15:30	NA	-10	Negative air flow	20	N/A	None
04/06/09	15:40	NA	-6	Negative air flow	20	N/A	None
04/06/09	15:50	NA	-2	Negative air flow	20	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:39	15:50	71.0	6	84.51	Negative air flow	NA	-2	20	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/06/09	15:50	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-177

General Notes

Size: 2Field GPS = 40.99160N and 14.24643E via Garmin.
Sample collected in the weight room off the gymnasium. Sample location within the weight room is along the left wall just as you enter the weight room.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU63SG002**
Location ID: SU63
QC Duplicate ID: FD061809-03

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3239
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/08/09

Leak Test

Leak Test Start Date	06/18/2009	Leak Test Start Time	22:16
Leak Test End Date	06/18/2009	Leak Test End Time	22:21
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/18/09	22:22	NA	-30	Negative air flow	25	N/A	FD = -30
06/18/09	22:32	NA	-26.5	Negative air flow	25	N/A	FD = -26.5
06/18/09	22:42	NA	-22	Negative air flow	25	N/A	FD = -22
06/18/09	22:52	NA	-18	Negative air flow	23	N/A	FD = -18
06/18/09	23:02	NA	-13	Negative air flow	23	N/A	FD = -13.5
06/18/09	23:12	NA	-9	Negative air flow	23	N/A	FD = -9
06/18/09	23:22	NA	-6	Negative air flow	23	N/A	FD = -5.5
06/18/09	23:32	NA	-2	Negative air flow	23	N/A	FD = -1.5

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
22:22	23:32	70.0	6	85.71	Negative air flow	NA	-2	23	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/18/09	23:32	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-255

General Notes

Size: 4Field duplicate FD06180903 was collected from this location. The sample was collected in the same location as SU63SG001 in the weight room as a sub-slab sample.
The regulator number = FC-38 and the canister SN = 3261
The canister model number = 24182-650 and the check date was 05/07/09.
Both regulators were calibrated to a 1 hour run time.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU63IA001**
Location ID: SU63
QC Duplicate ID: FD061809-02

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Indoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-15
Sample Canister	Yes	Sample Canister Serial Number	3193
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/08/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
06/18/09	8:29	NA	-29	Negative air flow	24.5	N/A	FD = -29
06/18/09	10:36	NA	-25	Negative air flow	24	N/A	FD = 0.0 pressure. Regulator read calibrated for 12 hours but was actualy calibarated to 1 Hour.
06/18/09	11:20	NA	-23.5	Negative air flow	24	N/A	A new canister and valve were brought in to continue the FD sampling Canister Number 3208 Valve Number FC-39
06/18/09	13:20	NA	-19	Negative air flow	23	N/A	The duplicate sample was continued on a second log
06/18/09	15:20	NA	-15	Negative air flow	22.5	N/A	None
06/18/09	17:20	NA	-10	Negative air flow	23	N/A	None
06/18/09	19:20	NA	-6	Negative air flow	22	N/A	None
06/18/09	20:36	NA	-2	Negative air flow	22	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
8:29	20:36	727.0	6	8.25	Negative air flow	NA	-2	22	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/18/09	20:36	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-255

General Notes

Size: 6No probe needed to collect Ambient Air sample.
Field duplicate sample FD06180901 was collected from this location. The sample was collected from the indoor air inside the weight room at approximately 4 feet above ground level.
The regulator number = FC-15 and the canister number = 3193
The canister model number = 24182-650 and the check date was 05/08/09
Both regulators were calibrated to a 12 hour run time.
A problem occurred with regulator FC-19 canister number 3174 at the first reading the canister was found to be empty. The laboratory had indicated on it's paperwork that FC-19 had been calibrated to 12 hours. It appears that the regulator was actually calibrated to 1 hour. It was decided to switch the duplicate with the routine sample and replace the canister and regulator for the duplicate with regulator number FC-39 and canister number 3208 and continue the test. The new readings were begun for regulator FC-39 canister number 3208 at 11:20 and were ended at 20:36.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU64SG001**
Location ID: SU64
QC Duplicate ID: N/A

Lead Sampler: Charlie Warino
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	N/A
Sample Canister	Yes	Sample Canister Serial Number	N/A
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	04/06/2009	Leak Test Start Time	14:25
Leak Test End Date	04/06/2009	Leak Test End Time	14:29
Leak Test Duration (min)	4	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/06/09	14:33	NA	-30	Negative air flow	22	N/A	None
04/06/09	14:53	NA	-22	Negative air flow	19	N/A	None
04/06/09	15:15	NA	-13	Negative air flow	19	N/A	None
04/06/09	15:34	NA	-6	Negative air flow	20	N/A	None
04/06/09	15:43	NA	-2	Negative air flow	20	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:33	15:43	70.0	6	85.71	Negative air flow	NA	-2	20	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/06/09	15:43	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-177

General Notes

Size: 2ASG sub slab sample collected in closet to the right of the stairwell as you enter the High School lobby.
Field GPS = 40.99035N and 14.24517E via Garmin.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU65SG001**
Location ID: SU65
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) Roberta Durante,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.4	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.6	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3220
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/11/09

Leak Test

Leak Test Start Date	04/06/2009	Leak Test Start Time	10:10
Leak Test End Date	04/06/2009	Leak Test End Time	10:15
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/06/09	10:15	NA	-29	Negative air flow	21	N/A	None
04/06/09	10:35	NA	-21	Negative air flow	21	N/A	None
04/06/09	10:47	NA	-16	Negative air flow	21	N/A	None
04/06/09	10:57	NA	-12	Negative air flow	21	N/A	None
04/06/09	11:07	NA	-8	Negative air flow	21	N/A	None
04/06/09	11:21	NA	-2	Negative air flow	NA	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:15	11:21	66.0	6	90.91	Negative air flow	NA	-2	NA	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/06/09	11:21	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-174

General Notes

Size: 1Field GPS = 40.98870N and 14.24512E via Garmin.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU66SG001**
Location ID: SU66
QC Duplicate ID: N/A

Lead Sampler: James Goerdt
Additional Sampler(s) Roberta Durante,William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.55	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.75	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3192
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/11/09

Leak Test

Leak Test Start Date	04/03/2009	Leak Test Start Time	14:30
Leak Test End Date	04/03/2009	Leak Test End Time	14:35
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/03/09	14:35	NA	-30	Negative air flow	21	N/A	None
04/03/09	14:52	NA	-24	Negative air flow	20	N/A	None
04/03/09	15:01	NA	-20	Negative air flow	19	N/A	None
04/03/09	15:13	NA	-15	Negative air flow	20	N/A	None
04/03/09	15:26	NA	-10	Negative air flow	20	N/A	None
04/03/09	15:42	NA	-3	Negative air flow	20	N/A	None
04/03/09	15:46	NA	-2	Negative air flow	20	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:35	15:46	71.0	6	84.51	Negative air flow	NA	-2	20	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/03/09	15:46	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-174

General Notes

Size: 2ASG sample is sub-slab...collected in entry hall below stair case. Area is open used for storing strollers and bicycles. Floor is marble.
Field GPS = 40.99501N and 14.24404E via Garmin.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU67SG001**
Location ID: SU67
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-34
Sample Canister	Yes	Sample Canister Serial Number	3767
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/07/09

Leak Test

Leak Test Start Date	06/18/2009	Leak Test Start Time	21:59
Leak Test End Date	06/18/2009	Leak Test End Time	22:04
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/18/09	22:05	NA	-29	Negative air flow	24	N/A	None
06/18/09	22:17	NA	-25	Negative air flow	23	N/A	None
06/18/09	22:27	NA	-20.5	Negative air flow	23	N/A	None
06/18/09	22:41	NA	-15	Negative air flow	23	N/A	None
06/18/09	22:51	NA	-11	Negative air flow	23	N/A	None
06/18/09	23:01	NA	-6	Negative air flow	23	N/A	None
06/18/09	23:11	NA	-3	Negative air flow	23	N/A	None
06/18/09	23:14	NA	-2	Negative air flow	23	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
22:05	23:14	69.0	6	86.96	Negative air flow	NA	-2	23	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/18/09	23:14	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-255

General Notes

Size: 1The sample was collected from the coachs office adjacent to the weight room as a sub-slab sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **SU68SG001**
Location ID: SU68
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Terry Rojahn
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	4.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	3137
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	05/15/09

Leak Test

Leak Test Start Date	06/18/2009	Leak Test Start Time	21:41
Leak Test End Date	06/18/2009	Leak Test End Time	21:48
Leak Test Duration (min)	7	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	285.71	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/18/09	22:10	NA	-29	Negative air flow	25	N/A	None
06/18/09	22:20	NA	-25	Negative air flow	24	N/A	None
06/18/09	22:30	NA	-20	Negative air flow	24	N/A	None
06/18/09	22:40	NA	-16	Negative air flow	24	N/A	None
06/18/09	22:50	NA	-12	Negative air flow	24	N/A	None
06/18/09	23:00	NA	-8	Negative air flow	24	N/A	None
06/18/09	23:10	NA	-4.5	Negative air flow	24	N/A	None
06/18/09	23:20	NA	-2	Negative air flow	24	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
22:10	23:20	70.0	6	85.71	Negative air flow	NA	-2	24	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/18/09	23:20	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000090-255

General Notes

Size: 1The sample was collected as a sub-slab from the high school library located three doors down from the weight room and the high school gym.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0185AA001**
Location ID: 0185
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3766
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/03/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/25/09	10:04	NA	-30	Negative air flow	27	N/A	None
07/25/09	10:14	NA	-27	Negative air flow	26	N/A	None
07/25/09	10:24	NA	-22	Negative air flow	26	N/A	None
07/25/09	10:34	NA	-18	Negative air flow	26	N/A	None
07/25/09	10:46	NA	-13	Negative air flow	26	N/A	None
07/25/09	11:01	NA	-7	Negative air flow	26	N/A	None
07/25/09	11:15	NA	-2	Negative air flow	26	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:04	11:15	71.0	6	84.51	Negative air flow	NA	-2	26	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/25/09	11:15	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-25

General Notes

Size: 2Sample collected directly from the valve.
No probe needed to collect Ambient Air sample

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0185SG001**
Location ID: 0185
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Roberta Durante,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	2600
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/02/09

Leak Test

Leak Test Start Date	07/25/2009	Leak Test Start Time	09:59
Leak Test End Date	07/25/2009	Leak Test End Time	10:02
Leak Test Duration (min)	3	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	625

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/25/09	10:04	NA	-29	Negative air flow	25	N/A	None
07/25/09	10:14	NA	-25.5	Negative air flow	25	N/A	None
07/25/09	10:24	NA	-21.5	Negative air flow	25	N/A	None
07/25/09	10:34	NA	-17.5	Negative air flow	25	N/A	None
07/25/09	10:46	NA	-13	Negative air flow	25	N/A	None
07/25/09	11:03	NA	-6	Negative air flow	25	N/A	None
07/25/09	11:13	NA	-2	Negative air flow	25	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:04	11:13	69.0	6	86.96	Negative air flow	NA	-2	25	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/25/09	11:13	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-25

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0225SG001**
Location ID: 0225
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3189
Sample Canister Model Number	SilcoCan - 24182-650	Sample Canister Leak Check Date	03/26/09

Leak Test

Leak Test Start Date	06/08/2009	Leak Test Start Time	15:18
Leak Test End Date	06/08/2009	Leak Test End Time	15:22
Leak Test Duration (min)	4	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	500.00	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/08/09	15:25	NA	-29.5	Negative air flow	20	N/A	None
06/08/09	15:35	NA	-25	Negative air flow	20	N/A	None
06/08/09	15:45	NA	-21	Negative air flow	20	N/A	None
06/08/09	15:55	NA	-17	Negative air flow	20	N/A	None
06/08/09	16:05	NA	-13.5	Negative air flow	20	N/A	None
06/08/09	16:15	NA	-8	Negative air flow	20	N/A	None
06/08/09	16:25	NA	-4.5	Negative air flow	20	N/A	None
06/08/09	16:31	NA	-2	Negative air flow	20	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:25	16:31	66.0	6	90.91	Negative air flow	NA	-2	20	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/08/09	16:31	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-18

General Notes

Size: 2Soil gas collected on same level and adjacent to garage. Garage all tile and no suitable location to drill. Location considered sub-slab. Ambient air also collected at location.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0225AA001**
Location ID: 0225
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) Andrea Gnoffo
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC38
Sample Canister	Yes	Sample Canister Serial Number	3254
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/28/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/08/09	15:25	NA	-30	Negative air flow	23	N/A	None
06/08/09	15:35	NA	-25	Negative air flow	23	N/A	None
06/08/09	15:45	NA	-21	Negative air flow	23	N/A	None
06/08/09	15:55	NA	-17	Negative air flow	23	N/A	None
06/08/09	16:05	NA	-13.5	Negative air flow	23	N/A	None
06/08/09	16:15	NA	-9	Negative air flow	23	N/A	None
06/08/09	16:25	NA	-5	Negative air flow	23	N/A	None
06/08/09	16:33	NA	-2	Negative air flow	23	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:25	16:33	68.0	6	88.24	Negative air flow	NA	-2	23	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/08/09	16:33	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-18

General Notes

Size: 2Ambient air sample taken during soil gas sampling.
No probe needed to collect Ambient Air sample

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0231SG001**
Location ID: 0231
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	4.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	4.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC23
Sample Canister	Yes	Sample Canister Serial Number	3180
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	09/17/08

Leak Test

Leak Test Start Date	01/31/2009	Leak Test Start Time	10:26
Leak Test End Date	01/31/2009	Leak Test End Time	10:31
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
01/31/09	10:35	NA	-29	Negative air flow	9	N/A	start sampling
01/31/09	10:45	NA	-25	Negative air flow	9	N/A	None
01/31/09	10:56	NA	-21	Negative air flow	9	N/A	None
01/31/09	11:10	NA	-14.5	Negative air flow	9	N/A	None
01/31/09	11:32	NA	-6	Negative air flow	9	N/A	None
01/31/09	11:47	NA	-2	Negative air flow	9	N/A	end sampling

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:35	11:47	72.0	6	83.33	Negative air flow	NA	-2	9	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/31/09	11:49	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-1

General Notes

Size: 1A stand-alone villa with 2-stories and a subterranean garage. Sampling took place in the driveway in front of the garage. Driveway cement and scalloped for traction and was approx. 8 inches thick. Sampled as a near-slab using a stainless steel soil-vapor probe driven approx. 4.5-feet into the ground and less than 3-feet from slab-footprint.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0234SG001**
Location ID: 0234
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Roberta Durante,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.8	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.0	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3110
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/06/09

Leak Test

Leak Test Start Date	07/24/2009	Leak Test Start Time	10:00
Leak Test End Date	07/24/2009	Leak Test End Time	10:04
Leak Test Duration (min)	4	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/24/09	10:07	NA	-30	Negative air flow	21	N/A	None
07/24/09	10:17	NA	-27	Negative air flow	22	N/A	None
07/24/09	10:27	NA	-22.5	Negative air flow	23	N/A	None
07/24/09	10:37	NA	-18	Negative air flow	22	N/A	None
07/24/09	10:49	NA	-13	Negative air flow	22	N/A	None
07/24/09	10:59	NA	-9	Negative air flow	22	N/A	None
07/24/09	11:09	NA	-5	Negative air flow	22	N/A	None
07/24/09	11:19	NA	-2	Negative air flow	22	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:07	11:19	72.0	6	83.33	Negative air flow	NA	-2	22	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/24/09	11:19	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-25

General Notes

Size: 1The sample is a sub slab soil gas sample located in a garage basement area directly underneath the living quarters. There was nothing abnormal about the collection of this sample and no anomalies that would affect the integrity of the sample. The ambient air sample was taken in front of the house on a small ledge.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0234AA001**
Location ID: 0234
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Roberta Durante,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	N/A
Sample Canister	Yes	Sample Canister Serial Number	N/A
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/24/09	10:07	NA	-26.5	Negative air flow	29	N/A	None
07/24/09	10:17	NA	-22.5	Negative air flow	28	N/A	None
07/24/09	10:27	NA	-19	Negative air flow	30	N/A	None
07/24/09	10:37	NA	-15	Negative air flow	30	N/A	None
07/24/09	10:49	NA	-10	Negative air flow	30	N/A	None
07/24/09	10:59	NA	-6	Negative air flow	30	N/A	None
07/24/09	11:09	NA	-2	Negative air flow	31	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:07	11:09	62.0	6	96.77	Negative air flow	NA	-2	31	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/24/09	11:09	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-25

General Notes

Size: 1No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0269SG001**
Location ID: 0269
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.7	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.8	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3068
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/10/09

Leak Test

Leak Test Start Date	05/08/2009	Leak Test Start Time	10:58
Leak Test End Date	05/08/2009	Leak Test End Time	11:02
Leak Test Duration (min)	4	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	1750

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
05/08/09	11:04	NA	-30	Negative air flow	17	N/A	None
05/08/09	11:17	NA	-25	Negative air flow	17	N/A	None
05/08/09	11:29	NA	-20	Negative air flow	17	N/A	None
05/08/09	11:37	NA	-15.5	Negative air flow	17	N/A	None
05/08/09	11:48	NA	-12	Negative air flow	17	N/A	None
05/08/09	11:58	NA	-8	Negative air flow	17	N/A	None
05/08/09	12:07	NA	-5	Negative air flow	17	N/A	None
05/08/09	12:15	NA	-2	Negative air flow	17	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
11:04	12:15	71.0	6	84.51	Negative air flow	NA	-2	17	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/08/09	12:15	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-17

General Notes

Size: 1The sample was collected from near slab after looking at the property and finding no area inside the house that was untiled. The sample was collected from around 6.5 to 6.8 feet due to the landlord indicating that the soil had been disturbed to about that depth. He also indicated that there were two layers of concrete one at the surface and one at a meter. The 1.25 meter bit was used and the probe rods were driven to the previously identified depths.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0275SG001**
Location ID: 0275
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	3194
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/11/09

Leak Test

Leak Test Start Date	02/16/2009	Leak Test Start Time	14:58
Leak Test End Date	02/16/2009	Leak Test End Time	15:03
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/16/09	15:09	NA	-30	Negative air flow	11	N/A	Start sampling.
02/16/09	15:20	NA	-25	Negative air flow	11	N/A	None
02/16/09	15:30	NA	-21	Negative air flow	11	N/A	None
02/16/09	15:41	NA	-17	Negative air flow	11	N/A	None
02/16/09	15:50	NA	-8	Negative air flow	11	N/A	None
02/16/09	16:08	NA	-6	Negative air flow	11	N/A	None
02/16/09	16:24	NA	-2	Negative air flow	11	N/A	End sampling.

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
15:09	16:24	75.0	N/A	0.0	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/16/09	16:24	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-5

General Notes

Size: 1Soil-gas sample collected from basement near center. Drilled through about six inches of concrete then into clay and stratified layers of lose unconsolidated rock material.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0276SG002**
Location ID: 0276
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.8	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3202
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/24/09

Leak Test

Leak Test Start Date	06/22/2009	Leak Test Start Time	10:18
Leak Test End Date	06/22/2009	Leak Test End Time	10:24
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/22/09	10:27	NA	-30	Negative air flow	19	N/A	None
06/22/09	10:37	NA	-26	Negative air flow	19	N/A	None
06/22/09	10:48	NA	-22	Negative air flow	19	N/A	None
06/22/09	10:56	NA	-18	Negative air flow	19	N/A	None
06/22/09	11:07	NA	-14	Negative air flow	19	N/A	None
06/22/09	11:17	NA	-9	Negative air flow	19	N/A	None
06/22/09	11:27	NA	-6	Negative air flow	19	N/A	None
06/22/09	11:38	NA	-2	Negative air flow	19	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:27	11:38	71.0	6	84.51	Negative air flow	NA	-2	19	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/22/09	11:38	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-20

General Notes

Size: 1The sample was collected as a sub-slab sample from the tiled garage floor. The concrete pad was 2.5 feet thick and the boring was drilled to three feet. The sample collection tubing was set at 2.8 feet.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0276AA001**
Location ID: 0276
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	1039
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/28/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
06/22/09	10:27	NA	-26	Negative air flow	25	N/A	None
06/22/09	10:37	NA	-22.5	Negative air flow	27	N/A	None
06/22/09	10:47	NA	-18.5	Negative air flow	27	N/A	None
06/22/09	10:56	NA	-14.5	Negative air flow	26	N/A	None
06/22/09	11:07	NA	-11	Negative air flow	25	N/A	None
06/22/09	11:16	NA	-7	Negative air flow	27	N/A	None
06/22/09	11:26	NA	-3	Negative air flow	27	N/A	None
06/22/09	11:29	NA	-2	Negative air flow	27	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:27	11:29	62.0	6	96.77	Negative air flow	NA	-2	27	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/22/09	11:29	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-20

General Notes

Size: 2The sample was collected from the wall adjacent to the driveway upgradient of the sample 0276SG002 at the corner of the wall and the corner of the front porch.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0276SG001**
Location ID: 0276
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3264
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/13/09

Leak Test

Leak Test Start Date	03/06/2009	Leak Test Start Time	10:29
Leak Test End Date	03/06/2009	Leak Test End Time	10:35
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (ºC)	Other	Notes
03/06/09	10:36	NA	-30	Negative air flow	12	N/A	Start Sample
03/06/09	10:51	NA	-23	Negative air flow	11	N/A	None
03/06/09	11:17	NA	-12	Negative air flow	11	N/A	None
03/06/09	11:31	NA	-6	Negative air flow	11	N/A	None
03/06/09	11:42	NA	-2	Negative air flow	11	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (ºC)	Other
10:36	11:42	66.0	6	90.91	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/06/09	11:43	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-12

General Notes

Size: 2Sample location is a two-story villa with a subterranean garage. Sampling took place in the garage. Sample team conferred with LL and drilled two holes outside in driveway originally due to garage being tiled but could not find a good sample location because sample team encountered resistance that could not be drilled through at 1.5 ft depth. With the landlord's consent a third sample hole was drilled in the garage through tile. Sample location was sampled as a sub-slab. Sample team drilled through 3.5 ft of concrete.
Note: Clean/check date on summa canister fact sheet was given as 13.9.02 which sample team assumed was incorrect and a typo by lab tech. Sample team interpreted clean/check date as 13.02.09 (13 Feb 2009) as more likely. In addition canister was at -30 in Hg which seemed to indicate that it hadnt been sitting on the shelf for the past 7 years.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0279AA001**
Location ID: 0279
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Roberta Durante,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3225
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/02/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
08/26/09	14:15	NA	-30	Negative air flow	28	N/A	None
08/26/09	14:25	NA	-26	Negative air flow	28	N/A	None
08/26/09	14:42	NA	-20	Negative air flow	28	N/A	None
08/26/09	14:55	NA	-14	Negative air flow	28	N/A	None
08/26/09	15:07	NA	9	Negative air flow	29	N/A	None
08/26/09	15:15	NA	-6	Negative air flow	29	N/A	None
08/26/09	15:27	NA	-2	Negative air flow	29	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:15	15:27	72.0	6	83.33	Negative air flow	NA	-2	29	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	08/26/09	15:27	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-29

General Notes

Size: 2The sample was a near slab performed in a grassy area west of the house. The AA sample was placed upwind of the near slab sample and closer to Via Ferrara. The house actually has two entrances from two different streets. The rear car entrance is located on Via Ferrara and the front entrance is located on the next street over to the east (via Madrano). The ambient air sample was collected in the yard southwest of the near slab sample.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0279SG001**
Location ID: 0279
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Roberta Durante,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3757
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/02/09

Leak Test

Leak Test Start Date	08/26/2009	Leak Test Start Time	14:10
Leak Test End Date	08/26/2009	Leak Test End Time	14:12
Leak Test Duration (min)	2	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	500.00	Results of Leak Test (ppm-He)	5925

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
08/26/09	14:14	NA	-30	Negative air flow	33	N/A	None
08/26/09	14:25	NA	-26.5	Negative air flow	32	N/A	None
08/26/09	14:43	NA	-19	Negative air flow	32	N/A	None
08/26/09	14:54	NA	-14	Negative air flow	33	N/A	None
08/26/09	15:07	NA	-9	Negative air flow	33	N/A	None
08/26/09	15:17	NA	-6	Negative air flow	32	N/A	None
08/26/09	15:27	NA	-2	Negative air flow	33	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:14	15:27	73.0	6	82.19	Negative air flow	NA	-2	33	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	08/26/09	15:27	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-29

General Notes

Size: 1The sample was a near slab performed in a grassy area west of the house. The house actually has two entrances from two different streets. The rear car entrance is located on Via Ferrara and the front entrance is located on the next street over to the east (via Madrano). The ambient air sample was collected in the yard southwest of the near slab sample. It was placed upwind of the near slab sample and closer to Via Ferrara.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0288SG001**
Location ID: 0288
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	0.75	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	0.9	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC23
Sample Canister	Yes	Sample Canister Serial Number	3228
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	03/02/2009	Leak Test Start Time	10:18
Leak Test End Date	03/02/2009	Leak Test End Time	10:24
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/02/09	10:30	NA	-30	Negative air flow	12	N/A	Start Sample
03/02/09	10:52	NA	-22	Negative air flow	12	N/A	None
03/02/09	11:00	NA	-18	Negative air flow	12	N/A	None
03/02/09	11:10	NA	-13	Negative air flow	12	N/A	None
03/02/09	11:20	NA	-9	Negative air flow	12	N/A	None
03/02/09	11:29	NA	-6	Negative air flow	12	N/A	None
03/02/09	11:40	NA	-3	Negative air flow	12	N/A	None
03/02/09	11:44	NA	-2	Negative air flow	12	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:30	11:44	74.0	6	81.08	Negative air flow	NA	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/02/09	11:44	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-11

General Notes

Size: 1Date for summa can's last check and cleaning not given. Sheet provided by lab not for this summa can's serial number. Sample location is in a basement accessed through the car port of building. Above car port are apartments. It was sampled as a sub-slab. Sample team drilled through approx. 8" of cement. Sample hole was over-drilled by approx. 2' to insure that there was no dual layer of cement foundation. A step-out water sample (VOC's) was taken at this location as well.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0326SG001**
Location ID: 0326
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.85	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.875	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-34
Sample Canister	Yes	Sample Canister Serial Number	3222
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/07/09

Leak Test

Leak Test Start Date	07/17/2009	Leak Test Start Time	10:30
Leak Test End Date	07/17/2009	Leak Test End Time	10:35
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/17/09	10:37	NA	-30	Negative air flow	26	N/A	None
07/17/09	10:47	NA	-26.5	Negative air flow	27	N/A	None
07/17/09	10:57	NA	-22.5	Negative air flow	27	N/A	None
07/17/09	11:07	NA	-18.5	Negative air flow	27	N/A	None
07/17/09	11:17	NA	-15	Negative air flow	27	N/A	None
07/17/09	11:27	NA	-10.5	Negative air flow	27	N/A	None
07/17/09	11:37	NA	-5.5	Negative air flow	27	N/A	None
07/17/09	11:47	NA	-2.5	Negative air flow	27	N/A	None
07/17/09	11:49	NA	-2	Negative air flow	27	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:37	11:49	72.0	6	83.33	Negative air flow	NA	-2	27	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/17/09	11:49	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-21

General Notes

Size: 1Took soil gas sample from garage at normal ground level. Hole drilled next to house wall through concrete slab.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0326AA001**
Location ID: 0326
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-20
Sample Canister	Yes	Sample Canister Serial Number	3171
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/07/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/17/09	10:39	NA	-30+	Negative air flow	26	N/A	None
07/17/09	10:49	NA	-28	Negative air flow	27	N/A	None
07/17/09	10:59	NA	-23.5	Negative air flow	27	N/A	None
07/17/09	11:09	NA	-19	Negative air flow	30	N/A	None
07/17/09	11:19	NA	-15	Negative air flow	30	N/A	None
07/17/09	11:29	NA	-11	Negative air flow	30	N/A	None
07/17/09	11:39	NA	-6.5	Negative air flow	30	N/A	None
07/17/09	11:49	NA	-3.5	Negative air flow	30	N/A	None
07/17/09	11:54	NA	-2	Negative air flow	30	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:39	11:54	75.0	6	80.0	Negative air flow	NA	-2	30	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/17/09	11:54	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-21

General Notes

Size: 1No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0329SG001**
Location ID: 0329
QC Duplicate ID: N/A

Lead Sampler: Kevin Weichert
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3195
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/03/09

Leak Test

Leak Test Start Date	07/25/2009	Leak Test Start Time	14:00
Leak Test End Date	07/25/2009	Leak Test End Time	14:05
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	4975

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/25/09	14:07	NA	-30	Negative air flow	34	N/A	directly in sunlight
07/25/09	14:23	NA	-24.5	Negative air flow	36	N/A	directly in sunlight
07/25/09	14:34	NA	-19.5	Negative air flow	35	N/A	directly in sunlight
07/25/09	14:45	NA	-15	Negative air flow	35	N/A	None
07/25/09	14:55	NA	-11	Negative air flow	34	N/A	None
07/25/09	15:10	NA	-5.5	Negative air flow	33	N/A	None
07/25/09	15:20	NA	-2	Negative air flow	35	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:07	15:20	73.0	6	82.19	Negative air flow	NA	-2	35	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/25/09	15:20	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-25

General Notes

Size: 1House location given was Via Madrano #12 sample collected in the back yard of the house (Via Ferrara #16).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0329AA001**
Location ID: 0329
QC Duplicate ID: N/A

Lead Sampler: Kevin Weichert
Additional Sampler(s) Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3760
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/03/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/25/09	14:08	NA	-29.5	Negative air flow	28	N/A	None
07/25/09	14:22	NA	-24	Negative air flow	26	N/A	None
07/25/09	14:34	NA	-20	Negative air flow	27	N/A	None
07/25/09	14:45	NA	-15	Negative air flow	26	N/A	None
07/25/09	14:54	NA	-11.5	Negative air flow	27	N/A	None
07/25/09	15:10	NA	-5	Negative air flow	27	N/A	None
07/25/09	15:19	NA	-2	Negative air flow	27	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:08	15:19	71.0	6	84.51	Negative air flow	NA	-2	27	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/25/09	15:19	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-25

General Notes

Size: 1No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0339AA001**
Location ID: 0339
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) John Wright,Andrea Gnoffo,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3189
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	06/07/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/16/09	10:23	NA	-30+	Negative air flow	37	N/A	may be around -33
07/16/09	11:08	NA	-12	Negative air flow	37	N/A	suma in sun light
07/16/09	11:17	NA	-9	Negative air flow	39	N/A	suma in sun light
07/16/09	11:26	NA	-5	Negative air flow	40	N/A	summa in direct sun light
07/16/09	11:32	NA	-3.25	Negative air flow	41	N/A	suma in sun light
07/16/09	11:36	NA	-2	Negative air flow	41	N/A	summa in sunlight

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:23	11:36	73.0	6	82.19	Negative air flow	NA	-2	41	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/16/09	11:36	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-21

General Notes

Size: 2AA was taken on stairs next to side house door. Summa placed at normal breathing zone to conduct test. Also in backyard patio area.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0339SG001**
Location ID: 0339
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) John Wright,Andrea Gnoffo,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.25	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-34
Sample Canister	Yes	Sample Canister Serial Number	3251
Sample Canister Model Number	SilcoCan #24182-650	Sample Canister Leak Check Date	06/07/09

Leak Test

Leak Test Start Date	07/16/2009	Leak Test Start Time	10:11
Leak Test End Date	07/16/2009	Leak Test End Time	10:18
Leak Test Duration (min)	7	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	285.71	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/16/09	10:21	NA	-30	Negative air flow	37	N/A	may be around -32
07/16/09	11:06	NA	-15.25	Negative air flow	37	N/A	suma in sun light
07/16/09	11:16	NA	-11	Negative air flow	40	N/A	in sun light
07/16/09	11:25	NA	-7	Negative air flow	41	N/A	suma in sun light
07/16/09	11:33	NA	-3.5	Negative air flow	40	N/A	suma in sun light
07/16/09	11:40	NA	-2	Negative air flow	43	N/A	suma in sun light

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:21	11:40	79.0	6	75.95	Negative air flow	NA	-2	43	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/16/09	11:40	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-21

General Notes

Size: 1Took soil gas sample from backyard because garage was tiled and landlord preferred backyard on patio. Drilled through slab close to house wall. The patio slab was at approximately the same elevation as the inside garage concrete slab.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0341SG001**
Location ID: 0341
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	3.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	3.7	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3183
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	01/07/09

Leak Test

Leak Test Start Date	02/07/2009	Leak Test Start Time	09:58
Leak Test End Date	02/07/2009	Leak Test End Time	10:03
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/07/09	10:05	na	-30	Negative air flow	16	N/A	Start sampling
02/07/09	10:21	na	-24	Negative air flow	15.5	N/A	None
02/07/09	10:31	na	-20	Negative air flow	15	N/A	None
02/07/09	10:44	na	-15	Negative air flow	15	N/A	None
02/07/09	10:55	na	-11	Negative air flow	15	N/A	None
02/07/09	11:08	na	-6	Negative air flow	14	N/A	None
02/07/09	11:19	na	-2	Negative air flow	14	N/A	End sampling

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:05	11:19	74.0	6	81.08	Negative air flow	na	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/07/09	11:19	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-2

General Notes

Size: 2The house is a two story stand-alone home (yellow with light colored stonework and a light green fence/gate) with a subterranean garage. Sampling took place in the garage. Garage was tiled but landlord gave permission for drilling through tile. LL stated that he had extra tiles for repairs due to a recent repair made in the garage from a faulty holding tank and new water lines being installed. Sampled team drilled through approx. 3.5 ft. of cement and sampled as a sub-slab. LL has a motorcycle repair shop directly next door. Possible source for any positive results found.
PE tubing with Teflon lining was used to sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0343AA001**
Location ID: 0343
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-20
Sample Canister	Yes	Sample Canister Serial Number	3162
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/03/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/17/09	14:08	NA	-30+	Negative air flow	32	N/A	in direct sun light
07/17/09	14:21	NA	-27.5	Negative air flow	31	N/A	None
07/17/09	14:31	NA	-20.5	Negative air flow	28	N/A	None
07/17/09	14:44	NA	-17.5	Negative air flow	30	N/A	None
07/17/09	14:56	NA	-13	Negative air flow	31	N/A	None
07/17/09	15:09	NA	-7.5	Negative air flow	29	N/A	low temp in direct sunlight could be affected by breeze
07/17/09	15:28	NA	-2	Negative air flow	27	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:08	15:28	80.0	6	75.0	Negative air flow	NA	-2	27	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/17/09	15:28	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-22

General Notes

Size: 2Sample collected directly from the valve.
No probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0343SG001**
Location ID: 0343
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.3	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.4	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-34
Sample Canister	Yes	Sample Canister Serial Number	3105
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/02/09

Leak Test

Leak Test Start Date	07/17/2009	Leak Test Start Time	13:58
Leak Test End Date	07/17/2009	Leak Test End Time	14:02
Leak Test Duration (min)	4	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	1400

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/17/09	14:04	NA	-30	Negative air flow	NA	N/A	partially in sun under olive tree
07/17/09	14:19	NA	-24.25	Negative air flow	31	N/A	None
07/17/09	14:31	NA	-20	Negative air flow	31	N/A	None
07/17/09	14:44	NA	-15	Negative air flow	32	N/A	None
07/17/09	14:55	NA	-10.5	Negative air flow	34	N/A	None
07/17/09	15:10	NA	-5	Negative air flow	33	N/A	None
07/17/09	15:18	NA	-2	Negative air flow	33	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:04	15:18	74.0	6	81.08	Negative air flow	NA	-2	33	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/17/09	15:18	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-22

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0345SG001**
Location ID: 0345
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	4.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	4.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3193
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	01/07/09

Leak Test

Leak Test Start Date	02/06/2009	Leak Test Start Time	14:09
Leak Test End Date	02/06/2009	Leak Test End Time	14:15
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/06/09	14:17	na	-30	Negative air flow	14	N/A	Start Sampling
02/06/09	14:29	na	-25	Negative air flow	14	N/A	None
02/06/09	14:37	na	-21	Negative air flow	14	N/A	None
02/06/09	14:52	na	-15	Negative air flow	15	N/A	None
02/06/09	15:00	NA	-11	Negative air flow	15	N/A	None
02/06/09	15:13	NA	-6	Negative air flow	15	N/A	None
02/06/09	15:22	NA	-2	Negative air flow	15	N/A	End Sample

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:17	15:22	65.0	6	92.31	Negative air flow	NA	-2	15	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/06/09	15:22	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-2

General Notes

Size: 1A single-family 3-story apartment/home (yellow with light colored stone work and brown fence) with a subterranean garage. Portions of home extend over a business on ground level facing the street. Business sells furniture and computer related items. Sampling took place as a sub-slab in the garage area. Sample team had to drill through 4 feet of cement. Had some difficulty with drilling hole at about 3 to 3.5 ft markmust have nicked a piece of rebar in cement. Used a bigger drill to bypass.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0354SG001**
Location ID: 0354
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3230
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/10/09

Leak Test

Leak Test Start Date	02/18/2009	Leak Test Start Time	14:07
Leak Test End Date	02/18/2009	Leak Test End Time	14:12
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/18/09	14:14	NA	-29	Negative air flow	6	N/A	None
02/18/09	14:23	NA	-26	Negative air flow	5	N/A	None
02/18/09	14:34	NA	-21.5	Negative air flow	5	N/A	None
02/18/09	14:45	NA	-16.5	Negative air flow	4	N/A	None
02/18/09	15:02	NA	-9	Negative air flow	5	N/A	None
02/18/09	15:16	NA	-4	Negative air flow	5	N/A	None
02/18/09	15:22	NA	-2	Negative air flow	5	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:14	15:22	68.0	6	88.24	Negative air flow	NA	-2	5	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/18/09	15:22	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-7

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0361SG001-NS**
Location ID: 0361
QC Duplicate ID: N/A

Lead Sampler: Patrick Leonard
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	N/A	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	N/A	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 12/9/2009: Location 0361 - Not sampled - No well and no suitable location to collect SG (all areas tiled).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0371SG001**
Location ID: 0371
QC Duplicate ID: N/A

Lead Sampler: Chuck Meyer
Additional Sampler(s) Simona Campobasso,Charlie Warino
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1	Type of Probe	PE tubing
Bottom Depth of Probe(ft-bgs)	1.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3105
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	04/09/09

Leak Test

Leak Test Start Date	04/23/2009	Leak Test Start Time	09:56
Leak Test End Date	04/23/2009	Leak Test End Time	10:02
Leak Test Duration (min)	6	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	166.67	Results of Leak Test (ppm-He)	0.0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
04/23/09	10:03	NA	-30	Negative air flow	13	N/A	None
04/23/09	10:19	NA	-24	Negative air flow	13	N/A	None
04/23/09	10:32	NA	-18	Negative air flow	13	N/A	None
04/23/09	10:46	NA	-12	Negative air flow	14	N/A	None
04/23/09	10:54	NA	-9	Negative air flow	14	N/A	None
04/23/09	11:02	NA	-5	Negative air flow	14	N/A	None
04/23/09	11:13	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:03	11:13	70.0	6	85.71	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/23/09	11:13	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-15

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0374SG001**
Location ID: 0374
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.583	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.625	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3065
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/02/09

Leak Test

Leak Test Start Date	07/22/2009	Leak Test Start Time	13:38
Leak Test End Date	07/22/2009	Leak Test End Time	13:43
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/22/09	13:46	NA	-30	Negative air flow	25	N/A	None
07/22/09	13:56	NA	-27	Negative air flow	26	N/A	None
07/22/09	14:08	NA	-22	Negative air flow	26	N/A	None
07/22/09	14:18	NA	-17.5	Negative air flow	27	N/A	None
07/22/09	14:44	NA	-7.5	Negative air flow	26	N/A	None
07/22/09	15:00	NA	-2	Negative air flow	26	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:46	15:00	74.0	6	81.08	Negative air flow	NA	-2	26	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/22/09	15:00	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-23

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0374AA001**
Location ID: 0374
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	2604
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/02/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/22/09	13:47	NA	-30	Negative air flow	28	N/A	None
07/22/09	13:57	NA	-26	Negative air flow	27	N/A	None
07/22/09	14:08	NA	-21.5	Negative air flow	28	N/A	None
07/22/09	14:18	NA	-18	Negative air flow	26	N/A	None
07/22/09	14:44	NA	-7	Negative air flow	27	N/A	None
07/22/09	15:00	NA	-2	Negative air flow	27	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:47	15:00	73.0	6	82.19	Negative air flow	NA	-2	27	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/22/09	15:00	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-23

General Notes

Size: 2Sample collected directly from the valve.
No probe needed to collect Ambient Air sample

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0410SG001**
Location ID: 0410
QC Duplicate ID: FDSG022809-01

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.6	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3139
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/02/09

Leak Test

Leak Test Start Date	02/28/2009	Leak Test Start Time	14:33
Leak Test End Date	02/28/2009	Leak Test End Time	14:38
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/28/09	14:40	NA	-30	Negative air flow	10	N/A	FD = -30
02/28/09	14:58	NA	-23	Negative air flow	10	N/A	FD = -24
02/28/09	15:14	NA	-14	Negative air flow	10	N/A	FD = -17
02/28/09	15:29	NA	-10	Negative air flow	11	N/A	FD = -11.5
02/28/09	15:40	NA	-5	Negative air flow	10	N/A	FD = -6
02/28/09	15:49	NA	-2	Negative air flow	10	N/A	FD = -2.5

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:40	15:49	69.0	6	86.96	Negative air flow	NA	-2	10	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/28/09	15:49	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-11

General Notes

Size: 7Dup completed at location:
Canister gauge: FC22
Summa model #: 3763
Summa serial #: 24182-650
Leak test date: Feb 2nd 2009

Sample collected in garage area below living area. This area is open to the air and was attempted to be sampled as near-slab. When drilling - hit a hard "clay brick" layer unable to push stainless steel vapor probe through same (could be utility related). Therefore the decision was made to sample it as sub-slab using Teflon tubing.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0416SG001**
Location ID: 0416
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	4.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	4.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-20
Sample Canister	Yes	Sample Canister Serial Number	3077
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/12/09

Leak Test

Leak Test Start Date	02/27/2009	Leak Test Start Time	13:50
Leak Test End Date	02/27/2009	Leak Test End Time	13:55
Leak Test Duration (min)	5	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	400.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/27/09	13:55	NA	-29	Negative air flow	13	N/A	Start sampling
02/27/09	14:05	NA	-23	Negative air flow	13	N/A	None
02/27/09	14:15	NA	-20	Negative air flow	12	N/A	None
02/27/09	14:25	NA	-17	Negative air flow	12	N/A	None
02/27/09	14:36	NA	-11	Negative air flow	12	N/A	None
02/27/09	14:47	NA	-6	Negative air flow	12	N/A	None
02/27/09	14:57	NA	-2	Negative air flow	12	N/A	Stop sampling.

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
13:55	14:57	62.0	6	96.77	Negative air flow	NA	-2	12	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/27/09	14:57	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-11

General Notes

Size: 1Property is a two story single family home orangish-yellow (mustard) in color with white trim - large brown steel gate at entrance. Soil-gas sample was collected from approx. center of basement/garage area. Good access from road.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0427SG001**
Location ID: 0427
QC Duplicate ID: N/A

Lead Sampler: Mike Jaynes
Additional Sampler(s) William Olson
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	2.0	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	2.2	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3230
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	03/05/09

Leak Test

Leak Test Start Date	03/27/2009	Leak Test Start Time	14:17
Leak Test End Date	03/27/2009	Leak Test End Time	14:24
Leak Test Duration (min)	7	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	142.86	Results of Leak Test (ppm-He)	25

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
03/27/09	14:26	NA	-29	Negative air flow	16	N/A	None
03/27/09	14:38	NA	-25	Negative air flow	13	N/A	None
03/27/09	14:50	NA	-20	Negative air flow	13	N/A	None
03/27/09	15:06	NA	-14	Negative air flow	13	N/A	None
03/27/09	15:14	NA	-9	Negative air flow	13	N/A	None
03/27/09	15:25	NA	-5	Negative air flow	13	N/A	None
03/27/09	16:33	NA	-2	Negative air flow	13	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:26	16:33	127.0	6	47.24	Negative air flow	NA	-2	13	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/27/09	15:35	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-13

General Notes

Size: 1Sample collected as a sub-slab in the concrete covered garage (see sketch).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0436SG001**
Location ID: 0436
QC Duplicate ID: N/A

Lead Sampler: Steve Cooper
Additional Sampler(s) Katie Conrad,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	4.8	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-23
Sample Canister	Yes	Sample Canister Serial Number	3218
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/11/09

Leak Test

Leak Test Start Date	02/17/2009	Leak Test Start Time	10:07
Leak Test End Date	02/17/2009	Leak Test End Time	10:13
Leak Test Duration (min)	6	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/17/09	10:15	NA	-30	Negative air flow	10	N/A	Start sampling
02/17/09	10:26	NA	-24	Negative air flow	10	N/A	None
02/17/09	10:37	NA	-21	Negative air flow	11	N/A	None
02/17/09	10:45	NA	-17	Negative air flow	11	N/A	None
02/17/09	11:06	NA	-9	Negative air flow	11	N/A	None
02/17/09	11:21	NA	-4	Negative air flow	11	N/A	None
02/17/09	11:29	NA	-2	Negative air flow	11	N/A	End sampling

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:15	11:29	74.0	6	81.08	Negative air flow	NA	-2	11	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/17/09	11:29	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-5

General Notes

Size: 1Collected soil-gas sample from concrete driveway near home within 6 ft. drove soil probe to a total depth 5 ft. bls. This sample is a step-out.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0462SG001**
Location ID: 0462
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.1	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	2286
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	10/16/08

Leak Test

Leak Test Start Date	02/13/2009	Leak Test Start Time	10:20
Leak Test End Date	02/13/2009	Leak Test End Time	10:25
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/13/09	10:27	NA	-27	Negative air flow	9	N/A	estimated start sample
02/13/09	10:37	NA	-23	Negative air flow	9	N/A	None
02/13/09	10:47	NA	-19	Negative air flow	8	N/A	None
02/13/09	11:00	NA	-13	Negative air flow	8	N/A	None
02/13/09	11:07	NA	-10	Negative air flow	8	N/A	None
02/13/09	11:14	NA	-6	Negative air flow	8	N/A	None
02/13/09	11:28	NA	-2	Negative air flow	8	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:27	11:28	61.0	6	98.36	Negative air flow	NA	-2	8	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/13/09	11:28	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-4

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0805AA001**
Location ID: 0805
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Indoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3182
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/06/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
08/04/09	10:10	NA	-29	Negative air flow	27	N/A	None
08/04/09	10:24	NA	-23.5	Negative air flow	26	N/A	None
08/04/09	10:36	NA	-19.5	Negative air flow	26	N/A	None
08/04/09	10:48	NA	-14.5	Negative air flow	26	N/A	None
08/04/09	11:01	NA	-9	Negative air flow	26	N/A	None
08/04/09	11:12	NA	-4.5	Negative air flow	26	N/A	None
08/04/09	11:17	NA	-2	Negative air flow	26	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:10	11:17	67.0	6	89.55	Negative air flow	NA	-2	26	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	08/04/09	11:17	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-27

General Notes

Size: 1Sample placed in the apartment parking garage (no sketch). Sample collected directly from the valve - no probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0805SG001**
Location ID: 0805
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.5	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.6	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3221
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/06/09

Leak Test

Leak Test Start Date	08/04/2009	Leak Test Start Time	10:03
Leak Test End Date	08/04/2009	Leak Test End Time	10:06
Leak Test Duration (min)	3	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	333.33	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
08/04/09	10:09	NA	-30	Negative air flow	23	N/A	None
08/04/09	10:23	NA	-25	Negative air flow	23	N/A	None
08/04/09	10:37	NA	-19	Negative air flow	23	N/A	None
08/04/09	10:49	NA	-14	Negative air flow	23	N/A	None
08/04/09	11:01	NA	-9	Negative air flow	23	N/A	None
08/04/09	11:12	NA	-5	Negative air flow	23	N/A	None
08/04/09	11:21	NA	-2	Negative air flow	23	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:09	11:21	72.0	6	83.33	Negative air flow	NA	-2	23	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	08/04/09	11:21	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-27

General Notes

Size: 1Sample location is a three-story yellow apartment/townhouse. The address given is Via Orientale SNC (there is no house number)located in Parco Verde. Sample team scouted location and set up for a sub-slab in the garage (basement). Sample team drilled through 1.5 inches of concrete. Sub-slab set up used Teflon tubing. Both ambient air (outside) and soil gas were collected. Sample team didn't sample the water since there was no well located on property.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0815SG001**
Location ID: 0815
QC Duplicate ID: N/A

Lead Sampler: Keith Simpson
Additional Sampler(s) Roberta Durante,Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.08	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.33	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3142
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/02/09

Leak Test

Leak Test Start Date	09/05/2009	Leak Test Start Time	09:30
Leak Test End Date	09/05/2009	Leak Test End Time	9:35
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
09/05/09	9:38	NA	-28.5	Negative air flow	25	N/A	None
09/05/09	9:48	NA	-25	Negative air flow	25	N/A	None
09/05/09	9:58	NA	-21	Negative air flow	25	N/A	None
09/05/09	10:08	NA	-17	Negative air flow	25	N/A	None
09/05/09	10:18	NA	-13	Negative air flow	25	N/A	None
09/05/09	10:28	NA	-9	Negative air flow	25	N/A	None
09/05/09	10:48	NA	-2	Negative air flow	25	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:38	10:48	70.0	6	85.71	Negative air flow	NA	-2	25	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	09/05/09	10:48	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-30

General Notes

Size: 2The sample was a sub slab sample taken from the basement of the house. The basement did have vent windows around the perimeter that allow for air circulation. . There were no issues in the collection of this sample. The Ambient Air sample was taken on the front porch of the house. It was placed at breathing level.
The house was a townhouse with three stories with a basement. The building was beige with green iron work and brown brick trim. The garage was about four feet below grade.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0815AA001**
Location ID: 0815
QC Duplicate ID: N/A

Lead Sampler: Keith Simpson
Additional Sampler(s) Roberta Durante,Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3061
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/02/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
09/05/09	9:39	NA	-30	Negative air flow	19	N/A	None
09/05/09	9:49	NA	-26.5	Negative air flow	19	N/A	None
09/05/09	9:59	NA	-22.5	Negative air flow	19	N/A	None
09/05/09	10:09	NA	-18.5	Negative air flow	19	N/A	None
09/05/09	10:19	NA	-13.5	Negative air flow	19	N/A	None
09/05/09	10:29	NA	-10	Negative air flow	19	N/A	None
09/05/09	10:51	NA	-2	Negative air flow	19	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
9:39	10:51	72.0	6	83.33	Negative air flow	NA	-2	19	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	09/05/09	10:51	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-30

General Notes

Size: 3The sample was a sub slab sample taken from the basement of the house. The basement did have vent windows around the perimeter that allow for air circulation. The bottom depth was drilled to 16 inches and the tubing was placed at thirteen inches. There were no issues in the collection of this sample. The Ambient air sample was taken on the front porch of the house. It was placed at breathing level.
The house was a townhouse with three stories with a basement. The building was beige with green iron work and brown brick trim. The garage was about four feet below grade.
Sample collected directly from the valve - no probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0851AA001**
Location ID: 0851
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Chuck Meyer,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC-34
Sample Canister	Yes	Sample Canister Serial Number	3185
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/03/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
08/11/09	14:02	NA	-29	Negative air flow	30	N/A	None
08/11/09	14:12	NA	-26	Negative air flow	33	N/A	None
08/11/09	14:22	NA	-23	Negative air flow	34	N/A	None
08/11/09	14:32	NA	-19	Negative air flow	33	N/A	None
08/11/09	14:41	NA	-15	Negative air flow	33	N/A	None
08/11/09	14:51	NA	-11	Negative air flow	33	N/A	None
08/11/09	15:01	NA	-7	Negative air flow	33	N/A	None
08/11/09	15:11	NA	-3	High-flow air pump	33	N/A	None
08/11/09	15:15	NA	-2	Negative air flow	33	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:02	15:15	73.0	6	82.19	Negative air flow	NA	-2	33	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	08/11/09	15:15	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-28

General Notes

Size: 1Sample collected directly from the valve - no probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **0851SG001**
Location ID: 0851
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Chuck Meyer,Simona Campobasso
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Sub-slab
Top Depth of Probe (ft-bgs)	1.3	Type of Probe	Teflon tubing
Bottom Depth of Probe(ft-bgs)	1.5	Diameter of Probe (in)	0.25

Equipment

Gauge	Yes	Gauge Serial Number	Fc-13
Sample Canister	Yes	Sample Canister Serial Number	3236
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/02/09

Leak Test

Leak Test Start Date	08/11/2009	Leak Test Start Time	13:50
Leak Test End Date	08/11/2009	Leak Test End Time	13:58
Leak Test Duration (min)	8	Leak Test Volume (L)	2
Leak Flow Rate (mL/min)	250.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
08/11/09	14:01	NA	-30	Negative air flow	24	N/A	None
08/11/09	14:11	NA	-27	Negative air flow	24	N/A	None
08/11/09	14:21	NA	-23	Negative air flow	23	N/A	None
08/11/09	14:31	NA	-19	Negative air flow	23	N/A	None
08/11/09	14:41	NA	-15	Negative air flow	23	N/A	None
08/11/09	14:51	NA	-11	Negative air flow	23	N/A	None
08/11/09	15:01	NA	-8	Negative air flow	23	N/A	None
08/11/09	15:11	NA	-4	Negative air flow	23	N/A	None
08/11/09	15:18	NA	-2	Negative air flow	23	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
14:01	15:18	77.0	6	77.92	Negative air flow	NA	-2	23	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	08/11/09	15:18	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-28

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **1593SG001-NS**
Location ID: 1593
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 17/27/2009: Location cancelled and not sampled. Duplicate of Location ID 1846.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **1593AA001-NS**
Location ID: 1593
QC Duplicate ID: N/A

Lead Sampler: John Wright
Additional Sampler(s) N/A
MS/MSD: NA

Sample Data

Sampling Source	-Select-	Sampling Type	-Select-
Top Depth of Probe (ft-bgs)	0	Type of Probe	-Select-
Bottom Depth of Probe(ft-bgs)	0	Diameter of Probe (in)	-Select-

Equipment

Gauge	N/A	Gauge Serial Number	N/A
Sample Canister	N/A	Sample Canister Serial Number	N/A
Sample Canister Model Number	N/A	Sample Canister Leak Check Date	N/A

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	N/A

General Notes

Size: 17/27/2009: Location cancelled and not sampled. Duplicate of Location ID 1846.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **1621AA001**
Location ID: 1621
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3070
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/03/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/22/09	10:09	NA	-29.5	Negative air flow	28	N/A	None
07/22/09	10:19	NA	-26	Negative air flow	28	N/A	None
07/22/09	10:39	NA	-18.75	Negative air flow	29	N/A	None
07/22/09	10:49	NA	-14.5	Negative air flow	28	N/A	None
07/22/09	11:04	NA	-9	Negative air flow	30	N/A	None
07/22/09	11:20	NA	-2	Negative air flow	30	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:09	11:20	71.0	6	84.51	Negative air flow	NA	-2	30	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/22/09	11:20	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-23

General Notes

Size: 1Sample collected directly from the valve - no probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **1621SG001**
Location ID: 1621
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.65	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.75	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC20
Sample Canister	Yes	Sample Canister Serial Number	3248
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/02/09

Leak Test

Leak Test Start Date	07/22/2009	Leak Test Start Time	10:02
Leak Test End Date	07/22/2009	Leak Test End Time	10:07
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	75

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/22/09	10:09	NA	-30	Negative air flow	24	N/A	None
07/22/09	10:19	NA	-27.5	Negative air flow	24	N/A	None
07/22/09	10:39	NA	-19	Negative air flow	24	N/A	None
07/22/09	10:49	NA	-15	Negative air flow	24	N/A	None
07/22/09	11:04	NA	-8.5	Negative air flow	24	N/A	None
07/22/09	11:21	NA	-2	Negative air flow	24	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:09	11:21	72.0	6	83.33	Negative air flow	NA	-2	24	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/22/09	11:21	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-23

General Notes

Size: 0

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **1850AA001**
Location ID: 1850
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Ambient Air-AA	Sampling Type	Outdoor air (ambient)
Top Depth of Probe (ft-bgs)	Intake at breathing zone	Type of Probe	Direct fill - no probe used
Bottom Depth of Probe(ft-bgs)	NA	Diameter of Probe (in)	Not Applicable

Equipment

Gauge	Yes	Gauge Serial Number	FC34
Sample Canister	Yes	Sample Canister Serial Number	3226
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/03/09

Leak Test

Leak Test Start Date	N/A	Leak Test Start Time	N/A
Leak Test End Date	N/A	Leak Test End Time	N/A
Leak Test Duration (min)	N/A	Leak Test Volume (L)	N/A
Leak Flow Rate (mL/min)	N/A	Results of Leak Test (ppm-He)	N/A

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/27/09	10:06	NA	-29.5	Negative air flow	28	N/A	None
07/27/09	10:16	NA	-26.5	Negative air flow	33	N/A	None
07/27/09	10:28	NA	-22.5	Negative air flow	33	N/A	None
07/27/09	10:36	NA	-19	Negative air flow	33	N/A	None
07/27/09	10:46	NA	-15.5	Negative air flow	33	N/A	None
07/27/09	10:56	NA	-11	Negative air flow	30	N/A	None
07/27/09	11:06	NA	-7	Negative air flow	32	N/A	None
07/27/09	11:19	NA	-2	Negative air flow	32	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:06	11:19	73.0	6	82.19	Negative air flow	NA	-2	32	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/27/09	11:19	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-26

General Notes

Size: 1Sample collected directly from the valve - no probe needed to collect Ambient Air sample.

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **1850SG001**
Location ID: 1850
QC Duplicate ID: N/A

Lead Sampler: Luke Irvine
Additional Sampler(s) Simona Campobasso,Kevin Weichert
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	6.4	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.5	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC13
Sample Canister	Yes	Sample Canister Serial Number	3257
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	07/02/09

Leak Test

Leak Test Start Date	07/27/2009	Leak Test Start Time	09:58
Leak Test End Date	07/27/2009	Leak Test End Time	10:03
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	6900

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
07/27/09	10:06	NA	-30+	Negative air flow	30	N/A	None
07/27/09	10:16	NA	-26.5	Negative air flow	30	N/A	None
07/27/09	10:27	NA	-22	Negative air flow	30	N/A	None
07/27/09	10:37	NA	-18	Negative air flow	30	N/A	None
07/27/09	10:46	NA	-14.5	Negative air flow	30	N/A	None
07/27/09	10:56	NA	-10	Negative air flow	31	N/A	None
07/27/09	11:06	NA	-6	Negative air flow	30	N/A	None
07/27/09	11:17	NA	-2	Negative air flow	32	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:06	11:17	71.0	6	84.51	Negative air flow	NA	-2	32	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/27/09	11:17	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-26

General Notes

Size: 1Coordinates updated on 10/21/09 to correct original data set collected on 10/18/08 (Lat = 40.98518 and Lon = 14.23605).

SOIL GAS SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID: **1995SG001**
Location ID: 1995
QC Duplicate ID: N/A

Lead Sampler: Chuck Conrad
Additional Sampler(s) Chuck Meyer,Roberta Durante
MS/MSD: NA

Sample Data

Sampling Source	Soil Gas-SG	Sampling Type	Near-slab
Top Depth of Probe (ft-bgs)	5.9	Type of Probe	Soil vapor probe
Bottom Depth of Probe(ft-bgs)	6.0	Diameter of Probe (in)	0.50

Equipment

Gauge	Yes	Gauge Serial Number	FC-13
Sample Canister	Yes	Sample Canister Serial Number	3241
Sample Canister Model Number	24182-650	Sample Canister Leak Check Date	02/11/09

Leak Test

Leak Test Start Date	02/17/2009	Leak Test Start Time	09:58
Leak Test End Date	02/17/2009	Leak Test End Time	10:03
Leak Test Duration (min)	5	Leak Test Volume (L)	1
Leak Flow Rate (mL/min)	200.00	Results of Leak Test (ppm-He)	0

Sample Purge Information

Date	Time	PID Reading (ppm)	Pressure (in-Hg)	Method	Temp (°C)	Other	Notes
02/17/09	10:05	NA	-30	Negative air flow	6.5	N/A	None
02/17/09	10:16	NA	-24	Negative air flow	12	N/A	None
02/17/09	10:26	NA	-22	Negative air flow	15	N/A	None
02/17/09	10:35	NA	-17	Negative air flow	14	N/A	None
02/17/09	10:45	NA	-13	Negative air flow	17	N/A	None
02/17/09	10:55	NA	-9	Negative air flow	13	N/A	None
02/17/09	11:06	NA	-5	Negative air flow	13	N/A	None
02/17/09	11:14	NA	-2	Negative air flow	14	N/A	None

Final Purge / Sample Data

Start Sample Collection (hrs)	End Sample Collection (hrs)	Sample Collection Duration (min)	Sample Collection Volume (L)	Sample Collection Flow Rate (mL/min)	Method	PID Reading (ppm)	Pressure (in Hg)	Temp (°C)	Other
10:05	11:14	69.0	6	86.96	Negative air flow	NA	-2	14	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/17/09	11:15	Soil Gas - VOCs	TO-15A	None	1	SUMMA Canister	6 L	None	ED00000093-5

General Notes

Size: 2Sun started shining on the Summa canister during sampling.
4/17/2009 Note added by JSW: To clarify this location (1995) was located outside of the Step-Out area and was sampled prior to realizing that this location was not in the correct area. The address was correct but the city was not correct. This sample is therefore not to be used in the data set or evaluation for the Step-Out phase. The data may be used if needed for the Phase II data evaluation.

TAP WATER SAMPLE LOGS

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0004TW001-NS**	Sampler:	John Wright
Location:	0004	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Afragola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A

General Notes

Size: 1Sample planned for 3/18/09. Sample not collected and marked as "CNX" on schedule.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0185TW001-NS**	Sampler:	Keith Simpson
Location:	0185	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 3Step out home- on city water
no well
no water sample as per QAPP

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0225IW001**	Sampler:	John Wright
Location:	0225	Sample Date:	06/08/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
13:45	13:55	10	Clear	7.31	1.12	6.00	0.0	25.02	218	0.03	TDS = 0.717

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/08/09	13:56	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-19

General Notes

Size: 1Sample collected from Irrigation Well source. Irrigation water used to water lawn and exterior use per landlord interview. However during water source inspection the private well water line was observed entering the garage area where the interior water holding tank is located. There is a public water line and private well line both with valves which merge together just after the individual valves. There is a water meter after the two sources merge. Both valves were open at the time of the inspection. The private well valve was closed and the tank pump to deliver water to the house was unpluged to verify that the exterior tap sampled was not coming from the public source.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0231IW001**	Sampler:	Katie Conrad
Location:	0231	Sample Date:	01/07/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	x	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:00	10:05	5	Clear	6.88	1.2	0.75	32	11.26	276	0.1	TDS = 0.89 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/07/09	10:05	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 1Private well source. Garden hose/tap used for source. House is on city water with a 1000L holding tank. Took a VOA sample from the garden hose/tap which is on well water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0234TW001**	Sampler:	Luke Irvine
Location:	0234	Sample Date:	07/24/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:47	11:52	5	Clear	6.84	1.13	10.15	0.0	26.53	241	0.03	TDS= 0.725 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/24/09	11:53	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-24

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0269TW001**	Sampler:	Chuck Meyer
Location:	0269	Sample Date:	05/08/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:15	11:25	10	Clear	6.87	4.10	8.53	0.0	20.56	229	0.03	TDS: 0.706g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/08/09	11:25	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-16

General Notes

Size: 1The landlord indicated that the home was still on well water he owns the two units. The well is located on the other property and personnel did not have access to that property. The sample was collected from the kitchen sink after removing the aerator and purging for 10 minutes due to the tenant not being there for the last month and a half. The water was clear with no oder or sheen present

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0275IW001-NS**	Sampler:	Katie Conrad
Location:	0275	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

General Notes

Size: 1No well water sampled - enter details from Scheduling (not scheduled for Tap Water).

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0276IW001**	Sampler:	Mike Jaynes
Location:	0276	Sample Date:	03/06/09
QC Duplicate ID:	FDIW030609-01	MS/MSD:	MS/MSD

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
12:15	12:30	15	Slightly Turbid	7.50	1.26	8.95	6.5	13.46	325	0.1	TDS - 0.8g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/06/09	12:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	9	Glass - Clear	40ml vials	Run MS/MSD	ED00000093-12

General Notes

Size: 2Upon inspection of the well setup it was confirmed that the well can be activated at any time for irrigation or blending with city water. Collected MS/MSD samples for VOCs at this location also Field Duplicate collected.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0279TW001-NS**	Sampler:	Keith Simpson
Location:	0279	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 226 Aug 2009-Step out home on city water no well on property
no TW sample collected per QAPP.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0288IW001**	Sampler:	Chuck Conrad
Location:	0288	Sample Date:	03/02/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:00	10:10	10	Clear	7.10	1.3	5.50	5	14.02	258	0.1	TDS = 0.8 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/02/09	10:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-11

General Notes

Size: 1Property has both public and well water options. Both are still hooked up and can be alternated by switching two valves. The sample was taken from a outside tap (on house's the interior plaza) from a line directly branched from the well which is used for irrigation.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0326TW001**	Sampler:	Luke Irvine
Location:	0326	Sample Date:	07/17/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:07	10:12	5	Clear	6.71	1.09	3.91	0.0	22.13	265	0.03	TDS = 0.711 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/17/09	10:12	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-22

General Notes

Size: 1House is on well water - confirmed with chlorine test results of 0.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0329TW001-NS**	Sampler:	Keith Simpson
Location:	0329	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 225 July 2009 - Step out home on city water no well on property
no TW sample collected per QAPP

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0339TW001**	Sampler:	Luke Irvine
Location:	0339	Sample Date:	07/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:41	10:51	10	Clear	6.77	1.11	3.96	0.0	22.27	264	0.03	TDS = 0.712 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/16/09	10:51	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-22

General Notes

Size: 1House on well water - and confirmed on well water. Chlorine test confirms house is only on well water. Landlord and tentant confirmed there is no public water going into the house. No water treatment system under sink.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0341IW001-NS**	Sampler:	Katie Conrad
Location:	0341	Sample Date:	02/07/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 2Visited house on 2/7/2009:
The landlord told us there has never been a well on the property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0343TW001**	Sampler:	Luke Irvine
Location:	0343	Sample Date:	07/17/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	x	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Not Known	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:57	15:02	5	Clear	7.11	2.03	6.55	0.0	28.23	190	0.07	TDS = 1.30 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/17/09	15:02	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-22

General Notes

Size: 1Tap in back of house on wall was the only source without chlorine. Therefore the sample was taken from this location. Water in house and front yard appear to be on city water as chlorine was found in water. Landlord was unknowledge about well sorce only that city water comes in from the street - however city water meter seems to be broken as it didn't move when house water or front yard was turned on. No treatment system present or holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0345IW001-NS**	Sampler:	Patrick Leonard
Location:	0345	Sample Date:	02/06/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

General Notes

Size: 22/6/2009:
The house has been converted over to city water. The well water has been disconnected from the house and garden. It was not possible to sample well water as the electricity to it was shut off too.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0354TW001**	Sampler:	Chuck Conrad
Location:	0354	Sample Date:	02/18/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:40	14:45	5	Clear	6.75	1.2	3.34	3	13.45	304	0.1	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/18/09	14:48	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-8

General Notes

Size: 5house on well water
-
Landlord contact numbers:
cell: 347-072-4783
house: 081-816-4107

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0361IW001-NS**	Sampler:	Katie Conrad
Location:	0361	Sample Date:	02/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 1Visited the house on 2/9/2009. No sample was taken because the house and garden are all on city water. The house was never on well water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0371IW001-NS**	Sampler:	Chuck Meyer
Location:	0371	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 14/23/09 - location not sampled for water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0374TW001-NS**	Sampler:	Luke Irvine
Location:	0374	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 27/22/2009: The house is on city water. There is no well on property. As a planned step out the team did not sample the house (ASG and ambient air collected - see logs).

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0410IW001-NS**	Sampler:	Chuck Conrad
Location:	0410	Sample Date:	02/28/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	N	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	N
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	Clear	6.83	0.91	8.33	14	14.37	380	0.0	TDS = 0.58 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 22/28/2009:
No sample collected. Property on city water and not well. Verified by shutting off valve and chlorine test and salinity test.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0416IW001**	Sampler:	Robin Clark
Location:	0416	Sample Date:	02/27/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	NA
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:00	14:15	15	Clear	7.63	0.765	6.78	4.5	16.10	345	0.1	TDS = 0.8 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/27/09	14:15	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-10

General Notes

Size: 1Sample location has city water and a private well. Investigation of residence water system indicated that well water could be blended into residence water system by means of a simple gaten valve (currently closed) Residence has a blended system - well water can be mixed. For this sample we only collected well water. Well is located in backyard near driveway that leads down into garage.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0427PW001**	Sampler:	Mike Jaynes
Location:	0427	Sample Date:	03/27/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:36	14:41	5	Clear	6.94	1.21	8.47	2.8	13.88	310	0.1	TDS = 0.8 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/27/09	14:45	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-13

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0436IW001**	Sampler:	Katie Conrad
Location:	0436	Sample Date:	02/17/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:37	10:50	13	Clear	6.74	1.27	5.42	5.7	12.29	313	0.1	TDS: 0.8g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/17/09	10:50	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-6

General Notes

Size: 2This is a step out house. The house is on city water
but the garden has well water. Took the sample from the yard fountain/spout.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0462IW001**	Sampler:	Robin Clark
Location:	0462	Sample Date:	02/24/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
09:20	09:35	15	Clear	6.99	1.19	8.58	29.0	15.12	326	0.1	TDS = 0.8 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/24/09	9:35	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-9

General Notes

Size: 142/13/09
Well on property feeds only to faucets in courtyard. House on city water.
sample collected on Feb 13 was not shipped due to very high chlorine.
2/17/09
returned to site on Feb 17 with Mike Jaynes and Simona.
LL onsite
has been running water from spigot for 2 hours.
well not connected to outside spigot. well has been disconnected 3 years. We will not collected sample today. LL willing to connect well for samping at a later date.
chlorine reading 0.7 = 0.15
2/24/09
return to house
LL here
has been running water for 15 minutes. chlorine check = 0.0. took off hose
continue to run water additional 15 minutes. checked water meter - it is not running. confirmed that we are on the well water. updated coordinates (were incorrect)

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0815TW001-NS**	Sampler:	Keith Simpson
Location:	0815	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 19/5/2009: House scheduled but no water sample collected. This step out home is on on city water with no well at house.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**1593TW001-NS**	Sampler:	John Wright
Location:	1593	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 17/27/2009: Location cancelled and not sampled. Duplicate of Location ID 1846.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**1621TW001**	Sampler:	Luke Irvine
Location:	1621	Sample Date:	07/22/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Cipriano D'Aversa

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:27	10:33	6	Clear	6.84	1.13	6.82	0.0	24.34	249	0.03	TDS: 0.720g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/22/09	10:33	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-24

General Notes

Size: 1house now on city water. asked the LL if we could sample well water. well disconnected on property. water sampled from the well next door.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**1847IW001**	Sampler:	Katie Conrad
Location:	1847	Sample Date:	02/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Other
Other	Ran water for awhile since the sample is coming from a well.	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	Clear	6.72	1.1	4.5	7	15.37	273	0.1	TDS = 0.7 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/09/09	13:21	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-3

General Notes

Size: 4Took a step out sample from the spout located outside which is connected to a well. The house is on city water. The well head is buried because the landlord had someone steal his pump before.
Additional note added on April 3
2009 (JSW) - note that this sample was a Phase II home at which an opportunistic "Step-Out" well sample was collected (in addition to the TW sample). This sample was shipped to the laboratory as noted on the analysis record
but a decision was made by the project team to not analyze this sample (not in scope).

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**1850TW002-NS**	Sampler:	Luke Irvine
Location:	1850	Sample Date:	07/27/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 107/27/2009: Sampled not collected. House is on city water and no well on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**1995IW001-NS**	Sampler:	Chuck Conrad
Location:	1995	Sample Date:	02/17/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 22/17/2009 - House not sampled for VOCs because there is not a well on property.
4/17/2009 - Note added by JSW: To clarify this location (1995) was located outside of the Step-Out area and was sampled prior to realizing that this location was not in the correct area. The address was correct but the city was not correct. This sample is therefore not to be used in the data set or evaluation for the Step-Out phase. The data may be used if needed for the Phase II data evaluation.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**0143TW001**	Sampler:	Chuck Conrad
Location:	0143	Sample Date:	12/18/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Water Softener	System Bypass for Sampling	N
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Bacoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:55	10:00	5	Clear	7.19	0.576	8.82	0.0	13.65	377	0.02	TDS = 0.369 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/18/08	10:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-7
✓	12/18/08	10:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-8
✓	12/18/08	10:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	10:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	10:00	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-7
✓	12/18/08	10:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	10:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	10:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	10:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-7

General Notes

Size: 4Landlord disconnected water tank from system for cleaning and disenfecting and will reconnect it to the system in the near future. So sampling did not include water tank.
Landlord claims water softener is not connected to system but it the valves to and from it were still open.
There 7 water meters outside
only one had valves to close. The water meter for the house was the last one on the bottom left. The water in the kitchen did not slow or stop when this was closed.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**0154TW001**	Sampler:	Robin Clark
Location:	0154	Sample Date:	12/16/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	BACOLI

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:22	11:27	5	Clear	7.29	0.83	7.28	7	14.09	507	0	TDS 0.52g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/16/08	11:22	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-3
✓	12/16/08	11:22	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	11:22	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	11:22	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-4
✓	12/16/08	11:22	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	11:22	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	11:22	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-3
✓	12/16/08	11:22	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	11:22	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-3

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**0163TW001**	Sampler:	Robin Clark
Location:	0163	Sample Date:	12/16/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Bacoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:00	10:05	5	Clear	7.30	0.86	7.74	7	14.51	391	0	TDS = 0.55 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/16/08	10:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	10:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-4
✓	12/16/08	10:00	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-3
✓	12/16/08	10:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	10:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	10:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	10:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	10:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	10:00	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-3

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**0567TW001**	Sampler:	Chuck Kelly
Location:	0567	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Castel Volturno

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:25	09:30	5	Clear	6.77	0.358	15.97	0.9	12.81	414	0.01	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	9:25	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:25	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	9:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10
✓	12/19/08	9:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:25	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:25	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1135TW001**	Sampler:	Mike Jaynes
Location:	1135	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola-Giugliano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:20	09:25	5	Clear	7.24	0.445	10.60	0	10.93	440	0	TDS - 0.29

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	9:25	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	9:25	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:25	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:25	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9
✓	12/19/08	9:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1169TW001**	Sampler:	Mike Jaynes
Location:	1169	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola-Giugliano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:50	10:55	5	Clear	7.67	0.439	10.98	0	11.82	535	0	TDS - 0.29

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	10:55	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	10:55	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10
✓	12/19/08	10:55	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	10:55	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	10:55	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	10:55	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	10:55	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9
✓	12/19/08	10:55	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	10:55	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9

General Notes

Size: 3Could not verify water meter operation for specific location. Meter is shared by 4 units and is located in a unit that we did not have access to. LL confirmed address on appointment sheet provided by housing (#44)
but unit sampled actually is labeled with a 40 at the man-gate where GPS coordinates were taken.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1737TW002**	Sampler:	Chuck Meyer
Location:	1737	Sample Date:	07/02/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa Di Briano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:20	09:25	5	Clear	6.73	0.984	8.66	0.0	24.69	413	0.03	TDS = 0.620 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/02/09	9:16	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000092-16
✓	07/02/09	9:16	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-14
✓	07/02/09	9:16	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-14
✓	07/02/09	9:16	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000092-15
✓	07/02/09	9:16	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-14
✓	07/02/09	9:16	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-14
✓	07/02/09	9:16	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-14
✓	07/02/09	9:16	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000092-16

General Notes

Size: 1Split sample were collected with the supervisor of the local comune aqua supply and his contractors and TtNUS at this location. The sample was collected from the kitchen tap after collecting metals and cyanide. TtNUS collected 2) 250 ml bottles one preserved with HNO3 for metals and one preserved with NaOH for cyanide the commune only took 1) 250 ml bottle preserved with HNO3 for both metals and cyanide. The tap was than flamed using alcohal and a cotton ball for 5 seconds. The aerator was removed and the system was purged for 5 minutes. Bacteria was collected mext TtNUS collected one (1) liter poly spiked with Sodium Thiosulfate. They collected (1) 500 ml poly preserved with Sodium Thiosulfate. Voc's were collected by TtNUS using (3) VOA Vials spiked with HCl They used (3) 250 ml brown poly bottles for there sample with no spike. Dioxin/furrans were the last of the split samples TtNUS collected (2) one liter amber glass bottles. They collected (1) one liter poly for there analysis. The last split sample was collected for Anions. They collected (1) 250 amber poly unspiked and TtNUS collected (1) 250 ml clear poly with no preservative. In addition TtNUS collected (3) two liter bottles for Rad analysis which was not split with them.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1737WM001**	Sampler:	Terry Rojahn
Location:	1737	Sample Date:	07/02/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	x	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Not Known	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa Di Briano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:05	10:18	13	Clear	6.94	0.942	4.53	0.0	22.11	496	0.03	TDS = 0.592 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/02/09	10:18	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-14
✓	07/02/09	10:18	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-14
✓	07/02/09	10:18	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-14
✓	07/02/09	10:18	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-14
✓	07/02/09	10:18	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-14
✓	07/02/09	10:18	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000092-15
✓	07/02/09	10:18	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000092-16
✓	07/02/09	10:18	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	2	Plastic - PE	2L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000092-16

General Notes

Size: 3Thre sample was collected from a public fountain/spigot in the front of the Piazza San Pio De Pietrelcina. Tetra Tech NUS (TtNUS) collected the metals (1) 250 ml poly spiked with HNO3 and cyanide (1) 250 ml poly spiked with NaOH first. The water supply people collected 1 250 ml poly for both metals and cyanide preserved with HNO3. The tap was flamed with a small blow tourch for 10 seconds and purging was begin. After 5 minutes bacteria was collected they used 500 ml preserved with sodium Thiosulfate TtNUS took a one 1 liter. VOC samples were collected next They used 3) brown 250 poly bottles unspiked
TTNUS used (3) 40 ml VOA vials preserved with HCL. They collected 1 500 ml poly for Dioxin/Furrans TtNus collected (2) 1 liter amber glass for that analysis. Anions were the last to be split. They collected 1 250ml amber poly with no preservative. TtNUS collected 1 250 ml clear poly with no preservative
TtNUS also collected (3) 2 liter poly's preserved with HNO3 for Rad parameters which were not split.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1887TW003**	Sampler:	Katie Conrad
Location:	1887	Sample Date:	01/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
9:10	9:15	5	Clear	6.71	0.9	3.37	5	11.01	274	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/16/09	9:15	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-13

General Notes

Size: 1Performed the chlorine test twice and got the same results. The LL stated that the water treatment plant is far from the house.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1919TW001**	Sampler:	Robin Clark
Location:	1919	Sample Date:	01/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Arco Felice

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:30	09:35	5	Clear	7.07	0.808	9.30	8.8	9.27	456	0.0	TDS = 0.52 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/09/09	9:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	9:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	9:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-11
✓	01/09/09	9:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	9:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-12
✓	01/09/09	9:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-12
✓	01/09/09	9:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-12
✓	01/09/09	9:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-12
✓	01/09/09	9:30	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-12

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1930TW001**	Sampler:	Robin Clark
Location:	1930	Sample Date:	12/18/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:00	11:05	5	Clear	7.51	0.50	7.74	38	12.45	585	0.0	TDS = 0.32 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/18/08	11:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-7
✓	12/18/08	11:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:00	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-7
✓	12/18/08	11:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-8

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1940TW001**	Sampler:	Robin Clark
Location:	1940	Sample Date:	01/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Parete

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:09	11:14	5	Clear	7.29	0.638	9.25	8.8	10.69	250	0.0	TDS = 0.41 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/09/09	11:09	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-12
✓	01/09/09	11:09	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	11:09	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	500ml	None	ED00000092-12
✓	01/09/09	11:09	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-12
✓	01/09/09	11:09	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	11:09	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	500ml	None	ED00000092-12
✓	01/09/09	11:09	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-11
✓	01/09/09	11:09	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-12
✓	01/09/09	11:09	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-12

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1941TW001**	Sampler:	Robin Clark
Location:	1941	Sample Date:	12/15/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Monte Di Procida

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
09:25	09:30	5	Clear	7.20	0.86	7.30	0	14.06	350	0.0	TDS = 0.55 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/15/08	9:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-1
✓	12/15/08	9:25	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	9:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-1
✓	12/15/08	9:25	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	9:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	9:25	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-1
✓	12/15/08	9:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-2
✓	12/15/08	9:25	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-1
✓	12/15/08	9:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-1

General Notes

Size: 1Additional sampler: Simona Campobasso

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1942TW001**	Sampler:	Robin Clark
Location:	1942	Sample Date:	01/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Succivo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:30	12:35	5	Clear	7.17	0.925	8.65	4.4	13.40	548	0.0	TDS = 0.59 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/09/09	12:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	12:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-11
✓	01/09/09	12:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-12
✓	01/09/09	12:30	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-12
✓	01/09/09	12:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	12:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-12
✓	01/09/09	12:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	500ml	None	ED00000092-12
✓	01/09/09	12:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	500ml	None	ED00000092-12
✓	01/09/09	12:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-12

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1943TW001**	Sampler:	Robin Clark
Location:	1943	Sample Date:	12/15/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzuoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:00	11:05	5	Clear	7.39	0.78	7.25	0	14.08	533	0	TDS: 0.50g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/15/08	11:00	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-1
✓	12/15/08	11:00	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-1
✓	12/15/08	11:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	11:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-1
✓	12/15/08	11:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	11:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-2
✓	12/15/08	11:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	11:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-1
✓	12/15/08	11:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-1

General Notes

Size: 1additional sampler: Simona Campobasso

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1945TW001**	Sampler:	Chuck Conrad
Location:	1945	Sample Date:	12/16/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:25	12:30	5	Clear	7.32	0.639	9.87	2.4	13.59	536	0.0	TDS=041 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/16/08	12:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	12:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	12:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	12:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	12:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	12:30	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-3
✓	12/16/08	12:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-4
✓	12/16/08	12:30	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-3
✓	12/16/08	12:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-3

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1946TW001**	Sampler:	Chuck Conrad
Location:	1946	Sample Date:	12/17/08
QC Duplicate ID:	N/A	MS/MSD:	MS/MSD

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Trentola Ducenta

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:30	09:35	5	Clear	7.07	0.668	7.60	0.5	13.49	403	0.02	TDS = 0.428 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/17/08	9:35	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	9	Glass - Amber	1L	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	3	Plastic - PE	250ml	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	3	Plastic - PE	250ml	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	9	Glass - Clear	40ml vials	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	3	Plastic - PE	1L	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	MS/MSD completed.	ED00000092-6
✓	12/17/08	9:35	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	6	Glass - Amber	1L	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	6	Glass - Amber	1L	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	Anions	SW-846 9056/Lab SOPs M1505	4°C	3	Plastic - PE	250ml	MS/MSD completed.	ED00000092-5

General Notes

Size: 2MS/MSD done at this house. Labels do not have "MS/MSD done" on them.
Well and Holding Tank on site but not connected to water system.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1947TW001**	Sampler:	Robin Clark
Location:	1947	Sample Date:	12/17/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzuoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:40	09:45	5	Clear	7.11	0.61	725	3	13.26	484	0	TDS - 0.39 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/17/08	9:40	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-5
✓	12/17/08	9:40	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	9:40	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-5
✓	12/17/08	9:40	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	9:40	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-6
✓	12/17/08	9:40	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	9:40	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	9:40	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	9:40	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-5

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1960TW001**	Sampler:	Chuck Kelly
Location:	1960	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Teverola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:20	11:25	5	Clear	7.37	0.513	8.92	0.0	12.10	527	0.02	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	11:20	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9
✓	12/19/08	11:20	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	11:20	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	11:20	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	11:20	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	11:20	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	11:20	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	11:20	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	11:20	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10

General Notes

Size: 1parco coordinates N: 40.99215 E: 14.21239

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1963TW001**	Sampler:	Patrick Leonard
Location:	1963	Sample Date:	12/15/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:20	09:25	5	Clear	7.28	0.99	9.16	2.1	13.19	291	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/15/08	9:25	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-1
✓	12/15/08	9:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	500ml	None	ED00000092-1
✓	12/15/08	9:25	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	9:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-2
✓	12/15/08	9:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	500ml	None	ED00000092-1
✓	12/15/08	9:25	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	9:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-1
✓	12/15/08	9:25	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-1
✓	12/15/08	9:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-1

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1964TW001**	Sampler:	Chuck Conrad
Location:	1964	Sample Date:	12/16/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Water Softener	System Bypass for Sampling	N
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Monterususciello

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:40	13:45	5	Clear	7.37	0.852	9.64	0.0	13.85	491	0.0	TDS = 0.54 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/16/08	13:45	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	13:45	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-3
✓	12/16/08	13:45	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	13:45	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	13:45	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	13:45	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	13:45	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-3
✓	12/16/08	13:45	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	13:45	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-4

General Notes

Size: 1Well present in Parco complex. Used soley for lawn use throughout the Parco.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1965TW001**	Sampler:	Chuck Conrad
Location:	1965	Sample Date:	12/17/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:53	11:58	5	Clear	7.09	0.695	8.28	0.0	14.36	540	0.02	TDS = 0.445 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/17/08	11:58	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	11:58	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-5
✓	12/17/08	11:58	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	11:58	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	11:58	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	11:58	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-5
✓	12/17/08	11:58	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-6
✓	12/17/08	11:58	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	11:58	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-5

General Notes

Size: 1No well on property. Holding tank and pressure vessel not connected to water system.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1966TW001**	Sampler:	Robin Clark
Location:	1966	Sample Date:	12/17/08
QC Duplicate ID:	FD121708-01	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:09	11:14	5	Clear	7.53	0.58	7.48	2	13.24	459	0.0	TDS = 0.37 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/17/08	11:09	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	11:09	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-5
✓	12/17/08	11:09	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	11:09	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	11:09	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	11:09	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	11:09	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-6
✓	12/17/08	11:09	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	11:09	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-5

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1967TW001**	Sampler:	Katie Conrad
Location:	1967	Sample Date:	12/18/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
9:30	9:35	5	Clear	7.23	0.486	10.62	0	12.13	532	0.0	TDS = 0.32 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/18/08	9:35	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-7
✓	12/18/08	9:35	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-8
✓	12/18/08	9:35	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-7
✓	12/18/08	9:35	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	9:35	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	9:35	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	9:35	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	9:35	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	9:35	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-7

General Notes

Size: 1Bypassed the holding tank for sampling.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1968TW001**	Sampler:	Katie Conrad
Location:	1968	Sample Date:	12/18/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Graciano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:25	11:30	5	Clear	7.10	0.976	8.08	12.3	12.64	502	0	TDS = 0.62 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/18/08	11:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-8
✓	12/18/08	11:30	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-7
✓	12/18/08	11:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-7
✓	12/18/08	11:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-7

General Notes

Size: 2There is a holding tank which was cleaned a week ago. However
the tank is empty and has never been used. It was purchased just in case they needed to use it. The building has good water pressure. The tank is currently bypassed.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1969TW001**	Sampler:	Chuck Conrad
Location:	1969	Sample Date:	12/18/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Largo Patria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:50	11:55	5	Clear	7.50	0.363	7.88	0.0	13.32	570	0.01	TDS = 0.236 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/18/08	11:55	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:55	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-8
✓	12/18/08	11:55	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:55	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:55	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:55	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:55	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-7
✓	12/18/08	11:55	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-7
✓	12/18/08	11:55	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-7

General Notes

Size: 2Hold tank connected to system and filled with water. It is only used during times of loss of city water or low water pressure. The tank was cleaned and disenfected with bleach on Dec-10
2008.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1970TW001**	Sampler:	Terry Rojahn
Location:	1970	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Teuerola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:20	12:25	5	Clear	7.27	0.683	7.25	0	13.42	346	0.02	TDS = 0.437 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	12:25	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9
✓	12/19/08	12:25	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	12:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	12:25	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	12:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	12:25	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	12:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	12:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	12:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10

General Notes

Size: 1none

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1971TW001**	Sampler:	Robin Clark
Location:	1971	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:07	11:12	5	Clear	7.21	0.98	6.70	17	14.46	595	0.0	TDS = 0.63 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	11:07	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10
✓	12/19/08	11:07	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	11:07	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	11:07	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	11:07	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	11:07	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	11:07	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	11:07	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	11:07	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9

General Notes

Size: 1Lee Robertson (Tt) and Carlo Autiero (SI)

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1980TW001**	Sampler:	Robin Clark
Location:	1980	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:30	09:35	5	Clear	7.23	0.75	7.39	12	13.08	523	0.0	TDS = 0.48 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	9:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10
✓	12/19/08	9:30	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9
✓	12/19/08	9:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	9:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9

General Notes

Size: 1Lee Robertson (Tt) and Carlo Autiero (SI)

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0010TW001**	Sampler:	William Olson
Location:	0010	Sample Date:	03/18/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Arco Felice

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:00	11:05	5	Clear	7.31	0.79	9.91	3.1	13.71	480	0.0	TDS: 0.51g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/18/09	10:57	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-136
✓	03/18/09	10:57	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-135
✓	03/18/09	10:57	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-135
✓	03/18/09	10:57	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-135
✓	03/18/09	10:57	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-135
✓	03/18/09	10:57	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-138
✓	03/18/09	10:57	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-138
✓	03/18/09	10:57	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-135

General Notes

Size: 3House on city water
water meter checked
1000L metal holding tank on property. No well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0021TW001**	Sampler:	James Goerdt
Location:	0021	Sample Date:	03/09/09
QC Duplicate ID:	FDTW030909-01	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzuoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:51	10:56	5	Clear	6.98	0.765	7.62	0.0	14.26	553	0.02	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/09/09	11:00	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-119
✓	03/09/09	11:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-118
✓	03/09/09	11:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-117
✓	03/09/09	11:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-117
✓	03/09/09	11:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-117
✓	03/09/09	11:00	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-119
✓	03/09/09	11:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-117
✓	03/09/09	11:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-117

General Notes

Size: 1Public water only. Collected from upstairs apartment in kitchen. Field duplicate FDTW030909-01.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0024TW001**	Sampler:	William Olson
Location:	0024	Sample Date:	03/21/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzuoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:37	10:42	5	Clear	7.20	0.844	8.29	12.9	9.54	317	0.0	TDS: 0.54g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/21/09	10:35	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-145
✓	03/21/09	10:35	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-146
✓	03/21/09	10:35	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-146
✓	03/21/09	10:35	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-146
✓	03/21/09	10:35	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-146
✓	03/21/09	10:35	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-146
✓	03/21/09	10:35	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-144
✓	03/21/09	10:35	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-145

General Notes

Size: 3House on city water
water meter checked
1000L metal holding tank on property. No well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0082TW001**	Sampler:	Chuck Conrad
Location:	0082	Sample Date:	02/25/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzuoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:25	10:30	5	Clear	7.28	0.79	7.25	1	11.99	611	0.0	TDS= 0.51 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/25/09	10:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-96
✓	02/25/09	10:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-96
✓	02/25/09	10:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-96
✓	02/25/09	10:30	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-97
✓	02/25/09	10:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-96
✓	02/25/09	10:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-95
✓	02/25/09	10:30	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-97
✓	02/25/09	10:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-96

General Notes

Size: 2House on city water
water meter checked. No well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0085TW001**	Sampler:	Katie Conrad
Location:	0085	Sample Date:	03/03/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Arco Felice

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:50	14:55	5	Clear	7.39	0.77	6.86	5	14.48	582	0.0	TDS = 0.49 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/03/09	14:55	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-111
✓	03/03/09	14:55	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-109
✓	03/03/09	14:55	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-109
✓	03/03/09	14:55	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-108
✓	03/03/09	14:55	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-109
✓	03/03/09	14:55	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-109
✓	03/03/09	14:55	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-109
✓	03/03/09	14:55	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-108

General Notes

Size: 24-story white duplex home
House is on city water. Working water meter located at Parco entrance. Turned water on to check meter. Water was shut off at the meter and flow stopped at the faucet therefore it is city water only. The holding tank was not connected to the house. LL says that the water pressure is good and there is no need for the holding tank (metal 3000L). No well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0104TW001**	Sampler:	Katie Conrad
Location:	0104	Sample Date:	01/27/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Aversa (Maybe Giugliano)

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:00	14:05	5	Clear	7.19	0.32	7.57	3.0	12.26	482	0.0	TDS: 0.21g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/27/09	14:05	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-52
✓	01/27/09	14:05	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-52
✓	01/27/09	14:05	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-52
✓	01/27/09	14:05	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-52
✓	01/27/09	14:05	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-52
✓	01/27/09	14:05	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-52
✓	01/27/09	14:05	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-50

General Notes

Size: 5House is on city water
water meter checked
no holding tank. No well.
4-story
yellow apartment building with gray balconies.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0114TW002**	Sampler:	Keith Simpson
Location:	0114	Sample Date:	04/18/09
QC Duplicate ID:	FD041809-01	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Aversa/Urbane

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
09:17	09:22	5	Clear	7.28	0.885	9.42	1.8	17.72	330	0.0	TDS: 0.57g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/18/09	9:22	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-195
✓	04/18/09	9:22	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-195

General Notes

Size: 3House is on city water
water meter checked
no holding tank. No well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0114TW001**	Sampler:	Patrick Leonard
Location:	0114	Sample Date:	12/13/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Aversa/Urbane

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:15	10:20	5	Clear	7.38	0.895	10.21	0	12.99	541	0.0	TDS: 0.57 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/13/08	10:20	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	500ml	None	ED00000090-9
✓	12/13/08	10:20	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-9
✓	12/13/08	10:20	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-9
✓	12/13/08	10:20	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-9
✓	12/13/08	10:20	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-9
✓	12/13/08	10:20	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	500ml	None	ED00000090-9
✓	12/13/08	10:20	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	500ml	None	ED00000090-9
✓	12/13/08	10:20	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-8
✓	12/13/08	10:26	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-9

General Notes

Size: 8House on city water
water meter checked
no holding tank. No well.
Third floor apartment. Bldg. has a basement storage area used by owner for stores on ground floor. Tenant handed soil-gas info pack and consent form.
Gas station next door. Possible plume issues. Garage floor is tiled
but there is a two foot section just at the juncture between sloped driveway and tiled floor of garage. This unfinished section is underneath bldg but may not be part of actual slab. Tenant presented consent form to Landlord in presence of sampling team. Landlord was willing to allow soil-gas sampling at indicated location.
Property has no associated lawn area. Mostly cemented area for parking for ground floor stores.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0143TW002**	Sampler:	Chuck Meyer
Location:	0143	Sample Date:	08/18/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Bacoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:20	11:25	5	Clear	7.03	0.694	6.62	0.0	26.10	465	0.02	TDS: 0.445g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	08/18/09	11:25	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	2	Plastic - PE	2L	None	ED00000090-271
✓	08/18/09	11:25	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	ED00000090-271

General Notes

Size: 1The house on city water according both the tenant and the land lord. There was a well on the property but it was used for geothermal heat and was not connected to the distribution system.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0151TW002**	Sampler:	Chuck Meyer
Location:	0151	Sample Date:	05/15/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Bacoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:50	15:00	10	Clear	7.09	0.743	6.55	0.5	20.89	538	0.02	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/15/09	15:00	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-229
✓	05/15/09	15:00	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-229

General Notes

Size: 1The sample was collected from the kitchen tap after removing the aerator and purging for 10 minutes. The tenant did not know where her water meter was but she thought that she was on public water. After getting the chlorine results it looks like she is correct however cannot be absolutely sure. The water appeared to be clear with no odor. After sampling personnel observed a well outside the house used for irrigation only for the fruit trees and garden area by the land lord.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0167TW001**	Sampler:	James Goerdt
Location:	0167	Sample Date:	03/23/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Bacoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:55	15:00	5	Clear	6.89	0.762	6.47	0.0	19.33	572	0.02	TDS = 0.488 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/23/09	15:05	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-148
✓	03/23/09	15:05	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-146
✓	03/23/09	15:05	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-146
✓	03/23/09	15:05	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-146
✓	03/23/09	15:05	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-154
✓	03/23/09	15:05	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-146
✓	03/23/09	15:05	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-154
✓	03/23/09	15:05	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-146

General Notes

Size: 3No valve at water meter
but were able to confirm water flow by movement of dial while turning water on and off in kitchen. No holding tank. Private well on site
but it has not been used in approximately 7 months. Well pump is broken and had not been repaired. Its use was for irrigation and gardening.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0168TW001-NS**	Sampler:	Steve Cooper
Location:	0168	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Bacoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A

General Notes

Size: 1No tap water sample was collected because as per protocol no soil-gas sample was collected. Sample team arrived and interviewed LL. During the interview process for sampling it was determined that this person owned a single apartment (4th floor) in the building and not the whole property. According to this person there is 7 other LL who own apartments in this building. At the time of the appointment there was no chance to get the other LL's signatures. Sample team looked for a soil gas sampling location and determined that a sub-slab was not possible but a near-slab might be possible in the front but would need input from LLs about certain utility lines (water) in area of potential sampling. Bldg is surrounded on two sides by vehicle thoroughfares and the frontage having a small covered courtyard that might be a possible sampling location. The fourth side is also used for parking and may have limited traffic. Utility lines surround bldg on three sides within approx. 4 ft. of foundation. The front has water lines but sample team feels certain that a sample location closer than 4 ft could be found.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0171TW002**	Sampler:	Chuck Meyer
Location:	0171	Sample Date:	07/06/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Bacoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:58	11:08	10	Clear	7.22	0.710	6.89	0.0	26.30	210	0.02	TDS = 0.454 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/06/09	11:08	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-269
✓	07/06/09	11:08	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	2	Plastic - PE	2L	None	ED00000090-269

General Notes

Size: 1The sample was collected from the kitchen tap after removing the aerator and allowing the system to purge for 10 minutes. According to the landlord and the tenant the home is on public water. The water was clear with no apparent odor present. The water meter was working but if you switch it off it shuts water off to the whole building.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0180TW001**	Sampler:	James Goerdt
Location:	0180	Sample Date:	03/20/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Bagnoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:00	11:05	5	Clear	7.13	0.608	6.97	0.4	15.23	461	0.01	TDS = 0.389 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/20/09	11:07	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-145
✓	03/20/09	11:07	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-142
✓	03/20/09	11:07	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-142
✓	03/20/09	11:07	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-143
✓	03/20/09	11:07	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-145
✓	03/20/09	11:07	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-142
✓	03/20/09	11:07	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-142
✓	03/20/09	11:07	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-142

General Notes

Size: 1Each of the apartments has its own water meter located in the driveway near the street. We were able to shut off the valve to Apartment #11 which in turn shut off water to the apartment. No holding tank or private well on premises.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0198TW001**	Sampler:	Robin Clark
Location:	0198	Sample Date:	01/10/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Carinaro

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:30	11:35	5	Clear	7.03	0.98	8.48	7.4	12.19	556	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/10/09	11:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-20
✓	01/10/09	11:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-22
✓	01/10/09	11:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-22
✓	01/10/09	11:30	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-22
✓	01/10/09	11:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-22
✓	01/10/09	11:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-22
✓	01/10/09	11:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-22
✓	01/10/09	11:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-22
✓	01/10/09	11:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-22

General Notes

Size: 3House on city water
working water meter
private well onsite for gardening and swimming pool

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0200TW001**	Sampler:	Chuck Meyer
Location:	0200	Sample Date:	05/18/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casagiove

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:41	09:52	11	Clear	7.36	0.244	9.33	0.0	22.25	362	0.00	TDS: 0.159g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/18/09	9:37	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-228
✓	05/18/09	9:37	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-224
✓	05/18/09	9:37	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-224
✓	05/18/09	9:37	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-224
✓	05/18/09	9:37	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-225
✓	05/18/09	9:37	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-228
✓	05/18/09	9:37	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-224
✓	05/18/09	9:37	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-224

General Notes

Size: 1The sample was collected (inorganics collected prior to aerator removal and purging as per the SOP) from the kitchen tap after removing the aerator prior to flaming the tap. The water was clear with no apparent odor. The house was supplied with public water. There was a water meter onsite but it is not currently working. All utility vault covers and areas where a well could have been put in where investigated and none were found. There was no well onsite a neighbor was questioned as to the source of supply. She indicated she was on public water and knew of no families on wells in the area. A pump house or booster station was located across the street from the residence and is used by the public water authorities.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0214TW004**	Sampler:	Chuck Meyer
Location:	0214	Sample Date:	05/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
15:10	15:23	13	Clear	7.00	1.07	3.32	1.4	24.62	253	0.03	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/16/09	15:23	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-229
✓	05/16/09	15:23	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-229

General Notes

Size: 1The sample was collected from the outside spigot which is connected to the well. The original sample 0214TW001 was collected from the well due to a problem with the public water system. The system can use either the well or public water by switching a ball valve. The previous resamples for bacteria 0214TW002 and 0214TW003 were collected from the kitchen tap which was and still is running on the public water system. The outside spigots are used for irrigation and are almost always connected to well.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0250TW002-NS**	Sampler:	Chuck Meyer
Location:	0250	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Casal Di Princile

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A
✖	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	None	N/A

General Notes

Size: 1Upon arrival personnel met with the land lord. He indicated that at the time of the original sampling the system was inadvertently blended by the tenant who had turned on the well water to water the garden and forgot to turn it off. Currently the house is serviced by public water as referenced by information in the file from the public water company. The landlord indicated that he had disconnected the ground water pump so that this would not happen again. Personnel observed the switching off of the public water and switching on of the well to the outside spigot. No water was running at the spigot. Turned the public water back on and allowed water to run to all the spigots. No sample was collected from this location as the intent was to sample well water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0266TW002**	Sampler:	Chuck Meyer
Location:	0266	Sample Date:	05/22/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:05	14:15	10	Clear	7.22	0.863	4.26	0.0	25.94	312	0.02	TDS = 0.553 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/22/09	14:15	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-235
✓	05/22/09	14:15	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-235

General Notes

Size: 1The landlord indicated he was on public water however the holding tank could not be by past. Upon purging the system the 1000 liter holding tank was filling and could be heard and felt water coming from the public water line but the water meter was not running. There were three lines running from the pump into a manifold system. One went to the house the second went to an outside spigot and the third went from the well to a second outside spigot. The well was controlled by a ball valve which when turned on allowed the spigot to flow. The well is to be used as a backup water supply in case of public water supply problems. If the public water supply system has problems the well can be used to supply the house by turning the ball valve.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0266IW001**	Sampler:	Chuck Meyer
Location:	0266	Sample Date:	05/22/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principle

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:38	14:48	10	Clear	7.50	0.857	8.04	3.6	23.98	407	0.02	TDS: 0.549g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/22/09	14:48	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-235
✓	05/22/09	14:48	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-235

General Notes

Size: 1The landlord indicated he was on public water however the holding tank could not be by past. Upon purging the system the 1000 liter holding tank was filling and could be heard and felt water coming from the public water line but the water meter was not running. There were three lines running from the pump into a manifold system. One went to the house the second went to an outside spigot and the third went from the well to a second outside spigot. The well was controlled by a ball valve which when turned on allowed the spigot to flow. The sample was collected from the outside spigot which is fed by the well. The well is to be used for irrigation but can be used as a backup water supply in case of public water supply problems. If the public water supply system has problems the well can be used to supply the house by turning the ball valve.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0266TW001**	Sampler:	Robin Clark
Location:	0266	Sample Date:	01/10/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:30	14:35	5	Clear	7.49	0.850	9.62	20.3	10.99	499	0.0	TDS = 0.54 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/10/09	14:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-22
✓	01/10/09	14:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-22
✓	01/10/09	14:10	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	8	Plastic - PE	1L	None	ED00000090-22
✓	01/10/09	14:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-22
✓	01/10/09	14:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-22
✓	01/10/09	14:10	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-22
✓	01/10/09	14:10	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-20
✓	01/10/09	14:10	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-22
✓	01/10/09	14:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-22

General Notes

Size: 4No soil to sample at this location. House on city water
1000L holding tank on property.
Well onsite - Piping in direction of holding tank
took extra rad bottles.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0283TW003-NS**	Sampler:	John Wright
Location:	0283	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	None	N/A
✘	N/A	N/A	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A

General Notes

Size: 1Sample planned for 5/27/09. Sample not collected and marked as "CNX" on schedule.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0302TW001**	Sampler:	William Olson
Location:	0302	Sample Date:	03/23/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:24	13:29	5	Clear	7.11	1.25	5.05	53.3	14.44	346	0.1	TDS: 0.8 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/23/09	13:23	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-148
✓	03/23/09	13:23	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-146
✓	03/23/09	13:23	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-146
✓	03/23/09	13:23	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-146
✓	03/23/09	13:23	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-146
✓	03/23/09	13:23	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-154
✓	03/23/09	13:23	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-154
✓	03/23/09	13:23	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-146

General Notes

Size: 1House is on well water. 1000L plastic holding tank on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0376TW001**	Sampler:	Robin Clark
Location:	0376	Sample Date:	02/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:00	14:05	5	Clear	6.97	0.99	9.01	25.3	9.32	459	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/16/09	14:00	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-90
✓	02/16/09	14:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-81
✓	02/16/09	14:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-81
✓	02/16/09	14:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-81
✓	02/16/09	14:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-79
✓	02/16/09	14:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-81
✓	02/16/09	14:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-81
✓	02/16/09	14:00	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-90

General Notes

Size: 2House on city water
water meter checked. no well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0409TW002-NS**	Sampler:	John Wright
Location:	0409	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A

General Notes

Size: 1Sample planned for 2/20/2009. Sample not collected and marked as "CNX" on schedule. Schedule noted as electricity was off and waiting for landlord decision.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0440TW003-NS**	Sampler:	John Wright
Location:	0440	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A
✘	N/A	N/A	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A

General Notes

Size: 1Sample planned for 5/12/2009. Sample not collected and marked as "CNX" on schedule.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0457TW003**	Sampler:	Chuck Meyer
Location:	0457	Sample Date:	05/13/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:19	14:29	10	Clear	7.29	0.994	8.59	0.0	24.71	191	0.03	TDS: 0.636g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/13/09	14:29	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-223
✓	05/13/09	14:29	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-223

General Notes

Size: 1The sample was collected from the kitchen tap after removing the aerator. There was no screen in the aerator. The system was purged for 10 minutes prior to collecting the samples. The system was still connected to the well as with previous sampling activities. The water was clear and no sand was noted in the aerator.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0459TW001**	Sampler:	Chuck Conrad
Location:	0459	Sample Date:	01/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
15:23	15:28	5	Clear	7.20	0.804	7.07	0.0	15.14	397	0.02	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/16/09	15:28	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-34
✓	01/16/09	15:28	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-34
✓	01/16/09	15:28	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-34
✓	01/16/09	15:28	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-34
✓	01/16/09	15:28	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-34
✓	01/16/09	15:28	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-34
✓	01/16/09	15:28	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-34
✓	01/16/09	15:28	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-34
✓	01/16/09	15:28	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-29

General Notes

Size: 1Sampled public water system. 1000 L plastic holding tank in system that could be isolated. Well on property completely isolated and cemented over.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0460TW001**	Sampler:	James Goerdt
Location:	0460	Sample Date:	03/18/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
15:12	15:17	5	Clear	7.16	0.888	6.59	0.3	18.16	527	0.02	TDS = 0.569 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/18/09	15:20	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-136
✓	03/18/09	15:20	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-138
✓	03/18/09	15:20	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-135
✓	03/18/09	15:20	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-135
✓	03/18/09	15:20	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-135
✓	03/18/09	15:20	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-135
✓	03/18/09	15:20	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-135
✓	03/18/09	15:20	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-138

General Notes

Size: 1Property does have a private well but it is not hooked up. There is a 250 gallon water holding tank in the garage made of polyethylene. Water meter is in the street and although there was no shut off valve at the meter we were able to shut the water off at the egress of the holding tank which in turn shut off the water flow at the kitchen faucet indicating that no other source of water supplies the house. Water at the house had not previously been used in nearly one year.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0476TW002-NS**	Sampler:	Chuck Meyer
Location:	0476	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	None	N/A
✘	N/A	N/A	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A

General Notes

Size: 105/21/09 - 0900 scheduled sampling event at location 0476. Tap Water radiation speciation sample was not collected. Landlord no longer renting to Navy and house is now rented to Italian tenant. Future sampling at this location is cancelled.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0479TW001**	Sampler:	Robin Clark
Location:	0479	Sample Date:	01/14/09
QC Duplicate ID:	FDTW011409-01	MS/MSD:	MS/MSD

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Nuovo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:46	12:51	5	Clear	7.57	0.457	9.36	9.39	11.71	513	0.0	TDS = 0.30 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/14/09	12:46	Anions	SW-846 9056/Lab SOPs M1505	4°C	3	Plastic - PE	250ml	includes QC - run MS/MSD	ED00000090-23
✓	01/14/09	12:46	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-24
✓	01/14/09	12:46	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	6	Glass - Amber	1L	includes QC - run MS/MSD	ED00000090-23
✓	01/14/09	12:46	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	6	Glass - Amber	1L	includes QC - run MS/MSD	ED00000090-23
✓	01/14/09	12:46	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-23
✓	01/14/09	12:46	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	9	Glass - Amber	1L	includes QC - run MS/MSD	ED00000090-23
✓	01/14/09	12:46	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	9	Glass - Clear	40ml vials	includes QC - run MS/MSD	ED00000090-23
✓	01/14/09	12:46	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	3	Plastic - PE	250ml	includes QC - run MS/MSD	ED00000090-23
✓	01/14/09	12:46	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	3	Plastic - PE	250ml	includes QC - run MS/MSD	ED00000090-23

General Notes

Size: 3House is on city water. Water meter was inaccessible - but there was no well.
LL turned water on just prior to sampling. We let it run for 5-10 minutes to clear out pipes.
No aerator - just a collar and gasket - which were removed for sampling after cyanide and metals were collected.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0488TW002**	Sampler:	Chuck Meyer
Location:	0488	Sample Date:	07/03/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casapesenna

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
17:55	18:04	9	Clear	7.04	1.23	10.35	0.0	19.38	239	0.03	TDS = 0.783

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/03/09	18:05	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	2	Plastic - PE	2L	None	ED00000090-269
✓	07/03/09	18:05	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-269

General Notes

Size: 1The sample was collected from an outside spigot. Upon discussions with both the tenant and land lord the water supply was changed from groundwater to public water a week after our original sampling. The original sample was a groundwater sample in order to collect the same source the sample had to be collect from the outside spigot which is connected to the well and used solely for irrigation.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0488TW001**	Sampler:	Patrick Leonard
Location:	0488	Sample Date:	11/28/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Filtration	System Bypass for Sampling	N
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casapesenna

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:25	09:30	5	Clear	7.00	1.41	5.80	5.3	14.76	330	0.1	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/28/08	9:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✓	11/28/08	9:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✓	11/28/08	9:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✓	11/28/08	9:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✓	11/28/08	9:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✓	11/28/08	9:30	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✓	11/28/08	9:30	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	8	Plastic - PE	1L	None	N/A
✓	11/28/08	9:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A
✓	11/28/08	9:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A

General Notes

Size: 2House is on well water. There is a new
empty holding tank on the property that has both city and well lines leading into it. The house may be put on city water in the future.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0490TW001-NS**	Sampler:	John Wright
Location:	0490	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Casapesenna

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A
✘	N/A	N/A	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	2	Plastic - PE	2L	None	N/A
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A

General Notes

Size: 1Sample planned for 6/29/2009 and waiting for landlord consent. Sample not collected and marked as "CNX" on schedule.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0497TW002**	Sampler:	Chuck Meyer
Location:	0497	Sample Date:	06/29/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casapesenna

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:10	14:15	5	Clear	7.19	0.918	8.52	0.0	22.45	612	0.02	TDS = 0.587 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/29/09	14:20	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	2	Plastic - PE	2L	None	ED00000090-262
✓	06/29/09	14:20	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-262

General Notes

Size: 1The sample was collected from the kitchen sink after removing the aerator and allowing the system to purge for 5 minutes. The water was clear with no apparent odor present. The tenant indicated that she was on public water. This appeared to be correct due to the elevated chlorine reading at the kitchen tap.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0512TW001**	Sampler:	John Wright
Location:	0512	Sample Date:	06/10/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casapesenna

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:40	09:45	5	Clear	6.86	0.949	5.16	0.0	23.27	398	0.03	TDS = 0.607

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/10/09	9:45	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-245
✓	06/10/09	9:45	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-258
✓	06/10/09	9:45	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-245
✓	06/10/09	9:45	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-244
✓	06/10/09	9:45	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-245
✓	06/10/09	9:45	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-245
✓	06/10/09	9:45	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-258
✓	06/10/09	9:45	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-245

General Notes

Size: 6Public water source. No well remaining on property. Verification of water source performed.
Tenant stated that landlord provides bottled drinking water and public water used for filling pool
bathing
washing
etc.
No aerator present on kitchen faucet.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0539TW003**	Sampler:	Chuck Meyer
Location:	0539	Sample Date:	05/27/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casapesenna

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:20	14:30	10	Clear	6.94	1.04	5.32	0.0	25.55	192	0.03	TDS 0.664

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/27/09	14:30	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-241
✓	05/27/09	14:30	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-241

General Notes

Size: 1The sample was collected from the kitchen tap after removing the aerator and purging the system for 10 minutes. The tenant had explained that he could turn off the public water and by-pass the holding tank and go directly to ground water for the house and outside spigots with a switch. To test this personnel shut down power to both the well and public water supply. No water flowed under that condition. Then the switch for the public water was turned on. The water to the outside spigots as well as the kitchen sink turned on. Then the public water switch was turned off and the well was turned on. The water ran to outside spigots and the kitchen sink. The tenant indicated during periods of low pressure or when the public water system was having problems he could bypass the system and run on the groundwater alone. He indicated that he had not had to do that yet but it was an option. He currently uses the well when washing the car and or watering the garden. After sampling from the kitchen tap from the well and getting a chlorine reading of 0.1 personnel ran a chlorine on the outside spigot closest to the holding tank switching back to the public water and came up with 0.3 on the chlorine test indicating that the holding tank was probably by passed by the well.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0551TW001**	Sampler:	Robin Clark
Location:	0551	Sample Date:	02/11/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Caserta

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
13:35	13:40	5	Clear	6.9	0.321	10.41	15.3	11.62	551	0.0	TDS = 0.21 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/11/09	13:35	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-75
✓	02/11/09	13:35	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-75
✓	02/11/09	13:35	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-73
✓	02/11/09	13:35	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-75
✓	02/11/09	13:35	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-75
✓	02/11/09	13:35	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-75
✓	02/11/09	13:35	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-75

General Notes

Size: 3House on city water
no holding tank
no well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0552TW001**	Sampler:	Robin Clark
Location:	0552	Sample Date:	02/02/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Caserta

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:00	14:05	5	Clear	7.76	0.38	10.58	0.0	11.13	566	0.0	TDS = 0.25 G/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/02/09	14:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-56
✓	02/02/09	14:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-56
✓	02/02/09	14:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-55
✓	02/02/09	14:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-56
✓	02/02/09	14:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-56
✓	02/02/09	14:00	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-56
✓	02/02/09	14:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-56

General Notes

Size: 3House on city water
no holding tank
no well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0553TW001-NS**	Sampler:	Patrick Leonard
Location:	0553	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Casoria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✘	N/A	N/A	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A

General Notes

Size: 102/28/2009 scheduled for sampling. No sample taken. Tap water and soil samples not taken due to sample location being incompatible with soil-gas sampling parameters. Garden was approx. 15 ft away from foundation and entire area was tiled or covered with marble. Underground garage was also tiled with a marble like material.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0564TW001**	Sampler:	Steve Cooper
Location:	0564	Sample Date:	03/12/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Castel Volturno

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:15	09:20	5	Clear	6.82	0.732	9.90	63.9	12.96	440	0.0	Chlorine is present in Tap Water. Kit reading was 1.5. Divided by 5 for low range, which results to 0.3 mg/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/12/09	9:40	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-124
✓	03/12/09	9:40	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-124
✓	03/12/09	9:40	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-124
✓	03/12/09	9:40	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-125
✓	03/12/09	9:40	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-124
✓	03/12/09	9:40	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-128
✓	03/12/09	9:40	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-124
✓	03/12/09	9:40	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-128

General Notes

Size: 1Property is located within Parco- Lago Allocca. Single family Villa three (3) stories tall white stucco red metal fence and gate on three ft. (3) high stone wall. Need resident or owner to allow access to enter Parco community through entrance gate into complex. Easy access once inside Parco. Home is on city water. There is a 10000 L community holding tank that is not hooked-up. Water meter is working. Confirmed city water usage with meter movement and positive presence of chlorine in tap water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0574TW001**	Sampler:	William Olson
Location:	0574	Sample Date:	03/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Castel Volturno

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:20	11:25	5	Clear	6.83	0.777	8.00	4.2	14.60	305	0.02	TDS: 0.498 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/16/09	11:34	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-138
✓	03/16/09	11:34	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-138
✓	03/16/09	11:34	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-130
✓	03/16/09	11:34	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-131
✓	03/16/09	11:34	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-131
✓	03/16/09	11:34	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-131
✓	03/16/09	11:34	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-131
✓	03/16/09	11:34	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-131

General Notes

Size: 2House on city water
1000L poly holding tank on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0588TW001**	Sampler:	Patrick Leonard
Location:	0588	Sample Date:	11/17/08
QC Duplicate ID:	N/A	MS/MSD:	N/A

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzouli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:45	10:50	5	Clear	7.23	0.872	9.18	0	17.05	513	0.0	TDS = 0.50 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/17/08	10:54	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✓	11/17/08	10:54	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✓	11/17/08	10:54	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	N/A
✓	11/17/08	10:54	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✓	11/17/08	10:54	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A
✓	11/17/08	10:54	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✓	11/17/08	10:54	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✓	11/17/08	10:54	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✓	11/17/08	10:54	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A

General Notes

Size: 3House on city water
1000L holding tank
no well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0589TW001**	Sampler:	Robin Clark
Location:	0589	Sample Date:	02/26/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Cuma

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:26	14:31	5	Clear	7.11	0.810	9.59	4.7	9.52	515	0.0	TDS = 0.52 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/26/09	14:26	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-100
✓	02/26/09	14:26	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-100
✓	02/26/09	14:26	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-100
✓	02/26/09	14:26	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-100
✓	02/26/09	14:26	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-108
✓	02/26/09	14:26	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-108
✓	02/26/09	14:26	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-100
✓	02/26/09	14:26	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-98

General Notes

Size: 1House is on city water - water meter checked. Well on property for gardening.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0598TW001**	Sampler:	Mike Jaynes
Location:	0598	Sample Date:	03/12/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Filtration	System Bypass for Sampling	Y
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzuoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:03	11:08	5	Clear	6.98	0.712	6.71	0.0	16.28	399	0.02	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/12/09	11:09	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-128
✓	03/12/09	11:09	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-124
✓	03/12/09	11:09	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-124
✓	03/12/09	11:09	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-124
✓	03/12/09	11:09	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-128
✓	03/12/09	11:09	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-124
✓	03/12/09	11:09	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-124
✓	03/12/09	11:09	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-125

General Notes

Size: 2Sample location (kitchen sink) included a water treatment system (for filtration) but it was not connected to the main tap. According to the landlord
the treatment was for the auxillary spout/tap left of the main tap. This was verified by visual analysis of the system tubing and piping. The sample was collected from the main tap as usual. House is on city water - water meter checked.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0771TW001**	Sampler:	Katie Conrad
Location:	0771	Sample Date:	01/26/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Filtration	System Bypass for Sampling	N
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Giuliano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:10	13:15	5	Clear	7.41	0.73	7.25	0	14.59	585	0.0	TDS = 0.46 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/26/09	13:15	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/26/09	13:15	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-48
✓	01/26/09	13:15	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-48
✓	01/26/09	13:15	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-48
✓	01/26/09	13:15	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-48
✓	01/26/09	13:15	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-48
✓	01/26/09	13:15	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-48
✓	01/26/09	13:15	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-46
✓	01/26/09	13:15	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-48
✓	01/26/09	13:15	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-48
✓	01/26/09	13:15	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-47

General Notes

Size: 1Landlord is suppose to clean the holding tank today. It hasn't been cleaned since they have lived here about 4 years. House on city water

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0801TW001**	Sampler:	Robin Clark
Location:	0801	Sample Date:	02/27/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Filtration	System Bypass for Sampling	Y
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano di Aversa

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:50	09:55	5	Clear	7.08	0.883	8.99	0.0	11.16	291	0.0	TDS = 0.56 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/27/09	9:50	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-103
✓	02/27/09	9:50	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-108
✓	02/27/09	9:50	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-103
✓	02/27/09	9:50	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-103
✓	02/27/09	9:50	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-108
✓	02/27/09	9:50	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-102
✓	02/27/09	9:50	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-103
✓	02/27/09	9:50	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-103

General Notes

Size: 1Residence on city water--confirmed via tracing water lines and water meter. There is no well on property. Water lines run from main city line and split off into apartments and also head towards a 1000 L metal holding tank. Tank can not be by-passed. Line from tank reconnect to main lines entering apartment bldg and is used for keeping water pressure up to the four apartments at this location.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0813TW001**	Sampler:	Robin Clark
Location:	0813	Sample Date:	01/17/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:27	10:32	5	Clear	7.16	0.849	9.30	4.9	12.39	612	0.0	TDS = 0.54 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/17/09	10:27	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-34
✓	01/17/09	10:27	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-34
✓	01/17/09	10:27	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-32
✓	01/17/09	10:27	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-34
✓	01/17/09	10:27	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-34
✓	01/17/09	10:27	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	500ml	None	ED00000090-34
✓	01/17/09	10:27	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-34
✓	01/17/09	10:27	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-34
✓	01/17/09	10:27	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-34

General Notes

Size: 2House on city water
3000L holding tank on property. Water meter checked. Well on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0814TW001**	Sampler:	Robin Clark
Location:	0814	Sample Date:	02/23/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:38	14:43	5	Clear	7.35	0.773	9.76	22.5	12.69	574	0.0	TDS = 0.49 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/23/09	14:38	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-92
✓	02/23/09	14:38	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-92
✓	02/23/09	14:38	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-92
✓	02/23/09	14:38	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-93
✓	02/23/09	14:38	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-97
✓	02/23/09	14:38	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-92
✓	02/23/09	14:38	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-97
✓	02/23/09	14:38	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	1	Glass - Amber	1L	None	ED00000090-92

General Notes

Size: 3House on city water
2 metal holding tanks on property
no well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0820TW001-NS**	Sampler:	John Wright
Location:	0820	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Gricignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	N/A
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A

General Notes

Size: 1Sample planned for 1/14/2009 and rescheduled for 2/11/2009. Sample not collected and marked as cancelled "CNX" on schedule with service member deployed and multiple landlord issue.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0822TW001-NS**	Sampler:	James Goerdt
Location:	0822	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Gricignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A

General Notes

Size: 2Water sample was not scheduled (3/9/2009) at this location. No power ran extension from neighbor for ASG

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0827TW001**	Sampler:	John Wright
Location:	0827	Sample Date:	06/04/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:51	14:56	5	Clear	7.05	0.853	7.27	0.0	22.15	509	0.12	TDS = 0.546

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/04/09	15:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-239
✓	06/04/09	15:00	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-242
✓	06/04/09	15:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-240
✓	06/04/09	15:00	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-242
✓	06/04/09	15:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-240
✓	06/04/09	15:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-240
✓	06/04/09	15:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-240
✓	06/04/09	15:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-240

General Notes

Size: 2Public water supply.
Kitchen source where sample collected was on 1st floor. There is another kitchen on 0 floor (underneath 1st floor) interior but adjacent to garage area.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0837TW001**	Sampler:	Chuck Conrad
Location:	0837	Sample Date:	03/02/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano di Aversa

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:50	13:55	5	Clear	7.11	0.9	6.07	4	14.32	558	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/02/09	13:50	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-108
✓	03/02/09	13:50	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-108
✓	03/02/09	13:50	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-106
✓	03/02/09	13:50	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-106
✓	03/02/09	13:50	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-105
✓	03/02/09	13:50	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-106
✓	03/02/09	13:50	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-106
✓	03/02/09	13:50	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-106

General Notes

Size: 1House on public water (with working meter). Well on property only used for irrigation.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0838TW001**	Sampler:	Patrick Leonard
Location:	0838	Sample Date:	11/18/08
QC Duplicate ID:	N/A	MS/MSD:	N/A

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano Town

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:50	13:00	10	-Select-	7.14	0.98	8.66	0.0	15.60	337	0.0	TDS = 0.6

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/18/08	13:00	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✓	11/18/08	13:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✓	11/18/08	13:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✓	11/18/08	13:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	N/A
✓	11/18/08	13:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✓	11/18/08	13:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✓	11/18/08	13:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A
✓	11/18/08	13:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✓	11/18/08	13:00	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	N/A

General Notes

Size: 2Chlorine: 0 to 0.7 mg/L range HACH kit used @ 13:10. Result is 0.2 for concentration of 0.04 mg/L.
No well seen during out site walk. 2 holding tanks in garage - connected to 2 lines coming out of ground. Both lines appear to be from city lines. LL was called and did not know origin of 2nd line. Tenant was also uninformed.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0848TW001**	Sampler:	Chuck Meyer
Location:	0848	Sample Date:	04/24/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano di Aversa

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:23	10:28	5	Clear	7.03	1.02	7.66	3.7	16.28	521	0.0	TDS 0.7 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/24/09	10:28	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-214
✓	04/24/09	10:28	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-199
✓	04/24/09	10:28	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-199
✓	04/24/09	10:28	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-199
✓	04/24/09	10:28	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-199
✓	04/24/09	10:28	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-214
✓	04/24/09	10:28	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-199
✓	04/24/09	10:28	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-201

General Notes

Size: 3House on city water
1000L holding tank
no well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0882IW001**	Sampler:	Chuck Meyer
Location:	0882	Sample Date:	04/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Lago Patria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
16:25	16:30	5	Clear	7.56	0.773	7.23	0.0	19.18	280	0.02	TDS 0.496 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/16/09	16:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-187
✓	04/16/09	16:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-187
✓	04/16/09	16:25	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-187
✓	04/16/09	16:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-187
✓	04/16/09	16:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-189
✓	04/16/09	16:25	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-195
✓	04/16/09	16:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-187
✓	04/16/09	16:25	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-195

General Notes

Size: 1The IW is solely for irrigation and most likely to fill the pool where young children swim. Only the outside tap pool side is connected to the well. All other outside taps are city water and all inside taps are city water. The question to ask is would rad be a problem with young children swimming in the pool. See log for 0882TW001 for additional information about this Location ID/House and the tap water/irrigation water determination.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0882TW001**	Sampler:	Chuck Meyer
Location:	0882	Sample Date:	04/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Lago Patria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:50	14:55	5	Clear	7.25	0.386	6.41	0.0	20.18	410	0.01	tds 0.250 g/l

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/16/09	15:07	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-195
✓	04/16/09	15:07	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-187
✓	04/16/09	15:07	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-189
✓	04/16/09	15:07	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-187
✓	04/16/09	15:07	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-195
✓	04/16/09	15:07	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-187
✓	04/16/09	15:07	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-187
✓	04/16/09	15:07	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-187

General Notes

Size: 1Upon inspection of the residential water source it was determined that both municipal and private groundwater well sources existed. A holding tank connected to the municipal water source was also observed and the groundwater well water bypassed the holding tank and a backflow preventer was located at the holding tank outlet. The landlord stated that all the outside spigots were using the onsite well as their source of supply. Personnel confirmed this by running the individual spigots and checking the pump on the well to make sure it was turned on while the spigot was running and a chlorine sample was collected in addition to make sure that there was no public water in the lines before sampling. The closest spigot to the well that met the requirements was located at the outside spigot next to the pool adjacent to the road and fenced wall of the property. The well was purged approximately five minutes to verify no chlorine was present. For additional information see Sample Log Sheet for 0882IW001.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0894TW001**	Sampler:	Chuck Conrad
Location:	0894	Sample Date:	02/19/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Lago Patria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:15	12:20	5	Clear	6.15	0.47	8.79	1.2	13.59	455	0.0	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/19/09	12:20	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-84
✓	02/19/09	12:20	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-90
✓	02/19/09	12:20	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-86
✓	02/19/09	12:20	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-86
✓	02/19/09	12:20	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-90
✓	02/19/09	12:20	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-86
✓	02/19/09	12:20	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-86
✓	02/19/09	12:20	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-86

General Notes

Size: 3House on public water but did not have a water meter in line. There was a valve on the public water line that cut off water to the house.
-
Horiba data and chlorine test done afterwards because team did not have equipment. Water for this test was collected in 2 extra amber bottles.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0917TW001**	Sampler:	Patrick Leonard
Location:	0917	Sample Date:	03/25/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Lago Patria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:08	11:13	5	Clear	7.30	0.385	6.99	0.2	15.31	564	0.01	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/25/09	11:06	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-154
✓	03/25/09	11:06	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-149
✓	03/25/09	11:06	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-149
✓	03/25/09	11:06	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-149
✓	03/25/09	11:06	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-149
✓	03/25/09	11:06	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-151
✓	03/25/09	11:06	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-149
✓	03/25/09	11:06	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-154

General Notes

Size: 3House on city water
1000L holding tank
no well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0923TW001**	Sampler:	James Goerdt
Location:	0923	Sample Date:	03/12/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Lago Patria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
15:07	15:12	5	Clear	7.38	0.681	5.17	0.0	17.27	236	0.02	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/12/09	15:10	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-128
✓	03/12/09	15:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-124
✓	03/12/09	15:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-124
✓	03/12/09	15:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-124
✓	03/12/09	15:10	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-125
✓	03/12/09	15:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-124
✓	03/12/09	15:10	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-128
✓	03/12/09	15:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-124

General Notes

Size: 2No well on property. Water meter is inside the gate near the street. There was an approximate 250 gallon holding tank located in the basement. We tried several different valve on/off
scenarios but were not able to bypass the holding tank. Concluded that it was not possible to bypass this tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**0961TW002**	Sampler:	Chuck Meyer
Location:	0961	Sample Date:	07/07/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Lago Patria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
13:30	13:40	10	Clear	7.83	0.331	16.75	0.0	18.22	524	0.01	TDS: 0.215 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/07/09	13:40	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	2	Plastic - PE	2L	None	ED00000090-269
✓	07/07/09	13:40	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-269

General Notes

Size: 1Location scheduled for tap water (speciation only) and ambient air sampling. No soil or soil gas scheduled.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1020TW001**	Sampler:	William Olson
Location:	1020	Sample Date:	03/19/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Lago Patria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:30	10:35	5	Clear	7.20	0.335	8.05	0.0	13.65	591	0.01	TDS 210 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/19/09	10:36	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-145
✓	03/19/09	10:36	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-145
✓	03/19/09	10:36	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-140
✓	03/19/09	10:36	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-139
✓	03/19/09	10:36	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-139
✓	03/19/09	10:36	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-139
✓	03/19/09	10:36	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-139
✓	03/19/09	10:36	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-139

General Notes

Size: 3House on city water
but couldn't find water meter 1000L holding tank
no well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1120TW001**	Sampler:	Patrick Leonard
Location:	1120	Sample Date:	11/28/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	NA
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:55	11:00	5	Clear	7.25	0.883	9.27	0.8	14.19	506	0.0	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/28/08	11:00	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✓	11/28/08	11:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A
✓	11/28/08	11:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	N/A
✓	11/28/08	11:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✓	11/28/08	11:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✓	11/28/08	11:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✓	11/28/08	11:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✓	11/28/08	11:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✓	11/28/08	11:00	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	8	Plastic - PE	1L	None	N/A

General Notes

Size: 2Two wells were observed
but unable to access. The landlord and tenant could not confirm city water usage and could not show us the water meter. Was assumed to be a blended system.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1148TW001**	Sampler:	James Goerdt
Location:	1148	Sample Date:	03/10/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:30	10:35	5	Clear	5.11	0.292	9.05	0.1	13.37	599	0.01	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/10/09	10:40	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-122
✓	03/10/09	10:40	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-122
✓	03/10/09	10:40	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-121
✓	03/10/09	10:40	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-128
✓	03/10/09	10:40	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-128
✓	03/10/09	10:40	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-122
✓	03/10/09	10:40	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-122
✓	03/10/09	10:40	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-122

General Notes

Size: 1Were able to locate the water meter at the property line however -we were unable to read it or verify that it even worked. It was not readable due to dirt and other materials. Water shut-off valve was right next to it and the water to the apartment did shut off when the valve was closed. Water samples were collected from kitchen in upstairs apartment. No aerator was present on the faucet.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1187TW001**	Sampler:	Patrick Leonard
Location:	1187	Sample Date:	11/24/08
QC Duplicate ID:	N/A	MS/MSD:	N/A

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Lucrino - Pozzuoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
15:25	15:30	5	Clear	7.24	0.84	10.19	0	15.08	511	0	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/24/08	15:30	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✓	11/24/08	15:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✓	11/24/08	15:30	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	N/A
✓	11/24/08	15:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	N/A
✓	11/24/08	15:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✓	11/24/08	15:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✓	11/24/08	15:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✓	11/24/08	15:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A
✓	11/24/08	15:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A

General Notes

Size: 1There was a well on the property for garden use only but the tap water was on city water. 250 gallons holding tank on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1194TW002**	Sampler:	Chuck Meyer
Location:	1194	Sample Date:	06/25/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Maddaloni

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:15	11:20	5	Clear	7.50	0.270	7.39	0.0	18.71	530	0.01	TDS 0.175 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/25/09	11:20	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	2	Plastic - PE	2L	None	ED00000090-259
✓	06/25/09	11:20	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-259

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1201TW001**	Sampler:	Mike Jaynes
Location:	1201	Sample Date:	03/26/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Marcianse

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:20	10:25	5	Clear	7.07	0.896	594	1.2	14.12	9.34	0.0	TDS = 0.57 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/26/09	10:25	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-152
✓	03/26/09	10:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-152
✓	03/26/09	10:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-152
✓	03/26/09	10:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-152
✓	03/26/09	10:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-153
✓	03/26/09	10:25	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-154
✓	03/26/09	10:25	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-154
✓	03/26/09	10:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-152

General Notes

Size: 3House on city water
500L holding tank
no well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1227TW001**	Sampler:	James Goerdt
Location:	1227	Sample Date:	03/20/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Monte Di Procida

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:30	14:35	5	Clear	7.63	0.726	7.00	0.2	14.70	527	0.02	TDS = 0.465 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/20/09	14:45	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-145
✓	03/20/09	14:45	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-145
✓	03/20/09	14:45	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-142
✓	03/20/09	14:45	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-142
✓	03/20/09	14:45	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-142
✓	03/20/09	14:45	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-143
✓	03/20/09	14:45	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-142
✓	03/20/09	14:45	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-142

General Notes

Size: 1There were three steel holding tanks of various sizes on property however they had not been used since the landlord actually lived at the site which was many years ago. Water meter was observed at street and valve was available to shut water on/off.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1312TW001**	Sampler:	Katie Conrad
Location:	1312	Sample Date:	03/03/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Monteruscello

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:05	10:10	5	Clear	7.20	0.77	6.04	6	11.84	560	0.0	TDS = 0.49 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/03/09	10:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-109
✓	03/03/09	10:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-109
✓	03/03/09	10:10	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-108
✓	03/03/09	10:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-109
✓	03/03/09	10:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-109
✓	03/03/09	10:10	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-111
✓	03/03/09	10:10	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-108
✓	03/03/09	10:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-109

General Notes

Size: 1Multi-family - 2-story yellow house. The house is on city water. The water meter was working. Turned the water on and meter moved. Shut off the water to the house and the kitchen sink water stopped. No well on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1315TW001**	Sampler:	Steve Cooper
Location:	1315	Sample Date:	03/10/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Giugliano In Campania

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:55	12:00	5	Clear	7.21	0.314	10.49	0.20	13.09	326	0.0	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/10/09	12:20	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-119
✓	03/10/09	12:20	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-122
✓	03/10/09	12:20	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-122
✓	03/10/09	12:20	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-119
✓	03/10/09	12:20	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-122
✓	03/10/09	12:20	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-121
✓	03/10/09	12:20	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-122
✓	03/10/09	12:20	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-122

General Notes

Size: 1Collected tap water samples. Soil-gas sample also collected from this site. Three story white stucco home with Tuffa block wall and red steel gate entrance. Property location IS NOT listed in Garmin GPS and only partially mapped within Tom Tom GPS navigation device. Must locate using coordinates and advise following the Tom Tom directions NOT the Garmin. Determined that property is on city water supply source. A well is present but not connected to house water supply. Only used for gardening and lawn. However no chlorine was present in tap water when tested. It should be noted that the house water supply does go through a holding tank located on the roof and the home is presently unoccupied. Therefore - the water in the holding tank may have dissipated the chlorine over time. Accounting for no measurement of Total Chlorine.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1332TW001**	Sampler:	Katie Conrad
Location:	1332	Sample Date:	01/06/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Filtration	System Bypass for Sampling	Y
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:55	10:00	5	Clear	7.31	1.0	7.03	0	14.38	581	0.0	TDS = 0.7 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/06/09	10:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-17
✓	01/06/09	10:00	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-17
✓	01/06/09	10:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-17
✓	01/06/09	10:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-17
✓	01/06/09	10:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-17
✓	01/06/09	10:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-17
✓	01/06/09	10:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-17
✓	01/06/09	10:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-16
✓	01/06/09	10:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-17

General Notes

Size: 1The filtration system was disconnected from the faucet and isn't being used.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1332TW002**	Sampler:	Chuck Meyer
Location:	1332	Sample Date:	05/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Naples

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:58	11:08	10	Clear	7.39	0.725	6.91	0.3	19.28	579	0.02	TDS: 0.464g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/16/09	11:08	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-229
✓	05/16/09	11:08	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-229

General Notes

Size: 1The sample was collected from the kitchen tap after removing the aerator and allowing the water to purge for 10 minutes. The water was clear with no apparent odor present. The apartment complex was on public water. The water meter was working shut off when the water was off and on when the water was running The ball valve turned the systm off before the meter.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1334TW001**	Sampler:	Patrick Leonard
Location:	1334	Sample Date:	12/09/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:30	12:35	5	Clear	7.50	0.98	11.02	0	14.03	541	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/09/08	12:40	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-2
✓	12/09/08	12:40	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-2
✓	12/09/08	12:40	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-2
✓	12/09/08	12:40	VOCs	SW-846 5035/8260B/Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-2
✓	12/09/08	12:40	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-2
✓	12/09/08	12:40	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	500ml	None	ED00000090-2
✓	12/09/08	12:40	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-3
✓	12/09/08	12:40	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-2
✓	12/09/08	12:40	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	500ml	None	ED00000090-2

General Notes

Size: 1Tenant stated no well and no holding tank but is unsure. Apartment on 1st floor. A subsequent search of the building led to no well or tank being found on premises.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1344TW001**	Sampler:	Robin Clark
Location:	1344	Sample Date:	12/18/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Naples

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:30	09:35	5	Clear	7.28	1.1	7.36	16	14.47	505	0	TDS 0.7g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/18/08	9:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-14
✓	12/18/08	9:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-14
✓	12/18/08	9:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-14
✓	12/18/08	9:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-15
✓	12/18/08	9:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-14
✓	12/18/08	9:30	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-14
✓	12/18/08	9:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-14
✓	12/18/08	9:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-14
✓	12/18/08	9:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-14

General Notes

Size: 3House on city water
no holding tank
no well on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1345TW001**	Sampler:	Patrick Leonard
Location:	1345	Sample Date:	12/10/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:35	10:40	5	Clear	7.40	1.11	10.36	0	14.45	575	0.0	TDS: 0.7 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/10/08	10:46	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-4
✓	12/10/08	10:46	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-4
✓	12/10/08	10:46	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	500ml	None	ED00000090-4
✓	12/10/08	10:46	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-4
✓	12/10/08	10:46	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	500ml	None	ED00000090-4
✓	12/10/08	10:46	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-4
✓	12/10/08	10:46	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-5
✓	12/10/08	10:46	VOCs	SW-846 5035/8260B/Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-4
✓	12/10/08	10:46	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	500ml	None	ED00000090-4
✗	N/A	N/A	TBD - define in COC notes	Lab SOP	None	1	Plastic - PE	500ml	None	N/A

General Notes

Size: 1House is on city water and no holding tank. No well on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1346TW001**	Sampler:	Patrick Leonard
Location:	1346	Sample Date:	11/21/08
QC Duplicate ID:	N/A	MS/MSD:	N/A

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Vomero Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:15	13:20	5	Other	7.25	1.08	9.74	18.1	15.43	556	0.0	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/21/08	13:20	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✓	11/21/08	13:20	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	N/A
✓	11/21/08	13:20	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✓	11/21/08	13:20	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✓	11/21/08	13:20	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✓	11/21/08	13:20	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✓	11/21/08	13:20	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✓	11/21/08	13:20	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✓	11/21/08	13:20	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A

General Notes

Size: 3House on city water
no holding tank
no well on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1351TW001**	Sampler:	John Wright
Location:	1351	Sample Date:	06/04/09
QC Duplicate ID:	FDTW060409-01	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli (Possilipo area)

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:06	12:11	5	Clear	7.13	0.716	8.71	0.0	19.41	395	0.02	TDS = 0.457 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/04/09	12:11	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-240
✓	06/04/09	12:11	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-240
✓	06/04/09	12:11	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-240
✓	06/04/09	12:11	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-240
✓	06/04/09	12:11	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-239
✓	06/04/09	12:11	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-242
✓	06/04/09	12:11	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-242
✓	06/04/09	12:11	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-240

General Notes

Size: 1Water collected from kitchen tap. Apartment on public water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1355TW001**	Sampler:	Patrick Leonard
Location:	1355	Sample Date:	11/24/08
QC Duplicate ID:	N/A	MS/MSD:	N/A

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:15	10:20	5	Clear	7.29	1.09	11.40	0	14.06	475	0.0	TDS: 0.7 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/24/08	10:20	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A
✓	11/24/08	10:20	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✓	11/24/08	10:20	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	N/A
✓	11/24/08	10:20	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✓	11/24/08	10:20	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✓	11/24/08	10:20	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✓	11/24/08	10:20	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✓	11/24/08	10:20	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✓	11/24/08	10:20	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A

General Notes

Size: 3House on city water
no holding tank
no well on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1356TW001**	Sampler:	Chuck Meyer
Location:	1356	Sample Date:	05/21/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Water Softener	System Bypass for Sampling	Y
Water Usage Prior to Sampling	Not Known	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:35	09:42	7	Clear	7.02	0.842	10.76	0.1	19.12	545	0.02	TDS = 0.539 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/21/09	9:32	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-232
✓	05/21/09	9:32	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-232
✓	05/21/09	9:32	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-236
✓	05/21/09	9:32	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-232
✓	05/21/09	9:32	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-232
✓	05/21/09	9:32	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-236
✓	05/21/09	9:32	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-230
✓	05/21/09	9:32	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-232

General Notes

Size: 1The apartment was on city water. A separate water meter was located in the apartment. The water would run when the kitchen spigot/tap was turned on and stopped when off. The shut off valve shut water off to the apartment. There was no well on property. There was a calcium filter on the hot water tap which was by-passed for sampling.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1364TW001**	Sampler:	Patrick Leonard
Location:	1364	Sample Date:	11/20/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Succivo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:05	12:10	5	Clear	7.08	1.33	8.24	0	17.25	674	0.1	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/20/08	12:10	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A
✓	11/20/08	12:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✓	11/20/08	12:10	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✓	11/20/08	12:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✓	11/20/08	12:10	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✓	11/20/08	12:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✓	11/20/08	12:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✓	11/20/08	12:10	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✓	11/20/08	12:10	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	8	Plastic - PE	1L	None	N/A

General Notes

Size: 6High Cl reading for well water - re-ran test to verify
0.9 ug/L similar to initial reading.
Land lord was called to explain
stated the system was treated in someway
but could not explain how or in what quantity. High Cl may interfere with lab results. House on well water
2000L holding tank on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1364IW001**	Sampler:	John Wright
Location:	1364	Sample Date:	06/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	x	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Orta Di Atella

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
13:25	13:35	10	Clear	7.11	1.18	5.11	0.0	21.09	205	0.03	TDS = 0.753 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/09/09	13:40	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	N/A
✓	06/09/09	13:40	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A

General Notes

Size: 3Water collected in basement directly from tap in well line prior to water entering main tank and house system. Valve from city line and well line at main tank verified closed so blending and backflow cannot occur. 5 irrigation system lines visible connected to well supply line.
Chlorine result of this source 0.0.
6/26/2009 update - team decision not to ship this sample for analysis. Sample discarded after shipping the other TW sample collected on the same 6/9/09 date.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1364TW002**	Sampler:	John Wright
Location:	1364	Sample Date:	06/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Orta Di Atella

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
13:05	13:15	10	Clear	6.94	0.949	7.02	0.0	30.60	243	0.03	TDS = 0.607 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/09/09	13:20	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-259
✓	06/09/09	13:20	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-259

General Notes

Size: 3Sample collected from public water source or potentially blended but from an exterior tap location per FOL instruction. The house is now on public/city water. The source of water for irrigation system is the private well however appears that water in irrigation is partially blended (potential backflow from basement system). Source and new supply to house verified by inspection of new city water line and water meter at front wall of property. Well water running when city valve turned off and water meter not showing flow. Tap at water meter for city water inspection had no pressure when running well.
Note - inside house is holding tank and both supplies still run inside house and valves for each to continue to blend sources to tank. Both sources were actually open to supply blended water to tank.
Chlorine detected in source water during sampling. Confirmed water not coming from interior holding tank by unplugging pump from tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1365TW004**	Sampler:	Chuck Meyer
Location:	1365	Sample Date:	05/19/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Orta Di Atella

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
15:55	16:05	10	Clear	7.03	0.844	6.31	2.0	21.70	219	0.02	TDS: 0.54 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/19/09	16:05	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-235
✓	05/19/09	16:05	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-235

General Notes

Size: 1The sample was collected from the garden spigot closest to the well. Currently the residence is using public water for it's source of supply. The well is still used for irrigation of the yard and gardens. The spigot was run for 10 minutes prior to sampling. The water was clear with no odor noted.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1370TW001**	Sampler:	Katie Conrad
Location:	1370	Sample Date:	12/18/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Parete

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:35	12:40	5	Clear	7.72	0.495	10.10	16.8	11.77	547	0	TDS = 0.32 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/18/08	12:40	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-14
✓	12/18/08	12:40	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-14
✓	12/18/08	12:40	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-14
✓	12/18/08	12:40	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-14
✓	12/18/08	12:40	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-14
✓	12/18/08	12:40	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-14
✓	12/18/08	12:40	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-14
✓	12/18/08	12:40	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-15
✓	12/18/08	12:40	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-14

General Notes

Size: 2On 12/17/2008 attempted to sample house -however the tank had recently been cleaned and needs to be rinsed. The chlorine test reading was out of range. Told the landlord to let the water run and set up another appointment.
On 12/18/2008 the chlorine level was in range so a water sample was collected. House is on city water. There is a well on the property but it is separate from the house and used only for the garden/planters.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1384TW001**	Sampler:	Steve Cooper
Location:	1384	Sample Date:	03/14/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Possillipo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:15	10:20	5	Clear	7.56	0.730	9.71	110	14.6	411	0.0	Total chlorine test performed, reading was 1.5 mg/L, therefore divided by 5 for Low Range calculation, yielding 0.3 mg/L as result. TDS is 0.47 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/14/09	10:45	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-131
✓	03/14/09	10:45	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-131
✓	03/14/09	10:45	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-131
✓	03/14/09	10:45	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-127
✓	03/14/09	10:45	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-128
✓	03/14/09	10:45	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-131
✓	03/14/09	10:45	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-131
✓	03/14/09	10:45	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-128

General Notes

Size: 31. Property is a five story peach colored apartment building. Apartment is located on the fourth floor. Front door is immediately in front of the main road. Access is good.
2. The tap water was confirmed to be city water by checking the meter
interviewing the Land Lord (LL) and a positive indication with the total chlorine test. No holding tank was present or identified. Apartment is not on a private well.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1385TW001**	Sampler:	Patrick Leonard
Location:	1385	Sample Date:	12/12/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Filtration	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Posillipo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:40	09:48	8	Clear	7.45	0.832	10.21	0	14.67	467	0.0	TDS = 0.53 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/12/08	10:01	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	500ml	None	ED00000090-6
✓	12/12/08	10:01	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-6
✓	12/12/08	10:01	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-6
✓	12/12/08	10:01	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-6
✓	12/12/08	10:01	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-6
✓	12/12/08	10:01	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	500ml	None	ED00000090-6
✓	12/12/08	10:01	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	500ml	None	ED00000090-6
✓	12/12/08	10:01	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-7
✓	12/12/08	10:01	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-6

General Notes

Size: 4Water filtration system in apartment (2 filters). Tenant stated water has high calcium content/lime issues.
House on city water
no holding tank
no well on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1401TW001-NS**	Sampler:	Chuck Conrad
Location:	1401	Sample Date:	02/28/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 1On Feb 28th 2009 - Location not sampled for TW because location could not be sampled for SG. Landlord more than willing to have team come back to sample water. Sample not collected and marked as "CNX" on schedule.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1402TW001**	Sampler:	Patrick Leonard
Location:	1402	Sample Date:	11/21/08
QC Duplicate ID:	N/A	MS/MSD:	N/A

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	NA
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli Posillipo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:40	09:45	5	Clear	7.22	1.13	9.53	0	16.24	516	0.1	TDS = 0.7 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/21/08	9:45	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	N/A
✓	11/21/08	9:45	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✓	11/21/08	9:45	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✓	11/21/08	9:45	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✓	11/21/08	9:45	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✓	11/21/08	9:45	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✓	11/21/08	9:45	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	N/A
✓	11/21/08	9:45	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A
✓	11/21/08	9:45	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A

General Notes

Size: 3House on city water
no holding tank
no well on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1443TW001**	Sampler:	Robin Clark
Location:	1443	Sample Date:	01/21/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzouli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:20	10:25	5	Clear	7.21	0.915	9.95	58	12.33	443	0.0	TDS = 0.58 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/21/09	10:20	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-38
✓	01/21/09	10:20	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-38
✓	01/21/09	10:20	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-38
✓	01/21/09	10:20	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-38
✓	01/21/09	10:20	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-38
✓	01/21/09	10:20	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-38
✓	01/21/09	10:20	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-38
✓	01/21/09	10:20	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-39
✓	01/21/09	10:20	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-38

General Notes

Size: 3House on city water
1000L holding tank on property
no well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1450TW001**	Sampler:	James Goerdt
Location:	1450	Sample Date:	03/31/09
QC Duplicate ID:	FDTW033109-01	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzuoli Town

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:55	10:00	5	Clear	7.35	0.742	7.71	0.1	16.98	550	0.02	TDS = 0.475

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/31/09	10:05	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-163
✓	03/31/09	10:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-162
✓	03/31/09	10:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-162
✓	03/31/09	10:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-162
✓	03/31/09	10:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-162
✓	03/31/09	10:10	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-167
✓	03/31/09	10:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-162
✓	03/31/09	10:10	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-167

General Notes

Size: 4FDTW033109-01
House on city water
500L holding tank
no well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1456TW001**	Sampler:	Steve Cooper
Location:	1456	Sample Date:	03/06/09
QC Duplicate ID:	N/A	MS/MSD:	MS/MSD

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzuoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:40	10:45	5	Clear	7.2	0.83	7.3	1	22.54	411	0.0	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/06/09	11:00	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-119
✓	03/06/09	11:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	9	Glass - Clear	40ml vials	Run MS/MSD	ED00000090-114
✓	03/06/09	11:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-113
✓	03/06/09	11:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	3	Plastic - PE	250ml	Run MS/MSD	ED00000090-114
✓	03/06/09	11:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	3	Plastic - PE	250ml	Run MS/MSD	ED00000090-114
✓	03/06/09	11:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	3	Plastic - PE	250ml	Run MS/MSD	ED00000090-114
✓	03/06/09	11:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	6	Glass - Amber	1L	Run MS/MSD	ED00000090-114
✓	03/06/09	11:00	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-119

General Notes

Size: 21.Home is two story white and yellow stucco detached apartment unit (Parco) situated on the side of a mountain. Must cross highway overpass (bridge) to get to house. Must get owner/tenant to open gray gate. GPS will not show you this route. It thinks you can get to the address from off of the highway-wrong!
2. There is NO visual evidence of any well being used at this property. Per the owner/Land Lord- there is a 10000 L holding tank that is used by the apartment building for emergency use when the city water is low or not working. City water source was confirmed with water meter Cl2 test and visual inspection of current city water bill for this address.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1517TW002**	Sampler:	Chuck Meyer
Location:	1517	Sample Date:	07/07/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzuoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:10	10:20	10	Clear	7.31	0.732	5.59	0.0	28.05	422	0.02	TDS = 0.469 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/07/09	10:20	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-269
✓	07/07/09	10:20	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	2	Plastic - PE	2L	None	ED00000090-269

General Notes

Size: 3chlorine @10:17 0.5-0.1
House on city water
no well on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1529TW001**	Sampler:	William Olson
Location:	1529	Sample Date:	04/08/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzuoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:32	14:37	5	Clear	7.30	0.841	9.65	0.9	16.55	549	0.0	0.54 g/l

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/08/09	14:37	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-179
✓	04/08/09	14:37	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-179
✓	04/08/09	14:37	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-183
✓	04/08/09	14:37	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-179
✓	04/08/09	14:37	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-183
✓	04/08/09	14:37	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-179
✓	04/08/09	14:37	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-179
✓	04/08/09	14:37	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-178

General Notes

Size: 3House on city water
no holding tank
no well on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1562TW001**	Sampler:	Robin Clark
Location:	1562	Sample Date:	02/23/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Quarto

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:26	10:31	5	Clear	7.20	0.874	9.93	35.9	9.60	582	0.0	TDS = 0.55 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/23/09	10:26	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-97
✓	02/23/09	10:26	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-92
✓	02/23/09	10:26	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-92
✓	02/23/09	10:26	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-92
✓	02/23/09	10:26	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-92
✓	02/23/09	10:26	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-97
✓	02/23/09	10:26	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-93
✓	02/23/09	10:26	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-92

General Notes

Size: 3House on city watrer
1000L plastic holding tank on property
no well

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1566TW001**	Sampler:	Chuck Meyer
Location:	1566	Sample Date:	05/29/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Quarto

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:40	10:50	10	Clear	7.13	0.775	7.27	0.0	20.67	451	0.02	TDS 0.496

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/29/09	10:35	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-242
✓	05/29/09	10:35	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-242
✓	05/29/09	10:35	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-238
✓	05/29/09	10:35	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-238
✓	05/29/09	10:35	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-237
✓	05/29/09	10:35	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-238
✓	05/29/09	10:35	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-238
✓	05/29/09	10:35	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-238

General Notes

Size: 1The house is on public water a water meter was present but was not working or may not work until the 1000 liter galvanized steel holding tank is pumped down enough to activate the pump. The sample was collected from the kitchen tap after collecting the metals removing the aerator flaming the tap and purging the tap for 5 minutes. The water was clear with a slight sulfur odor.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1569TW001**	Sampler:	Katie Conrad
Location:	1569	Sample Date:	02/03/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	QUARTO

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:10	10:15	5	Clear	7.32	0.72	7.75	0	13.58	574	0.0	TDS = 0.46 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/03/09	10:15	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-60
✓	02/03/09	10:15	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-58
✓	02/03/09	10:15	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-60
✓	02/03/09	10:15	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-60
✓	02/03/09	10:15	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-60
✓	02/03/09	10:15	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-60
✓	02/03/09	10:15	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-60

General Notes

Size: 3house on city water
no holding tank
no well on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1570TW001**
Location: 1570
QC Duplicate ID: N/A

Sampler: William Olson
Sample Date: 03/19/09
MS/MSD: NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Quarto

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
1:48	1:53	5	Clear	7.37	0.771	5.76	0.3	16.86	273	0.02	TDS 0.493 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/19/09	13:53	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-145
✓	03/19/09	13:53	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-139
✓	03/19/09	13:53	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-140
✓	03/19/09	13:53	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-139
✓	03/19/09	13:53	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-139
✓	03/19/09	13:53	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-145
✓	03/19/09	13:53	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-139
✓	03/19/09	13:53	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-139

General Notes

Size: 3House on city water
1000L holding tank
no well on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1589PW002**	Sampler:	Chuck Meyer
Location:	1589	Sample Date:	05/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Santa Maria Capua Vetere

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
09:00	09:10	10	Clear	7.18	0.942	3.73	0.0	22.87	232	0.03	TDS: 0.603g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/16/09	9:10	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-229
✓	05/16/09	9:10	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-229

General Notes

Size: 1The sample was collected from the outside spigot which is part of the irrigation system for the Parco. The Parco uses a well for the irrigation system. As part of the Phase I study wells were sampled in addition to the tap water. The sample ID for the original sample was 1589PW001. The PW name was given to Private Wells or in this case an irrigation well. The water was clear with no apparent odor or sheen present and was purged 10 minutes prior to sampling.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1602TW003**	Sampler:	Chuck Meyer
Location:	1602	Sample Date:	05/13/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Cipriano d'Aversa

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
15:54	16:04	10	Clear	7.04	1.15	4.70	0.0	21.41	208	0.03	TDS: 0.734g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/13/09	16:04	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-223
✓	05/13/09	16:04	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-223

General Notes

Size: 1The sample was collected from the kitchen tap as previously done after removing the aerator and purging the system for 10 minutes. The system was still using the well as its source of supply. The water was clear with no sediment observed with the removal of the aerator.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1606TW003**	Sampler:	Chuck Meyer
Location:	1606	Sample Date:	05/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	SAN CIPRIANO D'AVERSA

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:15	11:25	10	Clear	7.00	1.16	3.53	41.5	18.87	352	0.03	TDS: 0.742g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/09/09	11:25	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-223
✓	05/09/09	11:25	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-223

General Notes

Size: 1The sample was collected from the outside spigot in the front of the house after learning that the house is now served by public water. The well that originally served the house is currently used for irrigation only. The well was purged for 10 minutes prior to sampling to pull fresh water into the holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1613TW001**	Sampler:	Patrick Leonard
Location:	1613	Sample Date:	11/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casapecenna

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:05	09:10	5	Clear	6.93	1.86	5.23	0	17.60	331	0.1	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/19/08	9:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✓	11/19/08	9:10	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✓	11/19/08	9:10	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✓	11/19/08	9:10	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✓	11/19/08	9:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✓	11/19/08	9:10	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	8	Plastic - PE	1L	None	N/A
✓	11/19/08	9:10	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A
✓	11/19/08	9:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✓	11/19/08	9:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A

General Notes

Size: 1House on well water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1613TW002**	Sampler:	Chuck Meyer
Location:	1613	Sample Date:	07/01/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casapecenna

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
13:25	13:30	5	Clear	6.82	1.66	3.12	0.0	24.39	193	0.05	TDS = 1.06 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/01/09	13:30	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-262
✓	07/01/09	13:30	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	2	Plastic - PE	2L	None	ED00000090-262

General Notes

Size: 1The sample was collected from the kitchen sink after removing the aerator and allowing the system to purge for 10 minutes. The water was clear with no apparent odors. The tenant indicated that that the home was on groundwater and that the well had been identified during the previous sampling event. There was no treatment on the well.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1614IW001**	Sampler:	Chuck Meyer
Location:	1614	Sample Date:	05/23/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Cipriano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:15	11:25	10	Clear	6.98	0.982	6.58	0.0	21.7	297	0.01	TDS = NA

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/23/09	11:25	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-241
✓	05/23/09	11:25	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-241

General Notes

Size: 3Upon arrival at the house Tt personnel were told that the house was on public water and that the only place to get a well water sample was out of the outside spigot. The landlord's son explained that during the first visit the house was on a blended system of public and well water. Since that time they have change the plumbing to all public water for home use and the well water is used for irrigation and washing cars only. Personnel decided to collect the outside spigot (groundwater)for the speciation sample.
Note for Chlorine - The well is used for irrigation and car washing only.
The original sample (1614TW001) was collected from a blended system the well and public water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1633TW001**	Sampler:	Patrick Leonard
Location:	1633	Sample Date:	12/03/08
QC Duplicate ID:	N/A	MS/MSD:	N/A

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Marcellino

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:10	12:15	5	Clear	7.39	1.0	9.05	0.0	14.19	302	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/03/08	12:15	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✓	12/03/08	12:15	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	N/A
✓	12/03/08	12:15	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✓	12/03/08	12:15	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✓	12/03/08	12:15	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✓	12/03/08	12:15	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✓	12/03/08	12:15	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A
✓	12/03/08	12:15	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✓	12/03/08	12:15	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 3Water meter was present
but water only pulled from city line when tank volume was significantly reduced. Chlorine test results was zero
may be indicative of a blended system.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1635TW001**	Sampler:	Robert Simcik
Location:	1635	Sample Date:	04/03/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Marcellino

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:23	10:28	5	Clear	7.17	0.912	7.75	0.0	15.79	623	0.02	TDS = 0.584g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/03/09	10:22	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-172
✓	04/03/09	10:22	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-183
✓	04/03/09	10:22	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-172
✓	04/03/09	10:22	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-172
✓	04/03/09	10:22	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-172
✓	04/03/09	10:22	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-169
✓	04/03/09	10:22	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-183
✓	04/03/09	10:22	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-172

General Notes

Size: 1Water sampled from tap. House is on Municipal water but has a holding tank. Tenant disinfects holding tank with Clorox. Tank was cleaned approx one week prior to sampling.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1638TW002**	Sampler:	Chuck Meyer
Location:	1638	Sample Date:	05/27/09
QC Duplicate ID:	FDTW052709-01	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Marcellino

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:05	11:15	10	Clear	6.87	1.11	3.87	42.6	24.29	200	0.03	TDS: 0.708g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/27/09	11:15	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-235
✓	05/27/09	11:15	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-235

General Notes

Size: 2The landlord indicated that the house was on well water only. The sample was collected from the kitchen sink after removing the aerator and purging the system for 10 minutes.
Also duplicate sample FDTW052709-01 was collected from this location.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1638TW001**	Sampler:	Robin Clark
Location:	1638	Sample Date:	01/26/09
QC Duplicate ID:	FDTW012609-01	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Marcellino

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:19	09:24	5	Clear	6.94	1.40	4.14	29.3	11.34	323	0.1	tds = 0.9 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/26/09	9:19	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/26/09	9:19	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-48
✓	01/26/09	9:19	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-48
✓	01/26/09	9:19	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-48
✓	01/26/09	9:19	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/26/09	9:19	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-48
✓	01/26/09	9:19	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-46
✓	01/26/09	9:19	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	8	Plastic - PE	1L	None	ED00000090-48
✓	01/26/09	9:19	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-48
✓	01/26/09	9:19	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-48
✓	01/26/09	9:19	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-48

General Notes

Size: 1House is on well water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1659TW001**	Sampler:	Chuck Meyer
Location:	1659	Sample Date:	04/18/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Succivo, Corso Sicilia 37

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:38	11:43	5	Clear	6.93	0.984	6.08	0.0	19.00	494	0.03	0.630 TDS

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/18/09	11:38	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-192
✓	04/18/09	11:38	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-190
✓	04/18/09	11:38	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-192
✓	04/18/09	11:38	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-192
✓	04/18/09	11:38	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-195
✓	04/18/09	11:38	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-192
✓	04/18/09	11:38	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-192
✓	04/18/09	11:38	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-195

General Notes

Size: 1Municipal water source.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1675TW003**	Sampler:	Chuck Meyer
Location:	1675	Sample Date:	05/27/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Teverola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
16:08	16:18	10	Clear	7.10	0.989	9.70	0.0	23.77	182	0.03	TDS: 0.633g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/27/09	16:18	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-241
✓	05/27/09	16:18	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-241

General Notes

Size: 1The sample was collected from the kitchen tap after removing the aerator and purging the system for 10 minutes. The landlord is also the tenant of the unit. He indicated he was on well water and that was verified by personnel who observed the well with piping and wiring going to the home. The owner indicated that he could connect up to public water but has not yet established the connection.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1694TW002**	Sampler:	Chuck Meyer
Location:	1694	Sample Date:	05/29/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Varcaturo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
16:15	16:20	5	Clear	7.54	0.695	8.45	0.0	20.24	347	0.01	TDS = N/C

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/29/09	16:20	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-241
✓	05/29/09	16:20	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-241

General Notes

Size: 4The sample was collected from the kitchen tap after removing the aerator and allowing the system to purge for 5 minutes. The water was clear with no apparent odor. After collecting the sample personnel went outside to check the water meter. The meter was not working but personnel standing by the 1500 liter holding tank could hear the water stop when the valve was switched on and off. The water meter was located adjacent to the driveway at the front of the property.
Original field coordinates:
N = 40 53' 55.1"
E = 14 03' 48.5"

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1699TW001**	Sampler:	Chuck Meyer
Location:	1699	Sample Date:	05/08/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Varcaturo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:26	14:31	5	Clear	7.72	0.283	6.86	0.0	21.53	467	0.01	TDS: 0.184g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/08/09	14:24	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-216
✓	05/08/09	14:24	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-222
✓	05/08/09	14:24	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-217
✓	05/08/09	14:24	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-216
✓	05/08/09	14:24	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-222
✓	05/08/09	14:24	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-216
✓	05/08/09	14:24	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-216
✓	05/08/09	14:24	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-216

General Notes

Size: 1The landlord indicated that the house was on public water. The water meter was working. The landlord indicated that the house had not been occupied for a long period of time. The sample was collected from the kitchen tap (inorganics collected prior to aerator removal and purging as per the SOP) after removing the aerator and letting the system purge for 5 minutes. The water was clear with no apparent odor.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1732TW004**	Sampler:	John Wright
Location:	1732	Sample Date:	06/03/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:15	11:20	5	Clear	6.90	0.991	7.6	1.9	21.27	305	0.03	TDS = 0.633 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/03/09	11:22	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-241
✓	06/03/09	11:22	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-241

General Notes

Size: 2Location is no longer occupied by tenant. House is empty (no furniture) and power to home is turned off. House is on public water supply with pipe valve near the garage door area. Main supply line has a valve and tap prior to the black PE pipe which runs into the house. The landlord states that the house has a large holding tank inside in which the city water is stored. The house is feed from the holding tank with a pump. The power is off to the house so water cannot be pumped from the interior locations (i.e. kitchen or bathrooms).
Sample was collected from the tap at the public water shutoff valve.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1742TW001**	Sampler:	William Olson
Location:	1742	Sample Date:	03/23/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa Di Briano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:54	09:59	5	Clear	7.06	0.966	8.70	3.5	13.20	466	0.0	TDS: 0.62 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/23/09	9:54	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-146
✓	03/23/09	9:54	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-146
✓	03/23/09	9:54	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-148
✓	03/23/09	9:54	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-146
✓	03/23/09	9:54	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-146
✓	03/23/09	9:54	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-146
✓	03/23/09	9:54	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-154
✓	03/23/09	9:54	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-154

General Notes

Size: 2The house is on city water - water meter checked and working.
2500L holding tank on property. Well on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1744TW003**	Sampler:	Chuck Meyer
Location:	1744	Sample Date:	05/13/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	VIlla di Briano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
09:08	09:18	10	Clear	6.77	1.17	9.44	0.0	18.53	234	0.03	TDS: 0.751g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/13/09	9:18	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-223
✓	05/13/09	9:18	Ra228-Sr90-Potassium	EPA 904-905-6020	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-223

General Notes

Size: 3The landlord indicated that they were still using well water as the source of supply. He was tring to connect to public water but hasn't been successfull. The sample was collected from the kitchen tap
as with the previous sampling activities
after removing the aerator and allowing the well to purge for 10 minutes prior to sampling. There was no sediment found on the aerator screen and the water was clear upon sampling.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1749TW001**	Sampler:	Robin Clark
Location:	1749	Sample Date:	01/24/09
QC Duplicate ID:	N/A	MS/MSD:	MS/MSD

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa Di Briano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:06	10:11	5	Clear	7.23	0.877	8.26	24.0	12.06	609	0.0	TDS: 0.56g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/24/09	10:06	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	8	Plastic - PE	1L	None	ED00000090-48
✓	01/24/09	10:06	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/24/09	10:06	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	6	Glass - Amber	1L	Lab QC - Run MS/MSD	ED00000090-48
✓	01/24/09	10:06	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/24/09	10:06	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	9	Glass - Amber	1L	Lab QC - Run MS/MSD	ED00000090-48
✓	01/24/09	10:06	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-45
✓	01/24/09	10:06	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	6	Glass - Amber	1L	Lab QC - Run MS/MSD	ED00000090-48
✓	01/24/09	10:06	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	9	Glass - Clear	40ml vials	Lab QC - Run MS/MSD	ED00000090-48
✓	01/24/09	10:06	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	3	Plastic - PE	250ml	Lab QC - Run MS/MSD	ED00000090-48
✓	01/24/09	10:06	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	3	Plastic - PE	250ml	Lab QC - Run MS/MSD	ED00000090-48
✓	01/24/09	10:06	Anions	SW-846 9056/Lab SOPs M1505	4°C	3	Plastic - PE	250ml	Lab QC - Run MS/MSD	ED00000090-48

General Notes

Size: 3House on city water
water meter checked not running but no well on property
chlorine result (0.14) looks like house on city water

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1751TW001**	Sampler:	Chuck Meyer
Location:	1751	Sample Date:	07/08/09
QC Duplicate ID:	N/A	MS/MSD:	MS/MSD

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa Literno

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:35	14:40	5	Clear	6.89	0.845	8.79	0.0	18.87	347	0.02	TDS = NA

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/08/09	14:29	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	6	Glass - Amber	1L	Run MS/MSD	ED00000090-266
✓	07/08/09	14:29	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-265
✓	07/08/09	14:29	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	3	Plastic - PE	250ml	Run MS/MSD	ED00000090-266
✓	07/08/09	14:29	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	3	Plastic - PE	250ml	Run MS/MSD	ED00000090-266
✓	07/08/09	14:29	Anions	SW-846 9056/Lab SOPs M1505	4°C	3	Plastic - PE	250ml	Run MS/MSD	ED00000090-266
✓	07/08/09	14:29	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-268
✓	07/08/09	14:29	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	2	Plastic - PE	2L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-268
✓	07/08/09	14:29	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	9	Glass - Clear	40ml vials	Run MS/MSD	ED00000090-266

General Notes

Size: 1The sample was collected directly from the well at the port which used to feed the 500 liter holding tank. Last week the land lord ran a hose over his back wall to connect the holding tank to "good water" city water prior to our visit. The tenant also indicated that the landlord had cleaned out the holding tank and disinfected it for the first time in the 2.5 years he had been living there while at the same time the landlord changed the water supply. The water was clear with no apparent odor present. The tenant insisted that Tt sample the well water that they were using for the passed 2.5 years.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1756TW001**	Sampler:	Terry Rojahn
Location:	1756	Sample Date:	06/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Filtration	System Bypass for Sampling	Y
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa Lterno

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:30	13:35	5	Clear	6.99	1.12	9.45	0.0	19.48	151	0.03	TDS = 0.715 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/16/09	13:36	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-258
✓	06/16/09	13:36	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-252
✓	06/16/09	13:36	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-252
✓	06/16/09	13:36	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-252
✓	06/16/09	13:36	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-252
✓	06/16/09	13:36	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-251
✓	06/16/09	13:36	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-258
✓	06/16/09	13:36	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-252

General Notes

Size: 1The sample was collected from the kitchen tap (inorganics collected upon arrival as per the SOP) after removing the Brita faucet filter. Type of treatment: PUR flavor. The land lord and tenant indicated that the parco was using a single well as it's source of supply. The tenant had the land lord by-pass the holding tank due to potential bacteria problems. So well water is pumped directly to the house. The water was clear with no apparent odor.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1766TW001**	Sampler:	Chuck Meyer
Location:	1766	Sample Date:	05/18/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa Literno

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
16:02	16:08	6	Clear	7.18	0.658	6.67	0.0	29.12	209	0.02	TDS: 0.421g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/18/09	16:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-225
✓	05/18/09	16:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-224
✓	05/18/09	16:00	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-236
✓	05/18/09	16:00	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-236
✓	05/18/09	16:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-226
✓	05/18/09	16:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-226
✓	05/18/09	16:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-226
✓	05/18/09	16:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-226

General Notes

Size: 1The sample was collected from the kitchen tap (inorganics collected prior to aerator removal and purging as per the SOP) after removing the aerator and purging for 10 minutes. The house is connected to city water with a 2000L stainless steel holding tank. The holding tank could not be by-passed and the water meter would not kick in until the float switch activated. But due to the chlorine reading and other readings and observations it appears that the house is on public water. The garden has a well for irrigation which was also sampled (see 1766IW001).

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1766IW001**	Sampler:	Chuck Meyer
Location:	1766	Sample Date:	05/18/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa literno

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
16:21	16:26	5	Clear	6.98	0.983	7.97	9.4	25.27	180	0.03	TDS: 0.629g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/18/09	16:19	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-226
✓	05/18/09	16:19	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-226
✓	05/18/09	16:19	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-224
✓	05/18/09	16:19	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-226
✓	05/18/09	16:19	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-225
✓	05/18/09	16:19	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-228
✓	05/18/09	16:19	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-226
✓	05/18/09	16:19	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-228

General Notes

Size: 2The sample was taken from the onsite irrigation well from the spigot along the back wall of the garden. The sample ID was changed from TW001 to IW001. Additionally
a tap water sample was also collected at this residence (see 1766TW001).

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1771TW001**	Sampler:	Chuck Meyer
Location:	1771	Sample Date:	06/11/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa Literno

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:36	14:41	5	Clear	6.82	1.27	7.78	0.2	20.31	257	0.04	TDS = 574 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/11/09	14:34	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-258
✓	06/11/09	14:34	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	changed bottleware after shipped.	ED00000090-246
✓	06/11/09	14:34	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-247
✓	06/11/09	14:34	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-247
✓	06/11/09	14:34	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	changed bottleware/preservative after shipped.	ED00000090-247
✓	06/11/09	14:34	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-247
✓	06/11/09	14:34	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-247
✓	06/11/09	14:34	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-258

General Notes

Size: 1The home is using groundwater for it's source of supply. This was confirmed by both the tenant and the land lord. The sample was collected (inorganics collected prior to aerator removal and purging as per the SOP)from the kitchen tap after letting the system purge for 5 minutes. The water was clear with no apparent odor.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1780TW001-NS**	Sampler:	Robin Clark
Location:	1780	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Naples

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A

General Notes

Size: 22/16/2009: LL does not have permission to collected soil gas from common areas (near slab) therefore no water or soil or soil gas samples were collected. May return at a later date with permission from the association.
Sample not collected and marked as "CNX" on schedule.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1787TW001**	Sampler:	Chuck Meyer
Location:	1787	Sample Date:	04/24/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Vomero Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:54	12:59	5	Clear	7.55	0.827	9.03	4.0	16.35	533	0.0	TDS 0.53 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/24/09	12:51	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-214
✓	04/24/09	12:51	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-199
✓	04/24/09	12:51	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-199
✓	04/24/09	12:51	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-199
✓	04/24/09	12:51	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-214
✓	04/24/09	12:51	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-201
✓	04/24/09	12:51	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-199
✓	04/24/09	12:51	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-199

General Notes

Size: 504/08/09 - Water sample was not collected at this location. Team tried to call LL and tenant until 11:15 but nobody showed up at location (it was reported as tenants last day). Location is planned to be rescheduled in near future.
04/08/09 (5:45 pm) FOL - Upon further discussion with the housing scheduler(Domenico)the LL and tenant did show up at 9:00 am. The Field Team had difficulty in finding location due to incomplete address and therefore they were not there at 9:00 am. No information on why the LL or tenant did not answer the phone calls. The tenant has moved out and the LL went to housing to sign the lease closing (when Domenico was able to speak with her). LL was not interested in re-scheduling and might be shutting off water until property is rented again. I asked housing scheduler to continue to try to request a TW sample be collected at this location.
04/24/09
House sampled at 13.00 - house on city water
no holding tank. No well on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1788TW001**	Sampler:	Robin Clark
Location:	1788	Sample Date:	01/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Vomero

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
16:00	16:05	5	Clear	7.53	1.00	9.30	2.3	13.13	333	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/16/09	16:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-34
✓	01/16/09	16:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-34
✓	01/16/09	16:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-34
✓	01/16/09	16:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-34
✓	01/16/09	16:00	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-34
✓	01/16/09	16:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-34
✓	01/16/09	16:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-31
✓	01/16/09	16:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-34
✓	01/16/09	16:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-34

General Notes

Size: 1House is on city water - no holding tank. No well on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1790TW001**	Sampler:	Mike Jaynes
Location:	1790	Sample Date:	03/17/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Vomero

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:12	10:17	5	Clear	7.45	0.797	8.26	0.2	14.75	445	0.02	TDS - 0.510 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/17/09	10:20	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-134
✓	03/17/09	10:20	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-134
✓	03/17/09	10:20	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-134
✓	03/17/09	10:20	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-134
✓	03/17/09	10:20	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-134
✓	03/17/09	10:20	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-138
✓	03/17/09	10:20	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-138
✓	03/17/09	10:20	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-132

General Notes

Size: 3Sample collected from Apt. A9 which is vacant and no immediate plans to rent. Apartmento A10 is occupied by an American tenant.
Building is on city water
no holding tank. No well on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1794TW001**	Sampler:	Robin Clark
Location:	1794	Sample Date:	02/12/09
QC Duplicate ID:	N/A	MS/MSD:	MS/MSD

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:25	14:30	5	Clear	7.27	1.09	9.79	12.2	14.33	440	0.0	tds = 0.7 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/12/09	14:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	3	Plastic - PE	250ml	lab QC - run MS/MSD.	ED00000090-78
✓	02/12/09	14:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	3	Plastic - PE	250ml	lab QC - run MS/MSD.	ED00000090-78
✓	02/12/09	14:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-76
✓	02/12/09	14:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	3	Plastic - PE	250ml	lab QC - run MS/MSD.	ED00000090-78
✓	02/12/09	14:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	6	Glass - Amber	1L	lab QC - run MS/MSD.	ED00000090-78
✓	02/12/09	14:25	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-90
✓	02/12/09	14:25	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	9	Glass - Clear	40ml vials	lab QC - run MS/MSD.	ED00000090-78
✓	02/12/09	14:25	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-90

General Notes

Size: 1House is on city water - no holding tank. No well on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1817TW002**	Sampler:	Chuck Meyer
Location:	1817	Sample Date:	05/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
09:13	09:23	10	Clear	7.49	0.882	6.70	0.0	21.59	528	0.02	TDS: 0.565g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/09/09	9:23	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-223
✓	05/09/09	9:23	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-223

General Notes

Size: 1The tenant indicated that they were on public water. There was a water meter out back that was working indicating public water. The sample was collected from the kitchen sink (inorganics collected prior to aerator removal and purging as per the SOP) after removal of the aerator. Upon removing the aerator a large amount of sand was removed from the aerator. The water was allowed to run for 10 minutes before the sample was collected. The water was clear with no odor or sheen present.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1874TW002**	Sampler:	Chuck Meyer
Location:	1874	Sample Date:	05/27/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casapessena

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
09:07	09:17	10	Clear	7.66	0.804	8.91	0.0	24.55	165	0.02	TDS: 0.515g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/27/09	9:17	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-235
✓	05/27/09	9:17	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-235

General Notes

Size: 2The house is on city water. No well on property. Water sampled from the kitchen sink. The house has been empty since it was built. The house is on city water however since there has been no tenant the holding tank has probably used up the residual clorine in the water. The water tank cannot be by-passed so we would have to draw to much water to allow the system to run. There did not appear to be a well head on the property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1926TW002**	Sampler:	Chuck Meyer
Location:	1926	Sample Date:	07/03/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Teverola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
09:15	09:20	5	Clear	6.69	0.969	6.65	0.0	23.54	256	0.03	TDS = 0.620 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/03/09	9:20	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-269
✓	07/03/09	9:20	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	2	Plastic - PE	2L	None	ED00000090-269

General Notes

Size: 1The sample was collected from the kitchen tap after removing the aerator and allowing the system to purge for 5 minutes. The water was clear with no apparent odor present. The home is on public water the water meter does work and there is a holding tank in the basement of the house. There was no well head on the property manholes were for surface drains and electric. One large manhole was used for LPG tank. Only three (2) liter containers were collected from this location.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1931TW002-NS**	Sampler:	John Wright
Location:	1931	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Pinetamare

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A
✖	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A

General Notes

Size: 112/9/2008: Sample not collected and marked as "CNX" on schedule. Rescheduled for 7/6/2009 and cancelled again. Samples (Tap water-soil-soil gas-and ambient air) never collected.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1945TW002**	Sampler:	Chuck Meyer
Location:	1945	Sample Date:	07/02/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:25	14:30	5	Clear	7.69	0.310	6.93	0.0	22.05	476	0.01	TDS = 0.202 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/02/09	14:30	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-262
✓	07/02/09	14:30	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	2	Plastic - PE	2L	None	ED00000090-262

General Notes

Size: 1The sample was collected from the kitchen tap. There was no aerator on the tap and the water was purged for 5 minute prior to collecting the sample. The sample was collected for rad speciation only 3 two liter bottles. The house was on public water confirmed with information from both the tenant and landlord. The water was clear with no apparent odor present.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1964TW002**	Sampler:	Chuck Meyer
Location:	1964	Sample Date:	06/29/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Water Softener	System Bypass for Sampling	N
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Monteruscello

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
09:25	09:30	5	Clear	7.32	0.704	8.81	0.0	20.88	555	0.02	TDS = 0.450 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/29/09	9:30	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-262
✓	06/29/09	9:30	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	2	Plastic - PE	2L	None	ED00000090-262

General Notes

Size: 1The house is on public water. The sample was collected from the kitchen sink after removing the aerator and allowing the system to puirge for 5 minutes. The water was clear with no apparent odor present. The home has a water softner which could not be by-passed for sampling. The tenant indicated that when using the hot water she got a slick feeling from the water. Personnel ran water quality parameters at high temprature and could not duplicate the feeling. The parameters were pretty much the same as previously noted.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1969TW002**	Sampler:	Chuck Meyer
Location:	1969	Sample Date:	06/24/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Lago Patria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:27	11:32	5	Clear	7.19	0.384	7.38	0.0	20.23	476	0.01	TDS 0.250 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/24/09	11:32	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-259
✓	06/24/09	11:32	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-259

General Notes

Size: 1House on city water with plastic 1500 L holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**1989TW001**	Sampler:	Robin Clark
Location:	1989	Sample Date:	02/19/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Filtration	System Bypass for Sampling	N
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Acerra

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:10	14:15	5	Clear	7.97	0.299	11.72	0.0	9.56	471	0.0	TDS - 0.19 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/19/09	14:10	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-90
✓	02/19/09	14:10	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-84
✓	02/19/09	14:10	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-90
✓	02/19/09	14:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-86
✓	02/19/09	14:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-86
✓	02/19/09	14:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-86
✓	02/19/09	14:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-86
✓	02/19/09	14:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-86

General Notes

Size: 2Landlord cannot bypass holding tank and says there is not a well onsite. Cannot be confirmed.
Water meter was tested but did not respond much due to holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2002TW001**	Sampler:	Chuck Meyer
Location:	2002	Sample Date:	05/14/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Caserta

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:06	11:12	6	Clear	7.19	0.284	10.67	0.1	17.97	574	0.01	TDS: 0.185g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/14/09	11:03	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS	ED00000090-222
✓	05/14/09	11:03	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-219
✓	05/14/09	11:03	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-222
✓	05/14/09	11:03	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-221
✓	05/14/09	11:03	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-221
✓	05/14/09	11:03	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-221
✓	05/14/09	11:03	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-221
✓	05/14/09	11:03	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-221

General Notes

Size: 1The sample was collected from the kitchen tap. The aerator was removed after the metals and cyanide samples. The tap was flamed and allowed to purge for 6 minutes prior to collecting the rest of the sample was collected. The water was clear with no odor or sheen noted. The apartment complex is serviced by public water and the apartment had a separate water meter which when turned off stopped the water to the tap.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2003TW001**	Sampler:	Chuck Conrad
Location:	2003	Sample Date:	12/16/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Marcianise

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:15	10:20	5	Clear	7.21	0.797	9.37	0.0	14.92	477	0.0	TDS = 0.51 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/16/08	10:20	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-10
✓	12/16/08	10:20	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-10
✓	12/16/08	10:20	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-10
✓	12/16/08	10:20	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-10
✓	12/16/08	10:20	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-11
✓	12/16/08	10:20	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-10
✓	12/16/08	10:20	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-10
✓	12/16/08	10:20	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-10
✓	12/16/08	10:20	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-10

General Notes

Size: 1No bypass on holding tank. Many water meters outside parco gate. Only one water line going into Parco.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2003TW002**	Sampler:	Charlie Warino
Location:	2003	Sample Date:	04/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Marcianise

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
09:26	09:31	5	Clear	7.02	0.784	7.05	0.0	16.42	589	0.02	0.502

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/09/09	9:31	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-182
✓	04/09/09	9:31	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-182

General Notes

Size: 2Water sample collected from kitchen sink. Water is from municipal source however it is stored in a 500L plastic tank which has not been cleaned recently.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2006TW001**	Sampler:	Katie Conrad
Location:	2006	Sample Date:	01/26/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Bagnoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:30	09:35	5	Clear	7.28	0.67	7.85	5	13.92	606	0.0	TDS = 0.43 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/26/09	9:35	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-48
✓	01/26/09	9:35	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-48
✓	01/26/09	9:35	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-48
✓	01/26/09	9:35	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-48
✓	01/26/09	9:35	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-48
✓	01/26/09	9:35	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/26/09	9:35	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-48
✓	01/26/09	9:35	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-48
✓	01/26/09	9:35	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/26/09	9:35	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-48
✓	01/26/09	9:35	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-46

General Notes

Size: 4House on city water
water meter checked and running
no holding tank
no well on property

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2016TW001**	Sampler:	Chuck Conrad
Location:	2016	Sample Date:	01/17/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa Literno

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
15:10	15:15	5	Clear	7.09	1.2	3.33	14	23.72	304	0.1	TDS = 0.8 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/17/09	15:15	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	8	Plastic - PE	1L	Possible Speciation	ED00000090-34
✓	01/17/09	15:15	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-34
✓	01/17/09	15:15	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-34
✓	01/17/09	15:15	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-34
✓	01/17/09	15:15	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-34
✓	01/17/09	15:15	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-34
✓	01/17/09	15:15	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-34
✓	01/17/09	15:15	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-34
✓	01/17/09	15:15	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-32

General Notes

Size: 2500 L holding tank on property completely disconnected from water system.
Property on well water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2016TW002**	Sampler:	Chuck Meyer
Location:	2016	Sample Date:	04/20/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa Literno

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
12:04	12:09	5	Clear	6.87	1.10	3.59	0.0	18.85	277	0.03	TDS: 0.704g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/20/09	12:04	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-195
✓	04/20/09	12:04	Ra228-Sr90	EPA 904-905	HNO3 <2 pH	1	Plastic - PE	1Gal	None	ED00000090-195

General Notes

Size: 1The sample was collected from the kitchen sink after removing the aerator and purging for five minutes. The tenant and land lord both indicated that the water supply was ground water. The tenant indicated that the water supply well had been changed from a shallow well 10 meters deep when they first moved in to a deep well at 40 meters deep. The plumbing and holding tank from the shallow well were still located onsite but were disconnected. The samples collected this day were for radiation speciation only.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2017TW001**	Sampler:	Charlie Warino
Location:	2017	Sample Date:	04/08/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
02:40	02:45	5	Clear	6.97	0.777	5.67	0.0	18.83	5.54	0.02	TDS = 0.497

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/08/09	14:36	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-183
✓	04/08/09	14:36	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-179
✓	04/08/09	14:36	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-179
✓	04/08/09	14:36	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-179
✓	04/08/09	14:36	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-179
✓	04/08/09	14:36	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-178
✓	04/08/09	14:36	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-183
✓	04/08/09	14:36	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-179

General Notes

Size: 1House on city water - no holding tank - no well on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2018TW001**	Sampler:	Robin Clark
Location:	2018	Sample Date:	02/10/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Filtration	System Bypass for Sampling	N
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:02	14:07	5	Clear	7.42	0.751	8.12	18.3	12.32	380	0.0	TDS = 0.48 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/10/09	14:02	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-70
✓	02/10/09	14:02	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-71
✓	02/10/09	14:02	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-71
✓	02/10/09	14:02	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-71
✓	02/10/09	14:02	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	8	Plastic - PE	1L	None	ED00000090-71
✓	02/10/09	14:02	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-71
✓	02/10/09	14:02	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-71

General Notes

Size: 2House on city water according to the LL and water parameter readings (i.e. chlorine salinity and conductivity)- LL reports that there is a well onsite but it is disconnected. The well appears to be located under a pile of rubble. Was unable to confirm that the well was disconnnected so extra RAD bottles were collected.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2021TW001**	Sampler:	Mike Jaynes
Location:	2021	Sample Date:	03/07/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Giugliano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:00	11:05	5	Clear	7.35	0.829	8.72	0.2	16.58	338	0.0	TDS = 0.53 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/07/09	11:05	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-117
✓	03/07/09	11:05	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-117
✓	03/07/09	11:05	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-115
✓	03/07/09	11:05	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-117
✓	03/07/09	11:05	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-117
✓	03/07/09	11:05	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-119
✓	03/07/09	11:05	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-117
✓	03/07/09	11:05	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-119

General Notes

Size: 2House is a Duplex on one well. Could not get power to the top unit to be rented but because all water is coming from same source sample was collected from bottom floor kitchen where landlord is living.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2023TW001**	Sampler:	Katie Conrad
Location:	2023	Sample Date:	01/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Aversa

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:05	13:10	5	Clear	7.14	0.9	5.87	16	12.07	324	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/09/09	13:10	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-19
✓	01/09/09	13:10	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-18
✓	01/09/09	13:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-19
✓	01/09/09	13:10	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-19
✓	01/09/09	13:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-19
✓	01/09/09	13:10	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-19
✓	01/09/09	13:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-19
✓	01/09/09	13:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-19
✓	01/09/09	13:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-19

General Notes

Size: 2Yellow apartment building with grass in front of the area for rent.
House on city water - no holding tank - no well on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2030TW001**	Sampler:	Patrick Leonard
Location:	2030	Sample Date:	11/26/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	N	Water Treatment System	Y
Type of Treatment	Water Softener	System Bypass for Sampling	N
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Capodichino

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:35	09:40	5	Clear	7.20	1.00	10.30	0	12.17	391	0.1	TDS = 0.6 units

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/26/08	9:40	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✓	11/26/08	9:40	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	2	Plastic - PE	1L	None	N/A
✓	11/26/08	9:40	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✓	11/26/08	9:40	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✓	11/26/08	9:40	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A
✓	11/26/08	9:40	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	N/A
✓	11/26/08	9:40	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✓	11/26/08	9:40	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✓	11/26/08	9:40	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 3Team for sampling on 11/26/2008 - PL/CK/SC
Unsure of public or private water source. Water continued to run after gate valve for city water supply turned off. LL present and stated no well present at property. No sign of well on property during inspection. No tenant occupied at this time - only LL present during sampling.
Separate faucet from water softener system - not faucet sampled. The system may be blended. With the water meter shut off water continued to run there was no holding tank onsite.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2032TW001**	Sampler:	Mike Jaynes
Location:	2032	Sample Date:	03/14/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal di Principie

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:50	13:55	5	Clear	7.48	1.09	3.71	3.1	14.15	201	0.03	TDS - 0.697 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/14/09	14:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-131
✓	03/14/09	14:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-131
✓	03/14/09	14:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-131
✓	03/14/09	14:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-131
✓	03/14/09	14:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-131
✓	03/14/09	14:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-127
✓	03/14/09	14:00	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-128
✓	03/14/09	14:00	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-128

General Notes

Size: 1House on a private well. Sample collected from kitchen sink. No holding tank. No water treatment.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2034TW001-NS**	Sampler:	Chuck Conrad
Location:	2034	Sample Date:	01/13/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✘	N/A	N/A	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	N/A
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	N/A
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A

General Notes

Size: 2Attempted to visit property on 01/12/09 and 01/13/09. On both days soil gas and Phase II teams waited over 2 hours. The land lord didn't show up either day despite multiple phone calls. Finally the land lord would not talk to Housing representive and shut his cell phone off.
No samples taken at this location.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2035TW001**	Sampler:	Robin Clark
Location:	2035	Sample Date:	01/20/09
QC Duplicate ID:	FDTW012009-01	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	CasalNuovo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:00	13:05	5	Clear	6.88	1.07	8.21	19.1	15.72	637	0.0	TDS = 0.7 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/20/09	13:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-35
✓	01/20/09	13:00	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-36
✓	01/20/09	13:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-36
✓	01/20/09	13:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-36
✓	01/20/09	13:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-36
✓	01/20/09	13:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-36
✓	01/20/09	13:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-36
✓	01/20/09	13:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-36
✓	01/20/09	13:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-36

General Notes

Size: 1Apartment located above the Centro Meridiano shopping mall. Apartment is on city water - no holding tank - no well on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2040TW001**	Sampler:	Robin Clark
Location:	2040	Sample Date:	02/10/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Caserta

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:10	10:15	5	Clear	7.14	0.567	9.78	0.7	12.78	345	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/10/09	10:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-71
✓	02/10/09	10:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-71
✓	02/10/09	10:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-71
✓	02/10/09	10:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-71
✓	02/10/09	10:10	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-70
✓	02/10/09	10:10	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-71
✓	02/10/09	10:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-71

General Notes

Size: 1House is on city water. The holding tank is cleaned and maintained by the building management company. There was a water meter.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2044TW001**	Sampler:	Katie Conrad
Location:	2044	Sample Date:	01/23/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casoria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:05	10:10	5	Clear	7.12	0.32	8.53	0	12.05	617	0.0	TDS = 0.21 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/23/09	10:10	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-44
✓	01/23/09	10:10	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-44
✓	01/23/09	10:10	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/23/09	10:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-44
✓	01/23/09	10:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-44
✓	01/23/09	10:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-44
✓	01/23/09	10:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-44
✓	01/23/09	10:10	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/23/09	10:10	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-43
✓	01/23/09	10:10	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-44
✓	01/23/09	10:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-44

General Notes

Size: 3White with green shutters - three-story apartment building. An Italian tenant is currently occupying the apartment.
Coordinates provided lead directly to the address.
The house is on city water - the water meter was working and there was no holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2045TW001**	Sampler:	Robin Clark
Location:	2045	Sample Date:	01/15/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casoria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:20	12:25	5	Clear	7.21	0.397	9.71	18.5	11.46	349	0.0	TDS = 0.26 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/15/09	12:17	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	9	Glass - Clear	40ml vials	Lab QC - run MS/MSD	ED00000090-27
✓	01/15/09	12:17	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	3	Plastic - PE	250ml	Lab QC - run MS/MSD	ED00000090-27
✓	01/15/09	12:17	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	6	Glass - Amber	1L	Lab QC - run MS/MSD	ED00000090-27
✓	01/15/09	12:17	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-27
✓	01/15/09	12:17	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	3	Plastic - PE	250ml	Lab QC - run MS/MSD	ED00000090-27
✓	01/15/09	12:17	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-25
✓	01/15/09	12:17	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	9	Glass - Amber	1L	Lab QC - run MS/MSD	ED00000090-27
✓	01/15/09	12:17	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	6	Glass - Amber	1L	Lab QC - run MS/MSD	ED00000090-27
✓	01/15/09	12:17	Anions	SW-846 9056/Lab SOPs M1505	4°C	3	Plastic - PE	250ml	Lab QC - run MS/MSD	ED00000090-27

General Notes

Size: 1The house is on city water - the water meter was working and there was no holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2049TW001**	Sampler:	Robin Clark
Location:	2049	Sample Date:	02/04/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Giugliano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:35	10:40	5	Clear	7.19	0.404	10.29	13.3	12.61	545	0.0	TDS = 0.26 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/04/09	10:35	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-63
✓	02/04/09	10:35	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-63
✓	02/04/09	10:35	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-63
✓	02/04/09	10:35	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-61
✓	02/04/09	10:35	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-63
✓	02/04/09	10:35	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-63
✓	02/04/09	10:35	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-63

General Notes

Size: 2The house is on city water
the water meter was working and there was no holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2051TW001**	Sampler:	Robin Clark
Location:	2051	Sample Date:	01/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Guigliano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:45	09:50	5	Clear	7.05	0.494	10.73	1.1	9.50	498	0.0	TDS=0.32 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/16/09	9:45	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-29
✓	01/16/09	9:45	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-28
✓	01/16/09	9:45	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-28
✓	01/16/09	9:45	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-28
✓	01/16/09	9:45	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-28
✓	01/16/09	9:45	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-28
✓	01/16/09	9:45	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-28
✓	01/16/09	9:45	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-28
✓	01/16/09	9:45	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-28

General Notes

Size: 2The house is on city water
the water meter was working. There was also a well onsite used for irrigation only with a holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2055TW001**	Sampler:	Robin Clark
Location:	2055	Sample Date:	01/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:40	13:45	5	Clear	7.14	1.00	8.77	6.9	12.24	579	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/16/09	13:40	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-29
✓	01/16/09	13:40	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-28
✓	01/16/09	13:40	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-28
✓	01/16/09	13:40	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-28
✓	01/16/09	13:40	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-28
✓	01/16/09	13:40	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-28
✓	01/16/09	13:40	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-28
✓	01/16/09	13:40	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-28
✓	01/16/09	13:40	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-28

General Notes

Size: 2The house is on city water
the water meter was working and there was no holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2060TW001**	Sampler:	Katie Conrad
Location:	2060	Sample Date:	01/22/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Marano Di Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:40	09:45	5	Clear	7.38	0.784	9.74	1.3	11.83	409	0.0	TDS = 0.50

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/22/09	9:45	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-40
✓	01/22/09	9:45	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-40
✓	01/22/09	9:45	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-40
✓	01/22/09	9:45	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-40
✓	01/22/09	9:45	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-40
✓	01/22/09	9:45	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-40
✓	01/22/09	9:45	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-40
✓	01/22/09	9:45	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-41
✓	01/22/09	9:45	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-40

General Notes

Size: 3Currently there is an Italian family living here. The house is a beige colored duplex with a red roof and one story.
The house is on city water
the water meter was working and there was no holding tank

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2065TW001**	Sampler:	Robin Clark
Location:	2065	Sample Date:	01/21/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:12	12:17	5	Clear	7.42	1.07	9.87	15.6	13.77	504	0.0	TDS = 0.7 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/21/09	12:12	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-38
✓	01/21/09	12:12	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-38
✓	01/21/09	12:12	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-38
✓	01/21/09	12:12	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-39
✓	01/21/09	12:12	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-38
✓	01/21/09	12:12	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-38
✓	01/21/09	12:12	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-38
✓	01/21/09	12:12	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-38
✓	01/21/09	12:12	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-38

General Notes

Size: 1Chlorine test results not available. See Residential Water Inspection Log for water source information. Source of water during interview and inspection determined to be public/city water. The water meter was working and there was no holding tank

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2071TW001**	Sampler:	James Goerdt
Location:	2071	Sample Date:	03/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Quarto

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
15:30	15:35	5	Clear	7.41	0.660	7.78	0.0	14.37	332	0.02	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/09/09	15:40	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-119
✓	03/09/09	15:40	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-117
✓	03/09/09	15:40	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-117
✓	03/09/09	15:40	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-117
✓	03/09/09	15:40	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-118
✓	03/09/09	15:40	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-117
✓	03/09/09	15:40	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-117
✓	03/09/09	15:40	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-119

General Notes

Size: 2The house is on city water
The water meter was working and there was a 1000 liter holding tank onsite

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2073TW001**	Sampler:	Katie Conrad
Location:	2073	Sample Date:	01/21/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Quarto

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:15	10:20	5	Clear	7.20	0.75	7.47	3	13.60	588	0.0	TDS = 0.48

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/21/09	10:20	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-38
✓	01/21/09	10:20	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-38
✓	01/21/09	10:20	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-38
✓	01/21/09	10:20	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-38
✓	01/21/09	10:20	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-39
✓	01/21/09	10:20	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-38
✓	01/21/09	10:20	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-38
✓	01/21/09	10:20	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-38
✓	01/21/09	10:20	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-38

General Notes

Size: 3The water meter did not work
but when the water was shut off to the house
the water in the bathroom stopped. The house is on city water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2074TW001**	Sampler:	Robin Clark
Location:	2074	Sample Date:	02/06/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Cipriano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
15:34	15:39	5	Clear	7.13	0.833	8.79	0.0	13.35	291	0.0	TDS = 0.53 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/06/09	15:34	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-67
✓	02/06/09	15:34	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-67
✓	02/06/09	15:34	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-67
✓	02/06/09	15:34	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-67
✓	02/06/09	15:34	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-67
✓	02/06/09	15:34	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-67
✓	02/06/09	15:34	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-66

General Notes

Size: 1The house is on city water - the water meter was working and there was no holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2075TW001**	Sampler:	Robin Clark
Location:	2075	Sample Date:	01/23/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Cipriano D"Aversa

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:12	09:17	5	Clear	7.12	0.984	8.27	0.0	14.65	605	0.0	TDS = 0.63 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/23/09	9:12	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-43
✓	01/23/09	9:12	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-44
✓	01/23/09	9:12	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/23/09	9:12	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-44
✓	01/23/09	9:12	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-44
✓	01/23/09	9:12	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-44
✓	01/23/09	9:12	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-44
✓	01/23/09	9:12	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-44
✓	01/23/09	9:12	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-44
✓	01/23/09	9:12	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/23/09	9:12	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-44

General Notes

Size: 2The house is on city water
the water meter was working and there was no holding tank

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2077TW001**	Sampler:	Robin Clark
Location:	2077	Sample Date:	02/05/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Marcellino

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:10	12:15	5	Clear	7.20	0.928	8.45	2.4	12.95	570	0.0	0.59

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/10/09	12:05	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-71
✓	02/10/09	12:05	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-70
✓	02/10/09	12:05	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-71
✓	02/10/09	12:05	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-71
✓	02/10/09	12:05	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-71
✓	02/10/09	12:05	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-71
✓	02/10/09	12:05	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-71

General Notes

Size: 2Feb. 05 2009 - house didn't have electricity upon arrival and water couldn't be sampled. The landlord eventually got electricity to the house but there was a holding tank in line that could not be blocked. There was old water sitting that tank that would have been sampled. Landlord asked to clean tank - make sure water flows to the taps and reschedule.
Feb 10 2009 - returned to house - holding tank cleaned and inline - water meter working - collected sample.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2078TW001**	Sampler:	Katie Conrad
Location:	2078	Sample Date:	01/22/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Santa Barbara

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:55	14:00	5	Clear	7.47	0.564	8.92	3.0	13.85	637	0.0	TDS = 0.36 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/22/09	14:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-40
✓	01/22/09	14:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-40
✓	01/22/09	14:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-40
✓	01/22/09	14:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-40
✓	01/22/09	14:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-40
✓	01/22/09	14:00	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-40
✓	01/22/09	14:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-40
✓	01/22/09	14:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-41
✓	01/22/09	14:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-40

General Notes

Size: 1The water has been turned off in the apartment for about two years. There was no way for the landlord to turn the water back on. Instead the apartment above was sampled because it is on the same city water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2079TW001**	Sampler:	Robin Clark
Location:	2079	Sample Date:	02/03/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Succivo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:47	10:52	5	Clear	7.11	0.893	7.96	0.0	13.66	562	0.0	TDS = 0.57 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/03/09	10:47	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-60
✓	02/03/09	10:47	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-58
✓	02/03/09	10:47	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-60
✓	02/03/09	10:47	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-60
✓	02/03/09	10:47	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-60
✓	02/03/09	10:47	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-60
✓	02/03/09	10:47	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-60

General Notes

Size: 1The house is on city water - there was a holding tank present - no evidence of a well.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2080TW001**	Sampler:	Robin Clark
Location:	2080	Sample Date:	02/03/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Succivo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:19	13:24	5	Clear	7.14	0.876	7.95	0.0	13.07	688	0.0	TDS =0.56 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/03/09	13:15	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-60
✓	02/03/09	13:15	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-60
✓	02/03/09	13:15	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-60
✓	02/03/09	13:15	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-58
✓	02/03/09	13:15	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-60
✓	02/03/09	13:15	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-60
✓	02/03/09	13:15	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-60

General Notes

Size: 1The house is on city water - there was no holding tank present - no evidence of a well.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2081TW001**	Sampler:	Robin Clark
Location:	2081	Sample Date:	01/22/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Succivo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:18	11:23	5	Clear	7.05	0.83	6.63	16	12.81	590	0.0	TDS = 0.53 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/22/09	11:18	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-40
✓	01/22/09	11:18	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-40
✓	01/22/09	11:18	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-40
✓	01/22/09	11:18	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-40
✓	01/22/09	11:18	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-40
✓	01/22/09	11:18	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-40
✓	01/22/09	11:18	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-40
✓	01/22/09	11:18	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-41
✓	01/22/09	11:18	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-40

General Notes

Size: 1The house is on city water - there was no holding tank present - no evidence of a well.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2082TW001**	Sampler:	Robin Clark
Location:	2082	Sample Date:	01/23/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Succivo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:48	14:53	5	Clear	7.13	0.920	8.75	0.4	12.67	607	0.0	TDS: 0.59 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/23/09	14:48	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-44
✓	01/23/09	14:48	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-44
✓	01/23/09	14:48	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-44
✓	01/23/09	14:48	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/23/09	14:48	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-44
✓	01/23/09	14:48	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-44
✓	01/23/09	14:48	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-44
✓	01/23/09	14:48	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Hold at lab until further instruction from TtNUS	ED00000090-47
✓	01/23/09	14:48	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-44
✓	01/23/09	14:48	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-44
✓	01/23/09	14:48	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-43

General Notes

Size: 1The house is on city water - there was a holding tank present - no evidence of a well.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2090TW001**	Sampler:	Charlie Warino
Location:	2090	Sample Date:	04/02/09
QC Duplicate ID:	2090TW001	MS/MSD:	MS/MSD

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Baia

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:08	10:13	5	Clear	7.34	0.714	6.41	0.0	17.35	405	0.02	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/02/09	9:55	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	9	Glass - Clear	40ml vials	Run MS/MSD	ED00000090-168
✓	04/02/09	9:55	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-166
✓	04/02/09	9:55	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	6	Glass - Amber	1L	Run MS/MSD	ED00000090-168
✓	04/02/09	9:55	Anions	SW-846 9056/Lab SOPs M1505	4°C	3	Plastic - PE	250ml	Run MS/MSD	ED00000090-168
✓	04/02/09	9:55	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-167
✓	04/02/09	9:55	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	3	Plastic - PE	250ml	Run MS/MSD	ED00000090-168
✓	04/02/09	9:55	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-167
✓	04/02/09	9:55	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	3	Plastic - PE	250ml	Run MS/MSD	ED00000090-168

General Notes

Size: 2MS/MSD collected
The house is on city water - the water meter was working and there was no holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2093TW001**	Sampler:	Robin Clark
Location:	2093	Sample Date:	02/02/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Water Softener	System Bypass for Sampling	Y
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	Y
Other	N/A	Geographic Area	Giugliano in Campana

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:01	10:06	5	Clear	7.22	0.727	9.69	12.3	11.20	592	0.0	TDS = 0.47 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/02/09	10:10	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-55
✓	02/02/09	10:10	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-56
✓	02/02/09	10:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-56
✓	02/02/09	10:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-56
✓	02/02/09	10:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-56
✓	02/02/09	10:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3 <2 pH	1	Plastic - PE	250ml	None	ED00000090-56
✓	02/02/09	10:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-56

General Notes

Size: 1The house is on city water - the water meter was working and there was a 1000 liter holding tank onsite and a water softner which was bypassed for sampling

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2096TW001-NS**	Sampler:	John Wright
Location:	2096	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Gricignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A

General Notes

Size: 1Sample planned for 2/3/2009. Sample not collected and marked as "CNX" on schedule.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2102TW001**	Sampler:	Robin Clark
Location:	2102	Sample Date:	02/19/09
QC Duplicate ID:	FDTW021909-01	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Caserta

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:16	11:21	5	Clear	7.50	0.743	8.61	16.1	9.56	317	0.0	TDS = 0.47 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/19/09	11:16	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-90
✓	02/19/09	11:16	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-86
✓	02/19/09	11:16	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-86
✓	02/19/09	11:16	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-90
✓	02/19/09	11:16	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-86
✓	02/19/09	11:16	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-86
✓	02/19/09	11:16	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-84
✓	02/19/09	11:16	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-86

General Notes

Size: 1The house is on city water - the water meter was working and there were two holding tanks osite one was 2000 liters and the second was 5000 liters.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2103TW001**	Sampler:	Robin Clark
Location:	2103	Sample Date:	02/20/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Lucrino

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:30	10:35	5	Clear	7.21	0.791	9.99	0.0	13.08	562	0.0	TDS = 0.51 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/20/09	10:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-89
✓	02/20/09	10:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-87
✓	02/20/09	10:30	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-97
✓	02/20/09	10:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-89
✓	02/20/09	10:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-89
✓	02/20/09	10:30	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-97
✓	02/20/09	10:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-89
✓	02/20/09	10:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-89

General Notes

Size: 1The house is on city water - the water meter was working and there was no holding tank. There was also a well onsite used for irrigation and pool filling.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2105TW001**	Sampler:	Robin Clark
Location:	2105	Sample Date:	02/25/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Maddaloni CE

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:50	09:55	5	Clear	6.94	0.310	10.90	50.5	11.55	549	0.0	TDS = 0.20 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/25/09	9:50	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-96
✓	02/25/09	9:50	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-96
✓	02/25/09	9:50	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-96
✓	02/25/09	9:50	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-97
✓	02/25/09	9:50	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-96
✓	02/25/09	9:50	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-96
✓	02/25/09	9:50	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-95
✓	02/25/09	9:50	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-97

General Notes

Size: 1The house is on city water - the water meter was working and there was no holding tank. There was also a well on the property used for irrigation

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2106TW001**	Sampler:	Robin Clark
Location:	2106	Sample Date:	02/25/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casoria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:15	14:20	5	Clear	7.28	0.746	9.75	15.2	12.51	603	0.0	TDS = 0.48 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/25/09	14:15	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-96
✓	02/25/09	14:15	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-96
✓	02/25/09	14:15	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-95
✓	02/25/09	14:15	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-97
✓	02/25/09	14:15	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-97
✓	02/25/09	14:15	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-96
✓	02/25/09	14:15	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-96
✓	02/25/09	14:15	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-96

General Notes

Size: 1The house is on city water - the water meter was working and there was a 1500 liter holding tank onsite used in only low pressure situations There is also a well located onsite which appears to be used only for irrigation.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2107TW001-NS**	Sampler:	Robin Clark
Location:	2107	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Vomero

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✘	N/A	N/A	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 1No soil gas could be collected. Therefore no water sample was to be collected. Sample planned for 2/26/2009. Sample not collected and marked as "CNX" on schedule.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2108TW001**	Sampler:	Patrick Leonard
Location:	2108	Sample Date:	02/28/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Acerra-urban area

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:07	12:12	5	Clear	6.87	0.318	11.19	3.5	11.83	442	0.0	TDS: 0.21 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/28/09	12:16	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-106
✓	02/28/09	12:16	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-108
✓	02/28/09	12:16	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-106
✓	02/28/09	12:16	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-104
✓	02/28/09	12:16	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-108
✓	02/28/09	12:16	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-106
✓	02/28/09	12:16	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-106
✓	02/28/09	12:16	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-106

General Notes

Size: 2White bldg. four stories high with green and white fence.
There are two holding tanks on-site (approx. 1000 & 500 L). City water runs directly into house lines and up to apartments (5 located in bldg) with a separate line running to holding tanks and a pump that is used to keep water pressure up. There is a well on the property in garden area but it is soley used for garden and not connected in any fashion to house water system.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2109TW001-NS**	Sampler:	Steve Cooper
Location:	2109	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A
✘	N/A	N/A	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A

General Notes

Size: 4Not sampled. Tap water and soil samples were not collected because no soil-gas was collected per protocol as directed. In addition there are no grass or garden areas to collect soil samples from. Soil-gas samples were not collected for the following reasons: The building is a multi-storied apartment building. Ground floor is tiled and not appropriate for drilling purposes. Landlord (LL) of apartment is not property owner. Property owned by an association.
Sample planned for 3/3/2009. Tap water sample not collected and marked as "CNX" on schedule.
Note - this apartment is part of a terraced complex and has been dug into the side of the hills above Naples. During recon it was discovered that beneath part of the basement there is supporting foundation exposed and that the exposed portion was 3 to 4 meters tall. Whether the actual foundation is that thick would need further inquiry by future sampling personnel. It appears that the building is partially sitting on a terrace and partially on flat ground that was cut out of the hill. The possible sampling location would be through the black top of the parking area behind building.
It should also be noted that address given to sample team was incorrect. Housing personnel gave the address as Via Caravaggio No. 19 and telephone contact with LL gave the number as Via Caravaggio No. 119.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2110TW001**	Sampler:	Chuck Conrad
Location:	2110	Sample Date:	02/26/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Naples

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:00	11:05	5	Clear	7.46	0.87	8.04	0	13.26	538	0.0	TDS = 0.56 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/26/09	11:05	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-100
✓	02/26/09	11:05	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-100
✓	02/26/09	11:05	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-108
✓	02/26/09	11:05	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-100
✓	02/26/09	11:05	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-100
✓	02/26/09	11:05	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-98
✓	02/26/09	11:05	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-108
✓	02/26/09	11:05	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-100

General Notes

Size: 1The house is on city water - the water meter was working and there was no holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2111TW001**	Sampler:	Mike Jaynes
Location:	2111	Sample Date:	03/14/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casoria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:05	11:10	5	Clear	7.33	0.341	7.92	0.0	14.71	306	0.01	TDS - 0.222 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/14/09	11:15	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-131
✓	03/14/09	11:15	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-138
✓	03/14/09	11:15	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-127
✓	03/14/09	11:15	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-131
✓	03/14/09	11:15	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-131
✓	03/14/09	11:15	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-131
✓	03/14/09	11:15	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-138
✓	03/14/09	11:15	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-131

General Notes

Size: 1Apartment complex includes 4 apartments. Collected sample from first floor (not basement) apartment - first in line from the public water source. Setup for complex includes holding tank that cannot be bypassed automatically but is only activated when pressure is low. According to the landlord the water for the 4 apts. had not been used in almost 3 years.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2112TW001**	Sampler:	Mike Jaynes
Location:	2112	Sample Date:	03/18/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Afragola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:23	10:28	5	Clear	7.35	0.307	9.72	0.0	13.65	608	0.01	TDS - 0.20 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/18/09	10:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-135
✓	03/18/09	10:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-135
✓	03/18/09	10:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-135
✓	03/18/09	10:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-135
✓	03/18/09	10:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-135
✓	03/18/09	10:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-136
✓	03/18/09	10:30	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-138
✓	03/18/09	10:30	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-138

General Notes

Size: 1Apartment is owned by American landlord/tenant and is located on the top floor (6th floor) of Parco Saint Antonio. Water source is public/city water. System includes a water meter at the street and a large holding tank (10000 L) that serves the entire Parco and could not be bypassed. No water treatment.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2113TW001**	Sampler:	William Olson
Location:	2113	Sample Date:	03/20/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Aversa

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
2:11	2:16	5	Clear	7.17	0.910	7.77	5.5	13.35	290	0.0	tds 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/20/09	14:17	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-142
✓	03/20/09	14:17	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-143
✓	03/20/09	14:17	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-145
✓	03/20/09	14:17	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-142
✓	03/20/09	14:17	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-142
✓	03/20/09	14:17	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-145
✓	03/20/09	14:17	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-142
✓	03/20/09	14:17	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-142

General Notes

Size: 1Apt. on city water. 2000 L tank in basement. No access to water meter. Tank disinfected 6 months ago.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2114TW001**	Sampler:	Charlie Warino
Location:	2114	Sample Date:	04/04/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Parete

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:05	10:10	5	Clear	7.26	0.439	10.45	0.2	14.86	560	0.01	TDS: 0.268

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/04/09	10:10	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-183
✓	04/04/09	10:10	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-183
✓	04/04/09	10:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-176
✓	04/04/09	10:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-176
✓	04/04/09	10:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-176
✓	04/04/09	10:10	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-173
✓	04/04/09	10:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-176
✓	04/04/09	10:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-176

General Notes

Size: 3Metals and cyanide collected in the kitchen -
unabled to take the areator off the rest of the samples were collected in the bathroom.
The house is on city water - the water meter was working and there was a 1000 liter holding tank located onsite

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2115TW001**	Sampler:	Patrick Leonard
Location:	2115	Sample Date:	03/25/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Frignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:09	14:14	5	Clear	7.06	0.902	6.48	0.5	15.58	536	0.02	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/25/09	14:07	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-154
✓	03/25/09	14:07	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-154
✓	03/25/09	14:07	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-149
✓	03/25/09	14:07	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-149
✓	03/25/09	14:07	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-149
✓	03/25/09	14:07	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-149
✓	03/25/09	14:07	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-151
✓	03/25/09	14:07	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-149

General Notes

Size: 1House appears to be on city water but has a well on premise. It looks like the well is connected to the house water system and appears to be closed at the moment by a simple gate valve. During the interview process LL stated that well water is used during periods of low water pressure from city lines. Due to the variety of lines entering and exiting and language difficulties with LL sample team was unable to verify conclusively either water sources--LL unable to adequately explain water system to sample team. Contacted FOL (Keith Simpson) and got okay to sample residence. During sampling water pressure dropped to the point of no flow. LL could not explain no flow of water to sample team. At some point enough water began to flow again....and sampling proceeded. After sampling concluded and water team left the soil-gas team noted that the pumps for the water system suddenly began to function

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2116TW001**	Sampler:	William Olson
Location:	2116	Sample Date:	03/28/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Marcellino

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
9:00	9:05	5	Clear	6.95	1.16	6.02	0.7	15.92	291	0.03	TDS = 0.738 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/28/09	9:05	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-158
✓	03/28/09	9:05	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-158
✓	03/28/09	9:05	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-158
✓	03/28/09	9:05	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-157
✓	03/28/09	9:05	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-158
✓	03/28/09	9:05	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-167
✓	03/28/09	9:05	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-158
✓	03/28/09	9:05	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-167

General Notes

Size: 7Home not sampled for tap water at time of ASG.
During interview process LL stated that he was currently only on well water. There is a water meter for city water but line ends abruptly. LL stated he would obtain city water when he had an American tenant. It was also revealed that LL had not cleaned tank in over 6 years. Sample team opened tank and observed a layer of sediment in holding tank approx. 1 inch thick. Sample team decided based on this body of evidence not to sample. LL advised to clean holding tank and reschedule appointment for tap water. Soil-gas was sampled at this residence.

Tap Water sampled on 03/28

Sample ID updated from 2116PW001 to 2116TW001 after the initial COCs issued to SGS for this sample. The COC was reissued with the revised ID. JSW-03/30/09.
Again the public water service shut off pending rental - there was a water meter which was not working. There is a well onsite currently being used for supply. The LL indicated he would turn the public water back on when he had an American tenant.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2117TW001**	Sampler:	Charlie Warino
Location:	2117	Sample Date:	03/31/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Trentola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:16	11:21	5	Clear	7.05	1.04	8.56	5.5	15.25	503	0.0	TDS: 0.7g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/31/09	11:16	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-162
✓	03/31/09	11:16	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-162
✓	03/31/09	11:16	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-162
✓	03/31/09	11:16	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-167
✓	03/31/09	11:16	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-167
✓	03/31/09	11:16	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-162
✓	03/31/09	11:16	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-162
✓	03/31/09	11:16	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-164

General Notes

Size: 1The house is on city water there was a water meter which was not working. There was no holding tank osite. Due to chlorine and ORP readings it might be public water but can not confirm.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2118TW001**	Sampler:	Charlie Warino
Location:	2118	Sample Date:	03/31/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Parette

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
14:02	14:07	5	Clear	7.48	0.68	9.25	4.8	16.35	498	0.0	TDS: 0.43g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/31/09	14:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-162
✓	03/31/09	14:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-162
✓	03/31/09	14:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-162
✓	03/31/09	14:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-162
✓	03/31/09	14:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-162
✓	03/31/09	14:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-163
✓	03/31/09	14:00	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-167
✓	03/31/09	14:00	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-167

General Notes

Size: 1The house is on city water - the water meter was working and there was a 1000 liter holding tank onsite.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2128TW001-NS**	Sampler:	John Wright
Location:	2128	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Trentola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A
✘	N/A	N/A	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	None	N/A
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 1Sample planned for 5/4/2009. Sample not collected and marked as "CNX" on schedule.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2130TW001**	Sampler:	James Goerdt
Location:	2130	Sample Date:	04/02/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Marcellino

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
9:45	9:50	5	Clear	7.03	0.96	8.3	0.0	15.15	557	0.0	TDS= 0.6

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/02/09	9:50	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-168
✓	04/02/09	9:50	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-168
✓	04/02/09	9:50	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-168
✓	04/02/09	9:50	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-168
✓	04/02/09	9:50	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-167
✓	04/02/09	9:50	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-166
✓	04/02/09	9:50	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-167
✓	04/02/09	9:50	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-168

General Notes

Size: 1The house is on city water - the water meter was working and there was no holding tank

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2139TW001**	Sampler:	James Goerdt
Location:	2139	Sample Date:	04/04/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Bacoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:59	10:04	5	Clear	7.39	0.723	10.09	0.0	16.4	424	0.0	TDS = 0.46

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/04/09	10:06	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-173
✓	04/04/09	10:06	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-176
✓	04/04/09	10:06	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-183
✓	04/04/09	10:06	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-176
✓	04/04/09	10:06	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-176
✓	04/04/09	10:06	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-183
✓	04/04/09	10:06	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-176
✓	04/04/09	10:06	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-176

General Notes

Size: 1The house is on city water - the water meter was working and there was a 500 liter holding tank onsite. In addition there is a well in line that was turned off at the time of sampling using a ball valve that is currently used for irrigation. The LL indicated during low pressure it could be used to supplement the system.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2140TW001**	Sampler:	Charlie Warino
Location:	2140	Sample Date:	04/08/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casoria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
9:28	9:33	5	Clear	7.17	1.53	6.50	1.5	16.91	249	0.05	TDS = 0.977 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/08/09	9:26	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-183
✓	04/08/09	9:26	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-179
✓	04/08/09	9:26	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-179
✓	04/08/09	9:26	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-179
✓	04/08/09	9:26	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-178
✓	04/08/09	9:26	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-179
✓	04/08/09	9:26	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-183
✓	04/08/09	9:26	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-179

General Notes

Size: 1TW sample collected from kitchen tap.The house is on city water - the water meter was working and there was no holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2150TW001**	Sampler:	Charlie Warino
Location:	2150	Sample Date:	04/23/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Marcellino

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:46	13:51	5	Clear	6.95	0.946	5.72	0.0	19.46	304	0.03	TDS 0.605

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/23/09	13:51	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-198
✓	04/23/09	13:51	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-214
✓	04/23/09	13:51	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-197
✓	04/23/09	13:51	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-197
✓	04/23/09	13:51	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-197
✓	04/23/09	13:51	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-197
✓	04/23/09	13:51	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-197
✓	04/23/09	13:51	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-214

General Notes

Size: 1The house is on city water - the water meter was working and there was an ~2000L metal holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2151TW001**	Sampler:	Chuck Meyer
Location:	2151	Sample Date:	04/27/09
QC Duplicate ID:	N/A	MS/MSD:	MS/MSD

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
9:14	9:19	5	Clear	7.43	0.692	6.83	0.0	17.49	525	0.02	TDS 0.443 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/27/09	9:12	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-214
✓	04/27/09	9:12	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	6	Glass - Amber	1L	Run also MS/MSD	ED00000090-203
✓	04/27/09	9:12	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	3	Plastic - PE	250ml	Run also MS/MSD	ED00000090-203
✓	04/27/09	9:12	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	9	Glass - Clear	40ml vials	Run also MS/MSD	ED00000090-203
✓	04/27/09	9:12	Anions	SW-846 9056/Lab SOPs M1505	4°C	3	Plastic - PE	250ml	Run also MS/MSD	ED00000090-203
✓	04/27/09	9:12	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	3	Plastic - PE	250ml	Run also MS/MSD	ED00000090-203
✓	04/27/09	9:12	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-214
✓	04/27/09	9:12	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-204

General Notes

Size: 2MS/MSD volumes collected for SGS analysis (not Bac-T or GEL Rad samples).
The house is on city water - the water meter was working and there was no holding tank

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2152TW001**	Sampler:	Charlie Warino
Location:	2152	Sample Date:	04/22/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villaricca

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:05	10:10	5	Clear	7.34	0.685	6.49	0.2	17.14	521	0.02	TDS 0.439 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/22/09	10:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-194
✓	04/22/09	10:10	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-194
✓	04/22/09	10:10	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-194
✓	04/22/09	10:10	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-195
✓	04/22/09	10:10	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-195
✓	04/22/09	10:10	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-194
✓	04/22/09	10:10	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-193
✓	04/22/09	10:10	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-194

General Notes

Size: 3Sample collected from bathroom due to kitchen having no sink.
The house is on city water
the water meter was working and there was no holding tank

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2153TW001**	Sampler:	Chuck Meyer
Location:	2153	Sample Date:	05/07/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villaricca

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:25	13:30	5	Clear	7.15	0.794	6.46	0.0	19.07	534	0.02	TDS: 0.508g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/07/09	13:23	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-212
✓	05/07/09	13:23	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-212
✓	05/07/09	13:23	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-212
✓	05/07/09	13:23	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-213
✓	05/07/09	13:23	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-214
✓	05/07/09	13:23	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-212
✓	05/07/09	13:23	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-212
✓	05/07/09	13:23	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-214

General Notes

Size: 1There was public water to the apartment complex and a water meter located on the balcony. Meter ran when the water was running and off when the water was turned off. A ball valve before the meter was turned off and no water ran. No holding tank on the premises.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2154TW001**	Sampler:	Chuck Meyer
Location:	2154	Sample Date:	04/28/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Aversa

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:29	10:34	5	Clear	7.13	0.927	6.46	0.0	17.72	539	0.02	TDS 0.593 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	04/28/09	10:26	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-205
✓	04/28/09	10:26	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-214
✓	04/28/09	10:26	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-206
✓	04/28/09	10:26	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-206
✓	04/28/09	10:26	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-206
✓	04/28/09	10:26	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-206
✓	04/28/09	10:26	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-214
✓	04/28/09	10:26	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-206

General Notes

Size: 1The house is on city water the water meter was working and there was a 5000 liter metal holding tank onsite used only when water pressure was low.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2155TW001-NS**	Sampler:	John Wright
Location:	2155	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Quarto

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	N/A
✘	N/A	N/A	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	N/A
✘	N/A	N/A	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	None	N/A
✘	N/A	N/A	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	250ml	None	N/A
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 1Sample planned for 5/5/2009. Sample not collected and marked as "CNX" on schedule.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**2156TW001**	Sampler:	Chuck Meyer
Location:	2156	Sample Date:	05/04/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Trentola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:29	10:34	5	Clear	7.14	0.891	6.065	0.0	17.74	597	0.02	TDS 0.570 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/04/09	10:27	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-210
✓	05/04/09	10:27	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-209
✓	05/04/09	10:27	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000090-214
✓	05/04/09	10:27	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-209
✓	05/04/09	10:27	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-209
✓	05/04/09	10:27	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000090-214
✓	05/04/09	10:27	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-209
✓	05/04/09	10:27	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-209

General Notes

Size: 1The house is on public water. The water meter was checked and working with a ball valve for shut off. No holding tank on the premises.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**FQ07TW001**	Sampler:	Patrick Leonard
Location:	FQ07	Sample Date:	12/17/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	x	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Downtown Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:10	10:15	5	Clear	7.34	0.802	9.51	0	19.04	331	0.0	TDS = 0.55 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/17/08	10:14	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-12
✓	12/17/08	10:14	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000090-12
✓	12/17/08	10:14	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000090-13
✓	12/17/08	10:14	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-12
✓	12/17/08	10:14	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-12
✓	12/17/08	10:14	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000090-12
✓	12/17/08	10:14	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-12
✓	12/17/08	10:14	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-12
✓	12/17/08	10:14	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000090-12

General Notes

Size: 1The samples were taken from the staff kitchen because the family kitchen's faucet head could not be removed. Steward assisted us. The house is on city water - the water meter was working and there was a 1000 liter metal holding tank located onsite. The holding tank hasn't been cleaned for two years.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0185TW001-NS**	Sampler:	Keith Simpson
Location:	0185	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 3Step out home- on city water
no well
no water sample as per QAPP

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0225IW001**	Sampler:	John Wright
Location:	0225	Sample Date:	06/08/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
13:45	13:55	10	Clear	7.31	1.12	6.00	0.0	25.02	218	0.03	TDS = 0.717

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	06/08/09	13:56	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-19

General Notes

Size: 1Sample collected from Irrigation Well source. Irrigation water used to water lawn and exterior use per landlord interview. However during water source inspection the private well water line was observed entering the garage area where the interior water holding tank is located. There is a public water line and private well line both with valves which merge together just after the individual valves. There is a water meter after the two sources merge. Both valves were open at the time of the inspection. The private well valve was closed and the tank pump to deliver water to the house was unpluged to verify that the exterior tap sampled was not coming from the public source.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0231IW001**	Sampler:	Katie Conrad
Location:	0231	Sample Date:	01/07/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	x	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:00	10:05	5	Clear	6.88	1.2	0.75	32	11.26	276	0.1	TDS = 0.89 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/07/09	10:05	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 1Private well source. Garden hose/tap used for source. House is on city water with a 1000L holding tank. Took a VOA sample from the garden hose/tap which is on well water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0234TW001**	Sampler:	Luke Irvine
Location:	0234	Sample Date:	07/24/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:47	11:52	5	Clear	6.84	1.13	10.15	0.0	26.53	241	0.03	TDS= 0.725 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/24/09	11:53	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-24

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0269TW001**	Sampler:	Chuck Meyer
Location:	0269	Sample Date:	05/08/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:15	11:25	10	Clear	6.87	4.10	8.53	0.0	20.56	229	0.03	TDS: 0.706g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/08/09	11:25	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-16

General Notes

Size: 1The landlord indicated that the home was still on well water he owns the two units. The well is located on the other property and personnel did not have access to that property. The sample was collected from the kitchen sink after removing the aerator and purging for 10 minutes due to the tenant not being there for the last month and a half. The water was clear with no oder or sheen present

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0275IW001-NS**	Sampler:	Katie Conrad
Location:	0275	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

General Notes

Size: 1No well water sampled - enter details from Scheduling (not scheduled for Tap Water).

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0276IW001**	Sampler:	Mike Jaynes
Location:	0276	Sample Date:	03/06/09
QC Duplicate ID:	FDIW030609-01	MS/MSD:	MS/MSD

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
12:15	12:30	15	Slightly Turbid	7.50	1.26	8.95	6.5	13.46	325	0.1	TDS - 0.8g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/06/09	12:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	9	Glass - Clear	40ml vials	Run MS/MSD	ED00000093-12

General Notes

Size: 2Upon inspection of the well setup it was confirmed that the well can be activated at any time for irrigation or blending with city water. Collected MS/MSD samples for VOCs at this location also Field Duplicate collected.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0279TW001-NS**	Sampler:	Keith Simpson
Location:	0279	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 226 Aug 2009-Step out home on city water no well on property
no TW sample collected per QAPP.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0288IW001**	Sampler:	Chuck Conrad
Location:	0288	Sample Date:	03/02/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:00	10:10	10	Clear	7.10	1.3	5.50	5	14.02	258	0.1	TDS = 0.8 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/02/09	10:10	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-11

General Notes

Size: 1Property has both public and well water options. Both are still hooked up and can be alternated by switching two valves. The sample was taken from a outside tap (on house's the interior plaza) from a line directly branched from the well which is used for irrigation.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0326TW001**	Sampler:	Luke Irvine
Location:	0326	Sample Date:	07/17/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:07	10:12	5	Clear	6.71	1.09	3.91	0.0	22.13	265	0.03	TDS = 0.711 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/17/09	10:12	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-22

General Notes

Size: 1House is on well water - confirmed with chlorine test results of 0.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0329TW001-NS**	Sampler:	Keith Simpson
Location:	0329	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 225 July 2009 - Step out home on city water no well on property
no TW sample collected per QAPP

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0339TW001**	Sampler:	Luke Irvine
Location:	0339	Sample Date:	07/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:41	10:51	10	Clear	6.77	1.11	3.96	0.0	22.27	264	0.03	TDS = 0.712 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/16/09	10:51	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-22

General Notes

Size: 1House on well water - and confirmed on well water. Chlorine test confirms house is only on well water. Landlord and tentant confirmed there is no public water going into the house. No water treatment system under sink.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0341IW001-NS**	Sampler:	Katie Conrad
Location:	0341	Sample Date:	02/07/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 2Visited house on 2/7/2009:
The landlord told us there has never been a well on the property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0343TW001**	Sampler:	Luke Irvine
Location:	0343	Sample Date:	07/17/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	x	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Not Known	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:57	15:02	5	Clear	7.11	2.03	6.55	0.0	28.23	190	0.07	TDS = 1.30 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/17/09	15:02	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-22

General Notes

Size: 1Tap in back of house on wall was the only source without chlorine. Therefore the sample was taken from this location. Water in house and front yard appear to be on city water as chlorine was found in water. Landlord was unknowledge about well sorce only that city water comes in from the street - however city water meter seems to be broken as it didn't move when house water or front yard was turned on. No treatment system present or holding tank.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0345IW001-NS**	Sampler:	Patrick Leonard
Location:	0345	Sample Date:	02/06/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

General Notes

Size: 22/6/2009:
The house has been converted over to city water. The well water has been disconnected from the house and garden. It was not possible to sample well water as the electricity to it was shut off too.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0354TW001**	Sampler:	Chuck Conrad
Location:	0354	Sample Date:	02/18/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:40	14:45	5	Clear	6.75	1.2	3.34	3	13.45	304	0.1	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/18/09	14:48	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-8

General Notes

Size: 5house on well water
-
Landlord contact numbers:
cell: 347-072-4783
house: 081-816-4107

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0361IW001-NS**	Sampler:	Katie Conrad
Location:	0361	Sample Date:	02/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 1Visited the house on 2/9/2009. No sample was taken because the house and garden are all on city water. The house was never on well water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0371IW001-NS**	Sampler:	Chuck Meyer
Location:	0371	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 14/23/09 - location not sampled for water.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0374TW001-NS**	Sampler:	Luke Irvine
Location:	0374	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 27/22/2009: The house is on city water. There is no well on property. As a planned step out the team did not sample the house (ASG and ambient air collected - see logs).

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0410IW001-NS**	Sampler:	Chuck Conrad
Location:	0410	Sample Date:	02/28/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	N	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	N
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	Clear	6.83	0.91	8.33	14	14.37	380	0.0	TDS = 0.58 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 22/28/2009:
No sample collected. Property on city water and not well. Verified by shutting off valve and chlorine test and salinity test.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0416IW001**	Sampler:	Robin Clark
Location:	0416	Sample Date:	02/27/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	NA
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:00	14:15	15	Clear	7.63	0.765	6.78	4.5	16.10	345	0.1	TDS = 0.8 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/27/09	14:15	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-10

General Notes

Size: 1Sample location has city water and a private well. Investigation of residence water system indicated that well water could be blended into residence water system by means of a simple gaten valve (currently closed) Residence has a blended system - well water can be mixed. For this sample we only collected well water. Well is located in backyard near driveway that leads down into garage.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0427PW001**	Sampler:	Mike Jaynes
Location:	0427	Sample Date:	03/27/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
14:36	14:41	5	Clear	6.94	1.21	8.47	2.8	13.88	310	0.1	TDS = 0.8 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/27/09	14:45	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-13

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0436IW001**	Sampler:	Katie Conrad
Location:	0436	Sample Date:	02/17/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:37	10:50	13	Clear	6.74	1.27	5.42	5.7	12.29	313	0.1	TDS: 0.8g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/17/09	10:50	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-6

General Notes

Size: 2This is a step out house. The house is on city water
but the garden has well water. Took the sample from the yard fountain/spout.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0462IW001**	Sampler:	Robin Clark
Location:	0462	Sample Date:	02/24/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Casal Di Principe

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
09:20	09:35	15	Clear	6.99	1.19	8.58	29.0	15.12	326	0.1	TDS = 0.8 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/24/09	9:35	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-9

General Notes

Size: 142/13/09
Well on property feeds only to faucets in courtyard. House on city water.
sample collected on Feb 13 was not shipped due to very high chlorine.
2/17/09
returned to site on Feb 17 with Mike Jaynes and Simona.
LL onsite
has been running water from spigot for 2 hours.
well not connected to outside spigot. well has been disconnected 3 years. We will not collected sample today. LL willing to connect well for samping at a later date.
chlorine reading 0.7 = 0.15
2/24/09
return to house
LL here
has been running water for 15 minutes. chlorine check = 0.0. took off hose
continue to run water additional 15 minutes. checked water meter - it is not running. confirmed that we are on the well water. updated coordinates (were incorrect)

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**0815TW001-NS**	Sampler:	Keith Simpson
Location:	0815	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 19/5/2009: House scheduled but no water sample collected. This step out home is on on city water with no well at house.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**1593TW001-NS**	Sampler:	John Wright
Location:	1593	Sample Date:	N/A
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 17/27/2009: Location cancelled and not sampled. Duplicate of Location ID 1846.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**1621TW001**	Sampler:	Luke Irvine
Location:	1621	Sample Date:	07/22/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Cipriano D'Aversa

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:27	10:33	6	Clear	6.84	1.13	6.82	0.0	24.34	249	0.03	TDS: 0.720g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/22/09	10:33	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-24

General Notes

Size: 1house now on city water. asked the LL if we could sample well water. well disconnected on property. water sampled from the well next door.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**1847IW001**	Sampler:	Katie Conrad
Location:	1847	Sample Date:	02/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Exterior	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Other
Other	Ran water for awhile since the sample is coming from a well.	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	Clear	6.72	1.1	4.5	7	15.37	273	0.1	TDS = 0.7 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/09/09	13:21	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000093-3

General Notes

Size: 4Took a step out sample from the spout located outside which is connected to a well. The house is on city water. The well head is buried because the landlord had someone steal his pump before.
Additional note added on April 3
2009 (JSW) - note that this sample was a Phase II home at which an opportunistic "Step-Out" well sample was collected (in addition to the TW sample). This sample was shipped to the laboratory as noted on the analysis record
but a decision was made by the project team to not analyze this sample (not in scope).

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**1850TW002-NS**	Sampler:	Luke Irvine
Location:	1850	Sample Date:	07/27/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 107/27/2009: Sampled not collected. House is on city water and no well on property.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Step-Out Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000093)

Sample ID:	**1995IW001-NS**	Sampler:	Chuck Conrad
Location:	1995	Sample Date:	02/17/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	N/A
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	-Select-	Water Run for Sampling	N/A
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	-Select-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	N/A

General Notes

Size: 22/17/2009 - House not sampled for VOCs because there is not a well on property.
4/17/2009 - Note added by JSW: To clarify this location (1995) was located outside of the Step-Out area and was sampled prior to realizing that this location was not in the correct area. The address was correct but the city was not correct. This sample is therefore not to be used in the data set or evaluation for the Step-Out phase. The data may be used if needed for the Phase II data evaluation.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**0143TW001**	Sampler:	Chuck Conrad
Location:	0143	Sample Date:	12/18/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	-Select-	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Water Softener	System Bypass for Sampling	N
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Bacoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:55	10:00	5	Clear	7.19	0.576	8.82	0.0	13.65	377	0.02	TDS = 0.369 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/18/08	10:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-7
✓	12/18/08	10:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-8
✓	12/18/08	10:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	10:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	10:00	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-7
✓	12/18/08	10:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	10:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	10:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	10:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-7

General Notes

Size: 4Landlord disconnected water tank from system for cleaning and disenfecting and will reconnect it to the system in the near future. So sampling did not include water tank.
Landlord claims water softener is not connected to system but it the valves to and from it were still open.
There 7 water meters outside
only one had valves to close. The water meter for the house was the last one on the bottom left. The water in the kitchen did not slow or stop when this was closed.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**0154TW001**	Sampler:	Robin Clark
Location:	0154	Sample Date:	12/16/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	BACOLI

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:22	11:27	5	Clear	7.29	0.83	7.28	7	14.09	507	0	TDS 0.52g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/16/08	11:22	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-3
✓	12/16/08	11:22	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	11:22	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	11:22	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-4
✓	12/16/08	11:22	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	11:22	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	11:22	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-3
✓	12/16/08	11:22	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	11:22	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-3

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**0163TW001**	Sampler:	Robin Clark
Location:	0163	Sample Date:	12/16/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Bacoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:00	10:05	5	Clear	7.30	0.86	7.74	7	14.51	391	0	TDS = 0.55 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/16/08	10:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	10:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-4
✓	12/16/08	10:00	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-3
✓	12/16/08	10:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	10:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	10:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	10:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	10:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	10:00	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-3

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**0567TW001**	Sampler:	Chuck Kelly
Location:	0567	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Castel Volturno

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:25	09:30	5	Clear	6.77	0.358	15.97	0.9	12.81	414	0.01	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	9:25	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:25	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	9:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10
✓	12/19/08	9:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:25	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:25	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1135TW001**	Sampler:	Mike Jaynes
Location:	1135	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola-Giugliano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:20	09:25	5	Clear	7.24	0.445	10.60	0	10.93	440	0	TDS - 0.29

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	9:25	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	9:25	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:25	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:25	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9
✓	12/19/08	9:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1169TW001**	Sampler:	Mike Jaynes
Location:	1169	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola-Giugliano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:50	10:55	5	Clear	7.67	0.439	10.98	0	11.82	535	0	TDS - 0.29

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	10:55	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	10:55	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10
✓	12/19/08	10:55	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	10:55	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	10:55	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	10:55	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	10:55	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9
✓	12/19/08	10:55	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	10:55	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9

General Notes

Size: 3Could not verify water meter operation for specific location. Meter is shared by 4 units and is located in a unit that we did not have access to. LL confirmed address on appointment sheet provided by housing (#44)
but unit sampled actually is labeled with a 40 at the man-gate where GPS coordinates were taken.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1737TW002**	Sampler:	Chuck Meyer
Location:	1737	Sample Date:	07/02/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa Di Briano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:20	09:25	5	Clear	6.73	0.984	8.66	0.0	24.69	413	0.03	TDS = 0.620 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/02/09	9:16	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	1Gal	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000092-16
✓	07/02/09	9:16	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-14
✓	07/02/09	9:16	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-14
✓	07/02/09	9:16	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000092-15
✓	07/02/09	9:16	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-14
✓	07/02/09	9:16	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-14
✓	07/02/09	9:16	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-14
✓	07/02/09	9:16	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000092-16

General Notes

Size: 1Split sample were collected with the supervisor of the local comune aqua supply and his contractors and TtNUS at this location. The sample was collected from the kitchen tap after collecting metals and cyanide. TtNUS collected 2) 250 ml bottles one preserved with HNO3 for metals and one preserved with NaOH for cyanide the commune only took 1) 250 ml bottle preserved with HNO3 for both metals and cyanide. The tap was than flamed using alcohal and a cotton ball for 5 seconds. The aerator was removed and the system was purged for 5 minutes. Bacteria was collected mext TtNUS collected one (1) liter poly spiked with Sodium Thiosulfate. They collected (1) 500 ml poly preserved with Sodium Thiosulfate. Voc's were collected by TtNUS using (3) VOA Vials spiked with HCl They used (3) 250 ml brown poly bottles for there sample with no spike. Dioxin/furrans were the last of the split samples TtNUS collected (2) one liter amber glass bottles. They collected (1) one liter poly for there analysis. The last split sample was collected for Anions. They collected (1) 250 amber poly unspiked and TtNUS collected (1) 250 ml clear poly with no preservative. In addition TtNUS collected (3) two liter bottles for Rad analysis which was not split with them.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1737WM001**	Sampler:	Terry Rojahn
Location:	1737	Sample Date:	07/02/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	x	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Not Known	Water Run for Sampling	Y
Other	N/A	Geographic Area	Villa Di Briano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:05	10:18	13	Clear	6.94	0.942	4.53	0.0	22.11	496	0.03	TDS = 0.592 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	07/02/09	10:18	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-14
✓	07/02/09	10:18	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-14
✓	07/02/09	10:18	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-14
✓	07/02/09	10:18	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-14
✓	07/02/09	10:18	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-14
✓	07/02/09	10:18	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000092-15
✓	07/02/09	10:18	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS	ED00000092-16
✓	07/02/09	10:18	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	2	Plastic - PE	2L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS	ED00000092-16

General Notes

Size: 3Thre sample was collected from a public fountain/spigot in the front of the Piazza San Pio De Pietrelcina. Tetra Tech NUS (TtNUS) collected the metals (1) 250 ml poly spiked with HNO3 and cyanide (1) 250 ml poly spiked with NaOH first. The water supply people collected 1 250 ml poly for both metals and cyanide preserved with HNO3. The tap was flamed with a small blow tourch for 10 seconds and purging was begin. After 5 minutes bacteria was collected they used 500 ml preserved with sodium Thiosulfate TtNUS took a one 1 liter. VOC samples were collected next They used 3) brown 250 poly bottles unspiked
TTNUS used (3) 40 ml VOA vials preserved with HCL. They collected 1 500 ml poly for Dioxin/Furrans TtNus collected (2) 1 liter amber glass for that analysis. Anions were the last to be split. They collected 1 250ml amber poly with no preservative. TtNUS collected 1 250 ml clear poly with no preservative
TtNUS also collected (3) 2 liter poly's preserved with HNO3 for Rad parameters which were not split.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1887TW003**	Sampler:	Katie Conrad
Location:	1887	Sample Date:	01/16/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
9:10	9:15	5	Clear	6.71	0.9	3.37	5	11.01	274	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/16/09	9:15	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-13

General Notes

Size: 1Performed the chlorine test twice and got the same results. The LL stated that the water treatment plant is far from the house.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1919TW001**	Sampler:	Robin Clark
Location:	1919	Sample Date:	01/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Arco Felice

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:30	09:35	5	Clear	7.07	0.808	9.30	8.8	9.27	456	0.0	TDS = 0.52 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/09/09	9:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	9:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	9:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-11
✓	01/09/09	9:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	9:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-12
✓	01/09/09	9:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-12
✓	01/09/09	9:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-12
✓	01/09/09	9:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-12
✓	01/09/09	9:30	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-12

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1930TW001**	Sampler:	Robin Clark
Location:	1930	Sample Date:	12/18/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:00	11:05	5	Clear	7.51	0.50	7.74	38	12.45	585	0.0	TDS = 0.32 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/18/08	11:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-7
✓	12/18/08	11:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:00	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-7
✓	12/18/08	11:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-8

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1940TW001**	Sampler:	Robin Clark
Location:	1940	Sample Date:	01/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Parete

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:09	11:14	5	Clear	7.29	0.638	9.25	8.8	10.69	250	0.0	TDS = 0.41 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/09/09	11:09	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-12
✓	01/09/09	11:09	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	11:09	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	500ml	None	ED00000092-12
✓	01/09/09	11:09	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-12
✓	01/09/09	11:09	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	11:09	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	500ml	None	ED00000092-12
✓	01/09/09	11:09	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-11
✓	01/09/09	11:09	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-12
✓	01/09/09	11:09	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-12

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1941TW001**	Sampler:	Robin Clark
Location:	1941	Sample Date:	12/15/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Monte Di Procida

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
09:25	09:30	5	Clear	7.20	0.86	7.30	0	14.06	350	0.0	TDS = 0.55 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/15/08	9:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-1
✓	12/15/08	9:25	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	9:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-1
✓	12/15/08	9:25	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	9:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	9:25	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-1
✓	12/15/08	9:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-2
✓	12/15/08	9:25	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-1
✓	12/15/08	9:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-1

General Notes

Size: 1Additional sampler: Simona Campobasso

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1942TW001**	Sampler:	Robin Clark
Location:	1942	Sample Date:	01/09/09
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Succivo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:30	12:35	5	Clear	7.17	0.925	8.65	4.4	13.40	548	0.0	TDS = 0.59 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/09/09	12:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	12:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-11
✓	01/09/09	12:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-12
✓	01/09/09	12:30	RAD (Gross Alpha/Gross Beta)	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-12
✓	01/09/09	12:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-12
✓	01/09/09	12:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-12
✓	01/09/09	12:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	500ml	None	ED00000092-12
✓	01/09/09	12:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	500ml	None	ED00000092-12
✓	01/09/09	12:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-12

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1943TW001**	Sampler:	Robin Clark
Location:	1943	Sample Date:	12/15/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzuoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:00	11:05	5	Clear	7.39	0.78	7.25	0	14.08	533	0	TDS: 0.50g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/15/08	11:00	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-1
✓	12/15/08	11:00	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-1
✓	12/15/08	11:00	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	11:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-1
✓	12/15/08	11:00	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	11:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-2
✓	12/15/08	11:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	11:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-1
✓	12/15/08	11:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-1

General Notes

Size: 1additional sampler: Simona Campobasso

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1945TW001**	Sampler:	Chuck Conrad
Location:	1945	Sample Date:	12/16/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:25	12:30	5	Clear	7.32	0.639	9.87	2.4	13.59	536	0.0	TDS=041 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/16/08	12:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	12:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	12:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	12:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	12:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	12:30	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-3
✓	12/16/08	12:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-4
✓	12/16/08	12:30	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-3
✓	12/16/08	12:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-3

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1946TW001**	Sampler:	Chuck Conrad
Location:	1946	Sample Date:	12/17/08
QC Duplicate ID:	N/A	MS/MSD:	MS/MSD

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Moderate	Water Run for Sampling	Y
Other	N/A	Geographic Area	Trentola Ducenta

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:30	09:35	5	Clear	7.07	0.668	7.60	0.5	13.49	403	0.02	TDS = 0.428 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/17/08	9:35	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	9	Glass - Amber	1L	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	3	Plastic - PE	250ml	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	3	Plastic - PE	250ml	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	9	Glass - Clear	40ml vials	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	3	Plastic - PE	1L	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	MS/MSD completed.	ED00000092-6
✓	12/17/08	9:35	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	6	Glass - Amber	1L	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	6	Glass - Amber	1L	MS/MSD completed.	ED00000092-5
✓	12/17/08	9:35	Anions	SW-846 9056/Lab SOPs M1505	4°C	3	Plastic - PE	250ml	MS/MSD completed.	ED00000092-5

General Notes

Size: 2MS/MSD done at this house. Labels do not have "MS/MSD done" on them.
Well and Holding Tank on site but not connected to water system.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1947TW001**	Sampler:	Robin Clark
Location:	1947	Sample Date:	12/17/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pozzuoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:40	09:45	5	Clear	7.11	0.61	725	3	13.26	484	0	TDS - 0.39 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/17/08	9:40	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-5
✓	12/17/08	9:40	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	9:40	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-5
✓	12/17/08	9:40	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	9:40	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-6
✓	12/17/08	9:40	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	9:40	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	9:40	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	9:40	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-5

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1960TW001**	Sampler:	Chuck Kelly
Location:	1960	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Teverola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:20	11:25	5	Clear	7.37	0.513	8.92	0.0	12.10	527	0.02	N/A

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	11:20	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9
✓	12/19/08	11:20	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	11:20	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	11:20	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	11:20	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	11:20	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	11:20	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	11:20	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	11:20	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10

General Notes

Size: 1parco coordinates N: 40.99215 E: 14.21239

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1963TW001**	Sampler:	Patrick Leonard
Location:	1963	Sample Date:	12/15/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:20	09:25	5	Clear	7.28	0.99	9.16	2.1	13.19	291	0.0	TDS = 0.6 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/15/08	9:25	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-1
✓	12/15/08	9:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	500ml	None	ED00000092-1
✓	12/15/08	9:25	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	9:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-2
✓	12/15/08	9:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	500ml	None	ED00000092-1
✓	12/15/08	9:25	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-1
✓	12/15/08	9:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-1
✓	12/15/08	9:25	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-1
✓	12/15/08	9:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-1

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1964TW001**	Sampler:	Chuck Conrad
Location:	1964	Sample Date:	12/16/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	Y
Type of Treatment	Water Softener	System Bypass for Sampling	N
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Monterususciello

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:40	13:45	5	Clear	7.37	0.852	9.64	0.0	13.85	491	0.0	TDS = 0.54 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/16/08	13:45	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	13:45	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-3
✓	12/16/08	13:45	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	13:45	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	13:45	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	13:45	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-3
✓	12/16/08	13:45	VOCs	SW-846 5035|8260B|Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-3
✓	12/16/08	13:45	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-3
✓	12/16/08	13:45	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-4

General Notes

Size: 1Well present in Parco complex. Used soley for lawn use throughout the Parco.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1965TW001**	Sampler:	Chuck Conrad
Location:	1965	Sample Date:	12/17/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
11:53	11:58	5	Clear	7.09	0.695	8.28	0.0	14.36	540	0.02	TDS = 0.445 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/17/08	11:58	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	11:58	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-5
✓	12/17/08	11:58	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	11:58	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	11:58	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	11:58	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-5
✓	12/17/08	11:58	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-6
✓	12/17/08	11:58	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	11:58	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-5

General Notes

Size: 1No well on property. Holding tank and pressure vessel not connected to water system.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1966TW001**	Sampler:	Robin Clark
Location:	1966	Sample Date:	12/17/08
QC Duplicate ID:	FD121708-01	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Licola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:09	11:14	5	Clear	7.53	0.58	7.48	2	13.24	459	0.0	TDS = 0.37 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/17/08	11:09	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	11:09	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-5
✓	12/17/08	11:09	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	11:09	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	11:09	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	11:09	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-5
✓	12/17/08	11:09	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-6
✓	12/17/08	11:09	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-5
✓	12/17/08	11:09	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-5

General Notes

Size: 0

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1967TW001**	Sampler:	Katie Conrad
Location:	1967	Sample Date:	12/18/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Bathroom	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	N/A

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
9:30	9:35	5	Clear	7.23	0.486	10.62	0	12.13	532	0.0	TDS = 0.32 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/18/08	9:35	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-7
✓	12/18/08	9:35	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-8
✓	12/18/08	9:35	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-7
✓	12/18/08	9:35	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	9:35	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	9:35	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	9:35	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	9:35	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	9:35	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-7

General Notes

Size: 1Bypassed the holding tank for sampling.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1968TW001**	Sampler:	Katie Conrad
Location:	1968	Sample Date:	12/18/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Graciano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:25	11:30	5	Clear	7.10	0.976	8.08	12.3	12.64	502	0	TDS = 0.62 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/18/08	11:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-8
✓	12/18/08	11:30	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-7
✓	12/18/08	11:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-7
✓	12/18/08	11:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-7

General Notes

Size: 2There is a holding tank which was cleaned a week ago. However
the tank is empty and has never been used. It was purchased just in case they needed to use it. The building has good water pressure. The tank is currently bypassed.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1969TW001**	Sampler:	Chuck Conrad
Location:	1969	Sample Date:	12/18/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Largo Patria

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:50	11:55	5	Clear	7.50	0.363	7.88	0.0	13.32	570	0.01	TDS = 0.236 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/18/08	11:55	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:55	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-8
✓	12/18/08	11:55	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:55	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-7
✓	12/18/08	11:55	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:55	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-7
✓	12/18/08	11:55	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-7
✓	12/18/08	11:55	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-7
✓	12/18/08	11:55	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-7

General Notes

Size: 2Hold tank connected to system and filled with water. It is only used during times of loss of city water or low water pressure. The tank was cleaned and disenfected with bleach on Dec-10
2008.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1970TW001**	Sampler:	Terry Rojahn
Location:	1970	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Teuerola

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:20	12:25	5	Clear	7.27	0.683	7.25	0	13.42	346	0.02	TDS = 0.437 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	12:25	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9
✓	12/19/08	12:25	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	12:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	12:25	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	12:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	12:25	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	12:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	12:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	12:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10

General Notes

Size: 1none

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1971TW001**	Sampler:	Robin Clark
Location:	1971	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	Y
Removed for Sampling	Y	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Minimal	Water Run for Sampling	Y
Other	N/A	Geographic Area	Gricignano

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:07	11:12	5	Clear	7.21	0.98	6.70	17	14.46	595	0.0	TDS = 0.63 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	11:07	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10
✓	12/19/08	11:07	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	11:07	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	11:07	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	11:07	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	11:07	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	11:07	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	11:07	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	11:07	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9

General Notes

Size: 1Lee Robertson (Tt) and Carlo Autiero (SI)

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Pending Lease Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000092)

Sample ID:	**1980TW001**	Sampler:	Robin Clark
Location:	1980	Sample Date:	12/19/08
QC Duplicate ID:	N/A	MS/MSD:	NA

Source Information

Location of Source	Kitchen	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	N/A	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	None	Water Run for Sampling	Y
Other	N/A	Geographic Area	Napoli

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
09:30	09:35	5	Clear	7.23	0.75	7.39	12	13.08	523	0.0	TDS = 0.48 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/19/08	9:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - PE	1L	None	ED00000092-10
✓	12/19/08	9:30	RAD - Gross Alpha/Gross Beta	SW-846 9310/Lab SOPs M60-800 and 801	4°C/HNO3	1	Plastic - PE	1L	None	ED00000092-9
✓	12/19/08	9:30	SVOCs	SW-846 8270C/8270C SIM/Lab SOP M1295	4°C	3	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000092-9
✓	12/19/08	9:30	Pesticides/PCBs	SW-846 3540C/8081A/8082/Lab SOP M1318	4°C	2	Glass - Amber	1L	None	ED00000092-9
✓	12/19/08	9:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000092-9
✓	12/19/08	9:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000092-9

General Notes

Size: 1Lee Robertson (Tt) and Carlo Autiero (SI)

SOIL SAMPLE LOGS

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0082SS0010006**
Location ID: 0082
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: MS/MSD

Sample Information

Date	02/25/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/25/09	10:25	Trowel	N/A	0-0.5	brown	silty sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/25/09	10:25	VOCs in methanol	SW-846 8260	4°C/MeOH	3	Glass - Clear	40 mL vial (pre-tared)	MS/MSD completed	ED00000090-96
✓	02/25/09	10:25	VOCs	SW-846 8260B	4°C	6	Glass - Clear	40 mL vial (pre-tared)	MS/MSD completed	ED00000090-96
✓	02/25/09	10:25	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	2	Glass - Clear	32 oz. wide-mouth w/Teflon cap	MS/MSD completed	ED00000090-96

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1MS/MSD completed

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0085SS0010006**
Location ID: 0085
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	03/03/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
03/03/09	14:27	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/03/09	14:27	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-109
✓	03/03/09	14:27	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-109
✓	03/03/09	14:27	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-109

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0104SS0010006**
Location ID: 0104
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	01/27/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/27/09	13:50	Trowel	N/A	0-0.5	dark brown	silty-clay

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/27/09	13:50	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-52
✓	01/27/09	13:50	VOCs	SW-846 8260B	4°C	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-52
✓	01/27/09	13:50	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-52

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0114SS0010006-NS**
Location ID: 0114
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	01/10/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✘	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✘	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 301/10/09
Apartment on 3rd floor. Property has no associated lawn area. Mostly cemented area for parking for ground floor stores.
Sample not taken.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0120SS0010006**
Location ID: 0120
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/04/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/04/09	14:22	Hand auger	N/A	0-0.5	dark brown	silty sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/04/09	14:35	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-63
✓	02/04/09	14:35	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-63
✓	02/04/09	14:35	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-63

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0198SS0010006**
Location ID: 0198
QC Duplicate ID: FD011009-01

Sampler: Robin Clark
MS/MSD: MS/MSD

Sample Information

Date	01/10/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/10/09	12:13	Trowel	N/A	0-6	dark brown	very fine silty sand (top soil)

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/10/09	13:00	VOCs in methanol	SW-846 8260	4°C/MeOH	3	Glass - Clear	40 mL vial (pre-tared)	Run MS/MSD	ED00000090-22
✓	01/10/09	13:00	VOCs	SW-846 8260B	4°C	6	Glass - Clear	40 mL vial (pre-tared)	Run MS/MSD	ED00000090-22
✓	01/10/09	13:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	2	Glass - Clear	32 oz. wide-mouth w/Teflon cap	Run MS/MSD	ED00000090-22

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0227SS0010006-NS**
Location ID: 0227
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	N/A	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1No sample taken. No yard--tiled from wall to wall across complete residental property. Small planter approx. 6" tall with tile underneath planter. Top soil is just potting soil brought in to cover 6' by 8' plot.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0246SS0010006**
Location ID: 0246
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/20/08	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/20/08	9:25	VOCs	SW-846 8260B	4°C	6	Glass - Clear	40 mL vial	Run MS/MSD.	N/A
✓	11/20/08	9:25	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	Run MS/MSD.	N/A
✓	11/20/08	9:25	VOCs in methanol	SW-846 8260	4°C/MeOH	3	Glass - Clear	40 mL vial (pre-tared)	Run MS/MSD.	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1Step-out sample for soil only (no soil gas planned). For water - the holding tank is not connected to the house and is no longer used. This house was a step out for soil (water samples were not to be taken).

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0266SS0010006-NS**
Location ID: 0266
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	N/A	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 101/10/09 Yard completely paved. No soil sample collected.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0290SS0010006**
Location ID: 0290
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	02/12/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/12/09	14:51	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/12/09	14:52	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-78
✓	02/12/09	14:52	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-78
✓	02/12/09	14:52	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-78

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1Took three grab samples from backyard grassy area.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0376SS0010006-NS**
Location ID: 0376
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	N/A	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1No soil sample collected at this location because there is no yard at this house.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0393SS0010006-NS**
Location ID: 0393
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	02/05/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 12/5/2009: No yard--only pavement surrounding whole residence. See soil gas log for additional location and sampling notes.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0419SS0010006**
Location ID: 0419
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/07/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/07/09	14:15	Hand auger	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/07/09	14:15	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-69
✓	02/07/09	14:15	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-69
✓	02/07/09	14:15	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-69

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1Sample done in the rain.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0459SS0010006**
Location ID: 0459
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	01/16/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/16/09	16:00	Trowel	N/A	0-0.5	black	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/16/09	16:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-34
✓	01/16/09	16:00	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-34
✓	01/16/09	16:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-34

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0479SS0010006**
Location ID: 0479
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/14/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/14/09	12:15	Trowel	N/A	0-6 in.	dark brown	silty fine sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/14/09	12:14	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-23
✓	01/14/09	12:14	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-23
✓	01/14/09	12:14	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-23

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0488SS0010006-NS**
Location ID: 0488
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/28/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 211/28/08: There was a planter area used for bushes and dogs but not large enough for sampling purposes.
No sample taken.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0502SS0010006**
Location ID: 0502
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	02/12/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/12/09	10:21	Trowel	N/A	0.5	brown	Silty clay with little gravel

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/12/09	10:20	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-78
✓	02/12/09	10:20	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-78
✓	02/12/09	10:20	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-78

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0525SS0010006**
Location ID: 0525
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/02/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/02/09	10:20	Hand auger	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/02/09	10:20	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-56
✓	02/02/09	10:20	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-56
✓	02/02/09	10:20	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-56

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0551SS0010006**
Location ID: 0551
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/11/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/11/09	14:31	Trowel	N/A	0-0.5 ft	dark brown	silty fine sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/11/09	14:30	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-75
✓	02/11/09	14:30	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-75
✓	02/11/09	14:30	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-75

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0552SS0010006**
Location ID: 0552
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/02/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/02/09	13:45	Trowel	N/A	0-6 in.	dark brown	very fine sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/02/09	13:45	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-56
✓	02/02/09	13:45	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-56
✓	02/02/09	13:45	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-56

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0588SS0010006**
Location ID: 0588
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/17/08	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
11/17/08	10:54	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/17/08	10:54	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✓	11/17/08	10:54	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✓	11/17/08	10:54	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0589SS0010006**
Location ID: 0589
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/26/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/26/09	14:55	Trowel	N/A	0-6 in.	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/26/09	14:55	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-100
✓	02/26/09	14:55	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-100
✓	02/26/09	14:55	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial	None	ED00000090-100
✗	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✗	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✗	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0771SS0010006**
Location ID: 0771
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	01/26/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/26/09	14:00	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/26/09	14:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-48
✓	01/26/09	14:00	VOCs	SW-846 8260B	4°C	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-48
✓	01/26/09	14:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-48

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1owners have a dog

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0801SS0010006-NS**
Location ID: 0801
QC Duplicate ID: N/A

Sampler: Steve Cooper
MS/MSD: NA

Sample Information

Date	02/27/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 12/27/2009: No soil sample collected. Property is a three story apartment building yellow with white trim. Large steel black entrance gate. Sample collected in basement with a "dirt" floor.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0813SS0010006-NS**
Location ID: 0813
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/17/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 11/17/2009: No soil sample collected at this location - no yard to sample. A 3-story multi-unit apartment building.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0814SS0010006-NS**
Location ID: 0814
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/23/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 12/23/2009: Residence is located in a multi-unit apartment building. No yard or grassy area to sample - only potted plants.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0837SS0010006-NS**
Location ID: 0837
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	03/02/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 13/2/2009: A four story apartment bldg with a basement. Only soil on property are small patches around lemon trees. Not enough for a sample.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0838SS0010006**
Location ID: 0838
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/18/08	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
11/18/08	13:00	Trowel	N/A	0-0.5	black	damp

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/18/08	13:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✓	11/18/08	13:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✓	11/18/08	13:00	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0894SS0010006**
Location ID: 0894
QC Duplicate ID: FDSS021909-01

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/19/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/19/09	13:00	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/19/09	13:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-86
✓	02/19/09	13:00	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-86
✓	02/19/09	13:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-86

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **0975SS0010006**
Location ID: 0975
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	02/20/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/20/09	12:45	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/20/09	12:45	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-89
✓	02/20/09	12:45	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-89
✓	02/20/09	12:45	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-89

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1120SS0010006**
Location ID: 1120
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/28/08	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
11/28/08	12:00	Trowel	N/A	0-0.5	dark brown	The soil is silty sand with organics.

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/28/08	12:00	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✓	11/28/08	12:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✓	11/28/08	12:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1132SS0010006**
Location ID: 1132
QC Duplicate ID: FDSS022709-01

Sampler: Chuck Meyer
MS/MSD: NA

Sample Information

Date	02/27/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Other

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/27/09	10:30	Trowel	N/A	0-0.5	dark brown	Silty Clay

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/27/09	10:23	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-103
✓	02/27/09	10:23	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-103
✓	02/27/09	10:23	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-103

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1187SS0010006-NS**
Location ID: 1187
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/24/08	Concentration	Not known
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1Property visited on 11/24/08. Covered courtyard with small planters and pots. No soil samples taken.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1190SS0010006-NS**
Location ID: 1190
QC Duplicate ID: N/A

Sampler: John Wright
MS/MSD: NA

Sample Information

Date	12/13/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✘	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✘	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 212/13/08
No samples were taken because the house did not have any grassy areas to be sampled. Scoped location for possible soil gas and left the landlord and tenant consent forms. Could perform near slab sample in the driveway drilling through concrete/ashpalt.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1312SS0010006**
Location ID: 1312
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	03/03/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
03/03/09	10:45	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	03/03/09	10:45	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-109
✓	03/03/09	10:45	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-109
✓	03/03/09	10:45	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-109

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1334SS0010006-NS**
Location ID: 1334
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	12/09/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1Property visited on 12/09/08. Apartment building with no lawn and brick courtyard. No soil sample at this location.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1344SS0010006-NS**
Location ID: 1344
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	12/18/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 2Property visited on 12/18/08.
4th floor apartment - no soil sample collected

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1345SS0010006-NS**
Location ID: 1345
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	12/10/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 3Property visited on 12/10/08.
Bldg has a yard in back
but tenant has no access and gate to yard is locked. No Soil Sample taken.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1346SS0010006-NS**
Location ID: 1346
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/21/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 2Location visited on 11/21/08. House doesn't have a yard.
No soil sample collected.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1355SS0010006-NS**
Location ID: 1355
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/24/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 2Location visited on 11/24/08. Residence doesn't have any yard.
No sample taken.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1363SS0010006**
Location ID: 1363
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: MS/MSD

Sample Information

Date	02/17/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/17/09	14:15	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/17/09	14:15	VOCs	SW-846 8260B	4°C	6	Glass - Clear	40 mL vial (pre-tared)	MS/MSD done	ED00000090-83
✓	02/17/09	14:15	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	2	Glass - Clear	32 oz. wide-mouth w/Teflon cap	MS/MSD done	ED00000090-83
✓	02/17/09	14:15	VOCs in methanol	SW-846 8260	4°C/MeOH	3	Glass - Clear	40 mL vial (pre-tared)	MS/MSD done	ED00000090-83

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1MS/MSD done at house

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1364SS0010006**
Location ID: 1364
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/20/08	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Other

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
11/20/08	12:10	Trowel	N/A	0.0-0.5	brown	Sandy Clay with silt

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	11/20/08	12:10	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✓	11/20/08	12:10	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial	None	N/A
✓	11/20/08	12:10	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1370SS0010006-NS**
Location ID: 1370
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	12/18/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 2Property visited on 12/18/08. The yard/driveway area is all tiled except some planters along the fence which has fruit trees.
No soil sample was taken.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1385SS0010006-NS**
Location ID: 1385
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	12/12/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 2Property visited on 12/12/08. Apartment building without yard.
No soil sample taken.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1401SS0010006-NS**
Location ID: 1401
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/28/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 2Feb 28th 2009:
Location not sampled for soil because of lack of unpaved soil. In addition the location was not sampled for TW or SG.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1402SS0010006-NS**
Location ID: 1402
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/21/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 2Residence visited on 11/21/08. Apartment building with tenant living on the 2nd floor. There was no yard.
No soil sample was taken.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1443SS0010006**
Location ID: 1443
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/21/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/21/09	10:50	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-38
✓	01/21/09	10:50	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-38
✓	01/21/09	10:50	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-38

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1459SS0010006**
Location ID: 1459
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/04/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/04/09	11:29	Hand auger	N/A	0-0.5	brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/04/09	11:30	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-63
✓	02/04/09	11:30	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-63
✓	02/04/09	11:30	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-63

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 6Orange
lemon
cherry
clementine
orange and yellow plum
fig trees in orchard.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1562SS0010006**
Location ID: 1562
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/23/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/23/09	9:30	Trowel	N/A	0-6 in	dark brown	very fine silty sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/23/09	9:30	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-92
✓	02/23/09	9:30	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-92
✓	02/23/09	9:30	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-92

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1569SS0010006**
Location ID: 1569
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	02/03/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/03/09	11:00	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/03/09	11:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-60
✓	02/03/09	11:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-60
✓	02/03/09	11:00	VOCs	SW-846 8260B	4°C	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-60

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1613SS0010006-NS**
Location ID: 1613
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/19/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 2Location visited on 11/19/08. Residence doesn't have any yard only a cobblestone courtyard with small (21') areas for trees.
No sample taken.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1633SS0010006**
Location ID: 1633
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/19/08	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
11/19/08	12:50	Trowel	N/A	0-0.5	dark brown	Silt with some sand and clay.

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/03/08	12:50	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None.	N/A
✓	12/03/08	12:50	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✓	12/03/08	12:50	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1None

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1638SS0010006**
Location ID: 1638
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/26/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/26/09	10:00	Trowel	N/A	0-6 in.	dark brown	silty fine sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/26/09	10:00	VOCs in methanol	SW-846 8260	4°C/MeOH	3	Glass - Clear	40 mL vial (pre-tared)	lab QC - run MS/MSD	ED00000090-48
✓	01/26/09	10:00	VOCs	SW-846 8260B	4°C	6	Glass - Clear	40 mL vial (pre-tared)	lab QC - run MS/MSD	ED00000090-48
✓	01/26/09	10:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	3	Glass - Clear	32 oz. wide-mouth w/Teflon cap	lab QC - run MS/MSD	ED00000090-48

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1749SS0010006**
Location ID: 1749
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/24/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/24/09	10:56	Trowel	N/A	0-6 in.	dark brown	very fine silty sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/24/09	10:57	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-48
✓	01/24/09	10:57	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-48
✓	01/24/09	10:57	VOCs	SW-846 8260B	4°C	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-48

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1soil gas team onsite

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1788SS0010006**
Location ID: 1788
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/16/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/16/09	16:30	Trowel	N/A	0-6 in.	dark brown	fine to coarse sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/16/09	16:45	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-34
✓	01/16/09	16:45	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-34
✓	01/16/09	16:45	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-34

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1794SS0010006-NS**
Location ID: 1794
QC Duplicate ID: N/A

Sampler: Roberta Durante
MS/MSD: NA

Sample Information

Date	02/12/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 12/12/2009: no soil sample taken. See soil gas log for sample collected.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1808SS0010006-NS**
Location ID: 1808
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/09/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 22/9/2009:
House visited and determined to not have a lawn worth a sample. Most of the outside property was tiled. The exceptions were a narrow width of soil that was completely filled with bushes in the front of the property and a very narrow width of soil with lemon trees in the back of the property. They were too small to sample for soil.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1810SS0010006**
Location ID: 1810
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	01/23/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/23/09	16:10	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/23/09	16:10	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-48
✓	01/23/09	16:10	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-48
✓	01/23/09	16:10	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-48

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1Tenant has two little dogs.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1811SS0010006**
Location ID: 1811
QC Duplicate ID: N/A

Sampler: Chuck Kelly
MS/MSD: MS/MSD

Sample Information

Date	12/08/08	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Other

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
12/08/08	9:30	Trowel	N/A	0-0.5	brown	Sandy-silt

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/08/08	9:30	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial	None	ED00000090-2
✓	12/08/08	9:30	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-2
✓	12/08/08	9:30	SVOCs/Pest/PCBs/ Dioxins/Furans/Metals/Cyanide/%Mstr	SW-846 8270C/8081A/8082/8290/6010C/9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-2

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1812SS0010006**
Location ID: 1812
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	01/24/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/24/09	14:00	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/24/09	14:00	VOCs	SW-846 8260B	4°C	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-48
✓	01/24/09	14:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-48
✓	01/24/09	14:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-48

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1813SS0010006**
Location ID: 1813
QC Duplicate ID: N/A

Sampler: Steve Cooper
MS/MSD: NA

Sample Information

Date	02/24/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/24/09	10:50	Trowel	N/A	0-0.5	dark brown	10YR

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/24/09	10:50	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-96
✓	02/24/09	10:50	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-96
✓	02/24/09	10:50	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-96

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1817SS0010006**
Location ID: 1817
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	01/15/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Other

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/15/09	11:20	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-27
✓	01/15/09	11:20	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-27
✓	01/15/09	11:20	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-27

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 5Sampled as Pending Lease 10/8/08.
no GPS coordinates taken.
pending lease OK.
Sample collected in garden ~250 feet east of apt.
Apt. 3 floors with basement.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1827SS0010006**
Location ID: 1827
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/11/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/11/09	10:55	Hand auger	N/A	0-0.5	dark brown	silty sand with rock fragments

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/11/09	10:55	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-75
✓	02/11/09	10:55	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-75
✓	02/11/09	10:55	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-75

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1835SS0010006**
Location ID: 1835
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	02/10/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/10/09	11:46	Trowel	N/A	0.5	brown	Color 7.5YR 3/4

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/10/09	10:30	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	None	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-71
✓	02/10/09	10:30	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-71
✓	02/10/09	10:30	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-71

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1OL-organic silty clay. Sampled both front and back yards--both very small. Two grab samples taken from back and one from front to make composite. VOCs taken from back yard.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1836SS0010006-NS**
Location ID: 1836
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	02/11/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/11/09	9:50	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/11/09	9:50	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	Samples collected but cancelled for shipping - see log notes	N/A
✓	02/11/09	9:50	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	Samples collected but cancelled for shipping - see log notes	N/A
✓	02/11/09	9:50	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	Samples collected but cancelled for shipping - see log notes	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 2Soil samples originally collected for shipping. However soil gas sampling was not possible at this location within 10 feet of building per the SOP. Refer to 1836SG001 soil gas log for further information. Constant refusal at approximately 1 ft below ground surface for the soil gas method. Therefore soil samples were elimnated and individual analysis reversed as not collected and not shipped or allocated to any COC.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1839SS0010006-NS**
Location ID: 1839
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	01/14/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 31/14/2009 visit:
No yard at residence and only a paved (black-top) driveway and a tiled courtyard.
No soil sample taken at this residence.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1846SS0010006**
Location ID: 1846
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/09/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/09/09	12:00	Hand auger	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/09/09	12:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-69
✓	02/09/09	12:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-69
✓	02/09/09	12:00	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-69

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1Sample done in shallow earth planters.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1847SS0010006**
Location ID: 1847
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	02/09/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/09/09	12:35	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/09/09	12:35	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-69
✓	02/09/09	12:35	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-69
✓	02/09/09	12:35	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-69

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1849SS0010006**
Location ID: 1849
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/07/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/07/09	11:11	Hand auger	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/07/09	11:11	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-69
✓	02/07/09	11:11	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-69
✓	02/07/09	11:11	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-69

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1owner has outside dog.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1865SS0010006**
Location ID: 1865
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	02/06/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/06/09	10:25	Trowel	N/A	0-0.5	dark brown	None
02/06/09	10:25	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/06/09	10:25	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-67
✓	02/06/09	10:25	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-67
✓	02/06/09	10:25	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-67

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1SINGLE FAMILY BRICK HOME

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1866SS0010006**
Location ID: 1866
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/24/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/24/09	15:30	Trowel	N/A	0-6 in.	dark brown	silty fine sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/24/09	15:30	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-48
✓	01/24/09	15:30	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-48
✓	01/24/09	15:30	VOCs	SW-846 8260B	4°C	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-48

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1867SS0010006**
Location ID: 1867
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/28/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/27/09	14:20	Trowel	N/A	0-0.5	dark brown	silty sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/27/09	14:20	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-103
✓	02/27/09	14:20	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-103
✓	02/27/09	14:20	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-103

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1872SS0010006**
Location ID: 1872
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/02/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/02/09	14:32	Hand auger	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/02/09	14:35	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-56
✓	02/02/09	14:35	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-56
✓	02/02/09	14:35	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-56

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1874SS0010006**
Location ID: 1874
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/05/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/05/09	14:19	Hand auger	N/A	0-0.5	dark brown	sandy silt

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/05/09	14:15	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-64
✓	02/05/09	14:15	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-64
✓	02/05/09	14:15	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-64

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1878SS0010006**
Location ID: 1878
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	02/07/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/07/09	13:30	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/07/09	13:30	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-69
✓	02/07/09	13:30	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-69
✓	02/07/09	13:30	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-69

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1897SS0010006**
Location ID: 1897
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/06/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/06/09	11:00	Hand auger	N/A	0-0.5	brown	soil varied greatly between sample points. Sandy soil in one

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/06/09	11:00	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-67
✓	02/06/09	11:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-67
✓	02/06/09	11:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-67

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1898SS0010006-NS**
Location ID: 1898
QC Duplicate ID: N/A

Sampler: Steve Cooper
MS/MSD: NA

Sample Information

Date	02/16/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 3Visited site on Feb. 16
2009. Did not sample for soil gas or soils. Due to home being tiled (including basement and surouning areas)
no close proximity location outside of home without electric/water/gas lines. Soil not sampled due to no soil gas collected.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1899SS0010006**
Location ID: 1899
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	02/05/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Other

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/05/09	13:20	Trowel	N/A	0-0.5	black	SOIL WAS A LITTLE WET

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/05/09	13:20	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-64
✓	02/05/09	13:20	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-64
✓	02/05/09	13:20	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Tefl on cap	None	ED00000090-64

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1A grab and composite sample taken at this location.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **1989SS0010006**
Location ID: 1989
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	02/19/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/19/09	14:51	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/19/09	14:52	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-86
✓	02/19/09	14:52	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-86
✓	02/19/09	14:52	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-86

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2003SS0010006**
Location ID: 2003
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	12/16/08	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
12/16/08	11:00	Trowel	N/A	0-0.5	brown	silty clay

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	12/16/08	11:00	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-10
✓	12/16/08	11:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-10
✓	12/16/08	11:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-10

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1Watchout for dog droppings.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2006SS0010006-NS**
Location ID: 2006
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	01/26/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1On 1/26/2009: took tap water sample. No soil or soil gas sample because there was no lawn for a soil sample.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2016SS0010006**
Location ID: 2016
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	01/17/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/17/09	15:55	Trowel	N/A	0-0.5	dark brown	wet

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/17/09	15:55	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-34
✓	01/17/09	15:55	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-34
✓	01/17/09	15:55	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-34

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1none

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2018SS0010006**
Location ID: 2018
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	02/10/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/10/09	14:59	Trowel	N/A	0-0.5	dark brown	Sandy-silt

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/10/09	14:15	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-71
✓	02/10/09	14:15	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-71
✓	02/10/09	14:15	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-71

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 2Three grab samples for the composite were taken from front area of yard.
Soil described as sandy silt.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2023SS0010006**
Location ID: 2023
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	01/09/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/09/09	13:40	Trowel	N/A	0.5	dark brown	The soil is silty/sand.

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/09/09	13:40	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-19
✓	01/09/09	13:40	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-19
✓	01/09/09	13:40	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-19

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2030SS0010006-NS**
Location ID: 2030
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	11/26/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1Property visited on 11/26/08. Courtyard covered with brick cement and blacktop. No lawn and no yard. No sample collected.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2034SS0010006-NS**
Location ID: 2034
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	01/13/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 2Attempted to visit property on 01/12/09 and 01/13/09. On both days soil gas and Phase II teams waited over 2 hours. The land lord didn't show up either day despite multiple phone calls. Finally the land lord would not talk to Housing representive and shut his cell phone off.
No samples taken at this location.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2035SS0010006-NS**
Location ID: 2035
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/20/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 11/20/2009: no soil sample collected. Location is an apartment located above a shopping center.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2040SS0010006-NS**
Location ID: 2040
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/10/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 12/10/2009: Lawn present but deemed community property and therefore not sampled.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2044SS0010006**
Location ID: 2044
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	01/23/09	Concentration	Not known
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/23/09	10:45	Trowel	N/A	0-0.5	dark brown	silty-clay

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/23/09	10:45	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-44
✓	01/23/09	10:45	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-44
✓	01/23/09	10:45	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-44

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1The coordinates provided lead to the address.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2045SS0010006**
Location ID: 2045
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/15/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/15/09	13:34	Trowel	N/A	0-6 in.	dark brown	very fine sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/15/09	13:15	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-27
✓	01/15/09	13:15	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-27
✓	01/15/09	13:15	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-27

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1took sample from landscaped area - as approved by F0L.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2049SS0010006**
Location ID: 2049
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/04/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/04/09	11:00	Trowel	N/A	0-6 in.	dark brown	very fine silty sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/04/09	11:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-63
✓	02/04/09	11:00	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-63
✓	02/04/09	11:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-63

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2051SS0010006**
Location ID: 2051
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/16/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/16/09	10:03	Trowel	N/A	0-6 in.	dark brown	fine to medium sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/16/09	10:20	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-28
✓	01/16/09	10:20	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Tefl on cap	None	ED00000090-28
✓	01/16/09	10:20	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-28

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 4soil samples collected around house: front yard
to the right of the front yard
at swing set
at terrace level and in front of front door. VOC collected from front yard.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2055SS0010006-NS**
Location ID: 2055
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/17/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 101/17/2009: No yard to sample - therefore no soil available for sampling.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2060SS0010006**
Location ID: 2060
QC Duplicate ID: FDSS012209-01

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	01/22/09	Concentration	Not known
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/22/09	10:40	Trowel	N/A	0-0.5	dark brown	silty-clay

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/22/09	10:40	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-40
✓	01/22/09	10:40	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-40
✓	01/22/09	10:40	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-40

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2065SS0010006-NS**
Location ID: 2065
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/21/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 11/21/2009: Per Sampling Team - there is no location to collect soil gas. Also no soil to sample.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2073SS0010006**
Location ID: 2073
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	01/21/09	Concentration	Not known
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/21/09	11:20	Trowel	N/A	0.5	dark brown	silty-clay soil

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/21/09	11:10	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-38
✓	01/21/09	11:10	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-38
✓	01/21/09	11:10	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-38

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2074SS0010006**
Location ID: 2074
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/06/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/06/09	16:00	Hand auger	N/A	0-0.5	dark brown	sandy silt

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/06/09	16:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-69
✓	02/06/09	16:00	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-69
✓	02/06/09	16:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-69

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2075SS0010006-NS**
Location ID: 2075
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	01/22/09	Concentration	Low concentration
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 11/22/2009: No soil sample collected - location in building. See soil gas log for details.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2077SS0010006**
Location ID: 2077
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/05/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/05/09	11:04	Trowel	N/A	0-6 in.	dark brown	very fine silty sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/05/09	11:05	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-64
✓	02/05/09	11:05	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-64
✓	02/05/09	11:05	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-64

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2078SS0010006**
Location ID: 2078
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	01/22/09	Concentration	Not known
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/22/09	14:30	Trowel	N/A	0-0.5	dark brown	silty-clay

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/22/09	14:30	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-40
✓	01/22/09	14:30	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-40
✓	01/22/09	14:30	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-40

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2079SS0010006-NS**
Location ID: 2079
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/03/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 12/3/2009: No yard - second story apartment and the yard is owned by tenant on ground level.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2080SS0010006**
Location ID: 2080
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/03/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/03/09	13:40	Trowel	N/A	0-6 in.	dark brown	very fine silty sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/03/09	13:40	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-60
✓	02/03/09	13:40	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-60
✓	02/03/09	13:40	VOCs in methanol	SW-846 8260	4°C	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-60

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2081SS0010006**
Location ID: 2081
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/22/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/22/09	11:00	Trowel	N/A	0-6 in.	dark brown	very fine silty sand little fine rounded gravel.

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/22/09	11:00	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-40
✓	01/22/09	11:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-40
✓	01/22/09	11:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-40

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2082SS0010006**
Location ID: 2082
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	01/23/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
01/23/09	14:35	Trowel	N/A	0-6 in.	dark brown	silty fine sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	01/23/09	14:40	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-44
✓	01/23/09	14:40	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-44
✓	01/23/09	14:40	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-44

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2093SS0010006**
Location ID: 2093
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/02/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/02/09	10:40	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-56
✓	02/02/09	10:40	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-56
✓	02/02/09	10:40	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-56

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2102SS0010006**
Location ID: 2102
QC Duplicate ID: N/A

Sampler: Katie Conrad
MS/MSD: NA

Sample Information

Date	02/19/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Composite

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/19/09	12:00	Trowel	N/A	0-0.5	dark brown	None

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/19/09	12:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-86
✓	02/19/09	12:00	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-86
✓	02/19/09	12:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-86

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1There were some dog feces on the lawn.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2103SS0010006**
Location ID: 2103
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/20/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/20/09	11:00	Trowel	N/A	0-6 in.	dark brown	silty fine sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/20/09	11:00	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-89
✓	02/20/09	11:00	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-89
✓	02/20/09	11:00	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-89

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2105SS0010006-NS**
Location ID: 2105
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/25/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 12/25/2009: no soil available therefore no soil sample was collected.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2106SS0010006**
Location ID: 2106
QC Duplicate ID: N/A

Sampler: Robin Clark
MS/MSD: NA

Sample Information

Date	02/25/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/25/09	13:10	Trowel	N/A	0-6 in.	dark brown	fine silty sand

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/25/09	13:10	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-96
✓	02/25/09	13:10	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-96
✓	02/25/09	13:10	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-96

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2107SS0010006-NS**
Location ID: 2107
QC Duplicate ID: N/A

Sampler: Steve Cooper
MS/MSD: NA

Sample Information

Date	02/26/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✘	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✘	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 52/26/2009 attempt.
This location was not sampled for soil.
No Tap Water or Soil Gas samples collected at this location either.
The sampling location is a multi-storied apartment bldg in downtown Naples.
*** See Soil Gas Log and Tap Water Log for additional notes and details.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2108SS0010006**
Location ID: 2108
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	02/28/09	Concentration	Low concentration
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
02/28/09	13:43	Trowel	N/A	0.5-0.7	dark brown	Dark brown/blackish silty sand with trace gravel and organic debris.

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	02/28/09	11:29	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-106
✓	02/28/09	11:29	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-106
✓	02/28/09	11:29	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	ED00000090-106

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 1Three grab samples taken from yard/garden area on side of residence. Yard is more used for four fruit trees. Yard area is overgrown and not maintained.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2109SS0010006-NS**
Location ID: 2109
QC Duplicate ID: N/A

Sampler: Steve Cooper
MS/MSD: NA

Sample Information

Date	03/03/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 63/3/2009: Not sampled. Location did not match up with soil-gas criteria. Please refer to soil-gas log for a more detailed explanation.
Tap water and soil samples were not collected because no soil-gas samples were collected per protocol as dictated by Terry and Keith. In addition there are no grass or garden areas to collect soil samples from. Soil-gas samples were not collected for the following reasons:
The building is a multi-storied apartment building. Ground floor is tiled and not appropriate for drilling purposes. Landlord (LL) of apartment is not property owner. Property owned by an association. If it were to be sampled then it would be necessary for someone to contact the building association to gain consent. Sample team scouted location and feels that a near-slab in the back might be possible but would need someone from the association familiar with the location of utility lines to be present at time of sampling.
It should be noted that this apartment is part of a terraced complex and has been dug into the side of the hills above Naples. During scouting it was discovered that beneath part of the basement there is supporting foundation exposed and that the exposed portion was 3 to 4 meters tall. Whether the actual foundation is that thick would need further inquiry by future sampling personnel. It appears that the building is partially sitting on a terrace and partially on flat ground that was cut out of the hill. The possible sampling location would be through the black top of the parking area behind building.
It should also be noted that address given to sample team was incorrect. Housing personnel gave the address as Via Caravaggio No. 19 and telephonic contact with LL gave the number as Via Caravaggio No. 119. Housing may need to update or check their database.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **2110SS0010006-NS**
Location ID: 2110
QC Duplicate ID: N/A

Sampler: Chuck Conrad
MS/MSD: NA

Sample Information

Date	02/26/09	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✘	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✘	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✘	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 12/26/2009: Location was a large apartment complex. The only available soil sample was in "public domain." Location not sampled.

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **FQ05SS002A0006**
Location ID: FQ05
QC Duplicate ID: N/A

Sampler: Terry Rojahn
MS/MSD: NA

Sample Information

Date	05/27/09	Concentration	Not known
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
05/27/09	11:50	Trowel	N/A	0 - 6"	brown	Moist

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/27/09	11:50	PAHs	SW-846 8270C SIM	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-233

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **FQ05SS002B0006**
Location ID: FQ05
QC Duplicate ID: N/A

Sampler: Terry Rojahn
MS/MSD: NA

Sample Information

Date	05/27/09	Concentration	Not known
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
05/27/09	11:55	Trowel	N/A	0 - 6"	brown	Moist

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/27/09	11:55	PAHs	SW-846 8270C SIM	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-233

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **FQ05SS002C0006**
Location ID: FQ05
QC Duplicate ID: N/A

Sampler: Terry Rojahn
MS/MSD: NA

Sample Information

Date	05/27/09	Concentration	Not known
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
05/27/09	11:58	Trowel	N/A	0 - 6"	brown	Moist

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/27/09	11:58	PAHs	SW-846 8270C SIM	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-233

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **FQ05SS002E0006**
Location ID: FQ05
QC Duplicate ID: N/A

Sampler: Terry Rojahn
MS/MSD: NA

Sample Information

Date	05/27/09	Concentration	Not known
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
05/27/09	12:05	Trowel	N/A	0-6"	grey-brown	Dry

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/27/09	12:05	PAHs	SW-846 8270C SIM	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-233

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **FQ05SS002D0006**
Location ID: FQ05
QC Duplicate ID: N/A

Sampler: Terry Rojahn
MS/MSD: NA

Sample Information

Date	05/27/09	Concentration	Not known
Sample Source	Surface Soil-SS	Sample Data Type	Grab

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes
05/27/09	12:00	Trowel	N/A	0 - 6"	grey-brown	Dry

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	05/27/09	12:00	PAHs	SW-846 8270C SIM	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	ED00000090-233

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 0

SOIL LOG SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **FQ07SS0010006-NS**
Location ID: FQ07
QC Duplicate ID: N/A

Sampler: Patrick Leonard
MS/MSD: NA

Sample Information

Date	12/17/08	Concentration	-Select-
Sample Source	-Select-	Sample Data Type	-Select-

Sample Details

Date	Time	method	Monitor	Depth	Color	Notes

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✖	N/A	N/A	VOCs	SW-846 8260B	4°C	2	Glass - Clear	40 mL vial (pre-tared)	None	N/A
✖	N/A	N/A	SVOCs-Pest/PCBs-Dioxins/Furans-Metals-Cyanide-%Mstr	SW-846 8270C-8081A/8082-8290-6010C-9012B	4°C	1	Glass - Clear	32 oz. wide-mouth w/Teflon cap	None	N/A
✖	N/A	N/A	VOCs in methanol	SW-846 8260	4°C/MeOH	1	Glass - Clear	40 mL vial (pre-tared)	None	N/A

Field Analysis

USCS	Date	Time	Ambient Air Temp.	Water Bath Temp.	Gas Tech Tube Type	GasTech Tube Series	Tube Lot QC Number	Tube Lab Tracking	50 Purge	100 Purge	200 Purge

General Notes

Size: 2Property visited on 12/17/08. The front had only planters with fruit trees and the rest of the area was covered courtyard. The back has no yard.
Did not sample the soil.

APPENDIX B
ANALYTICAL DATA

STUDY AREA 1

SOIL GAS DATA

WATER DATA

SOIL DATA

STUDY AREA 01
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0010	0021	0024	0082	0085	0167	0171	0180	0185	0588	0589	0598	1227	1312
Sample ID	0010SG001	0021SG001	0024SG001	0082SG001	0085SG001	0167SG001	0171SG001	0180SG001	0185SG001	0588SG001	0589SG001	0598SG001	1227SG001	1312SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090318	20090309	20090321	20090225	20090303	20090323	20090706	20090320	20090725	20090129	20090226	20090312	20090320	20090303
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316942621420	6316942805411	6316949605500	6316737007483	6316730035334	6315840004470	6315800647458	6300976002228	6300976002216	6316728509689	6316942621308	6316730005550	6316401804322	6316948803150
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)														
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.182 J	0.15 U	0.15 U	0.15 U	0.15 U	0.312	0.222 J	0.15 U	0.186 J	0.15 U	0.15 U	68.7	0.15 U	0.186 J
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.215 U	0.04 U	0.04 U	0.04 U	0.04 U	0.408	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.74	0.62	12.1	0.483	0.844	0.691	0.828	0.705	0.685	0.696	0.509	8.5	0.715	1.28
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.104 J	0.05 U	0.05 U	12.5	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	149	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	1.85	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UR	1.99	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 U	2.4 U	0.19 U	1.26	0.572 U	0.19 U	1.98	0.19 U	0.464 U	0.19 UR	1.34	3.8 U	0.19 U	0.557 U
1,2,4-TRIMETHYLBENZENE	0.05 U	0.376 U	0.05 U	0.624	0.05 U	0.05 U	0.572	0.05 U	0.166 U	2.82	1.05	0.05	0.459	0.05 U
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 U	0.1 U	0.1 U	0.1 UR
1,2-DIBROMOETHANE	0.12 U	0.168 J	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.134 J	0.1 U	0.1 U	0.958	0.1 U	0.181 U	0.1 U	0.154 J	0.1 U	0.1 U	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.324	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.09 U	0.156 J	0.09 U	0.247	0.332	2.96	0.184 U	0.09 U	0.09 U	1.62	0.194 J	1.13	0.09 U	26.5
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.35 J	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.05 U	0.265 U	0.05 U	0.233	0.05 U	0.05 U	0.465	0.05 U	0.05 U	0.564	0.339	0.05 U	0.05 U	0.218
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.09 U	0.438 U	0.09 U	0.117 J	0.09 U	0.09 U	0.895	0.09 U	0.193 U	0.09 U	0.131 J	0.09 U	0.09 U	0.09 U
1,4-DICHLOROBENZENE	0.09 U	1.13	0.09 U	0.455	1.26	0.09 U	0.815	0.09 U	0.189 U	0.09 U	0.552	0.09 U	0.09 U	1.22
2-BUTANONE	0.768	0.692 J	1.8	1.32	2.16	0.866	0.956	0.863	1.17	2.23	0.833	1.66	1.19	1.01
ACETONE	4.44	8.27	8.61	50.9	10.7	17.3	5.59	5.4	9.65	42.8	6.83	6.52	8.26	8.81
ACETONITRILE	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.41 U	0.41 U	0.41 U	0.462 J	1.38	2.23	0.41 U	0.41 U	0.41 U	0.41 U	1.4	0.41 U	0.41 U	1.21
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	2.04	0.373	0.249	0.436	1.8	0.124 J	0.255 U	0.03 U	0.331	3.66	1.08	0.518	0.284	0.487
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.403	0.15 U	0.15 U	37.1	0.15 U	1.93
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	145	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	0.825	0.337	0.1 U	0.1 U	0.409	0.1 U	0.1 U	0.1 U	0.214	0.521	0.29	0.1 U	0.1 U	0.252
CARBON TETRACHLORIDE	0.268 J	0.134 J	0.13 U	0.13 U	0.132 J	0.15 J	0.197 U	0.34	0.236 J	0.176 J	0.228 J	0.13 U	0.13 U	0.13 U
CHLOROBENZENE	0.04 U	0.138 U	0.04 U	0.04 U	0.04 U	0.04 U	0.37	0.04 U	0.12 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 UJ	0.24 U	0.24 U	0.24 U	0.24 U	0.24 UJ	0.24 U	0.24 U	0.24 U	70.9	0.24 UJ	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.11 U	0.11 U	0.457	0.181 J	0.464	0.11 U	0.11 U	1.06	32.7	0.202 J	0.11 U	34.3	0.11 U	326
CHLOROMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.0708 J	0.07 U	0.07 U	0.07 U	0.112 J	0.239	0.07 U	0.07 U	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	25.3	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.11 U	0.137 J	0.11 U	0.265	0.11 U	0.11 U	0.177 J	0.11 U	0.123 J	2.47	0.11 U	0.204	0.11 U	0.132 J
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.204 J	0.15 U	0.15 U	0.15 U	0.15 U	3.18	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	1.99	1.87	3.4	0.18 U	2.13	2.5	2.74	2.49	2.13	2.28	0.18 U	2.47	2.49	2.54
ETHYLBENZENE	9.75	0.258 U	0.03 U	1.43	11.3	0.18 J	0.412 U	0.228	0.181 U	6.61	12.8	0.222 U	0.554	4.52
HEXACHLOROBUTADIENE	0.24 U	2.4 U	0.24 U	1.37	0.343 U	0.24 U	2.1	0.24 U	0.375 U	0.24 U	1.43	2.85 U	0.24 U	0.365 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.318	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ
HEXANE	0.224 J	0.736	0.17 U	0.886	0.487	0.17 U	0.488	0.17 U	0.262 J	14.9	0.209 J	0.197 J	0.375	0.561
ISOBUTANOL	0.46 U	0.46 U	0.46 U	1.75	0.46 UR	0.46 U	0.46 U	0.46 U	0.765 J	0.46 U	0.9	0.46 U	0.46 U	0.46 UR
ISOPROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.329	0.07 U	0.129 J	0.07 U	0.07 U	0.07 U	0.563	0.07 U	0.07 U	0.07 U
M+P-XYLENES	4.98	0.76 U	0.09 U	1.18	5.02	0.284	0.863	0.242	0.349 U	4.7	7.52	0.558 U	0.505	2.31
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.44	0.08 U	0.08 U	0.596	0.08 U	0.08 U	0.32	0.08 U	0.08 U	4.89	0.0918 J	0.08 U	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.08 U	0.344	0.08 U	0.08 U	0.08 U	0.08 U	0.924	0.08 U	0.08 U	0.52	0.215	0.212	0.08 U	0.276
O-XYLENE	0.06 U	0.06 U	0.06 U	0.569	2.16	0.147 J	0.423 U	0.06 U	0.187 J	2.71	3.31	0.06 U	0.274	1.37
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	30.5	0.369	0.07 U	0.315	18.2	0.453	0.363 U	1.08	0.148 J	0.543	110	0.07 U	2.84	9.51
TETRACHLOROETHENE	8.95	1.45 U	1.45 U	1.45 U	4.63	12.2	2.61 J	64.6	15.4	3.51	1.45 U	110	3.03	18.2
TOLUENE	4.62	1.42	0.601	6	2.2	0.358	0.689 U	0.232	0.273 U	12.4	3.04	0.852	0.428	0.874
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.884	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.0773 J	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.329	24.2	11	0.08 U	0.08 U	200	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	1.79	2.49	2.98	1.46	3.96	2.59	1.82	1.8	1.66	1.5	1.33	13.5	1.94	3.75
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 01
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1443	1450	1456	1459	1529	1811	1839	1867	1928	2090	2103	2139
Sample ID	1443SG001	1450SG001	1456SG001	1459SG001	1529SG001	1811SG001	1839SG001	1867SG001	1928SG001	2090SG001	2103SG001	2139SG001
Residential / Government		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090121	20090331	20090306	20090204	20090408	20090128	20090114	20090227	20090512	20090402	20090220	20090404
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316601835360	6317349605205	6316606313566	6316737001456	6316730039404	6316730009426	6317702007260	6316730011490	6315900303134	6316002717262	6316605966092	6315803003260
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)												
1,1,1,2-TETRACHLOROETHANE	0.18 U	2.68	0.18 UJ	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.198 J	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.157 J	0.15 U	0.15 U	0.15 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.546	5.08	0.08 UJ	0.688	0.632	0.689	0.921	0.571	0.68	0.08 U	0.561	0.71
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 U	0.19 U	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.978	0.19 U	0.383 J	1.25	0.19 U
1,2,4-TRIMETHYLBENZENE	0.178 J	0.05 U	0.382 J	1.6	0.05 U	0.249	2.75	4.91	1.18	0.42	0.221	1.78
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 UJ	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.179 J	0.1 U	0.1 U	0.165 J	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	1.73	0.09 U	1.34 J	0.479	0.09 U	1.28	1.75	0.09 U	0.09 U	0.09 U	0.142 J	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	4.25	0.26 U
1,3,5-TRIMETHYLBENZENE	0.0633 J	0.05 U	0.05 UJ	0.433	0.05 UJ	0.05 U	0.69	2.03	0.05 U	0.225	0.111 J	0.446
1,3-BUTADIENE	0.49 U	0.49 U	0.49 UJ	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.141 J	0.09 U	0.09 U	0.114 J	0.09 U
1,4-DICHLOROBENZENE	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.09 U	0.09 U	31.8	1.03	0.619	0.483	0.09 U
2-BUTANONE	2.81	1.85	2.49 J	3.31	1.07	0.863	3.77	3.66	6.71	0.849	0.997	0.903
ACETONE	73.2	8.55	17.8 J	44	5.36	8.22	65.8	26	41.8	5.77	7.82	33.6
ACETONITRILE	1.11	0.38 U	0.38 UJ	0.732 J	0.38 U	0.38 U	0.7 J	0.38 U	0.408 J	0.38 U	0.38 U	0.592 J
ACETOPHENONE	1.02 U	1.02 U	1.02 UJ	1.02 U	11.5	1.02 U	1.02 U	1.02 U	2.96	1.02 U	1.02 U	2.87
ACROLEIN	1.79	0.41 U	3.22 J	1.15	0.41 U	0.901	2.8	0.596 J	1.07	0.41 U	0.41 U	0.41 U
ACRYLONITRILE	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	1.74	0.482	5.44 J	1.55	0.963	0.424	1.46	8.46	1.89	0.03 U	0.244	1.02
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 UJ	0.15 U	0.64	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	11.2	1.81	1.71 J	0.57	1.75	0.358	1.57	12.8	20.5	0.367	0.115 J	0.214
CARBON TETRACHLORIDE	0.13 U	0.356	0.13 UJ	0.283 J	0.13 U	0.19 J	0.295 J	0.449	0.13 U	0.672	0.215 J	0.447
CHLOROBENZENE	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 UJ	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.117 J	0.53	0.711 J	0.937	35.6	0.817	0.11 U	0.268	3.15	11.9	1.58	0.363
CHLOROMETHANE	0.186 J	0.07 U	0.07 UJ	0.274	0.07 U	0.07 U	0.633	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.216 J	0.11 U	0.11 UJ	6.98	0.11 U	0.11 U	0.297 J	6.7	0.11 U	0.11 U	0.11 U	1.19
DIBROMOMETHANE	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	1.52	0.18 U	2.01 J	1.99	2.35	4.11	3.2	0.18 U	2.69	3.06	3.27	2.39
ETHYLBENZENE	0.378	14.3	0.606 J	1.94	46.3	0.03 U	3.72	6.86	1.78	5.01	0.2 J	1.93
HEXACHLOROBUTADIENE	0.24 U	0.24 U	0.24 UJ	0.279 J	0.24 U	0.24 U	0.24 U	0.947	0.24 U	0.24 U	1.48	0.24 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	0.248 J	0.645	1.22 J	4.31	0.17 U	0.245 J	1.71	19.5	0.361	0.17 U	0.17 U	1.95
ISOBUTANOL	0.46 U	0.46 U	0.46 UJ	2.35	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.07 U	0.07 U	0.07 UJ	0.07 U	0.636 J	0.07 U	0.443	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
M+P-XYLENES	0.384	8.18	1.81 J	4.46	23.4	0.338	6.59	24.1	1.37	2.91	0.333	2.83
METHYL ACETATE	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.354	0.568	0.08 UJ	6.46	0.08 U	0.08 U	25	10.9	0.08 U	0.407	0.0881 J	1.27
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.204 J	0.17 U	0.17 U	227
METHYLENE CHLORIDE	0.551	0.08 U	0.08 UJ	2.41	0.08 U	0.197 J	0.08 U	0.08 U	0.203	0.08 U	0.08 U	0.08 U
O-XYLENE	0.172 J	0.06 U	0.8 J	1.63	0.06 U	0.163 J	7.45	4.34	0.725	1.45	0.168 J	0.06 U
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 UJ	0.25 U	0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	0.07 U	64.7	0.59 J	2.69	57	0.07 U	23.3	13.6	6.74	22.1	0.365	9.03
TETRACHLOROETHENE	26	1.75 J	3 J	4.57	3.69	4.36	6.23	9.69	5.54	1.45 U	1.45 U	2.39 J
TOLUENE	4.98	3.12	3.35 J	18.8	1.04	1.65	70.1	17.5	2.03	5	2.09	2.96
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	1.98	2.56	24 J	1.51	1.92	10.6	10.1	1.45	1.78	1.69	2.28	2.2
VINYL ACETATE	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 01
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0010	0021	0021	0021	0024	0082	0085	0151	0151	0167	0171	0171	0171	0171
Sample ID	0010TW001	0021TW001	0021TW001-AVG	0021TW001-D	0024TW001	0082TW001	0085TW001	0151TW001	0151TW002	0167TW001	0171TW001	0171TW001-AVG	0171TW001-D	0171TW002
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	LEASE HOME-RESAM	PHASE II	PRE-LEASE HOME	PRE-LEASE HOME	PRE-LEASE HOME	PHASE II
Sample Date	20090318	20090309	20090309	20090309	20090321	20090225	20090303	20081008	20090515	20090323	20081014	20081014	20081014	20090706
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316942621420	6316942805411	6316942805411	6316942805411	6316949605500	6316737007483	6316730035334	6315603015350	6315603015350	6315840004470	6315800647458	6315800647458	6315800647458	6315800647458
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)														
1,2,3,4,6,7,8,9-OCDD	0.0055 U	0.0044 U	0.0042 U	0.004 U	0.0072 U	0.0044 U	0.0076 U	0.004 U		0.0068 U	0.0038 U	0.0038 U	0.0038 U	
1,2,3,4,6,7,8,9-OCDF	0.00081 U	0.0012 U	0.00086 U	0.00052 U	0.00098 U	0.0015 U	0.0012 U	0.0029 U		0.00069 U	0.0013 U	0.001505 U	0.00171 U	
1,2,3,4,6,7,8-HPCDD	0.0022 U	0.0017 U	0.0017 U	0.0017 U	0.0022 U	0.0019 U	0.0023 U	0.001531 U		0.0024 U	0.0012 U	0.001313 U	0.001425 U	
1,2,3,4,6,7,8-HPCDF	0.001 U	0.0015 U	0.00119 U	0.00088 U	0.00041 U	0.0038 U	0.0013 U	0.0027 U		0.00055 U	0.00098 U	0.000846 U	0.000712 U	
1,2,3,4,7,8,9-HPCDF	0.00026 U	0.00038 J	0.00038 J	0.00075 U	0.00031 U	0.000472 U	0.00032 U	0.0012 U		0.00027 U	0.00041 U	0.000692 U	0.000974 U	
1,2,3,4,7,8-HXCDD	0.000333 U	0.00043 U	0.000515 U	0.0006 U	0.000191 U	0.0005 U	0.000391 U	0.00072 U		0.00025 U	0.00041 U	0.00049 U	0.00057 U	
1,2,3,4,7,8-HXCDF	0.00038 U	0.000251 U	0.000266 U	0.00028 U	0.000191 U	0.0004 U	0.00032 U	0.00067 U		0.00037 U	0.00029 U	0.000265 U	0.00024 U	
1,2,3,6,7,8-HXCDD	0.00052 U	0.000352 U	0.000436 U	0.00052 U	0.00041 U	0.000422 U	0.00049 U	0.00062 U		0.0002 U	0.00036 U	0.00043 U	0.0005 U	
1,2,3,6,7,8-HXCDF	0.00036 U	0.00038 U	0.000345 U	0.00031 U	0.00017 U	0.000323 U	0.00027 U	0.000321 U		0.0002 U	0.00055 J	0.000329 J	0.000213 U	
1,2,3,7,8,9-HXCDD	0.00036 U	0.00048 J	0.00048 J	0.000543 U	0.00017 U	0.000422 U	0.000342 U	0.00067 U		0.00025 U	0.00041 J	0.00041 J	0.0005 U	
1,2,3,7,8,9-HXCDF	0.00031 U	0.00053 U	0.00051 U	0.00049 U	0.00024 U	0.000422 U	0.000342 U	0.000444 U		0.0003 U	0.00034 U	0.000315 U	0.00029 U	
1,2,3,7,8-PECDD	0.0011 U	0.000452 U	0.001076 U	0.0017 U	0.00084 U	0.000571 U	0.000391 U	0.00077 U		0.00092 U	0.000622 U	0.000526 U	0.00043 U	
1,2,3,7,8-PECDF	0.0006 U	0.00033 U	0.000295 U	0.00026 U	0.00036 U	0.0002 U	0.000244 U	0.00025 U		0.0004 U	0.000502 U	0.000406 U	0.00031 U	
2,3,4,6,7,8-HXCDF	0.0004 U	0.000251 U	0.000268 U	0.000284 U	0.00022 U	0.0004 U	0.00032 U	0.00054 J		0.0003 U	0.00036 U	0.0003 U	0.00024 U	
2,3,4,7,8-PECDF	0.001 U	0.00088 U	0.00057 U	0.00026 U	0.0006 U	0.00062 U	0.000244 U	0.0004 U		0.00035 U	0.00062 U	0.000476 U	0.000332 U	
2,3,7,8-TCDD	0.00048 J	0.00043 U	0.000565 U	0.0007 U	0.00031 U	0.0004 U	0.00032 U	0.000222 U		0.00025 J	0.000263 J	0.000174 J	0.00017 U	
2,3,7,8-TCDF	0.00048 U	0.0004 U	0.00034 U	0.00028 U	0.00057 U	0.00077 U	0.00027 U	0.0002 U		0.00035 U	0.00031 U	0.0003 U	0.00029 U	
TEQ	0.00048	0.0000518	0.000052	0.0007 U	0.00031 U	0.0004 U	0.00032 U	0.000054		0.00025	0.000359	0.000248	0.00017 U	
TOTAL HPCDD	0.0022 J	0.0017 J	0.0017 J	0.0017 J	0.0022 J	0.0019 J	0.0023 J	0.001531 U		0.0024 J	0.0012 J	0.0012 J	0.001425 U	
TOTAL HPCDF	0.0017 J	0.0018 J	0.00123 J	0.00132 U	0.00072 J	0.0072 J	0.0015 J	0.0031 J		0.00082 J	0.0012 J	0.0012 J	0.0017 U	
TOTAL HXCDD	0.0012 J	0.0012 U	0.00145 U	0.0017 U	0.00074 J	0.001342 U	0.0011 U	0.002 U		0.000644 U	0.001124 J	0.001124 J	0.0016 U	
TOTAL HXCDF	0.0014 J	0.0014 J	0.0014 J	0.0014 J	0.00077 U	0.0022 J	0.001247 U	0.0018 J		0.0011 J	0.0014 J	0.000944 J	0.000974 U	
TOTAL PECDD	0.0011 U	0.000452 U	0.001076 U	0.0017 U	0.00084 U	0.000571 U	0.000391 U	0.00077 U		0.00092 U	0.000622 U	0.000526 U	0.00043 U	
TOTAL PECDF	0.0016 J	0.0012 J	0.00073 J	0.00052 U	0.00096 J	0.00082 J	0.00049 U	0.00062 J		0.00074 J	0.001029 U	0.000836 U	0.000641 U	
TOTAL TCDD	0.0014 J	0.0013 U	0.0017 U	0.0021 U	0.000932 U	0.0012 U	0.000954 U	0.00067 J		0.000743 U	0.00079 U	0.000645 U	0.0005 U	
TOTAL TCDF	0.00067 J	0.00053 J	0.000383 J	0.00047 U	0.00062 J	0.0012 J	0.00054 U	0.00035 U		0.00055 J	0.000382 U	0.00029 J	0.00029 J	
Volatile Organics (UG/L)														
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U		0.1 U	0.11 U	0.11 U	0.11 U	
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U		0.1 U	0.17 U	0.17 U	0.17 U	
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.05 U		0.08 U	0.05 U	0.05 U	0.05 U	
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U		0.1 U	0.11 U	0.11 U	0.11 U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U		0.1 U	0.2 U	0.2 U	0.2 U	
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U		0.14 U	0.13 U	0.13 U	0.13 U	
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U		0.1 U	0.12 U	0.12 U	0.12 U	
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U		0.1 U	0.13 U	0.13 U	0.13 U	
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U		0.1 U	0.13 U	0.13 U	0.13 U	
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		0.06 U	0.06 U	0.06 U	0.06 U	
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U		0.2 U	0.25 U	0.25 U	0.25 U	
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U		0.1 U	0.09 U	0.09 U	0.09 U	
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.07 U		0.08 U	0.07 U	0.07 U	0.07 U	
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.08 U		0.1 U	0.08 U	0.08 U	0.08 U	
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U		0.1 U	0.15 U	0.15 U	0.15 U	
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U		0.2 U	0.4 U	0.4 U	0.4 U	
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.13 U	0.13 U	0.13 U	0.13 U	
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U		0.1 U	0.11 U	0.11 U	0.11 U	
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U		0.1 U	0.07 U	0.07 U	0.07 U	
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	
2-BUTANONE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1.6 U		2 U	1.6 U	1.6 U	1.6 U	
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U		0.1 U	0.12 U	0.12 U	0.12 U	
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U		0.1 U	0.13 U	0.13 U	0.13 U	
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.1 U		0.07 U	0.1 U	0.1 U	0.1 U	
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U		0.11 U	0.1 U	0.1 U	0.1 U	
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	0.4 U		1.3 U	0.4 U	0.4 U	0.4 U	
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.05 U		0.11 U	0.05 U	0.05 U	0.05 U	
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	
BROMODICHLOROMETHANE	0.1 U	0.431 J	0.4565 J	0.482 J	0.55	0.1 U	0.307 J	0.12 U		0.513	0.165 J	0.168 J	0.171 J	
BROMOFORM	0.06 U	1.17	1.155	1.14	2.55	0.653 J	1.83	1.81		2.55	4.92	4.64	4.36	
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.37 U		0.5 U	0.37 U	0.37 U	0.37 U	
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U		0.1 U	0.12 U	0.12 U	0.12 U	
CHLORODIBROMOMETHANE	0.1 U	0.932	0.966	1	0.902	0.637	0.8	0.342 J		0.965	0.89	0.853	0.816	
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.18 U		0.3 U	0.18 U	0.18 U	0.18 U	
CHLOROFORM	0.09 U	0.234 J	0.2385 J	0.243 J	0.09 U	0.09 U	0.218 J	0.0925 J		0.28 J	0.146 J	0.1465 J	0.147 J	
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U		0.2 U	0.21 U	0.21 U	0.21 U	
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U		0.1 U	0.154 J	0.155 J	0.156 J	

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U-Not detected at that value
R-Rejected value

STUDY AREA 01
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0010	0021	0021	0021	0024	0082	0085	0151	0151	0167	0171	0171	0171	0171
Sample ID	0010TW001	0021TW001	0021TW001-AVG	0021TW001-D	0024TW001	0082TW001	0085TW001	0151TW001	0151TW002	0167TW001	0171TW001	0171TW001-AVG	0171TW001-D	0171TW002
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	LEASE HOME-RESAM	PHASE II	PRE-LEASE HOME	PRE-LEASE HOME	PRE-LEASE HOME	PHASE II
Sample Date	20090318	20090309	20090309	20090309	20090321	20090225	20090303	20081008	20090515	20090323	20081014	20081014	20081014	20090706
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316942621420	6316942805411	6316942805411	6316942805411	6316949605500	6316737007483	6316730035334	6315603015350	6315603015350	6315840004470	6315800647458	6315800647458	6315800647458	6315800647458
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U		0.1 U	0.15 U	0.15 U	0.15 U	
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.12 U		0.14 U	0.12 U	0.12 U	0.12 U	
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.06 U		0.08 U	0.06 U	0.06 U	0.06 U	
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U		0.1 U	0.09 U	0.09 U	0.09 U	
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U		0.1 U	0.11 U	0.11 U	0.11 U	
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.69 U		0.2 U	0.69 U	0.69 U	0.69 U	
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.05 U		0.07 U	0.05 U	0.05 U	0.05 U	
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.04 U		0.06 U	0.04 U	0.04 U	0.04 U	
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U		0.1 U	0.19 U	0.19 U	0.19 U	
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U		0.1 U	0.199 J	0.194 J	0.189 J	
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.499 U		0.1 U	0.17 U	0.17 U	0.17 U	
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15 U		0.11 U	0.15 U	0.15 U	0.15 U	
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.13 U	0.307 J	0.302 J	0.297 J	
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U		0.1 U	0.19 U	0.19 U	0.19 U	
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U		0.1 U	0.15 U	0.15 U	0.15 U	
Semivolatile Organics (UG/L)														
1,1-BIPHENYL								0.203 U			0.194 U	0.1945 U	0.195 U	
1,2,4,5-TETRACHLOROBENZENE								0.203 U			0.194 U	0.1945 U	0.195 U	
2,3,4,6-TETRACHLOROPHENOL								0.305 U			0.291 U	0.292 U	0.293 U	
2,4,5-TRICHLOROPHENOL								0.508 U			0.486 U	0.487 U	0.488 U	
2,4,6-TRICHLOROPHENOL								0.508 U			0.486 U	0.487 U	0.488 U	
2,4-DICHLOROPHENOL								0.711 U			0.68 U	0.6815 U	0.683 U	
2,4-DIMETHYLPHENOL								1.02 U			0.971 U	0.973 U	0.975 U	
2,4-DINITROPHENOL								0.305 U			0.291 U	0.292 U	0.293 U	
2,4-DINITROTOLUENE								1.02 U			0.971 U	0.973 U	0.975 U	
2,6-DICHLOROPHENOL								0.813 U			0.777 U	0.7785 U	0.78 U	
2,6-DINITROTOLUENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
2-CHLORONAPHTHALENE								0.203 U			0.194 U	0.1945 U	0.195 U	
2-CHLOROPHENOL								0.915 U			0.874 U	0.876 U	0.878 U	
2-METHYLNAPHTHALENE								0.203 U			0.194 U	0.1945 U	0.195 U	
2-METHYLPHENOL								0.711 U			0.68 U	0.6815 U	0.683 U	
2-NITROPHENOL								0.915 U			0.874 U	0.876 U	0.878 U	
3&4-METHYLPHENOL								1.22 U			1.17 U	1.17 U	1.17 U	
3-NITROANILINE								1.02 U			0.971 U	0.973 U	0.975 U	
4,6-DINITRO-2-METHYLPHENOL								0.203 U			0.194 U	0.1945 U	0.195 U	
4-BROMOPHENYL PHENYL ETHER								0.102 U			0.0971 U	0.0973 U	0.0975 U	
4-CHLORO-3-METHYLPHENOL								0.61 U			0.583 U	0.584 U	0.585 U	
4-CHLOROANILINE								1.02 U			0.971 U	0.973 U	0.975 U	
4-NITROANILINE								1.02 U			0.971 U	0.973 U	0.975 U	
4-NITROPHENOL								0.305 U			0.291 U	0.292 U	0.293 U	
ACENAPHTHENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
ACENAPHTHYLENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
ANILINE								1.02 U			0.971 U	0.973 U	0.975 U	
ANTHRACENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
ATRAZINE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
BAP EQUIVALENT								0.102 U			0.0971 U	0.0973 U	0.0975 U	
BENZO(A)ANTHRACENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
BENZO(A)PYRENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
BENZO(B)FLUORANTHENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
BENZO(G,H,I)PERYLENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
BENZO(K)FLUORANTHENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
BIS(2-ETHYLHEXYL)PHTHALATE								1.42 U			1.36 U	1.365 U	1.37 U	
BUTYL BENZYL PHTHALATE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
CARBAZOLE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
CHRYSENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
DI-N-BUTYL PHTHALATE								1.32 U			1.26 U	1.265 U	1.27 U	
DI-N-OCTYL PHTHALATE								0.203 U			0.194 U	0.1945 U	0.195 U	
DIBENZO(A,H)ANTHRACENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
DIBENZOFURAN								0.102 U			0.0971 U	0.0973 U	0.0975 U	
DIETHYL PHTHALATE								0.203 U			0.194 U	0.1945 U	0.195 U	
DIMETHYL PHTHALATE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
DIPHENYLAMINE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
FLUORANTHENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
FLUORENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
HEXACHLOROBENZENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	

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STUDY AREA 01
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0010	0021	0021	0021	0024	0082	0085	0151	0151	0167	0171	0171	0171	0171
Sample ID	0010TW001	0021TW001	0021TW001-AVG	0021TW001-D	0024TW001	0082TW001	0085TW001	0151TW001	0151TW002	0167TW001	0171TW001	0171TW001-AVG	0171TW001-D	0171TW002
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	LEASE HOME-RESAM	PHASE II	PRE-LEASE HOME	PRE-LEASE HOME	PRE-LEASE HOME	PHASE II
Sample Date	20090318	20090309	20090309	20090309	20090321	20090225	20090303	20081008	20090515	20090323	20081014	20081014	20081014	20090706
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316942621420	6316942805411	6316942805411	6316942805411	6316949605500	6316737007483	6316730035334	6315603015350	6315603015350	6315840004470	6315800647458	6315800647458	6315800647458	6315800647458
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
HEXACHLOROBUTADIENE								0.203 U			0.194 U	0.1945 U	0.195 U	
HEXACHLOROCYCLOPENTADIENE								1.02 U			0.971 U	0.973 U	0.975 U	
HEXACHLOROETHANE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
INDENO(1,2,3-CD)PYRENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
NAPHTHALENE								0.203 U			0.194 U	0.1945 U	0.195 U	
NITROBENZENE								0.203 U			0.194 U	0.1945 U	0.195 U	
O-TOLUIDINE								0.711 U			0.68 U	0.6815 U	0.683 U	
PENTACHLOROBENZENE								0.203 U			0.194 U	0.1945 U	0.195 U	
PENTACHLOROPHENOL								0.305 U			0.291 U	0.292 U	0.293 U	
PHENANTHRENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
PHENOL								1.02 U			0.971 U	0.973 U	0.975 U	
PYRENE								0.102 U			0.0971 U	0.0973 U	0.0975 U	
Pesticides/PCBs (UG/L)														
4,4'-DDD								0.00309 U			0.00292 U	0.00296 U	0.003 U	
4,4'-DDE								0.00206 U			0.00195 U	0.001975 U	0.002 U	
4,4'-DDT								0.00618 U			0.00585 U	0.00592 U	0.00599 U	
ALDRIN								0.00206 U			0.00195 U	0.001975 U	0.002 U	
ALPHA-BHC								0.00309 U			0.00292 U	0.00296 U	0.003 U	
ALPHA-CHLORDANE								0.00309 U			0.00292 U	0.00296 U	0.003 U	
AROCLOR-1016								0.0206 U			0.0195 U	0.01975 U	0.02 U	
AROCLOR-1221								0.0206 U			0.0195 U	0.01975 U	0.02 U	
AROCLOR-1232								0.0206 U			0.0195 U	0.01975 U	0.02 U	
AROCLOR-1242								0.0206 U			0.0195 U	0.01975 U	0.02 U	
AROCLOR-1248								0.0206 U			0.0195 U	0.01975 U	0.02 U	
AROCLOR-1254								0.0206 U			0.0195 U	0.01975 U	0.02 U	
AROCLOR-1260								0.0206 U			0.0195 U	0.01975 U	0.02 U	
BETA-BHC								0.00206 U			0.00195 U	0.001975 U	0.002 U	
DELTA-BHC								0.00103 U			0.000975 U	0.000988 U	0.000999 U	
DIELDRIN								0.00309 U			0.00292 U	0.00296 U	0.003 U	
ENDOSULFAN I								0.00309 U			0.00292 U	0.00296 U	0.003 U	
ENDOSULFAN II								0.00206 U			0.00195 U	0.001975 U	0.002 U	
ENDOSULFAN SULFATE								0.00721 U			0.00682 U	0.006905 U	0.00699 U	
ENDRIN								0.00206 U			0.00195 U	0.001975 U	0.002 U	
ENDRIN ALDEHYDE								0.00206 U			0.00195 U	0.001975 U	0.002 U	
GAMMA-BHC (LINDANE)								0.00103 U			0.000975 U	0.000988 U	0.000999 U	
GAMMA-CHLORDANE								0.00206 U			0.00195 U	0.001975 U	0.002 U	
HEPTACHLOR								0.00412 U			0.0039 U	0.00395 U	0.004 U	
HEPTACHLOR EPOXIDE								0.00412 U			0.0039 U	0.00395 U	0.004 U	
METHOXYCHLOR								0.00309 U			0.00292 U	0.00296 U	0.003 U	
PENTACHLORONITROBENZENE								0.00309 U			0.00292 U	0.00296 U	0.003 U	
TOXAPHENE								0.0103 U			0.00975 U	0.00987 U	0.00999 U	
Radiological Parameters (PCI/L)														
GROSS ALPHA	2.98 U	2.88 U	2.915 U	2.95 U	1.87 U	2.21 U	2.6 U	5.1		2.59 U	1.9 U	1.65 U	1.4 U	
GROSS BETA	2.62	2.95 U	2.915 U	2.88 U	3.68	2.7	1.97 U	10.3		3.38 U	18.9	17.4	15.9	
RADIUM-228									0.519 U					0.731 U
STRONTIUM-90									1.63 U					1.89 U
Inorganics (UG/L)														
ALUMINUM	40.4	2.2 U	2.2 U	2.2 U	27	7.12	3.9 U	2.2 U		2.53	3.83	3.52	3.21	
ANTIMONY	0.14 U	0.14 U	0.14 U	0.14 U	0.213 U	0.14 U	0.14 U	0.14 U		0.14 U	0.14 U	0.14 U	0.14 U	
ARSENIC	5.83	7.64	7.73	7.82	7.05	6.34	10.2	2.68		7.23	3.32	3.36	3.4	
BARIUM	27.8	15.9	15.35	14.8	17.9	15.4	16.1	14.9		15.5	12.5	11.75	11	
BERYLLIUM	0.03 U	0.03 U	0.03 U	0.03 U	0.0301 U	0.03 U	0.03 U	0.03 U		0.0304 U	0.0756	0.0744	0.0732	
CADMIUM	0.04 U	0.0714	0.0947	0.118	0.475	0.04 U	0.04 U	0.575		0.04 U	0.04 U	0.04 U	0.04 U	
CALCIUM	112	122	123	124	99.8	118	113	125		117	103	103		
CHROMIUM	0.455 U	0.778	0.827	0.876	0.15 U	1.09 U	1.14	0.734		0.244	0.15 U	0.15 U	0.15 U	
COBALT	0.209	0.03 U	0.03 U	0.03 U	0.476	0.03 U	0.0622	0.0825		0.115	0.0369	0.0437	0.0505	
COPPER	27.9	237	237.5	238	47.1	195	142	84.5		428	28	29.35	30.7	
IRON	243	5.62 J	17.71 J	29.8 J	6010	67.7	5.34	8.81		4.7 U	61.2	62.4	63.6	
LEAD	7.03	2.06	2.235	2.41	15.8	7.38	1.68	2.04		1.24	1.47	1.435	1.4	
MAGNESIUM	26.7	28.1	28.15	28.2	27.5	27.2	26.3	28.8		27.4	22.4	22.4		
MANGANESE	23.9	0.327	0.4535	0.58	14	1.39	0.284	15		0.414	22.6	21.4	20.2	
MERCURY	0.024	0.04 J	0.0745 J	0.109 J	0.046	0.015 U	0.029	0.015 U		0.028	0.015 U	0.015 U	0.015 U	
NICKEL	0.831	2.22 J	4.5 J	6.78 J	12.2	0.481	2.84	7.64		2.91	7.67	8.13	8.59	
POTASSIUM	1.63	2.26	2.255	2.25	2.39	2.09	1.79	2.62		2.35	9.65	9.65		
SELENIUM	0.2 U	0.264	0.243	0.222	0.251	0.201	0.326	0.269		0.276	0.528	0.784	1.04	
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.291 U	0.12 U		0.12 U	0.12 U	0.12 U	0.12 U	
SODIUM	5.56	7.28	7.28	7.28	58.8	6.6	5.8	7.6		6.93	20.9	20.9		
THALLIUM	0.0638 U	0.459 U	0.3755 U	0.292 U	0.04 U	0.04 U	0.133 U	0.331 U		0.172	0.598 U	0.319 U	0.04 U	
TIN	1.83	0.1 U	0.135	0.22	0.454	4.34	1.84	0.165		0.1 U	0.16	0.1485	0.137	
URANIUM	0.961	1.07	1.06	1.05	0.641	1.04	0.972	1.56		0.85	2.75	2.69	2.63	

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STUDY AREA 01
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0010	0021	0021	0021	0024	0082	0085	0151	0151	0167	0171	0171	0171	0171
Sample ID	0010TW001	0021TW001	0021TW001-AVG	0021TW001-D	0024TW001	0082TW001	0085TW001	0151TW001	0151TW002	0167TW001	0171TW001	0171TW001-AVG	0171TW001-D	0171TW002
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	LEASE HOME-RESAM	PHASE II	PRE-LEASE HOME	PRE-LEASE HOME	PRE-LEASE HOME	PHASE II
Sample Date	20090318	20090309	20090309	20090309	20090321	20090225	20090303	20081008	20090515	20090323	20081014	20081014	20081014	20090706
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316942621420	6316942805411	6316942805411	6316942805411	6316949605500	6316737007483	6316730035334	6315603015350	6315603015350	6315840004470	6315800647458	6315800647458	6315800647458	6315800647458
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
VANADIUM	3.02	2.25	2.155	2.06	1 U	2.14	1.27	1 U		1 U	1.17 U	1.6 U	2.03 U	
ZINC	112	398	433	468	1620	92.9	87.1	630		162	139	137.5	136	
Microbiological Parameters														
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <			1 <	1 <	1 <	
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <			1 <	1 <	1 <	
Miscellaneous Parameters (MG/L)														
CHLORIDE	9.69	11.9	11.95	12	11.4	10.9	9.63	10.1		11.3	28.8	29.5	30.2	
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U		0.004 U	0.004 U	0.004 U	0.004 U	
FLUORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.344	0.3305	0.317	
NITRATE	3.18	3.55	3.555	3.56	3.42 J	3.33	3.33	4.28 J		3.62	14.8	14.9	15	
NITRITE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 UJ		0.2 U	0.2 U	0.2 U	0.2 U	
PHOSPHATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ		0.4 U	0.4 U	0.4 U	0.4 U	
SULFATE	9	8.62	8.685	8.75	8.82	9.11	8.69	10.6		7.88	25.3	25.15	25	
Field Parameters														
CHLORINE (MG/L)	0.1	0.11	0.11		0.02	0.16	0.1		0.08	0.14	0.024	0.024		0.06
DISSOLVED OXYGEN (MG/L)	9.91	7.62	7.62		8.29	7.25	6.86		6.55	6.47	8.92	8.92		6.89
OXIDATION REDUCTION POTENTIAL (MV)	480	553	553		317	611	582		538	572	537	537		210
PH (S.U.)	7.31	6.98	6.98		7.2	7.28	7.39		7.09	6.89	7.45	7.45		7.22
SALINITY (%)	0	0.02	0.02		0	0	0		0.02	0.02	0	0		0.02
SPECIFIC CONDUCTANCE (MS/CM)	0.79	0.765	0.765		0.844	0.79	0.77		0.743	0.762	0.79	0.79		0.71
TEMPERATURE (C)	13.71	14.26	14.26		9.54	11.99	14.48		20.89	19.33	17.66	17.66		26.3
TOTAL DISSOLVED SOLIDS														
TURBIDITY (NTU)	3.1	0	0		12.9	1	5		0.5	0				0

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STUDY AREA 01
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0180	0588	0589	0598	1187	1227	1312	1443	1450	1450	1450	1456	1459	1529
Sample ID	0180TW001	0588TW001	0589TW001	0598TW001	1187TW001	1227TW001	1312TW001	1443TW001	1450TW001	1450TW001-AVG	1450TW001-D	1456TW001	1459TW001	1529TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090320	20081117	20090226	20090312	20081124	20090320	20090303	20090121	20090331	20090331	20090331	20090306	20081015	20090408
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6300976002228	6316728509689	6316942621308	6316730005550	6316600301120	6316401804322	6316948803150	6316601835360	6317349605205	6317349605205	6317349605205	6316606313566	6316737001456	6316730039404
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)														
1,2,3,4,6,7,8,9-OCDD	0.0048 U	0.0034 U	0.0036 U	0.0036 J	0.0045 U	0.0026 U	0.004 U	0.0038 U	0.0049 U	0.00465 U	0.0044 U	0.0066 U	0.0069 U	0.0054 U
1,2,3,4,6,7,8,9-OCDF	0.0004 U	0.00055 U	0.00055 U	0.0011 U	0.0012 U	0.00034 U	0.0011 U	0.0015 U	0.00068 U	0.00058 U	0.00048 U	0.0011 U	0.006 U	0.00073 U
1,2,3,4,6,7,8-HPCDD	0.002 U	0.0016 U	0.0017 U	0.0016 U	0.0017 U	0.0012 U	0.0015 U	0.001 U	0.0017 U	0.0016 U	0.0015 U	0.0022 U	0.0019 U	0.0019 U
1,2,3,4,6,7,8-HPCDF	0.00037 U	0.00052 U	0.00075 U	0.00067 U	0.00057 U	0.00022 U	0.0014 U	0.00095 U	0.00033 U	0.000665 U	0.001 U	0.0018 U	0.0029 U	0.00061 U
1,2,3,4,7,8,9-HPCDF	0.0002 U	0.00017 U	0.0003 J	0.00041 U	0.00017 U	0.0002 U	0.00171 U	0.00069 U	0.00023 U	0.000265 U	0.0003 U	0.00036 U	0.000711 U	0.00032 U
1,2,3,4,7,8-HXCDD	0.000222 U	0.00038 U	0.00023 U	0.00053 U	0.00036 J	0.00022 U	0.0004 U	0.00052 U	0.0005 U	0.000365 U	0.00023 U	0.00036 U	0.00057 U	0.000243 U
1,2,3,4,7,8-HXCDF	0.000222 U	0.00017 U	0.00023 U	0.00029 U	0.00026 U	0.00022 U	0.00053 U	0.000213 U	0.00028 U	0.000255 U	0.00023 U	0.00024 U	0.00069 J	0.00022 J
1,2,3,6,7,8-HXCDD	0.00022 U	0.00031 U	0.0003 U	0.000454 U	0.00024 U	0.00025 U	0.00035 U	0.00045 U	0.00028 U	0.000345 U	0.00041 U	0.00031 U	0.0005 U	0.00034 U
1,2,3,6,7,8-HXCDF	0.0002 U	0.000142 U	0.0002 U	0.00029 U	0.00024 U	0.0002 U	0.00046 U	0.00019 U	0.00023 U	0.000265 U	0.0003 U	0.000214 U	0.00076 J	0.00029 U
1,2,3,7,8,9-HXCDD	0.0002 U	0.000332 U	0.0002 U	0.00074 J	0.00024 U	0.00025 U	0.00035 U	0.00045 U	0.0003 U	0.00038 U	0.00046 U	0.00031 U	0.0005 U	0.00024 U
1,2,3,7,8,9-HXCDF	0.00025 U	0.00019 U	0.00025 U	0.00062 U	0.00031 U	0.00049 U	0.00072 U	0.00026 U	0.00038 U	0.000305 U	0.00023 U	0.000262 U	0.00076 J	0.000243 U
1,2,3,7,8-PECDD	0.000941 U	0.000403 U	0.00068 U	0.00065 U	0.00057 U	0.000982 U	0.00045 U	0.00069 U	0.00048 U	0.00062 U	0.00076 U	0.00048 U	0.00073 J	0.00093 U
1,2,3,7,8-PECDF	0.0003 U	0.00019 U	0.00023 U	0.00024 U	0.00043 U	0.00037 U	0.00056 U	0.000544 U	0.00048 U	0.00048 U	0.00048 U	0.00031 U	0.00055 U	0.00049 U
2,3,4,6,7,8-HXCDF	0.000222 U	0.00017 U	0.00023 U	0.00029 U	0.00026 U	0.00022 U	0.0003 U	0.00028 J	0.00028 U	0.000255 U	0.00023 U	0.00024 U	0.00076 U	0.00027 J
2,3,4,7,8-PECDF	0.0005 U	0.0005 U	0.0004 U	0.00045 U	0.00043 U	0.00027 U	0.00081 U	0.00057 U	0.001 U	0.000945 U	0.00089 U	0.00036 U	0.0012 U	0.0008 U
2,3,7,8-TCDD	0.000272 U	0.000142 J	0.00025 J	0.0006 U	0.00024 U	0.00027 U	0.00049 U	0.00031 U	0.00033 J	0.000241 J	0.000304 U	0.00029 U	0.00055 J	0.00027 U
2,3,7,8-TCDF	0.00042 U	0.00095 U	0.00018 U	0.00026 U	0.00019 U	0.00025 U	0.00072 U	0.0004 U	0.00035 U	0.00044 U	0.00053 U	0.00052 U	0.00062 U	0.00039 U
TEQ	0.000272 U	0.000142	0.000253	7.51E-05	0.000036	0.00027 U	0.00049 U	0.000028	0.00033	0.000241	0.000304 U	0.00029 U	0.001501	0.000049
TOTAL HPCDD	0.002 J	0.0019 J	0.0017 J	0.0016 J	0.0017 J	0.0012 J	0.0024 J	0.001 J	0.0017 J	0.0021 J	0.0025 J	0.0022 J	0.0019 J	0.0019 J
TOTAL HPCDF	0.00057 J	0.00083 J	0.0011 J	0.0011 J	0.00066 J	0.000343 U	0.004535 U	0.001207 U	0.0005 J	0.0009 J	0.0013 J	0.002 J	0.0034 J	0.00083 J
TOTAL HXCDD	0.00064 J	0.00102 U	0.0007 J	0.0015 U	0.000734 J	0.00064 J	0.0011 U	0.00142 U	0.00098 J	0.00104 J	0.0011 J	0.00098 U	0.001541 U	0.0008 J
TOTAL HXCDF	0.000891 U	0.000664 U	0.000901 U	0.0013 J	0.0011 U	0.00091 J	0.002 J	0.00088 U	0.0011 U	0.00086 J	0.00086 J	0.000953 U	0.0029 J	0.00093 J
TOTAL PECDD	0.000941 U	0.000403 U	0.00068 U	0.00065 U	0.00057 U	0.000982 U	0.00045 U	0.00069 U	0.00048 U	0.00062 U	0.00076 U	0.00048 U	0.00073 J	0.00093 U
TOTAL PECDF	0.00079 J	0.00069 J	0.00055 J	0.00067 J	0.000853 U	0.00064 J	0.0014 J	0.001113 U	0.0015 J	0.00145 J	0.0014 J	0.00069 J	0.0018 J	0.0013 J
TOTAL TCDD	0.00087 J	0.00043 U	0.00078 J	0.0018 U	0.000711 U	0.00081 U	0.000892 U	0.000923 U	0.00098 J	0.00104 J	0.0011 J	0.00086 U	0.000782 U	0.000804 U
TOTAL TCDF	0.0005 J	0.00019 U	0.00035 U	0.000382 U	0.00038 U	0.000392 U	0.00076 J	0.00054 J	0.0005 U	0.00043 J	0.00061 J	0.0006 J	0.00078 J	0.00068 J
Volatile Organics (UG/L)														
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.17 U	0.1 U	0.1 U	0.17 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.05 U	0.08 U	0.08 U	0.05 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.05 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.13 U	0.14 U	0.14 U	0.13 U	0.14 U	0.14 U	0.221 J	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.12 U	0.1 U	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.13 U	0.1 U	0.1 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.13 U	0.1 U	0.1 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.25 U	0.2 U	0.2 U	0.25 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.09 U	0.1 U	0.1 U	0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.07 U	0.08 U	0.08 U	0.07 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.08 U	0.1 U	0.1 U	0.08 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.08 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.15 U	0.1 U	0.1 U	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.4 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.07 U	0.1 U	0.1 U	0.07 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	1.6 U	2 U	2 U	1.6 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1.6 U	2 U
2-CHLOROTOLUENE	0.1 U	0.12 U	0.1 U	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.13 U	0.1 U	0.1 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.1 U	0.07 U	0.07 U	0.1 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.1 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.1 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	0.4 U	1.3 U	1.3 U	0.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	0.4 U	1.3 U
BENZENE	0.11 U	0.05 U	0.11 U	0.11 U	0.05 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.05 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.257 J	0.173 J	0.364 J	0.1 U	0.12 U	0.255 J	0.41 J	0.169 J	1.07	1.0345	0.999	0.589	0.18 J	0.371 J
BROMOFORM	0.06 U	2.32	1.88	2.51	2.14	4.86	1.76	5.43	1.45	1.4	1.35	1.42	3.22	1.12
BROMOMETHANE	0.5 U	0.37 U	0.5 U	0.5 U	0.37 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.37 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.12 U	0.1 U	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.1 U
CHLORODIBROMOMETHANE	0.527	0.312 J	0.827	0.78	1.3	1.05	0.804	0.826	1.77	1.61	1.45	1.14	0.448 J	0.777
CHLOROETHANE	0.3 U	0.18 U	0.3 U	0.3 U	0.18 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.18 U	0.3 U
CHLOROFORM	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.261 J	0.254 J	0.241 J	0.712	0.689	0.666	0.341	0.121 J	0.248 J
CHLOROMETHANE	0.2 U	0.21 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.13 U	0.1 U	0.1 U	0.13 U	0.324 J	0.1 U	0.275 J	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 01
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0180	0588	0589	0598	1187	1227	1312	1443	1450	1450	1450	1456	1459	1529
Sample ID	0180TW001	0588TW001	0589TW001	0598TW001	1187TW001	1227TW001	1312TW001	1443TW001	1450TW001	1450TW001-AVG	1450TW001-D	1456TW001	1459TW001	1529TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090320	20081117	20090226	20090312	20081124	20090320	20090303	20090121	20090331	20090331	20090331	20090306	20081015	20090408
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6300976002228	6316728509689	6316942621308	6316730005550	6316600301120	6316401804322	6316948803150	6316601835360	6317349605205	6317349605205	6317349605205	6316606313566	6316737001456	6316730039404
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CIS-1,3-DICHLOROPROPENE	0.1 U	0.15 U	0.1 U	0.1 U	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.12 U	0.14 U	0.14 U	0.12 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.12 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.06 U	0.08 U	0.08 U	0.06 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.06 U	0.08 U
M+P-XYLENES	0.1 U	0.09 U	0.1 U	0.1 U	0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	1.11 J
METHYL TERT-BUTYL ETHER	0.1 U	0.11 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U
METHYLENE CHLORIDE	0.2 U	0.69 U	0.2 U	0.2 U	0.69 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.69 U	0.239 J
N-BUTYLBENZENE	0.07 U	0.05 U	0.07 U	0.07 U	0.05 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.05 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.04 U	0.06 U	0.06 U	0.04 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.04 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.19 U	0.1 U	0.1 U	0.19 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.1 U
TETRACHLOROETHENE	0.1 U	0.07 U	0.1 U	0.1 U	0.07 U	0.279 J	0.1 U	0.32 J	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.1 U
TOLUENE	0.1 U	0.17 U	0.1 U	0.1 U	0.17 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.154 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.15 U	0.11 U	0.11 U	0.15 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.739 J	0.13 U	0.679 J	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.19 U	0.1 U	0.1 U	0.19 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.1 U
VINYL CHLORIDE	0.1 U	0.15 U	0.1 U	0.1 U	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.1 U
Semivolatile Organics (UG/L)														
1,1-BIPHENYL		0.192 U			0.191 U			0.19 U					0.194 U	
1,2,4,5-TETRACHLOROBENZENE		0.192 U			0.191 U			0.19 U					0.194 U	
2,3,4,6-TETRACHLOROPHENOL		0.288 UR			0.286 UR			0.285 UR					0.29 U	
2,4,5-TRICHLOROPHENOL		0.481 UR			0.477 UR			0.475 UR					0.484 U	
2,4,6-TRICHLOROPHENOL		0.481 UR			0.477 UR			0.475 UR					0.484 U	
2,4-DICHLOROPHENOL		0.673 UR			0.668 UR			0.666 UR					0.678 U	
2,4-DIMETHYLPHENOL		0.961 UR			0.954 UR			0.951 UR					0.968 U	
2,4-DINITROPHENOL		0.288 UR			0.286 UR			0.285 UR					0.29 U	
2,4-DINITROTOLUENE		0.961 U			0.954 U			0.951 U					0.968 U	
2,6-DICHLOROPHENOL		0.769 UR			0.763 UR			0.761 UR					0.774 U	
2,6-DINITROTOLUENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
2-CHLORONAPHTHALENE		0.192 U			0.191 U			0.19 U					0.194 U	
2-CHLOROPHENOL		0.865 UR			0.859 UR			0.856 UR					0.871 U	
2-METHYLNAPHTHALENE		0.192 U			0.191 U			0.19 U					0.194 U	
2-METHYLPHENOL		0.673 UR			0.668 UR			0.666 UR					0.678 U	
2-NITROPHENOL		0.865 UR			0.859 UR			0.856 UR					0.871 U	
3&4-METHYLPHENOL		1.15 UR			1.14 UR			1.14 UR					1.16 U	
3-NITROANILINE		0.961 U			0.954 U			0.951 U					0.968 U	
4,6-DINITRO-2-METHYLPHENOL		0.192 UR			0.191 UR			0.19 UR					0.194 U	
4-BROMOPHENYL PHENYL ETHER		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
4-CHLORO-3-METHYLPHENOL		0.577 UR			0.572 UR			0.571 UR					0.581 U	
4-CHLOROANILINE		0.961 U			0.954 U			0.951 U					0.968 U	
4-NITROANILINE		0.961 U			0.954 U			0.951 U					0.968 U	
4-NITROPHENOL		0.288 UR			0.286 UR			0.285 UR					0.29 U	
ACENAPHTHENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
ACENAPHTHYLENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
ANILINE		0.961 U			0.954 U			0.951 U					0.968 U	
ANTHRACENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
ATRAZINE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
BAP EQUIVALENT		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
BENZO(A)ANTHRACENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
BENZO(A)PYRENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
BENZO(B)FLUORANTHENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
BENZO(G,H,I)PERYLENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
BENZO(K)FLUORANTHENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
BIS(2-ETHYLHEXYL)PHTHALATE		1.35 U			1.34 U			1.33 U					1.36 U	
BUTYL BENZYL PHTHALATE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
CARBAZOLE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
CHRYSENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
DI-N-BUTYL PHTHALATE		1.25 U			1.24 U			1.24 U					1.26 U	
DI-N-OCTYL PHTHALATE		0.192 U			0.191 U			0.19 U					0.194 U	
DIBENZO(A,H)ANTHRACENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
DIBENZOFURAN		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
DIETHYL PHTHALATE		0.192 U			0.191 U			0.19 U					0.194 U	
DIMETHYL PHTHALATE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
DIPHENYLAMINE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
FLUORANTHENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
FLUORENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
HEXACHLOROBENZENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	

NA-Not Available
J-Estimated value
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STUDY AREA 01
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0180	0588	0589	0598	1187	1227	1312	1443	1450	1450	1450	1456	1459	1529
Sample ID	0180TW001	0588TW001	0589TW001	0598TW001	1187TW001	1227TW001	1312TW001	1443TW001	1450TW001	1450TW001-AVG	1450TW001-D	1456TW001	1459TW001	1529TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090320	20081117	20090226	20090312	20081124	20090320	20090303	20090121	20090331	20090331	20090331	20090306	20081015	20090408
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6300976002228	6316728509689	6316942621308	6316730005550	6316600301120	6316401804322	6316948803150	6316601835360	6317349605205	6317349605205	6317349605205	6316606313566	6316737001456	6316730039404
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
HEXACHLOROBUTADIENE		0.192 U			0.191 U			0.19 U					0.194 U	
HEXACHLOROCYCLOPENTADIENE		0.961 U			0.954 U			0.951 U					0.968 U	
HEXACHLOROETHANE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
INDENO(1,2,3-CD)PYRENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
NAPHTHALENE		0.192 U			0.191 U			0.19 U					0.194 U	
NITROBENZENE		0.192 U			0.191 U			0.19 U					0.194 U	
O-TOLUIDINE		0.673 U			0.668 U			0.666 U					0.678 U	
PENTACHLOROBENZENE		0.192 U			0.191 U			0.19 U					0.194 U	
PENTACHLOROPHENOL		0.288 UR			0.286 UR			0.285 UR					0.29 U	
PHENANTHRENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
PHENOL		0.961 UR			0.954 UR			0.951 UR					0.968 U	
PYRENE		0.0961 U			0.0954 U			0.0951 U					0.0968 U	
Pesticides/PCBs (UG/L)														
4,4'-DDD		0.00299 U			0.00299 U			0.00302 U					0.00301 U	
4,4'-DDE		0.002 U			0.00199 U			0.00201 U					0.00201 U	
4,4'-DDT		0.00599 U			0.00598 U			0.00604 U					0.00602 U	
ALDRIN		0.002 U			0.00199 U			0.00201 U					0.00201 U	
ALPHA-BHC		0.00299 U			0.00299 U			0.00302 U					0.00301 U	
ALPHA-CHLORDANE		0.00299 U			0.00299 U			0.00302 U					0.00301 U	
AROCLOR-1016		0.02 U			0.0199 U			0.0201 U					0.0201 U	
AROCLOR-1221		0.02 U			0.0199 U			0.0201 U					0.0201 U	
AROCLOR-1232		0.02 U			0.0199 U			0.0201 U					0.0201 U	
AROCLOR-1242		0.02 U			0.0199 U			0.0201 U					0.0201 U	
AROCLOR-1248		0.02 U			0.0199 U			0.0201 U					0.0201 U	
AROCLOR-1254		0.02 U			0.0199 U			0.0201 U					0.0201 U	
AROCLOR-1260		0.02 U			0.0199 U			0.0201 U					0.0201 U	
BETA-BHC		0.002 U			0.00199 U			0.00201 U					0.00201 U	
DELTA-BHC		0.000998 U			0.000996 U			0.00101 U					0.001 U	
DIELDRIN		0.00299 U			0.00299 U			0.00302 U					0.00301 U	
ENDOSULFAN I		0.00299 U			0.00299 U			0.00302 U					0.00301 U	
ENDOSULFAN II		0.002 U			0.00199 U			0.00201 U					0.00201 U	
ENDOSULFAN SULFATE		0.00699 U			0.00697 U			0.00705 U					0.00702 U	
ENDRIN		0.002 U			0.00199 U			0.00201 U					0.00201 U	
ENDRIN ALDEHYDE		0.002 U			0.00199 U			0.00201 U					0.00201 U	
GAMMA-BHC (LINDANE)		0.000998 U			0.000996 U			0.00101 U					0.001 U	
GAMMA-CHLORDANE		0.002 U			0.00199 U			0.00201 U					0.00201 U	
HEPTACHLOR		0.00399 U			0.00398 U			0.00403 U					0.00401 U	
HEPTACHLOR EPOXIDE		0.00399 U			0.00398 U			0.00403 U					0.00401 U	
METHOXYCHLOR		0.00299 U			0.00299 U			0.00302 U					0.00301 U	
PENTACHLORONITROBENZENE		0.00299 U			0.00299 U			0.00302 U					0.00301 U	
TOXAPHENE		0.00998 U			0.00996 U			0.0101 U					0.01 U	
Radiological Parameters (PCI/L)														
GROSS ALPHA	1.82 U	1.9 U	1.38 U	2.92 U	1.4 U	2.43	1.77 U	2.2	2.58 U	2.77 U	2.96 U	2.86 U	2.4	1.83 U
GROSS BETA	3.94	5.7 U	2.08 U	3.58	5.9 U	12.5	1.41 U	11.4	4.4	3	3.2 U	4.74	6.2 U	3.72 U
RADIUM-228														
STRONTIUM-90														
Inorganics (UG/L)														
ALUMINUM	8.88	2.23	3.16 U	20.3	2.2 U	2.2 U	3.94 U	2.39	2.2 U	2.2 U	2.2 U	6.71 U	3.52	2.2 U
ANTIMONY	0.343	0.14 U	0.157	0.157	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.188	0.14 U	0.14 U
ARSENIC	5.21	5.99	10.2	9.89	5.2	4.38	9.84	6.82	6.53	6.645	6.76	0.31 U	2.73	5.56
BARIUM	18.4	16.5	15.6	17.1	15.7	14.3	16.3	17	13.3	14.2	15.1	14.1	16.3	16.2
BERYLLIUM	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	0.0614	0.04 U	0.04 U	0.114	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0468	0.04 U	0.04 U
CALCIUM	121	125	119	112	119	96.7	111	105	113	112	111	115		117
CHROMIUM	0.591 U	1.08 U	1.16	0.388	1.28 U	0.307 U	1.15	0.15 U	0.15 U	0.15 U	0.15 U	0.619 U	2.6	0.985
COBALT	0.0712	0.03 U	0.0715	0.181	0.0372	0.0745	0.0647	0.0911	0.0844	0.08375	0.0831	0.0593	0.0314	0.0793 U
COPPER	227	90 J	92.8	527	32.6 J	71.5	134	35.8	26.4 J	32.4 J	38.4 J	119	76.4	104
IRON	23.2	4.7 U	26.4	4630	4.7 U	10.4	11.1	55.8	19.8 J	41.15 J	62.5 J	86.3	15.9	5.4
LEAD	3.93	0.63	2.5	31.1	0.297 J	1.08	1.05	0.985	0.523	0.641	0.759	19	2.04	0.72
MAGNESIUM	28.3	28.9	27.5	25.2	26.7	21	26.3	23.3	26.5	26.5	26.5	26.7		27.4
MANGANESE	1.45	0.335	0.321	10.2	0.216	2.65	0.874	5.98	0.541	0.4495	0.358	2.1	0.851	0.188
MERCURY	0.033	0.023	0.044	0.033	0.02	0.029	0.043	0.038	0.058	0.061	0.064	0.022	0.015 U	0.125
NICKEL	4.73	1.41	14.5	9.95	4.86 J	0.759	2.75	2.46	1.05	1.31	1.57	10.3	0.993	1.77
POTASSIUM	2.67	2.91	1.93	9.08	2.5	13.1	1.78	13.6	1.64	1.64	1.64	2.23		1.81
SELENIUM	0.2 U	0.2 U	0.338	0.32	0.266	0.2 U	0.352	0.288 U	0.272	0.2495	0.227	0.285	0.512 U	0.249
SILVER	0.12 U	0.12 U	1.39	0.12 U	0.12 U	0.12 U	0.349 U	0.12 U	0.12 U	0.12 U	0.12 U	0.333 U	0.12 U	0.12 U
SODIUM	6.86	8.84	6.58	14.6	8.18	17.8	5.76	26	5.7	5.68	5.66	6.86		5.88
THALLIUM	0.04 U	0.04 U	0.428 U	0.174 U	0.234 U	0.04 U	0.0912 U	0.04 U	0.51	0.308	0.212 U	0.326 U	0.297 U	0.466 U
TIN	0.191	0.1 U	1.79	0.543	0.1 U	0.1 U	1.02	0.1 U	0.493	0.2715	0.1 U	1.27	0.201	0.1 U
URANIUM	1.1	1.36	1.07	3.35	1.01	3.84	1.03	3.8	0.942	0.96	0.978	1.09	1.32	1.03

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STUDY AREA 01
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0180	0588	0589	0598	1187	1227	1312	1443	1450	1450	1450	1456	1459	1529
Sample ID	0180TW001	0588TW001	0589TW001	0598TW001	1187TW001	1227TW001	1312TW001	1443TW001	1450TW001	1450TW001-AVG	1450TW001-D	1456TW001	1459TW001	1529TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090320	20081117	20090226	20090312	20081124	20090320	20090303	20090121	20090331	20090331	20090331	20090306	20081015	20090408
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6300976002228	6316728509689	6316942621308	6316730005550	6316600301120	6316401804322	6316948803150	6316601835360	6317349605205	6317349605205	6317349605205	6316606313566	6316737001456	6316730039404
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
VANADIUM	1.13	2.72	1.89	5.04	1.53	2.57	3.09	2.51	1.73	1.115	1 U	1 U	2.87	1 U
ZINC	165	44.9	132	874	19 J	30	167	47.8	30.1	31.55	33	1220	51.8	57.2
Microbiological Parameters														
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)														
CHLORIDE	6.89	15.3	11	10.6	14.8	26	10.2	49.5	9.52	9.39	9.26	11.7	11.6	10.6
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.398	0.2 U	0.462	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NITRATE	3.28 J	3.84	3.42 J	3.38	3.77	19.9 J	3.37	21.5	3.2	3.205	3.21	3.55 J	4.21	3.33
NITRITE	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U
PHOSPHATE	0.4 UJ	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U
SULFATE	6.05	11.7	8.91	8.84	9.81	32.4	8.74	36.4	8.97	8.95	8.93	8.95	10.4	9.03
Field Parameters														
CHLORINE (MG/L)	0.14	0.07	0.1	0.04	0.08	0.08	0.1	0.08	0.13	0.13		0.02	0.06	0.14
DISSOLVED OXYGEN (MG/L)	6.97	9.18	9.59	6.71	10.19	7	6.04	9.95	7.71	7.71		7.3	7.05	9.65
OXIDATION REDUCTION POTENTIAL (MV)	461	513	515	399	511	527	560	443	550	550		411	411	549
PH (S.U.)	7.13	7.23	7.11	6.98	7.24	7.63	7.2	7.21	7.35	7.35		7.2	7.26	7.3
SALINITY (%)	0.01	0	0	0.02	0	0.02	0	0	0.02	0.02		0	0	0
SPECIFIC CONDUCTANCE (MS/CM)	0.608	0.572	0.81	0.712	0.842	0.726	0.77	0.915	0.742	0.742		0.83	0.89	0.841
TEMPERATURE (C)	15.23	17.05	9.52	16.28	15.08	14.7	11.84	12.33	16.98	16.98		22.54	18	16.55
TOTAL DISSOLVED SOLIDS		0.56			0.54									
TURBIDITY (NTU)	0.4	0	4.7	0	0	0.2	6	58	0.1	0.1		1	0	0.9

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STUDY AREA 01
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1811	1839	1867	1928	2090	2103	2139
Sample ID	1811TW001	1839TW001	1867TW001	1928TW001	2090TW001	2103TW001	2139TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081006	20081015	20081025	20081209	20090402	20090220	20090404
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316730009426	6317702007260	6316730011490	6315900303134	6316002717262	6316605966092	6315803003260
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)							
1,2,3,4,6,7,8,9-OCDD	0.011 U	0.0059 U	0.0047 U	0.0049 J	0.0059 U	0.0043 U	0.0047 U
1,2,3,4,6,7,8,9-OCDF	0.011 U	0.0038 U	0.002905 U	0.0018 U	0.00072 U	0.000433 U	0.0014 U
1,2,3,4,6,7,8-HPCDD	0.0051 U	0.0024 U	0.0018 U	0.0017 U	0.0016 U	0.0015 U	0.002 U
1,2,3,4,6,7,8-HPCDF	0.002843 U	0.0017 U	0.00098 U	0.00091 U	0.0006 U	0.00069 U	0.00079 U
1,2,3,4,7,8,9-HPCDF	0.003832 U	0.000714 U	0.000864 U	0.00053 U	0.000223 U	0.00036 U	0.00036 U
1,2,3,4,7,8-HXCDD	0.0012 U	0.00025 U	0.000552 U	0.00024 U	0.000471 U	0.000433 U	0.00053 U
1,2,3,4,7,8-HXCDF	0.00099 U	0.000221 U	0.00041 U	0.00039 U	0.00022 J	0.000203 U	0.000311 U
1,2,3,6,7,8-HXCDD	0.00099 U	0.0002 U	0.00046 U	0.00022 U	0.000421 U	0.00036 U	0.000311 U
1,2,3,6,7,8-HXCDF	0.00087 U	0.000172 U	0.00036 U	0.00026 U	0.000173 U	0.00018 U	0.00038 U
1,2,3,7,8,9-HXCDD	0.001013 U	0.0002 U	0.00048 U	0.00024 U	0.000421 U	0.000382 U	0.0006 U
1,2,3,7,8,9-HXCDF	0.001137 U	0.00025 U	0.00048 U	0.000312 U	0.000223 U	0.00023 U	0.00036 U
1,2,3,7,8-PECDD	0.0013 U	0.000492 U	0.000552 U	0.00075 U	0.00082 U	0.000534 U	0.0011 U
1,2,3,7,8-PECDF	0.001236 U	0.00032 U	0.000192 U	0.00058 U	0.00032 U	0.00018 U	0.00041 U
2,3,4,6,7,8-HXCDF	0.00099 U	0.000221 U	0.00041 U	0.00029 U	0.0002 U	0.00023 U	0.000311 J
2,3,4,7,8-PECDF	0.0013 U	0.00079 U	0.00048 U	0.000601 U	0.001 U	0.00048 U	0.0006 U
2,3,7,8-TCDD	0.00047 U	0.0002 U	0.00022 U	0.00029 U	0.00025 U	0.000382 U	0.00041 U
2,3,7,8-TCDF	0.000321 U	0.00022 U	0.00031 U	0.00024 U	0.00032 U	0.00028 U	0.0006 U
TEQ	0.00047 U	0.0002 U	0.00022 U	1.47E-06	0.000022	0.000382 U	3.11E-05
TOTAL HPCDD	0.0051 U	0.0024 J	0.0018 J	0.0017 J	0.0016 J	0.0015 J	0.0035 J
TOTAL HPCDF	0.0067 U	0.0019 J	0.0015 U	0.0029 J	0.00072 J	0.0017 J	0.0011 J
TOTAL HXCDD	0.0032 U	0.00064 U	0.0015 U	0.000673 U	0.001314 U	0.0012 U	0.0014 J
TOTAL HXCDF	0.004 U	0.000862 U	0.0017 U	0.001131 U	0.000793 U	0.00084 U	0.0013 J
TOTAL PECDD	0.0013 U	0.000492 U	0.000552 U	0.00075 U	0.00082 U	0.000534 U	0.0011 U
TOTAL PECDF	0.0025 U	0.0011 J	0.0006 J	0.0012 U	0.0014 J	0.00053 J	0.001 J
TOTAL TCDD	0.0013 U	0.000591 U	0.00065 U	0.00087 U	0.000744 U	0.001146 U	0.0013 J
TOTAL TCDF	0.000642 U	0.000344 U	0.00053 J	0.000481 U	0.00045 J	0.00033 J	0.00072 J
Volatile Organics (UG/L)							
1,1,1,2-TETRACHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.17 U	0.17 U	0.17 U	0.17 U	0.147 J	0.1 U	0.148 J
1,1,2,2-TETRACHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.12 U	0.12 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.13 U	0.13 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.09 U	0.09 U	0.09 U	0.09 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.15 U	0.15 U	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	1.6 U	1.6 U	1.6 U	1.6 U	2 U	2 U	2 U
2-CHLOROTOLUENE	0.12 U	0.12 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.13 U	0.13 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	0.4 U	0.4 U	0.4 U	0.4 U	1.3 U	1.3 U	1.3 U
BENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.12 U	0.208 J	0.439 J	0.172 J	0.247 J	0.1 U	0.308 J
BROMOFORM	2.17	4.05	1.79	3.96	4.28	1.1	3.63
BROMOMETHANE	0.37 U	0.37 U	0.37 U	0.37 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.12 U	0.12 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.165 J	0.829	1.14	0.653	1.16	1.11	1.1
CHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.0959 U	0.14 J	0.198 J	0.213 J	0.229 J	0.09 U	0.223 J
CHLOROMETHANE	0.21 U	0.21 U	0.21 U	0.21 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.276 J	0.1 U	0.1 U	0.1 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 01
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1811	1839	1867	1928	2090	2103	2139
Sample ID	1811TW001	1839TW001	1867TW001	1928TW001	2090TW001	2103TW001	2139TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081006	20081015	20081025	20081209	20090402	20090220	20090404
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316730009426	6317702007260	6316730011490	6315900303134	6316002717262	6316605966092	6315803003260
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CIS-1,3-DICHLOROPROPENE	0.15 U	0.15 U	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.09 U	0.09 U	0.09 U	0.09 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	0.69 U	0.69 U	0.69 U	0.69 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.19 U	0.19 U	0.19 U	0.19 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.07 U	0.196 J	0.07 U	0.268 J	0.229 J	0.1 U	0.297 J
TOLUENE	0.17 U	0.17 U	0.17 U	0.17 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.15 U	0.15 U	0.15 U	0.15 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.257 J	0.13 U	0.665 J	0.654 J	0.13 U	0.668 J
TRICHLOROFLUOROMETHANE	0.19 U	0.19 U	0.19 U	0.19 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.15 U	0.15 U	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U
Semivolatile Organics (UG/L)							
1,1-BIPHENYL	0.191 U	0.206 U	0.195 U	0.196 U			
1,2,4,5-TETRACHLOROBENZENE	0.191 U	0.206 U	0.195 U	0.196 U			
2,3,4,6-TETRACHLOROPHENOL	0.286 U	0.309 U	0.292 U	0.294 UR			
2,4,5-TRICHLOROPHENOL	0.477 U	0.515 U	0.487 U	0.491 UR			
2,4,6-TRICHLOROPHENOL	0.477 U	0.515 U	0.487 U	0.491 UR			
2,4-DICHLOROPHENOL	0.668 U	0.721 U	0.681 U	0.687 UR			
2,4-DIMETHYLPHENOL	0.954 U	1.03 U	0.973 U	0.981 UR			
2,4-DINITROPHENOL	0.286 U	0.309 U	0.292 U	0.294 UR			
2,4-DINITROTOLUENE	0.954 U	1.03 U	0.973 U	0.981 U			
2,6-DICHLOROPHENOL	0.763 U	0.824 U	0.778 U	0.785 UR			
2,6-DINITROTOLUENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
2-CHLORONAPHTHALENE	0.191 U	0.206 U	0.195 U	0.196 U			
2-CHLOROPHENOL	0.858 U	0.927 U	0.876 U	0.883 UR			
2-METHYLNAPHTHALENE	0.191 U	0.206 U	0.195 U	0.196 U			
2-METHYLPHENOL	0.668 U	0.721 U	0.681 U	0.687 UR			
2-NITROPHENOL	0.858 U	0.927 U	0.876 U	0.883 UR			
3&4-METHYLPHENOL	1.14 U	1.24 U	1.17 U	1.18 UR			
3-NITROANILINE	0.954 U	1.03 U	0.973 U	0.981 U			
4,6-DINITRO-2-METHYLPHENOL	0.191 U	0.206 U	0.195 U	0.196 UR			
4-BROMOPHENYL PHENYL ETHER	0.0954 U	0.103 U	0.0973 U	0.0981 U			
4-CHLORO-3-METHYLPHENOL	0.572 U	0.618 U	0.584 U	0.589 UR			
4-CHLOROANILINE	0.954 U	1.03 U	0.973 U	0.981 U			
4-NITROANILINE	0.954 U	1.03 U	0.973 U	0.981 U			
4-NITROPHENOL	0.286 U	0.309 U	0.292 U	0.294 UR			
ACENAPHTHENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
ACENAPHTHYLENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
ANILINE	0.954 U	1.03 U	0.973 U	0.981 U			
ANTHRACENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
ATRAZINE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
BAP EQUIVALENT	0.0954 U	0.103 U	0.0973 U	0.0981 U			
BENZO(A)ANTHRACENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
BENZO(A)PYRENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
BENZO(B)FLUORANTHENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
BENZO(G,H,I)PERYLENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
BENZO(K)FLUORANTHENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
BIS(2-ETHYLHEXYL)PHTHALATE	1.34 U	1.44 U	1.36 U	1.37 U			
BUTYL BENZYL PHTHALATE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
CARBAZOLE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
CHRYSENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
DI-N-BUTYL PHTHALATE	1.24 U	1.34 U	1.27 U	1.28 U			
DI-N-OCTYL PHTHALATE	0.191 U	0.206 U	0.195 U	0.196 U			
DIBENZO(A,H)ANTHRACENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
DIBENZOFURAN	0.0954 U	0.103 U	0.0973 U	0.0981 U			
DIETHYL PHTHALATE	0.191 U	0.206 U	0.195 U	0.196 U			
DIMETHYL PHTHALATE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
DIPHENYLAMINE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
FLUORANTHENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
FLUORENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
HEXACHLOROBENZENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			

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STUDY AREA 01
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1811	1839	1867	1928	2090	2103	2139
Sample ID	1811TW001	1839TW001	1867TW001	1928TW001	2090TW001	2103TW001	2139TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081006	20081015	20081025	20081209	20090402	20090220	20090404
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316730009426	6317702007260	6316730011490	6315900303134	6316002717262	6316605966092	6315803003260
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
HEXACHLOROBUTADIENE	0.191 U	0.206 U	0.195 U	0.196 U			
HEXACHLOROCYCLOPENTADIENE	0.954 U	1.03 U	0.973 U	0.981 U			
HEXACHLOROETHANE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
INDENO(1,2,3-CD)PYRENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
NAPHTHALENE	0.191 U	0.206 U	0.195 U	0.196 U			
NITROBENZENE	0.191 U	0.206 U	0.195 U	0.196 U			
O-TOLUIDINE	0.668 U	0.721 U	0.681 U	0.687 U			
PENTACHLOROBENZENE	0.191 U	0.206 U	0.195 U	0.196 U			
PENTACHLOROPHENOL	0.286 U	0.309 U	0.292 U	0.294 UR			
PHENANTHRENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
PHENOL	0.954 U	1.03 U	0.973 U	0.981 UR			
PYRENE	0.0954 U	0.103 U	0.0973 U	0.0981 U			
Pesticides/PCBs (UG/L)							
4,4'-DDD	0.00323 U	0.0033 U	0.0031 U	0.00308 U			
4,4'-DDE	0.00215 U	0.0022 U	0.00207 U	0.00205 U			
4,4'-DDT	0.00646 U	0.0066 U	0.0062 U	0.00616 U			
ALDRIN	0.00215 U	0.0022 U	0.00207 U	0.00205 U			
ALPHA-BHC	0.00323 U	0.0033 U	0.0031 U	0.00308 U			
ALPHA-CHLORDANE	0.00323 U	0.0033 U	0.0031 U	0.00308 U			
AROCLOR-1016	0.0215 U	0.022 U	0.0207 U	0.0205 U			
AROCLOR-1221	0.0215 U	0.022 U	0.0207 U	0.0205 U			
AROCLOR-1232	0.0215 U	0.022 U	0.0207 U	0.0205 U			
AROCLOR-1242	0.0215 U	0.022 U	0.0207 U	0.0205 U			
AROCLOR-1248	0.0215 U	0.022 U	0.0207 U	0.0205 U			
AROCLOR-1254	0.0215 U	0.022 U	0.0207 U	0.0205 U			
AROCLOR-1260	0.0215 U	0.022 U	0.0207 U	0.0205 U			
BETA-BHC	0.00215 U	0.0022 U	0.00207 U	0.00205 U			
DELTA-BHC	0.00108 U	0.0011 U	0.00103 U	0.00103 U			
DIELDRIN	0.00323 U	0.0033 U	0.0031 U	0.00308 U			
ENDOSULFAN I	0.00323 U	0.0033 U	0.0031 U	0.00308 U			
ENDOSULFAN II	0.00215 U	0.0022 U	0.00207 U	0.00205 U			
ENDOSULFAN SULFATE	0.00753 U	0.0077 U	0.00723 U	0.00719 U			
ENDRIN	0.00215 U	0.0022 U	0.00207 U	0.00205 U			
ENDRIN ALDEHYDE	0.00215 U	0.0022 U	0.00207 U	0.00205 U			
GAMMA-BHC (LINDANE)	0.00108 U	0.0011 U	0.00103 U	0.00103 U			
GAMMA-CHLORDANE	0.00215 U	0.0022 U	0.00207 U	0.00205 U			
HEPTACHLOR	0.00431 U	0.0044 U	0.00413 U	0.00411 U			
HEPTACHLOR EPOXIDE	0.00431 U	0.0044 U	0.00413 U	0.00411 U			
METHOXYCHLOR	0.00323 U	0.0033 U	0.0031 U	0.00308 U			
PENTACHLORONITROBENZENE	0.00323 U	0.0033 U	0.0031 U	0.00308 U			
TOXAPHENE	0.0108 U	0.011 U	0.0103 U	0.0103 U			
Radiological Parameters (PCI/L)							
GROSS ALPHA	2.7	1.6	1.4 U	2.4	2.18 U	1.8 U	3.9
GROSS BETA	5.4 U	12.4	5.4 U	12.2	8.37	2.42 U	6.56
RADIUM-228							
STRONTIUM-90							
Inorganics (UG/L)							
ALUMINUM	2.2 U	3.62	2.23	9.43	2.2 U	7.51	7.28
ANTIMONY	0.14 U	0.14 U	0.14 U	0.14 U	0.182	0.14 U	0.14 U
ARSENIC	3.47	2.1	4.32	4.16	4.58	6.26	5.25
BARIUM	17	13.7	14.8	14.2	14.7	15.7	13.2
BERYLLIUM	0.03 U	0.03 U	0.03 U	0.0413	0.035	0.03 U	0.0392
CADMIUM	0.04 U	0.0599	0.04 U	0.043	0.04 U	0.04 U	0.04 U
CALCIUM		96.9		101	95.1	119	93.1
CHROMIUM	1	0.15 U	0.15 U	0.307	0.15 U	0.781	0.663
COBALT	0.0348	0.0538	0.03 U	0.351	0.0918	0.0443	0.116 U
COPPER	35.7	104	57.6	176	29.3	51.5	146
IRON	4.7 U	21.9	4.7 U	101	4.7 U	18.2	249
LEAD	0.918	2.96	0.994	3.1	0.662	1.64	12.8
MAGNESIUM		21.3		22.8	20.4	28.6	19.8
MANGANESE	0.2	18	1.2	10.8	11	2.11	49
MERCURY	0.015 U	0.015 U	0.015 U	0.049	0.039	0.022	0.079
NICKEL	1.85	4.4	1.31	3.59	0.938	8.69	4.82
POTASSIUM		8.94		10.8	10.7	2.13	11
SELENIUM	0.284	0.462 U	0.2 U	0.81	0.32	0.2 U	0.337
SILVER	0.12 U	0.178	0.12 U	0.169	0.12 U	0.12 U	0.12 U
SODIUM		18.4		23.7	17.1	7.22	17.2
THALLIUM	0.301 U	0.367 U	0.144 U	0.417 U	0.793	0.125 U	0.64
TIN	0.156	0.151	0.1 U	0.412	0.1 U	0.648	0.359
URANIUM	1.32	2.74	1.49	3.15	3.26	1.03	3.49

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 01
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1811	1839	1867	1928	2090	2103	2139
Sample ID	1811TW001	1839TW001	1867TW001	1928TW001	2090TW001	2103TW001	2139TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081006	20081015	20081025	20081209	20090402	20090220	20090404
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316730009426	6317702007260	6316730011490	6315900303134	6316002717262	6316605966092	6315803003260
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
VANADIUM	1.89	3.98	1 U	2.62	2.05	1.09	2.4
ZINC	27.7	110	45.9	605	16.5	99.1	801
Microbiological Parameters							
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)							
CHLORIDE	12.9	25.7	12.5	39.3	22.7	11.4	23.7
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.2 U	0.293	0.2 U	0.317	0.318	0.2 U	0.291
NITRATE	4.24	12.8	3.85 J	19.3	17.1	3.35 J	17.8 J
NITRITE	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 UJ
PHOSPHATE	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
SULFATE	9.59	21.4	10.1	37.4	27.6	8.86	28.5
Field Parameters							
CHLORINE (MG/L)	0.06	0.1	0.1	0.03	0.1	0.16	0.08
DISSOLVED OXYGEN (MG/L)	9.15	10.52	9.18	8.01	6.41	9.99	10.09
OXIDATION REDUCTION POTENTIAL (MV)	570	491	509	369	405	562	424
PH (S.U.)	7.18	7.47	6.98	7.65	7.34	7.21	7.39
SALINITY (%)	0	0	0	0	0.02	0	0
SPECIFIC CONDUCTANCE (MS/CM)	0.89	0.71	0.89	0.79	0.714	0.791	0.723
TEMPERATURE (C)	18.12	19.3	18.44	11.91	17.35	13.08	16.4
TOTAL DISSOLVED SOLIDS				0.5			
TURBIDITY (NTU)		52.9	0	15	0	0	0

NA-Not Available
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U-Not detected at that value
R-Rejected value

STUDY AREA 01
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0082	0085	0588	0589	1312	1443	1459	1811	1812	1867	2103
Sample ID	0082SS0010006	0085SS0010006	0588SS0010006	0589SS0010006	1312SS0010006	1443SS0010006	1459SS0010006	1811SS0010006	1812SS0010006	1867SS0010006	2103SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090225	20090303	20081117	20090226	20090303	20090121	20090204	20081208	20090124	20090227	20090220
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316737007483	6316730035334	6316728509689	6316942621308	6316948803150	6316601835360	6316737001456	6316730009426	6316602405460	6316730011490	6316605966092
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/KG)											
1,2,3,4,6,7,8,9-OCDD	43 J	140	22 J	68	24	17	7.1 J	22	46	36	7 U
1,2,3,4,6,7,8,9-OCDF	1.7 J	0.91 U	2.1 J	14	0.49 U	1.4 U	0.36 U	0.73 U	2 U	1.8 J	0.82 J
1,2,3,4,6,7,8-HPCDD	7.7	33	3.3 U	13	4 J	2.2 U	1.6 J	3.2 U	5.3 J	7.7	1.1 U
1,2,3,4,6,7,8-HPCDF	1.9 J	3.8 J	1.9 J	9.9	1.5 J	1.4 U	0.79 U	0.89 U	2 U	2.4 J	0.57 U
1,2,3,4,7,8,9-HPCDF	0.3 U	0.32 J	0.13 J	0.64 J	0.27 U	0.17 J	0.14 J	0.133953 U	0.17 J	0.65 J	0.180885 U
1,2,3,4,7,8-HXCDD	0.24 J	0.32 J	0.099 J	0.33 U	0.14 U	0.14 U	0.078 U	0.084 J	0.077 U	0.36 U	0.102664 U
1,2,3,4,7,8-HXCDF	0.5 J	0.6 J	0.51 J	2.5 J	0.38 J	0.6 J	0.2 U	0.23 J	0.97 J	1.9 J	0.086 J
1,2,3,6,7,8-HXCDD	0.5 J	1.5 J	0.29 U	0.99 J	0.16 J	0.23 U	0.2 U	0.26 U	0.34 J	0.51 J	0.09 U
1,2,3,6,7,8-HXCDF	0.59 J	0.59 J	0.34 J	2.3 J	0.47 J	0.34 U	0.16 U	0.11 J	0.48 J	0.58 J	0.071 U
1,2,3,7,8,9-HXCDD	0.21 J	0.73 J	0.23 U	0.82 J	0.123 U	0.33 J	0.2 U	0.18 U	0.43 J	0.32 U	0.1 J
1,2,3,7,8,9-HXCDF	0.29 U	0.29 J	0.103482 UJ	0.41 U	0.24 J	0.11 U	0.048 U	0.082432 U	0.100729 U	0.42 U	0.093 U
1,2,3,7,8-PECDD	0.23 U	0.19 J	0.103482 J	0.32 J	0.21 U	0.23 U	0.083 U	0.06 J	0.14 U	0.71 J	0.076 U
1,2,3,7,8-PECDF	0.45 J	0.42 J	0.33 J	2	0.44 J	0.4 J	0.25 J	0.18 J	1.2	0.73 J	0.076 J
2,3,4,6,7,8-HXCDF	0.74 J	0.85 J	0.37 J	3.1	0.39 J	0.34 J	0.2 J	0.12 U	0.48 J	0.61 J	0.13 J
2,3,4,7,8-PECDF	0.7 J	0.75 J	0.32 U	3	0.3 U	0.42 J	0.23 U	0.23 U	0.41 U	0.76 J	0.18 U
2,3,7,8-TCDD	0.13 U	0.104 U	0.053 UJ	0.16 U	0.098 U	0.14 U	0.065 U	0.033 J	0.15 J	0.25 U	0.098 U
2,3,7,8-TCDF	0.8 U	0.51 U	0.28 U	2.7	0.48 U	0.31 U	0.31 U	0.24 U	0.67 U	0.82 U	0.26 U
TEQ	0.61091	1.3288	0.272812	2.781	0.2394	0.2718	0.04703	0.1474	0.5245	1.43874	0.034126
TOTAL HPCDD	15	59	6.2 J	28	6.7 J	5 J	2.7 J	5.7 J	9.5 J	14	2.3 J
TOTAL HPCDF	4.7 J	7.2 J	3.6 J	18 J	2.8 J	2.7 J	1.6 J	1.9 J	4.9 J	9.4 J	1.3 J
TOTAL HXCDD	4.6 J	18	3.5 J	21	2.7 J	2 J	1.9 J	2 J	3.5 J	3.7 J	0.28 U
TOTAL HXCDF	8 J	12 J	3.8 J	34	5.5 J	5.1 J	1.9 J	2.4 J	7.4 J	10 J	0.35 J
TOTAL PECDD	1.1 J	4.4	1.5 J	15	2.3 J	1.9 J	0.39 J	0.94 J	0.88 J	0.71 J	0.076 U
TOTAL PECDF	8.5	8.7 J	3.3 J	37	4.6 J	2.4 J	2 J	2.2 J	12 J	11	0.26 J
TOTAL TCDD	1.6	2.6	1.9 J	14	1.7	2.9	1.8 J	1.5 J	2.4	3.1	1.1
TOTAL TCDF	14	6.3 J	3.6 J	50	5.3 J	4.7 J	2.7 J	3.1 J	7.2 J	8.1 J	0.43 J

Volatile Organics (MG/KG)

1,1,1,2-TETRACHLOROETHANE	0.000374 U	0.000392 U	0.000415 U	0.000414 U	0.000421 U	0.000418 U	0.000419 U	0.000399 UR	0.000393 U	0.000379 U	0.000373 U
1,1,1-TRICHLOROETHANE	0.000499 U	0.000523 U	0.000553 U	0.000552 U	0.000562 U	0.000557 U	0.000559 U	0.000532 UR	0.000524 U	0.000505 U	0.000497 U
1,1,2,2-TETRACHLOROETHANE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
1,1,2-TRICHLOROETHANE	0.000374 U	0.000392 U	0.000415 U	0.000414 U	0.000421 U	0.000418 U	0.000419 U	0.000399 UR	0.000393 U	0.000379 U	0.000373 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.000872 U	0.000916 U	0.00441 J	0.000966 U	0.000983 U	0.000975 U	0.000978 J	0.000931 UR	0.000917 U	0.000884 U	0.000869 U
1,1-DICHLOROETHANE	0.000872 U	0.000916 U	0.000968 U	0.000966 U	0.000983 U	0.000975 U	0.000978 U	0.000931 UR	0.000917 U	0.000884 U	0.000869 U
1,1-DICHLOROETHENE	0.000623 U	0.000654 U	0.000691 U	0.00069 U	0.000702 U	0.000696 U	0.000699 U	0.000665 UR	0.000655 U	0.000632 U	0.000621 U
1,2,3-TRICHLOROBENZENE	0.000623 U	0.000654 U	0.000691 U	0.00069 U	0.000702 U	0.000696 U	0.000699 U	0.000665 UR	0.000655 U	0.000632 U	0.000621 U
1,2,3-TRICHLOROPROPANE	0.000374 U	0.000392 U	0.000415 U	0.000414 U	0.000421 U	0.000418 U	0.000419 U	0.000399 UR	0.000393 U	0.000379 U	0.000373 U
1,2,4-TRICHLOROBENZENE	0.000374 U	0.000392 U	0.000415 U	0.000414 U	0.000421 U	0.000418 U	0.000419 U	0.000399 UR	0.000393 U	0.000379 U	0.000373 U
1,2,4-TRIMETHYLBENZENE	0.000499 U	0.000523 U	0.000553 U	0.000552 U	0.000562 U	0.000557 U	0.000559 U	0.000532 UR	0.000524 U	0.000505 U	0.000497 U
1,2-DIBROMO-3-CHLOROPROPANE	0.000499 U	0.000523 U	0.000553 U	0.000552 U	0.000562 U	0.000557 U	0.000559 U	0.000532 UR	0.000524 U	0.000505 U	0.000497 U
1,2-DIBROMOETHANE	0.000125 U	0.000131 U	0.000138 U	0.000138 U	0.00014 U	0.000139 U	0.00014 U	0.000133 UR	0.000131 U	0.000126 U	0.000124 U
1,2-DICHLOROBENZENE	0.000125 U	0.000131 U	0.000138 U	0.000138 U	0.00014 U	0.000139 U	0.00014 U	0.000133 UR	0.000131 U	0.000126 U	0.000124 U
1,2-DICHLOROETHANE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
1,2-DICHLOROPROPANE	0.000374 U	0.000392 U	0.000415 U	0.000414 U	0.000421 U	0.000418 U	0.000419 U	0.000399 UR	0.000393 U	0.000379 U	0.000373 U
1,2-DICHLOROTETRAFLUOROETHANE	0.000748 U	0.000785 U	0.00083 U	0.000828 U	0.000843 U	0.000836 U	0.000839 U	0.000798 UR	0.000786 U	0.000758 U	0.000745 U
1,3,5-TRIMETHYLBENZENE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
1,3-DICHLOROBENZENE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
1,3-DICHLOROPROPANE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
1,4-DICHLOROBENZENE	0.000125 U	0.000131 U	0.000138 U	0.000138 U	0.00014 U	0.000139 U	0.00014 U	0.000133 UR	0.000131 U	0.000126 U	0.000124 U
2,2-DICHLOROPROPANE	0.000623 U	0.000654 U	0.000691 U	0.00069 U	0.000702 U	0.000696 U	0.000699 U	0.000665 UR	0.000655 U	0.000632 U	0.000621 U
2-BUTANONE	0.00224 UJ	0.00235 U	0.00249 U	0.00248 U	0.00253 J	0.00251 U	0.00252 U	0.00239 UR	0.00236 U	0.00227 U	0.00224 U
2-CHLOROTOLUENE	0.000374 U	0.000392 U	0.000415 U	0.000414 U	0.000421 U	0.000418 U	0.000419 U	0.000399 UR	0.000393 U	0.000379 U	0.000373 U
2-HEXANONE	0.00125 U	0.00131 U	0.00138 U	0.00138 U	0.0014 U	0.00139 U	0.0014 U	0.00133 UR	0.00131 U	0.00126 U	0.00124 U
4-CHLOROTOLUENE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
4-ISOPROPYLTOLUENE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.00164 J	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
4-METHYL-2-PENTANONE	0.000374 U	0.000392 U	0.000415 U	0.000414 U	0.000421 U	0.000418 U	0.000419 U	0.000399 UR	0.000393 U	0.000379 U	0.000373 U
ACETONE	0.00723 J	0.00759 U	0.00802 U	0.0343	0.0185 J	0.0145 J	0.0171 J	0.00771 UR	0.0076 U	0.0891	0.0072 U
ACROLEIN	0.00636 U	0.00667 U	0.00705 U	0.00704 U	0.00716 U	0.0071 U	0.00713 U	0.00678 UR	0.00668 U	0.00644 U	0.00633 U
BENZENE	0.000374 U	0.000392 U	0.000415 U	0.00493 J	0.000421 U	0.000418 U	0.000419 U	0.000399 UR	0.000393 U	0.00845 J	0.000373 U
BROMOCHLOROMETHANE	0.000499 U	0.000523 U	0.000553 U	0.000552 U	0.000562 U	0.000557 U	0.000559 U	0.000532 UR	0.000524 U	0.000505 U	0.000497 U
BROMODICHLOROMETHANE	0.000499 U	0.000523 U	0.000553 U	0.000552 U	0.000562 U	0.000557 U	0.000559 U	0.000532 UR	0.000524 U	0.000505 U	0.000497 U
BROMOFORM	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
BROMOMETHANE	0.00374 UJ	0.00392 U	0.00415 U	0.00414 U	0.00421 U	0.00418 U	0.00419 U	0.00399 UR	0.00393 U	0.00379 U	0.00373 U
CARBON TETRACHLORIDE	0.000499 U	0.000523 U	0.000553 U	0.000552 U	0.000562 U	0.000557 U	0.000559 U	0.000532 UR	0.000524 U	0.000505 U	0.000497 U
CHLOROBENZENE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
CHLORODIBROMOMETHANE	0.000125 U	0.000131 U	0.000138 U	0.000138 U	0.00014 U	0.000139 U	0.00014 U	0.000133 UR	0.000131 U	0.000126 U	0.000124 U
CHLOROETHANE	0.000499 U	0.000523 U	0.000553 U	0.000552 U	0.000562 U	0.000557 U	0.000559 U	0.000532 UR	0.000524 U	0.000505 U	0.000497 U
CHLOROFORM	0.000872 U	0.000916 U	0.000968 U	0.000966 U	0.000983 U	0.000975 U	0.000978 U	0.000931 UR	0.000917 U	0.000884 U	0.000869 U
CHLOROMETHANE	0.00112 U	0.00118 U	0.00124 U	0.00124 U	0.00126 U	0.00125 U	0.00126 U	0.0012 UR	0.00118 U	0.00114 U	0.00112 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 01
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0082	0085	0588	0589	1312	1443	1459	1811	1812	1867	2103
Sample ID	0082SS0010006	0085SS0010006	0588SS0010006	0589SS0010006	1312SS0010006	1443SS0010006	1459SS0010006	1811SS0010006	1812SS0010006	1867SS0010006	2103SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090225	20090303	20081117	20090226	20090303	20090121	20090204	20081208	20090124	20090227	20090220
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316737007483	6316730035334	6316728509689	6316942621308	6316948803150	6316601835360	6316737001456	6316730009426	6316602405460	6316730011490	6316605966092
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CIS-1,2-DICHLOROETHENE	0.000872 U	0.000916 U	0.000968 U	0.000966 U	0.000983 U	0.000975 U	0.000978 U	0.000931 UR	0.000917 U	0.000884 U	0.000869 U
CIS-1,3-DICHLOROPROPENE	0.000125 U	0.000131 U	0.000138 U	0.000138 U	0.00014 U	0.000139 U	0.00014 U	0.000133 UR	0.000131 U	0.000126 U	0.000124 U
DICHLORODIFLUOROMETHANE	0.000374 U	0.000392 U	0.000415 U	0.000414 U	0.000421 U	0.000418 U	0.000419 U	0.000399 UR	0.000393 U	0.000379 U	0.000373 U
ETHYLBENZENE	0.000374 U	0.000392 U	0.000415 U	0.000414 U	0.000421 U	0.000418 U	0.000419 U	0.000399 UR	0.000393 U	0.000379 U	0.000373 U
ISOPROPYLBENZENE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
M+P-XYLENES	0.000748 U	0.000785 U	0.00083 U	0.000828 U	0.000843 U	0.000836 U	0.000839 U	0.000798 UR	0.000786 U	0.000758 U	0.000745 U
METHYL TERT-BUTYL ETHER	0.000623 U	0.000654 U	0.000691 U	0.00069 U	0.000702 U	0.000696 U	0.000699 U	0.000665 UR	0.000655 U	0.000632 U	0.000621 U
METHYLENE CHLORIDE	0.00125 U	0.00131 U	0.00138 U	0.00138 U	0.0014 U	0.00139 U	0.0014 U	0.00133 UR	0.00131 U	0.00126 U	0.00124 U
N-BUTYLBENZENE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
N-PROPYLBENZENE	0.000374 U	0.000392 U	0.000415 U	0.000414 U	0.000421 U	0.000418 U	0.000419 U	0.000399 UR	0.000393 U	0.000379 U	0.000373 U
O-XYLENE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
SEC-BUTYLBENZENE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
STYRENE	0.000249 U	0.000262 U	0.000277 U	0.000276 U	0.000281 U	0.000279 U	0.00028 U	0.000266 UR	0.000262 U	0.000253 U	0.000248 U
TERT-BUTYLBENZENE	0.000499 U	0.000523 U	0.000553 U	0.000552 U	0.000562 U	0.000557 U	0.000559 U	0.000532 UR	0.000524 U	0.000505 U	0.000497 U
TETRACHLOROETHENE	0.000748 U	0.000785 U	0.00083 U	0.000828 U	0.000843 U	0.000836 U	0.000839 U	0.000798 UR	0.000786 U	0.000758 U	0.000745 U
TOLUENE	0.0693	0.000654 U	0.000948 J	0.00126 J	0.000702 U	0.0138	0.0773	0.00139 J	0.00631 J	0.00553 J	0.000621 U
TRANS-1,2-DICHLOROETHENE	0.000748 U	0.000785 U	0.00083 U	0.000828 U	0.000843 U	0.000836 U	0.000839 U	0.000798 UR	0.000786 U	0.000758 U	0.000745 U
TRANS-1,3-DICHLOROPROPENE	0.000374 U	0.000392 U	0.000415 U	0.000414 U	0.000421 U	0.000418 U	0.000419 U	0.000399 UR	0.000393 U	0.000379 U	0.000373 U
TRICHLOROETHENE	0.000623 U	0.000654 U	0.000691 U	0.00069 U	0.000702 U	0.000696 U	0.000699 U	0.000665 UR	0.000655 U	0.000632 U	0.000621 U
TRICHLOROFLUOROMETHANE	0.000997 U	0.00105 U	0.00111 U	0.0011 U	0.00112 U	0.00111 U	0.00112 U	0.00106 UR	0.00105 U	0.00101 U	0.000994 U
VINYL CHLORIDE	0.000499 U	0.000523 U	0.000553 U	0.000552 U	0.000562 U	0.000557 U	0.000559 U	0.000532 UR	0.000524 U	0.000505 U	0.000497 U
Semivolatile Organics (MG/KG)											
1,1-BIPHENYL	0.0187 U	0.0194 U	0.0207 U	0.0205 U	0.021 U	0.0799 J	0.0209 U	0.0303 J	0.0195 U	0.0189 U	0.0184 U
1,2,4,5-TETRACHLOROBENZENE	0.015 U	0.0155 U	0.0166 U	0.0164 U	0.0168 U	0.0166 U	0.0167 U	0.0119 U	0.0156 U	0.0151 U	0.0147 U
2,3,4,6-TETRACHLOROPHENOL	0.0887 U	0.0916 U	0.098 U	0.097 U	0.0995 U	0.186 U	0.099 U	0.0706 U	0.0921 U	0.0893 U	0.0871 U
2,4,5-TRICHLOROPHENOL	0.154 U	0.159 U	0.17 U	0.168 U	0.172 U	0.406 U	0.172 U	0.122 U	0.16 U	0.155 U	0.151 U
2,4,6-TRICHLOROPHENOL	0.0824 U	0.0851 U	0.0911 U	0.0902 U	0.0925 U	0.368 U	0.0921 U	0.0656 U	0.0856 U	0.083 U	0.081 U
2,4-DICHLOROPHENOL	0.0962 U	0.0993 U	0.106 U	0.105 U	0.108 U	0.221 U	0.107 U	0.0765 U	0.0999 U	0.0969 U	0.0945 U
2,4-DIMETHYLPHENOL	0.185 U	0.191 U	0.204 U	0.202 U	0.207 U	0.205 J	0.206 U	0.147 U	0.192 U	0.186 U	0.182 U
2,4-DINITROPHENOL	0.0687 UJ	0.071 U	0.0759 U	0.0751 U	0.0771 U	0.0763 U	0.0767 U	0.0547 U	0.0714 U	0.0692 U	0.0675 U
2,4-DINITROTOLUENE	0.0225 U	0.0232 U	0.0248 U	0.0246 U	0.0252 U	0.025 U	0.0251 U	0.0179 U	0.0234 U	0.0226 U	0.0221 U
2,6-DICHLOROPHENOL	0.0708 J	0.0606 U	0.0649 U	0.0642 U	0.0659 U	0.194 J	0.0656 U	0.0815 J	0.061 U	0.0591 U	0.0577 U
2,6-DINITROTOLUENE	0.0187 U	0.0194 U	0.0207 U	0.0205 U	0.021 U	0.0208 U	0.0209 U	0.0149 U	0.0195 U	0.0189 U	0.0184 U
2-CHLORONAPHTHALENE	0.00999 U	0.0103 U	0.011 U	0.0109 U	0.0112 U	0.0648 J	0.0112 U	0.00795 U	0.0104 U	0.0101 U	0.00982 U
2-CHLOROPHENOL	0.143 J	0.0645 U	0.069 U	0.0683 U	0.0701 U	0.124 J	0.0698 U	0.0497 U	0.0649 U	0.0629 U	0.0614 U
2-METHYLNAPHTHALENE	0.0212 U	0.0219 U	0.0235 U	0.0232 U	0.0238 U	0.0517 J	0.0237 U	0.0169 U	0.0221 U	0.0214 U	0.0209 U
2-METHYLPHENOL	0.125 J	0.129 U	0.138 U	0.137 U	0.14 U	0.139 J	0.14 U	0.0994 U	0.13 U	0.126 U	0.123 U
2-NITROPHENOL	0.0787 J	0.0813 U	0.0869 U	0.0861 U	0.0883 U	0.0874 J	0.0879 U	0.0626 U	0.0817 U	0.0793 U	0.0773 U
3&4-METHYLPHENOL	0.167 J	0.148 U	0.159 U	0.157 U	0.161 U	0.37	0.16 U	0.114 U	0.149 U	0.145 U	0.141 U
3-NITROANILINE	0.0225 U	0.0232 U	0.0248 U	0.0246 U	0.0252 U	0.025 U	0.0251 U	0.0179 U	0.0234 U	0.0226 U	0.0221 U
4,6-DINITRO-2-METHYLPHENOL	0.0837 U	0.0864 U	0.0925 U	0.0915 U	0.0939 U	0.093 U	0.0935 U	0.0666 U	0.0869 U	0.0843 U	0.0822 U
4-BROMOPHENYL PHENYL ETHER	0.015 U	0.0155 U	0.0166 U	0.0164 U	0.0168 U	0.0447 J	0.0167 U	0.0119 U	0.0156 U	0.0151 U	0.0147 U
4-CHLORO-3-METHYLPHENOL	0.11 U	0.114 U	0.121 U	0.12 U	0.123 U	0.369 U	0.123 U	0.0875 U	0.114 U	0.111 U	0.108 U
4-CHLOROANILINE	0.0287 U	0.0297 U	0.0317 U	0.0314 U	0.0322 U	0.0319 U	0.0321 U	0.0229 U	0.0298 U	0.0289 U	0.0282 U
4-NITROANILINE	0.055 U	0.0568 U	0.0607 U	0.0601 U	0.0617 U	0.061 U	0.0614 U	0.0437 U	0.0571 U	0.0554 U	0.054 U
4-NITROPHENOL	0.147 U	0.152 U	0.163 U	0.161 U	0.165 U	0.164 U	0.165 U	0.117 U	0.153 U	0.148 U	0.145 U
ACENAPHTHENE	0.0125 U	0.0129 U	0.0138 U	0.0137 U	0.014 U	0.0874 U	0.014 U	0.00994 U	0.013 U	0.0126 U	0.0123 U
ACENAPHTHYLENE	0.0112 U	0.0116 U	0.0124 U	0.0123 U	0.0126 U	0.0631 U	0.0126 U	0.00895 U	0.0117 U	0.0113 U	0.011 U
ANILINE	0.025 U	0.0258 U	0.0276 U	0.0273 U	0.028 U	0.0278 U	0.0279 U	0.0199 U	0.026 U	0.0252 U	0.0245 U
ANTHRACENE	0.015 U	0.0155 U	0.0166 U	0.0164 U	0.0168 U	0.0183 U	0.0167 U	0.0119 U	0.0156 U	0.0151 U	0.0147 U
ATRAZINE	0.0325 U	0.0335 U	0.0359 U	0.0355 U	0.0365 U	0.0361 U	0.0363 U	0.0258 U	0.0337 U	0.0327 U	0.0319 U
BAP EQUIVALENT	0.0212 U	0.0219 U	0.000026	0.0232 U	0.0238 U	0.0236 U	0.0237 U	0.0169 U	0.0221 U	0.0214 U	0.009505
BENZO(A)ANTHRACENE	0.02 U	0.0206 U	0.0221 U	0.0219 U	0.0224 U	0.0222 U	0.0223 U	0.0159 U	0.0208 U	0.0201 U	0.041 J
BENZO(A)PYRENE	0.0212 U	0.0219 U	0.0235 U	0.0232 U	0.0238 U	0.0236 U	0.0237 U	0.0169 U	0.0221 U	0.0214 U	0.0209 U
BENZO(B)FLUORANTHENE	0.025 U	0.0258 U	0.0276 U	0.0273 U	0.028 U	0.0278 U	0.0279 U	0.0199 U	0.026 U	0.0252 U	0.0491 J
BENZO(G,H,I)PERYLENE	0.035 U	0.0361 U	0.0386 U	0.0382 U	0.0393 U	0.0388 U	0.0391 U	0.0278 U	0.0363 U	0.0352 U	0.0344 U
BENZO(K)FLUORANTHENE	0.0225 U	0.0232 U	0.0248 U	0.0246 U	0.0252 U	0.025 U	0.0251 U	0.0179 U	0.0234 U	0.0226 U	0.0443 J
BIS(2-ETHYLHEXYL)PHTHALATE	0.131 U	0.135 U	0.394 J	0.143 U	2.03	0.239 J	0.146 U	0.104 U	0.136 U	0.132 U	0.129 U
BUTYL BENZYL PHTHALATE	0.0375 U	0.0387 U	0.0414 U	0.041 U	0.0421 U	0.0416 U	0.0418 U	0.0298 U	0.0389 U	0.0377 U	0.0368 U
CARBAZOLE	0.0225 U	0.0232 U	0.0248 U	0.0246 U	0.0252 U	0.025 U	0.0251 U	0.0179 U	0.0234 U	0.0226 U	0.0221 U
CHRYSENE	0.0162 U	0.0168 U	0.0268 J	0.0178 U	0.0182 U	0.018 U	0.0181 U	0.0129 U	0.0169 U	0.0164 U	0.0522 J
DI-N-BUTYL PHTHALATE	0.0537 J	0.0555 J	0.0791 J	0.0611 J	0.0603 U	0.0597 U	0.06 J	0.0427 U	0.0589 J	0.0541 U	0.0528 U
DI-N-OCTYL PHTHALATE	0.025 U	0.0258 U	0.0276 U	0.0273 U	0.028 U	0.0278 U	0.0279 U	0.0199 U	0.026 U	0.0252 U	0.0245 U
DIBENZO(A,H)ANTHRACENE	0.0225 U	0.0232 U	0.0248 U	0.0246 U	0.0252 U	0.025 U	0.0251 U	0.0179 U	0.0234 U	0.0226 U	0.0221 U
DIBENZOFURAN	0.0125 U	0.0129 U	0.0138 U	0.0137 U	0.014 U	0.0937 U	0.014 U	0.00994 U	0.013 U	0.0126 U	0.0123 U
DIETHYL PHTHALATE	0.0212 U	0.0219 U	0.0235 U	0.0232 U	0.0238 U	0.0236 J	0.0237 U	0.0169 U	0.0221 U	0.0214 U	0.0209 U
DIMETHYL PHTHALATE	0.0162 U	0.0168 U	0.0179 U	0.0178 U	0.0182 U	0.0324 J	0.0181 U	0.0355 J	0.0169 U	0.0164 U	0.016 U
DIPHENYLAMINE	0.0649 U	0.0671 U	0.0718 U	0.071 U	0.0729 U	0.0721 U	0.0725 U	0.0517 U	0.0675 U	0.0654 U	0.0638 U
FLUORANTHENE	0.0237 U	0.0245 U	0.0526 J	0.026 U	0.0266 U	0.0264 U	0.0265 U	0.0189 U	0.0247 U	0.0239 U	0.048 J

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 01
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0082	0085	0588	0589	1312	1443	1459	1811	1812	1867	2103
Sample ID	0082SS0010006	0085SS0010006	0588SS0010006	0589SS0010006	1312SS0010006	1443SS0010006	1459SS0010006	1811SS0010006	1812SS0010006	1867SS0010006	2103SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090225	20090303	20081117	20090226	20090303	20090121	20090204	20081208	20090124	20090227	20090220
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01	STUDY AREA 01
Premise ID	6316737007483	6316730035334	6316728509689	6316942621308	6316948803150	6316601835360	6316737001456	6316730009426	6316602405460	6316730011490	6316605966092
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
FLUORENE	0.015 U	0.0155 U	0.0166 U	0.0164 U	0.0168 U	0.072 U	0.0167 U	0.0119 U	0.0156 U	0.0151 U	0.0147 U
HEXACHLOROBENZENE	0.0137 U	0.0142 U	0.0152 U	0.015 U	0.0154 U	0.0153 U	0.0153 U	0.0109 U	0.0143 U	0.0138 U	0.0135 U
HEXACHLOROBUTADIENE	0.0125 U	0.0129 U	0.0138 U	0.0137 U	0.014 U	0.0139 U	0.014 U	0.00994 U	0.013 U	0.0126 U	0.0123 U
HEXACHLOROCYCLOPENTADIENE	0.0175 UJ	0.0181 U	0.0193 U	0.0191 U	0.0196 U	0.0194 U	0.0195 U	0.0139 U	0.0182 U	0.0176 U	0.0172 U
HEXACHLOROETHANE	0.0137 U	0.0142 U	0.0152 U	0.015 U	0.0154 U	0.0153 U	0.0153 U	0.0109 U	0.0143 U	0.0138 U	0.0135 U
INDENO(1,2,3-CD)PYRENE	0.055 UJ	0.0568 U	0.0607 U	0.0601 U	0.0617 U	0.061 U	0.0614 U	0.0437 U	0.0571 U	0.0554 U	0.054 U
NAPHTHALENE	0.0288 J	0.00774 U	0.00828 U	0.0082 U	0.00841 U	0.0296 U	0.00837 U	0.027 J	0.00779 U	0.00755 U	0.00736 U
NITROBENZENE	0.0187 U	0.0194 U	0.0207 U	0.0205 U	0.021 U	0.0208 U	0.0209 U	0.0149 U	0.0195 U	0.0189 U	0.0184 U
O-TOLUIDINE	0.0225 U	0.0232 U	0.0248 U	0.0246 U	0.0252 U	0.025 U	0.0251 U	0.0179 U	0.0234 U	0.0226 U	0.0221 U
PENTACHLOROBENZENE	0.035 U	0.0361 U	0.0386 U	0.0382 U	0.0393 U	0.117 J	0.0391 U	0.0278 U	0.0363 U	0.0352 U	0.0344 U
PENTACHLOROPHENOL	0.192 U	0.199 U	0.213 U	0.21 U	0.216 U	0.214 U	0.215 U	0.153 U	0.2 U	0.194 U	0.189 U
PHENANTHRENE	0.0375 U	0.0387 U	0.0414 J	0.041 U	0.0421 U	0.0416 U	0.0418 U	0.0298 U	0.0389 U	0.0377 U	0.0368 U
PHENOL	0.0425 U	0.0439 U	0.0469 U	0.0464 U	0.0477 U	0.0472 U	0.0474 U	0.0338 U	0.0441 U	0.0428 U	0.0417 U
PYRENE	0.0225 U	0.0232 U	0.0472 J	0.0246 U	0.0252 U	0.025 U	0.0251 U	0.0179 U	0.0234 U	0.0226 U	0.0402 J
Pesticides/PCBs (MG/KG)											
4,4'-DDD	0.000569 U	0.000622 U	0.00064 U	0.000723 U	0.000699 U	0.000648 U	0.000719 U	0.000639 U	0.000666 U	0.000631 U	0.000543 U
4,4'-DDE	0.000559 U	0.00061 U	0.000629 U	0.00071 U	0.000686 U	0.000636 U	0.000705 U	0.000627 U	0.000654 U	0.00062 U	0.000758 J
4,4'-DDT	0.000749 UJ	0.000817 U	0.000842 U	0.000951 U	0.000918 U	0.000853 U	0.000945 U	0.00084 U	0.000876 U	0.00083 U	0.000715 U
ALDRIN	0.000453 U	0.000495 U	0.00051 U	0.000576 U	0.000556 U	0.000516 U	0.000572 U	0.000509 U	0.000531 U	0.000503 U	0.000433 U
ALPHA-BHC	0.000559 U	0.00061 U	0.000629 U	0.00071 U	0.000686 U	0.000636 U	0.000705 U	0.000627 U	0.000654 U	0.00062 U	0.000533 U
ALPHA-CHLORDANE	0.000453 U	0.000495 U	0.00051 U	0.000576 U	0.000556 U	0.000516 U	0.000572 U	0.000509 U	0.000531 U	0.000503 U	0.000433 U
AROCLOR-1016	0.00738 U	0.00806 U	0.0083 U	0.00938 U	0.00906 U	0.00841 U	0.00932 U	0.00828 U	0.00864 U	0.00818 U	0.00704 U
AROCLOR-1221	0.00738 U	0.00806 U	0.0083 U	0.00938 U	0.00906 U	0.00841 U	0.00932 U	0.00828 U	0.00864 U	0.00818 U	0.00704 U
AROCLOR-1232	0.00738 U	0.00806 U	0.0083 U	0.00938 U	0.00906 U	0.00841 U	0.00932 U	0.00828 U	0.00864 U	0.00818 U	0.00704 U
AROCLOR-1242	0.00738 U	0.00806 U	0.0083 U	0.00938 U	0.00906 U	0.00841 U	0.00932 U	0.00828 U	0.00864 U	0.00818 U	0.00704 U
AROCLOR-1248	0.00738 U	0.00806 U	0.0083 U	0.00938 U	0.00906 U	0.00841 U	0.00932 U	0.00828 U	0.00864 U	0.00818 U	0.00704 U
AROCLOR-1254	0.00738 U	0.00806 U	0.0083 U	0.00938 U	0.00906 U	0.00841 U	0.00932 U	0.00828 U	0.00864 U	0.00818 U	0.00704 U
AROCLOR-1260	0.00738 U	0.00806 U	0.0083 U	0.00938 U	0.00906 U	0.00841 U	0.00932 U	0.00828 U	0.00864 U	0.00818 U	0.00704 U
BETA-BHC	0.000685 U	0.000748 U	0.000771 U	0.000871 U	0.000841 U	0.000781 U	0.000865 U	0.000769 U	0.000802 U	0.00076 U	0.000654 U
DELTA-BHC	0.000622 U	0.000679 U	0.0007 U	0.00079 U	0.000763 U	0.000708 U	0.000785 U	0.000698 U	0.000728 U	0.00069 U	0.000594 U
DIELDRIN	0.000633 U	0.000691 U	0.000712 U	0.000804 U	0.000776 U	0.00072 U	0.000799 U	0.00071 U	0.00074 U	0.000702 U	0.000604 U
ENDOSULFAN I	0.000569 U	0.000622 U	0.00064 U	0.000723 U	0.000699 U	0.000648 U	0.000719 U	0.000639 U	0.000666 U	0.000631 U	0.000543 U
ENDOSULFAN II	0.000453 U	0.000495 U	0.00051 U	0.000576 U	0.000556 U	0.000516 U	0.000572 U	0.000509 U	0.000531 U	0.000503 U	0.000433 U
ENDOSULFAN SULFATE	0.000643 U	0.000702 U	0.000723 U	0.000817 U	0.000789 U	0.000733 U	0.000812 U	0.000722 U	0.000753 U	0.000713 U	0.000614 U
ENDRIN	0.000728 U	0.000794 U	0.000818 U	0.000924 U	0.000893 U	0.000829 U	0.000918 U	0.000817 U	0.000852 U	0.000807 U	0.000694 U
ENDRIN ALDEHYDE	0.000654 U	0.000714 U	0.000735 U	0.000831 U	0.000802 U	0.000745 U	0.000825 U	0.000734 U	0.000765 U	0.000725 U	0.000624 U
GAMMA-BHC (LINDANE)	0.000538 U	0.000587 U	0.000605 U	0.000683 U	0.00066 U	0.000612 U	0.000679 U	0.000604 U	0.000629 U	0.000596 U	0.000513 U
GAMMA-CHLORDANE	0.000496 U	0.000541 U	0.000557 U	0.00063 U	0.000608 U	0.000564 U	0.000626 U	0.000556 U	0.00058 U	0.00055 U	0.000473 U
HEPTACHLOR	0.000643 U	0.000702 U	0.000723 U	0.000817 U	0.000789 U	0.000733 U	0.000812 U	0.000722 U	0.000753 U	0.000713 U	0.000614 U
HEPTACHLOR EPOXIDE	0.000496 U	0.000541 U	0.000557 U	0.00063 U	0.000608 U	0.000564 U	0.000626 U	0.000556 U	0.00058 U	0.00055 U	0.000473 U
METHOXYCHLOR	0.000801 U	0.000875 U	0.000901 U	0.00102 U	0.000983 U	0.000913 U	0.00101 U	0.000899 U	0.000938 U	0.000889 U	0.000765 U
PENTACHLORONITROBENZENE	0.000527 U	0.000576 U	0.000593 U	0.00067 U	0.000647 U	0.0006 U	0.000666 U	0.000592 U	0.000617 U	0.000585 U	0.000503 U
TOXAPHENE	0.00633 U	0.00691 U	0.00712 U	0.00804 U	0.00776 U	0.0072 U	0.00799 U	0.0071 U	0.0074 U	0.00702 U	0.00604 U
Inorganics (MG/KG)											
ALUMINUM	19400	34300	46600	37800	31900	34400	38500	37300	16300	25500	18500
ANTIMONY	0.27	0.533	0.67	1.02	0.512	0.706	0.399	0.544	0.698	0.453	0.443
ARSENIC	4.15	9.36	15.6	12.9	10.1	12.6	11.8	8.43	12	10.6	11.2
BARIUM	283	321	353	281	241	244	245	419	661	223	111
BERYLLIUM	1.89 J	3.79	6.11	5.13	4.2	3.55	4.97	4.39	3.04	2.99	4.61
CADMIUM	0.156	0.498	0.292	0.896	0.564	0.507	0.097	0.25	0.132	0.355	0.217
CHROMIUM	4.04 J	4.53	3.88	6.89	37.6	6.44	4.4	4.13	18.2	6.79	23.8
COBALT	2.94 J	4.52	4.53	5.66	3.53	5.24	3.89	5.61	3.01	2.62	2.06
COPPER	37.6 J	37.8	39	55.2	27.5	114	26.6	13.8	79.9	176	64.7
IRON	10300	18200	21400	17900	16800	19700	17400	18600	9600	13100	10000
LEAD	15.6	32.3	39.9	47.2	34.6	51.2	32.4	36.6	81.8	30.8	30.1
MANGANESE	299	661	667	955	784	635	713	691	401	424	463
MERCURY	0.0901 U	0.105 U	0.102 U	0.0997 U	0.101 U	0.104 U	0.102 U	0.0974 UJ	0.103 U	0.0912 U	0.106 U
NICKEL	3.74 J	3.45	4.76	6.21	3.35	5.24	3.52	4.93	2.46	2.34	1.99 U
SELENIUM	0.113	0.124	0.242	0.221	0.158	0.213	0.0827 U	0.772 U	0.0825	0.159	0.0726
SILVER	0.0907 U	2.44	0.129	3.97	3.31	0.102 U	0.103 U	0.0991 U	0.103 U	2.23	0.159
THALLIUM	1.05 U	1.47 U	0.601	1.53 U	1 U	1.42	1.11	3.68	1.31 U	1.54 U	1.27 U
TIN	1.6	2.6	3.53	3.42	3.28	5.02	2.63	2.33	2.42	2.4	2.43
VANADIUM	19.9 J	38.8	38.1	34.4	37.7	41.8	27.8	31.9	15.8	27.8	18
ZINC	44.3 J	67	81.3	105	76.9	116	54.7	40.7	115	86.2	53.8
Miscellaneous Parameters (MG/KG)											
CYANIDE	0.146 U	0.152 U	0.166	0.16 U	0.318	0.163	0.167 U	0.16 UJ	0.157 U	0.236	0.146 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 2

SOIL GAS DATA

WATER DATA

SOIL DATA

STUDY AREA 02
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1334	1384	1389	1785	1785	1785	1788	1794	1817	2110
Sample ID	1334SG001	1384SG001	1389SG001	1785SG001	1785SG001-AVG	1785SG001-D	1788SG001	1794SG001	1817SG001	2110SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090131	20090321	20090415	20090417	20090417	20090417	20090303	20090212	20090115	20090226
Study Area	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID	6301609042204	6300655039222	6300550010355	6303067306109	6303067306109	6303067306109	6301609054244	6301647002238	6302044108162	6300553004232
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)										
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	22.5 J	11.295 J	0.18 UJ	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.284 J	0.15 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.718	0.701	0.618	0.758	0.399	0.08 U	0.834	0.773	0.727	0.488
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 UR	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1.68
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 UR	0.319 J	0.19 U	0.19 U	0.19 U	0.19 U	0.646 U	0.19 U	0.19 U	1.18
1,2,4-TRIMETHYLBENZENE	1.95	0.05 U	0.824	0.203	0.114	0.05 U	0.22 U	2.53	0.553	0.4
1,2-DIBROMO-3-CHLOROPROPANE	0.1 UR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.713	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.151 J
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	4.29	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	2.87	1.04	0.615
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.685	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.742	0.164 J	0.186 J
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.476	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.136 J
1,4-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.518
2-BUTANONE	1.74	0.33 U	1.95	0.33 U	0.33 U	0.33 U	1.28	2.11	1.51	2.11
ACETONE	70.6	2.34	25.5	3.41	3.36	3.31	14.1	23	11	67.5
ACETONITRILE	17.4	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.714 J	0.434 J	0.592 J
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 UJ	1.02 UJ	1.02 UJ	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.974	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	2.14	1.08	0.41 U
ACRYLONITRILE	0.246 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	5.56	0.03 U	0.333	0.03 U	0.03 U	0.03 U	0.308	2.87	2.09	0.658
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.758	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	1.97	0.1 U	2.2	1.34	1.06	0.78	0.136 J	2.04	3.02	0.294
CARBON TETRACHLORIDE	0.385	0.848	0.13 U	0.634	0.5655	0.497	0.13 U	1	0.13 U	0.444
CHLOROBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 UJ	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.11 U	0.11 U	1.23	0.11 U	0.11 U	0.11 U	0.857	25.4	1.39	0.11 U
CHLOROMETHANE	0.266	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.119 J	0.228	0.234	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	5.78	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.328	0.476	0.434	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	3.19	2.29	2.54	3.53	2.99	2.45	3.39	3.02	1.91	0.18 U
ETHYLBENZENE	2.62	0.0604 J	4.84	0.03 U	0.03 U	0.03 U	0.753	3.72	1.89	0.259
HEXACHLOROBUTADIENE	0.371 J	0.354 J	0.24 U	0.24 U	0.24 U	0.24 U	0.404 U	0.24 U	0.24 U	1.31
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U
HEXANE	75.2	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.262 J	8.18	1.03	0.17 U
ISOBUTANOL	2.81	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 UR	2.17	0.46 U	0.46 U
ISOPROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.306	0.186 J	0.07 U
M+P-XYLENES	8.51	0.09 U	3.31	0.269	0.157	0.09 U	0.751	5.5	2.03	0.507
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	8.14	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.415	0.78	0.08 U
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	7.07	0.08 U	0.08 U	0.08 U	0.71	1.38	0.111 J	0.826	1.39	0.271
O-XYLENE	3.87	0.06 U	1.87	0.06 UJ	0.06 UJ	0.06 UJ	0.332	2.79	1.03	0.237
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	2.4	0.07 U	19.3	0.07 U	0.07 U	0.07 U	4.34	57.3	8.58	0.389
TETRACHLOROETHENE	15.1	6.22	8.62	1.56 J	1.555 J	1.55 J	7.12	10	15.3	1.45 U
TOLUENE	23.6	0.337	1.18	0.221	0.32	0.419	1.12	7.63	6.38	2.74
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	1.72	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	1.75	1.77	1.81	1.96	1.84	1.72	2.09	1.94	3.52	1.3
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Esitmated value
U-Not detected at that value
R-Rejected value

STUDY AREA 02
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1332	1332	1334	1344	1345	1346	1351	1351	1351	1355	1356	1384	1385
Sample ID	1332TW001	1332TW002	1334TW001	1344TW001	1345TW001	1346TW001	1351TW001	1351TW001-AVG	1351TW001-D	1355TW001	1356TW001	1384TW001	1385TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090106	20090516	20081209	20081218	20081210	20081121	20090604	20090604	20090604	20081124	20090521	20090314	20081212
Study Area	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID	6300250004244	6300250004244	6301609042204	6300438004254	6303042008140	6303340603182	6300553104112	6300553104112	6300553104112	6303024026134	6300265034116	6300655039222	6300553204264
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)													
1,2,3,4,6,7,8,9-OCDD	0.0053 U		0.0048 J	0.0048 U	0.004 U	0.0025 U	0.0052 U	0.0044 U	0.0036 U	0.0046 U	0.000851 U	0.0041 U	0.011 U
1,2,3,4,6,7,8,9-OCDF	0.0008 J		0.0008 U	0.0018 J	0.0014 U	0.000644 U	0.0017 U	0.00185 U	0.002 U	0.00079 U	0.001 U	0.0011 U	0.0017 J
1,2,3,4,6,7,8-HPCDD	0.0019 U		0.0012 U	0.0023 U	0.0018 U	0.00076 U	0.0019 U	0.0017 U	0.0015 U	0.0017 U	0.000331 U	0.0016 U	0.0025 U
1,2,3,4,6,7,8-HPCDF	0.0003 U		0.00075 U	0.00077 U	0.0011 U	0.00038 U	0.0013 U	0.00135 U	0.0014 U	0.00048 U	0.0009 U	0.00058 U	0.00097 U
1,2,3,4,7,8,9-HPCDF	0.000372 U		0.00051 U	0.000672 U	0.00079 U	0.00017 U	0.00041 J	0.00037 J	0.00033 J	0.000264 U	0.00035 U	0.00018 J	0.00045 J
1,2,3,4,7,8-HXCDD	0.00035 U		0.00034 U	0.000624 U	0.000532 U	0.000214 J	0.00062 U	0.00043 U	0.00024 U	0.000312 U	0.000284 U	0.000531 U	0.00058 U
1,2,3,4,7,8-HXCDF	0.00045 U		0.00034 U	0.000552 U	0.00041 U	0.000191 U	0.00046 U	0.00043 J	0.00043 J	0.00024 U	0.00054 U	0.000252 U	0.00045 U
1,2,3,6,7,8-HXCDD	0.0003 U		0.00027 U	0.00053 U	0.00046 U	0.000191 U	0.00026 U	0.00025 U	0.00024 U	0.000264 U	0.00024 U	0.00046 U	0.0005 U
1,2,3,6,7,8-HXCDF	0.0003 U		0.00032 U	0.00046 U	0.00028 U	0.00017 U	0.00036 U	0.00033 J	0.00033 J	0.00026 U	0.00026 U	0.00046 U	0.00031 U
1,2,3,7,8,9-HXCDD	0.0003 U		0.00044 U	0.00058 U	0.00046 U	0.000191 U	0.00048 J	0.00043 J	0.00038 J	0.00034 J	0.00026 U	0.00046 U	0.0005 U
1,2,3,7,8,9-HXCDF	0.00035 U		0.00039 U	0.000624 U	0.00038 U	0.00024 U	0.00048 U	0.00037 U	0.00026 U	0.000264 U	0.000284 U	0.00028 U	0.00031 J
1,2,3,7,8-PECDD	0.00035 J		0.00088 U	0.00084 U	0.000532 U	0.000644 U	0.00067 J	0.000413 J	0.00031 U	0.000601 U	0.00038 U	0.000682 U	0.00066 U
1,2,3,7,8-PECDF	0.0007 U		0.000753 U	0.0014 U	0.00041 U	0.000573 U	0.00031 J	0.00056 J	0.00081 J	0.00046 U	0.00021 U	0.00023 U	0.000524 U
2,3,4,6,7,8-HXCDF	0.0003 U		0.00034 U	0.00055 U	0.00033 J	0.000191 U	0.00043 U	0.000335 U	0.00024 U	0.00024 U	0.00026 U	0.0003 U	0.00058 J
2,3,4,7,8-PECDF	0.0007 U		0.00078 U	0.0014 U	0.00058 U	0.000573 U	0.00038 U	0.000605 U	0.00083 U	0.000481 U	0.00043 U	0.00028 U	0.0011 U
2,3,7,8-TCDD	0.000323 U		0.00034 J	0.000672 U	0.00023 U	0.00029 U	0.00034 U	0.00024 J	0.00024 J	0.000264 U	0.00026 U	0.00046 U	0.00073 J
2,3,7,8-TCDF	0.0004 U		0.00022 U	0.00048 U	0.000202 U	0.00024 U	0.00034 J	0.00063 J	0.00092 J	0.000192 U	0.00033 U	0.00051 U	0.00094 U
TEQ	0.00035		0.000341	0.00000054	0.000033	0.0000214	0.0007654	0.00062	0.000474	0.000034	0.00026 U	1.8E-06	0.000824
TOTAL HPCDD	0.0019		0.0012 J	0.0023 J	0.0018 J	0.00076 J	0.0019 J	0.0017 J	0.0015 J	0.0017 J	0.000331 J	0.0016 J	0.0039 J
TOTAL HPCDF	0.00065 U		0.0009 J	0.0014 J	0.0014 U	0.00086 J	0.0017 J	0.00175 J	0.0018 J	0.00067 J	0.0013 J	0.00076 J	0.0014 J
TOTAL HXCDD	0.000944 U		0.001 J	0.0017 U	0.001444 U	0.0006 U	0.0013 J	0.001065 J	0.00083 J	0.00087 U	0.00078 U	0.001441 U	0.0016 U
TOTAL HXCDF	0.001218 U		0.0014 U	0.0022 U	0.001317 U	0.00079 U	0.00172 U	0.0011 J	0.0011 J	0.00094 U	0.0011 J	0.0012 J	0.0017 J
TOTAL PECDD	0.00035 J		0.00088 U	0.00084 U	0.000532 U	0.000644 U	0.00067 J	0.000413 J	0.00031 U	0.000601 U	0.00038 U	0.000682 U	0.00066 U
TOTAL PECDF	0.0014 U		0.001531 U	0.0028 U	0.000811 U	0.001146 U	0.00069 J	0.001145 J	0.0016 J	0.00094 U	0.00057 J	0.00051 J	0.0014 J
TOTAL TCDD	0.0014 J		0.0011 J	0.002015 U	0.000684 U	0.00086 U	0.00101 U	0.00086 U	0.00071 U	0.000794 U	0.00078 U	0.0014 U	0.0011 J
TOTAL TCDF	0.00052 J		0.00044 U	0.00096 U	0.00041 U	0.00043 U	0.00048 U	0.00097 J	0.0017 J	0.00039 U	0.000473 U	0.00061 J	0.0011 J
Volatile Organics (UG/L)													
1,1,1,2-TETRACHLOROETHANE	0.1 U		0.11 U	0.1 UJ	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.11 U
1,1,1-TRICHLOROETHANE	0.169 J		0.17 U	0.15 J	0.17 U	0.18 J	0.1 U	0.1 U	0.1 U	0.17 U	0.1 U	0.1 U	0.17 U
1,1,2,2-TETRACHLOROETHANE	0.08 U		0.05 U	0.08 UJ	0.05 U	0.05 U	0.08 U	0.08 U	0.08 U	0.05 U	0.08 U	0.08 U	0.05 U
1,1,2-TRICHLOROETHANE	0.1 U		0.11 U	0.1 UJ	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.11 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U		0.2 U	0.1 UJ	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U
1,1-DICHLOROETHANE	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.392 J		0.255 J	0.343 J	0.288	0.256 J	0.14 U	0.142 J	0.214 J	0.172 J	0.251 J	0.14 U	0.244 J
1,2,3-TRICHLOROBENZENE	0.1 U		0.12 U	0.1 UJ	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.12 U	0.1 U	0.1 U	0.12 U
1,2,3-TRICHLOROPROPANE	0.1 U		0.13 U	0.1 UJ	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U	0.1 U	0.13 U
1,2,4-TRICHLOROBENZENE	0.1 U		0.13 U	0.1 UJ	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U	0.1 U	0.13 U
1,2,4-TRIMETHYLBENZENE	0.06 U		0.06 U	0.06 UJ	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U		0.25 U	0.2 UJ	0.25 U	0.25 U	0.2 U	0.2 U	0.2 U	0.25 U	0.2 U	0.2 U	0.25 U
1,2-DIBROMOETHANE	0.1 U		0.09 U	0.1 UJ	0.09 U	0.09 U	0.1 U	0.1 U	0.1 U	0.09 U	0.1 U	0.1 U	0.09 U
1,2-DICHLOROBENZENE	0.08 U		0.07 U	0.08 UJ	0.07 U	0.07 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U	0.08 U	0.07 U
1,2-DICHLOROETHANE	0.1 U		0.08 U	0.1 UJ	0.08 U	0.08 U	0.1 U	0.1 U	0.1 U	0.08 U	0.1 U	0.1 U	0.08 U
1,2-DICHLOROPROPANE	0.1 U		0.15 U	0.1 UJ	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U	0.15 U	0.1 U	0.1 U	0.15 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U		0.4 U	0.2 UJ	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U	0.4 U
1,3,5-TRIMETHYLBENZENE	0.08 U		0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U		0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U		0.11 U	0.1 UJ	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.11 U
1,4-DICHLOROBENZENE	0.1 U		0.0738 U	0.1 UJ	0.0938 U	0.07 U	0.1 U	0.1 U	0.1 U	0.07 U	0.1 U	0.1 U	0.0978 J
2,2-DICHLOROPROPANE	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U		1.6 U	2 UJ	1.6 U	1.6 U	2 U	2 U	2 U	1.6 U	2 U	2 U	1.6 U
2-CHLOROTOLUENE	0.1 U		0.12 U	0.1 UJ	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.12 U	0.1 U	0.1 U	0.12 U
2-HEXANONE	0.2 U		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U		0.13 U	0.1 UJ	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U	0.1 U	0.13 U
4-ISOPROPYLTOLUENE	0.07 U		0.1 U	0.07 UJ	0.1 U	0.1 U	0.07 U	0.07 U	0.07 U	0.1 U	0.07 U	0.07 U	0.1 U
4-METHYL-2-PENTANONE	0.11 U		0.1 U	0.11 UJ	0.1 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.1 U
ACETONE	1 U		1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U		0.4 U	1.3 UJ	0.4 U	0.4 U	1.3 U	1.3 U	1.3 U	0.4 U	1.3 U	1.3 U	0.4 U
BENZENE	0.11 U		0.05 U	0.11 UJ	0.05 U	0.05 U	0.11 U	0.11 U	0.11 U	0.05 U	0.11 U	0.11 U	0.05 U
BROMOCHLOROMETHANE	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U		0.152 J	0.31 J	0.144	0.294 J	0.273 J	0.2615 J	0.25 J	0.135 J	0.1 U	0.282 J	0.277 J
BROMOFORM	4.31		4.42	7.4 J	4.15	3.79	3.52	3.485	3.45	3.36	3.86	3.88	4.24
BROMOMETHANE	0.5 U		0.37 U	0.5 UJ	0.37 U	0.37 U	0.5 U	0.5 U	0.5 U	0.37 U	0.5 U	0.5 U	0.37 U
CARBON TETRACHLORIDE	0.08 U		0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U		0.12 U	0.1 UJ	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.12 U	0.1 U	0.1 U	0.12 U
CHLORODIBROMOMETHANE	0.522		0.618	2.06 J	0.576	0.958	1.11	1.09	1.07	1.51	1.91	1.09	1.14
CHLOROETHANE	0.3 U		0.18 U	0.3 UJ	0.18 U	0.18 U	0.3 U	0.3 U	0.3 U	0.18 U	0.3 U	0.3 U	0.18 U
CHLOROFORM	0.09 U		0.252 J	0.09 UJ	0.237	0.264 J	0.214 J	0.2175 J	0.221 J	0.242 J	0.214 J	0.09 U	0.226 J
CHLOROMETHANE	0.2 U		0.21 U	0.2 UJ	0.21 U	0.21 U	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.21 U
CIS-1,2-DICHLOROETHENE	0.371 J		0.347 J	0.342 J	0.371	0.298 J	0.1 U	0.1 U	0.1 U	0.13 U	0.235 J	0.1 U	0.268 J
CIS-1,3-DICHLOROPROPENE	0.1 U		0.15 U	0.1 UJ	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U	0.15 U	0.1 U	0.1 U	0.15 U
DICHLORODIFLUOROMETHANE	0.14 U		0.12 U	0.14 UJ	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.12 U	0.14 U	0.14 U	0.12 U
ETHYLBENZENE	0.05 U		0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U		0.06 U	0.08 UJ	0.06 U	0.06 U	0.08 U	0.08 U	0.08 U	0.06 U	0.08 U	0.08 U	0.06 U
M+P-XYLENES	0.1 U		0.09 U	0.1 UJ	0.09 U	0.09 U	0.1 U	0.1 U	0.1 U	0.09 U	0.1 U	0.1 U	0.09 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 02
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1332	1332	1334	1344	1345	1346	1351	1351	1351	1355	1356	1384	1385
Sample ID	1332TW001	1332TW002	1334TW001	1344TW001	1345TW001	1346TW001	1351TW001	1351TW001-AVG	1351TW001-D	1355TW001	1356TW001	1384TW001	1385TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090106	20090516	20081209	20081218	20081210	20081121	20090604	20090604	20090604	20081124	20090521	20090314	20081212
Study Area	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID	6300250004244	6300250004244	6301609042204	6300438004254	6303042008140	6303340603182	6300553104112	6300553104112	6300553104112	6303024026134	6300265034116	6300655039222	6300553204264
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
METHYL TERT-BUTYL ETHER	0.1 U		0.11 U	0.1 UJ	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.11 U
METHYLENE CHLORIDE	0.2 U		0.69 U	0.2 UJ	0.69 U	0.69 U	0.2 U	0.2 U	0.2 U	0.69 U	0.2 U	0.2 U	0.69 U
N-BUTYLBENZENE	0.07 U		0.05 U	0.07 UJ	0.05 U	0.05 U	0.07 U	0.07 U	0.07 U	0.05 U	0.07 U	0.07 U	0.0644 J
N-PROPYLBENZENE	0.07 U		0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U		0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U		0.04 U	0.06 UJ	0.04 U	0.04 U	0.06 U	0.06 U	0.06 U	0.04 U	0.06 U	0.06 U	0.04 U
STYRENE	0.08 U		0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U		0.19 U	0.1 UJ	0.19 U	0.19 U	0.1 U	0.1 U	0.1 U	0.19 U	0.1 U	0.1 U	0.19 U
TETRACHLOROETHENE	0.4 J		0.321 J	0.282 J	0.32	0.284 U	0.1 U	0.1 U	0.1 U	0.285 J	0.301 J	0.223 J	0.246 J
TOLUENE	0.1 U		0.17 U	0.1 UJ	0.17 U	0.17 U	0.1 U	0.1 U	0.1 U	0.17 U	0.1 U	0.1 U	0.17 U
TRANS-1,2-DICHLOROETHENE	0.11 U		0.15 U	0.11 UJ	0.15 U	0.15 U	0.11 U	0.11 U	0.11 U	0.15 U	0.11 U	0.11 U	0.161 J
TRANS-1,3-DICHLOROPROPENE	0.07 U		0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.857 J		0.726 J	0.804 J	0.848	0.774 J	0.508 J	0.483 J	0.458 J	0.769 J	0.599 J	0.769 J	0.562 J
TRICHLOROFLUOROMETHANE	0.1 U		0.19 U	0.1 UJ	0.19 U	0.19 U	0.1 U	0.1 U	0.1 U	0.19 U	0.1 U	0.1 U	0.19 U
VINYL CHLORIDE	0.1 U		0.15 U	0.1 UJ	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U	0.15 U	0.1 U	0.1 U	0.15 U
Semivolatile Organics (UG/L)													
1,1-BIPHENYL	0.201 U		0.201 U	0.192 U	0.2 U	0.194 U				0.193 U			0.199 U
1,2,4,5-TETRACHLOROBENZENE	0.201 U		0.201 U	0.192 U	0.2 U	0.194 U				0.193 U			0.199 U
2,3,4,6-TETRACHLOROPHENOL	0.302 UR		0.302 UR	0.289 UR	0.3 UR	0.291 UJ				0.289 UR			0.299 UJ
2,4,5-TRICHLOROPHENOL	0.504 UR		0.503 UR	0.481 UR	0.5 UR	0.485 UJ				0.482 UR			0.498 UJ
2,4,6-TRICHLOROPHENOL	0.504 UR		0.503 UR	0.481 UR	0.5 UR	0.485 UJ				0.482 UR			0.498 UJ
2,4-DICHLOROPHENOL	0.705 UR		0.704 UR	0.673 UR	0.7 UR	0.68 UJ				0.675 UR			0.697 UJ
2,4-DIMETHYLPHENOL	1.01 UR		1.01 UR	0.962 UR	1 UR	0.971 UJ				0.964 UR			0.996 UJ
2,4-DINITROPHENOL	0.302 UR		0.302 UR	0.289 UR	0.3 UR	0.291 UJ				0.289 UR			0.299 UJ
2,4-DINITROTOLUENE	1.01 U		1.01 U	0.962 U	1 U	0.971 U				0.964 U			0.996 U
2,6-DICHLOROPHENOL	0.806 UR		0.805 UR	0.77 UR	0.8 UR	0.777 UJ				0.771 UR			0.797 UJ
2,6-DINITROTOLUENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
2-CHLORONAPHTHALENE	0.201 U		0.201 U	0.192 U	0.2 U	0.194 U				0.193 U			0.199 U
2-CHLOROPHENOL	0.907 UR		0.905 UR	0.866 UR	0.9 UR	0.874 UJ				0.868 UR			0.896 UJ
2-METHYLNAPHTHALENE	0.201 U		0.201 U	0.192 U	0.2 U	0.194 U				0.193 U			0.199 U
2-METHYLPHENOL	0.705 UR		0.704 UR	0.673 UR	0.7 UR	0.68 UJ				0.675 UR			0.697 UJ
2-NITROPHENOL	0.907 UR		0.905 UR	0.866 UR	0.9 UR	0.874 UJ				0.868 UR			0.896 UJ
3&4-METHYLPHENOL	1.21 UR		1.21 UR	1.15 UR	1.2 UR	1.17 UJ				1.16 UR			1.19 UJ
3-NITROANILINE	1.01 U		1.01 U	0.962 U	1 U	0.971 U				0.964 U			0.996 U
4,6-DINITRO-2-METHYLPHENOL	0.201 UR		0.201 UR	0.192 UR	0.2 UR	0.194 UJ				0.193 UR			0.199 UJ
4-BROMOPHENYL PHENYL ETHER	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
4-CHLORO-3-METHYLPHENOL	0.604 UR		0.604 UR	0.577 UR	0.6 UR	0.583 UJ				0.579 UR			0.597 UJ
4-CHLOROANILINE	1.01 U		1.01 U	0.962 U	1 U	0.971 U				0.964 U			0.996 U
4-NITROANILINE	1.01 U		1.01 U	0.962 U	1 U	0.971 U				0.964 U			0.996 U
4-NITROPHENOL	0.302 UR		0.302 UR	0.289 UR	0.3 UR	0.291 UJ				0.289 UR			0.299 UJ
ACENAPHTHENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
ACENAPHTHYLENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
ANILINE	1.01 U		1.01 U	0.962 U	1 U	0.971 U				0.964 U			0.996 U
ANTHRACENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
ATRAZINE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
BAP EQUIVALENT	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
BENZO(A)ANTHRACENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
BENZO(A)PYRENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
BENZO(B)FLUORANTHENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
BENZO(G,H,I)PERYLENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
BENZO(K)FLUORANTHENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
BIS(2-ETHYLHEXYL)PHTHALATE	1.41 U		1.41 U	1.35 U	1.4 U	1.36 U				1.62 U			1.39 U
BUTYL BENZYL PHTHALATE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
CARBAZOLE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
CHRYSENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
DI-N-BUTYL PHTHALATE	1.31 U		1.31 U	1.25 U	1.3 U	1.26 U				1.25 U			1.29 U
DI-N-OCTYL PHTHALATE	0.201 U		0.201 U	0.192 U	0.2 U	0.194 U				0.193 U			0.199 U
DIBENZO(A,H)ANTHRACENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
DIBENZOFURAN	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
DIETHYL PHTHALATE	0.201 U		0.201 U	0.192 U	0.2 U	0.194 U				0.193 U			0.199 U
DIMETHYL PHTHALATE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
DIPHENYLAMINE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
FLUORANTHENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 02
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1332	1332	1334	1344	1345	1346	1351	1351	1351	1355	1356	1384	1385
Sample ID	1332TW001	1332TW002	1334TW001	1344TW001	1345TW001	1346TW001	1351TW001	1351TW001-AVG	1351TW001-D	1355TW001	1356TW001	1384TW001	1385TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090106	20090516	20081209	20081218	20081210	20081121	20090604	20090604	20090604	20081124	20090521	20090314	20081212
Study Area	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID	6300250004244	6300250004244	6301609042204	6300438004254	6303042008140	6303340603182	6300553104112	6300553104112	6300553104112	6303024026134	6300265034116	6300655039222	6300553204264
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
FLUORENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
HEXACHLOROBENZENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
HEXACHLOROBUTADIENE	0.201 U		0.201 U	0.192 U	0.2 U	0.194 U				0.193 U			0.199 U
HEXACHLOROCYCLOPENTADIENE	1.01 U		1.01 U	0.962 U	1 U	0.971 U				0.964 U			0.996 U
HEXACHLOROETHANE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
INDENO(1,2,3-CD)PYRENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
NAPHTHALENE	0.201 U		0.201 U	0.192 U	0.2 U	0.194 U				0.193 U			0.199 U
NITROBENZENE	0.201 U		0.201 U	0.192 U	0.2 U	0.194 U				0.193 U			0.199 U
O-TOLUIDINE	0.705 U		0.704 U	0.673 U	0.7 U	0.68 U				0.675 U			0.697 U
PENTACHLOROBENZENE	0.201 U		0.201 U	0.192 U	0.2 U	0.194 U				0.193 U			0.199 U
PENTACHLOROPHENOL	0.302 UR		0.302 UR	0.289 UR	0.3 UR	0.291 UJ				0.289 UR			0.299 UJ
PHENANTHRENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
PHENOL	1.01 UR		1.01 UR	0.962 UR	1 UR	0.971 UR				0.964 UR			0.996 UR
PYRENE	0.101 U		0.101 U	0.0962 U	0.1 U	0.0971 U				0.0964 U			0.0996 U
Pesticides/PCBs (UG/L)													
4,4'-DDD	0.00337 UJ		0.00312 U	0.00302 UJ	0.00302 U	0.00303 U				0.00308 U			0.00315 U
4,4'-DDE	0.00225 UJ		0.00208 U	0.00202 UJ	0.00201 U	0.00202 U				0.00205 U			0.0021 U
4,4'-DDT	0.00675 UJ		0.00625 U	0.00605 UJ	0.00604 U	0.00606 U				0.00615 U			0.00631 U
ALDRIN	0.00225 UJ		0.00208 U	0.00202 UJ	0.00201 U	0.00202 U				0.00205 U			0.0021 U
ALPHA-BHC	0.00337 UJ		0.00312 U	0.00302 UJ	0.00302 U	0.00303 U				0.00308 U			0.00315 U
ALPHA-CHLORDANE	0.00337 UJ		0.00312 U	0.00302 UJ	0.00302 U	0.00303 U				0.00308 U			0.00315 U
AROCLOR-1016	0.0225 UJ		0.0208 U	0.0202 UJ	0.0201 U	0.0202 U				0.0205 U			0.021 U
AROCLOR-1221	0.0225 UJ		0.0208 U	0.0202 UJ	0.0201 U	0.0202 U				0.0205 U			0.021 U
AROCLOR-1232	0.0225 UJ		0.0208 U	0.0202 UJ	0.0201 U	0.0202 U				0.0205 U			0.021 U
AROCLOR-1242	0.0225 UJ		0.0208 U	0.0202 UJ	0.0201 U	0.0202 U				0.0205 U			0.021 U
AROCLOR-1248	0.0225 UJ		0.0208 U	0.0202 UJ	0.0201 U	0.0202 U				0.0205 U			0.021 U
AROCLOR-1254	0.0225 UJ		0.0208 U	0.0202 UJ	0.0201 U	0.0202 U				0.0205 U			0.021 U
AROCLOR-1260	0.0225 UJ		0.0208 U	0.0202 UJ	0.0201 U	0.0202 U				0.0205 U			0.021 U
BETA-BHC	0.00225 UJ		0.00208 U	0.00202 UJ	0.00201 U	0.00202 U				0.00205 U			0.0021 U
DELTA-BHC	0.00112 UJ		0.00104 U	0.00101 UJ	0.00101 U	0.00101 U				0.00103 U			0.00105 U
DIELDRIN	0.00337 UJ		0.00312 U	0.00302 UJ	0.00302 U	0.00303 U				0.00308 U			0.00315 U
ENDOSULFAN I	0.00337 UJ		0.00312 U	0.00302 UJ	0.00302 U	0.00303 U				0.00308 U			0.00315 U
ENDOSULFAN II	0.00225 UJ		0.00208 U	0.00202 UJ	0.00201 U	0.00202 U				0.00205 U			0.0021 U
ENDOSULFAN SULFATE	0.00787 UJ		0.00729 U	0.00706 UJ	0.00704 U	0.00707 U				0.00718 U			0.00736 U
ENDRIN	0.00225 UJ		0.00208 U	0.00202 UJ	0.00201 U	0.00202 U				0.00205 U			0.0021 U
ENDRIN ALDEHYDE	0.00225 UJ		0.00208 U	0.00202 UJ	0.00201 U	0.00202 U				0.00205 U			0.0021 U
GAMMA-BHC (LINDANE)	0.00112 UJ		0.00104 U	0.00101 UJ	0.00101 U	0.00101 U				0.00103 U			0.00105 U
GAMMA-CHLORDANE	0.00225 UJ		0.00208 U	0.00202 UJ	0.00201 U	0.00202 U				0.00205 U			0.0021 U
HEPTACHLOR	0.0045 UJ		0.00417 U	0.00403 UJ	0.00402 U	0.00404 U				0.0041 U			0.00421 U
HEPTACHLOR EPOXIDE	0.0045 UJ		0.00417 U	0.00403 UJ	0.00402 U	0.00404 U				0.0041 U			0.00421 U
METHOXYCHLOR	0.00337 UJ		0.00312 U	0.00302 UJ	0.00302 U	0.00303 U				0.00308 U			0.00315 U
PENTACHLORONITROBENZENE	0.00337 UJ		0.00312 U	0.00302 UJ	0.00302 U	0.00303 U				0.00308 U			0.00315 U
TOXAPHENE	0.0112 UJ		0.0104 U	0.0101 UJ	0.0101 U	0.0101 U				0.0103 U			0.0105 U
Radiological Parameters (PCI/L)													
GROSS ALPHA	1.9		3.2	1.9	3.2	1.6	2.59 U	2.59 U		3.2	2.97 U	2.53 U	1.6
GROSS BETA	18.4		16.2	17.3	15.4	16.2	9.53	9.53		13.8	6.99	10.7	13.5
RADIUM-228		0.854 U											
STRONTIUM-90		1.47 U											
Inorganics (UG/L)													
ALUMINUM	2.55		2.93	6.84	13.8	3.93	2.56	3.13	3.7	3.01	3.92	2.2 U	4.25
ANTIMONY	0.14 U		0.14 U	0.14 U	2.17	1.43	0.283	0.225	0.167	0.14	0.14 U	0.424	0.464
ARSENIC	6.23		4.9	2.69	9.95	6.4	4.31	4.155	4	6.3	5.71	2.27	4.57
BARIUM	15.7		19.7	8.59	20.9	16.9	14.5	13.65	12.8	18.2	13.4	13.6	17.1
BERYLLIUM	0.03 U		0.0519	0.03 U	0.0559	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	0.04 U		0.04 U	0.04 U	0.186	0.04 U	0.123	0.0715	0.04 U	0.04 U	0.0456	0.231	0.438
CALCIUM	123		122	125	134	136	101	100.1	99.2	134	120	111	94.4
CHROMIUM	0.818 U		0.467	0.591 U	9.79	1.14 U	0.383	0.5195	0.656	1.02 U	0.462	0.383 U	0.509
COBALT	0.0721		0.065	0.03 U	0.141	0.0673	0.274	0.15785	0.0834 U	0.0758	0.0699	0.232	0.289
COPPER	64.9		21.4	9.92	379	55.1	326 J	279 J	232 J	38.1 J	174	47.3	499
IRON	4.7 U		5.7	14.1	481	5.67	239 J	124.7 J	10.4 J	6.78 J	7.09	374	47.3
LEAD	0.952		0.432	0.526	106	0.463	11.6 J	8.335 J	5.07 J	0.626 J	3.16	11.1	8.63
MAGNESIUM	22.3		28	28.1	32	31.7	22	21.75	21.5	30.9	26.8	25.2	29.8
MANGANESE	8.09		12.3	0.526	55.2	5.23	8.89 J	6.4 J	3.91 J	16.8	15.2	33.6	42.3
MERCURY	0.015 U		0.053	0.048	0.047	0.015 U	0.03	0.0285	0.027	0.167	0.038	0.015 U	0.051
NICKEL	3.46		1.09	0.825	2020	1.45	39.6 J	21.88 J	4.16 J	6.74 J	1.39	29.9	32.6
POTASSIUM	5.63		13.9	14.5	15.1	13.7	10.8	10.75	10.7	12.3	10.8	13.3	12.8
SELENIUM	0.358		0.364	0.2 U	0.45	0.364	0.389	0.371	0.353	0.339	0.281	0.2 U	0.343
SILVER	0.12 U		0.246	0.12 U	0.291	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.352
SODIUM	19.3		30.4	27.7	32.9	30	17	16.85	16.7	27.2	17.6	26.3	26.4
THALLIUM	0.548 U		0.0838 U	0.04 U	0.0801 U	0.267 U	0.341	0.235	0.129	0.322 U	0.04 U	0.306 U	0.04 U
TIN	0.155		0.34	0.1 U	112	0.158	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.582	0.277
URANIUM	4.32		4.07	0.552	4.55	4.13	3.2	3.425	3.65	3.87	3.75	5.4	3.43
VANADIUM	2.69		4.62	1.27	7.5	4.17	2.64	3.315	3.99	3.32	2.69	1 U	4.41
ZINC	187		12.3	39.8	1630	49.9	641 J	445.5 J	250 J	15.2 J	97.2	4380	1210

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 02
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1332	1332	1334	1344	1345	1346	1351	1351	1351	1355	1356	1384	1385
Sample ID	1332TW001	1332TW002	1334TW001	1344TW001	1345TW001	1346TW001	1351TW001	1351TW001-AVG	1351TW001-D	1355TW001	1356TW001	1384TW001	1385TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090106	20090516	20081209	20081218	20081210	20081121	20090604	20090604	20090604	20081124	20090521	20090314	20081212
Study Area	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID	6300250004244	6300250004244	6301609042204	6300438004254	6303042008140	6303340603182	6300553104112	6300553104112	6300553104112	6303024026134	6300265034116	6300655039222	6300553204264
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Microbiological Parameters													
FECAL COLIFORM (CFU/100)	1 <		1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)													
PLATE COUNT													
TOTAL COLIFORM (CFU/100)	1 <		7.5	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)													
CHLORIDE	35		46.9	37	44.4	43.5	18.7	18.9	19.1	44.1	22.6	24.5	32.8
CYANIDE	0.004 U		0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.435		0.413	0.499	0.437	0.424	0.331	0.323	0.315	0.509	0.289	0.374	0.326
NITRATE	22 J		20.5	19.9	22.4	19.1 J	14.1	14.2	14.3	18	15.7	18.9 J	16.4 J
NITRITE	0.2 UJ		0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ
PHOSPHATE	0.4 UJ		0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 UJ
SULFATE	38.9		40.6	40.2	45.8	42.5	25.2	25.35	25.5	38	26.8	29.5	29.9
Field Parameters													
CHLORINE (MG/L)	0.12	0.16	0.1	0.13	0.1	0.15	0.1	0.1		0.15	0.14	0.3	0.11
DISSOLVED OXYGEN (MG/L)	7.03	6.91	11.02	7.36	10.36	9.74	8.71	8.71		11.4	10.76	9.71	10.21
OXIDATION REDUCTION POTENTIAL (MV)	581	579	541	505	575	556	395	395		475	545	411	467
PH (S.U.)	7.31	7.39	7.5	7.28	7.4	7.25	7.13	7.13		7.29	7.02	7.56	7.45
SALINITY (%)	0	0.02	0	0	0	0	0.02	0.02		0	0.02	0	0
SPECIFIC CONDUCTANCE (MS/CM)	1	0.725	0.98	1.1	1.11	1.08	0.716	0.716		1.09	0.842	0.73	0.832
TEMPERATURE (C)	14.38	19.28	14.03	14.47	14.45	15.43	19.41	19.41		14.06	19.12	14.6	14.67
TOTAL DISSOLVED SOLIDS					0.7					0.7			
TURBIDITY (NTU)	0	0.3	0	16	0	18.1	0	0		0	0.1	110	0

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 02
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1389	1402	1783	1785	1787	1788	1790	1794	1817	1817	1838	2110	2151	FQ07
Sample ID	1389TW001	1402TW001	1783TW001	1785TW001	1787TW001	1788TW001	1790TW001	1794TW001	1817TW001	1817TW002	1838TW001	2110TW001	2151TW001	FQ07TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	GOVERNMENT
Event	PHASE I	PHASE II	PHASE II	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME
Sample Date	20080716	20081121	20081028	20080708	20090424	20090117	20090317	20090212	20081008	20090509	20081015	20090226	20090427	20081217
Study Area	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID	6300550010355	6300546010122	6303008504140	6303067306109	6303024050130	6301609054244	6304108510232	6301647002238	6302044108162	6302044108162	6303336320196	6300553004232	6300636091152	203
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)														
1,2,3,4,6,7,8,9-OCDD	0.0066 U	0.0016 U	0.0084 U	0.011 U	0.0024 U	0.0035 U	0.0057 U	0.0044 U	0.0077 U		0.0035 U	0.0062 U	0.0037 U	0.0021 U
1,2,3,4,6,7,8,9-OCDF	0.0014 U	0.00032 U	0.001943 U	0.002 U	0.0014 U	0.00053 U	0.00076 U	0.0016 U	0.0025 U		0.00084 U	0.001 U	0.024 J	0.000621 UJ
1,2,3,4,6,7,8-HPCDD	0.0014 U	0.00076 U	0.0021 U	0.003 U	0.0014 U	0.0014 U	0.0023 U	0.00071 U	0.0022 U		0.0012 U	0.0026 U	0.0014 U	0.0012 U
1,2,3,4,6,7,8-HPCDF	0.002 U	0.00042 U	0.00086 U	0.0017 U	0.0015 U	0.00024 U	0.00058 U	0.00087 J	0.0013 U		0.001 U	0.0013 U	0.0044 U	0.0003 UJ
1,2,3,4,7,8,9-HPCDF	0.000362 U	0.00017 J	0.000503 U	0.000323 U	0.00039 U	0.00027 U	0.0002 J	0.00061 U	0.00099 U		0.000741 U	0.00041 U	0.00075 U	0.0005 J
1,2,3,4,7,8-HXCDD	0.000233 U	0.0003 U	0.00053 U	0.00035 U	0.00027 U	0.00039 U	0.000456 U	0.000243 U	0.00077 U		0.000613 U	0.00051 U	0.00027 U	0.00035 UJ
1,2,3,4,7,8-HXCDF	0.00021 U	0.000122 U	0.00038 J	0.000323 U	0.00063 U	0.00024 J	0.000253 U	0.00032 U	0.00072 U		0.000383 U	0.000203 U	0.0014 U	0.000273 UJ
1,2,3,6,7,8-HXCDD	0.00023 U	0.00025 U	0.000431 U	0.000273 J	0.00024 U	0.00034 U	0.000404 U	0.00022 U	0.00067 U		0.00054 U	0.000433 U	0.00022 U	0.0003 UJ
1,2,3,6,7,8-HXCDF	0.00021 U	0.00012 J	0.00029 U	0.00025 U	0.00036 U	0.00017 U	0.00023 U	0.0003 U	0.00042 J		0.00031 U	0.00018 U	0.00063 U	0.000223 UJ
1,2,3,7,8,9-HXCDD	0.00021 U	0.00025 U	0.00046 U	0.00032 J	0.00039 U	0.00034 U	0.000404 U	0.00022 U	0.00067 U		0.00054 U	0.000433 U	0.00022 U	0.00032 U
1,2,3,7,8,9-HXCDF	0.000233 U	0.00015 U	0.00041 U	0.00035 U	0.00036 J	0.00022 U	0.00035 U	0.00037 U	0.00052 U		0.000434 U	0.00023 U	0.00046 J	0.0003 UJ
1,2,3,7,8-PECDD	0.00029 U	0.00057 U	0.00058 U	0.00065 U	0.00097 U	0.00056 U	0.00076 U	0.001509 U	0.000444 U		0.000562 U	0.00056 U	0.00048 J	0.00085 UJ
1,2,3,7,8-PECDF	0.00044 U	0.00037 U	0.000503 U	0.0005 U	0.00034 U	0.00039 U	0.00028 U	0.0006 U	0.00037 U		0.000434 U	0.00023 U	0.0014 U	0.0007 UJ
2,3,4,6,7,8-HXCDF	0.000233 U	0.000122 U	0.00034 U	0.000323 U	0.00032 U	0.00022 U	0.000253 U	0.00032 U	0.000444 U		0.000383 U	0.000203 U	0.00055 J	0.000273 UJ
2,3,4,7,8-PECDF	0.00044 U	0.00039 U	0.00053 U	0.000522 U	0.00056 U	0.00039 U	0.00043 U	0.0011 U	0.00057 U		0.00051 U	0.00043 U	0.00099 U	0.00094 U
2,3,7,8-TCDD	0.00026 U	0.00025 J	0.00024 U	0.0005 J	0.00032 U	0.00039 U	0.00061 U	0.00071 U	0.00032 J		0.000383 U	0.00031 J	0.00031 U	0.0004 J
2,3,7,8-TCDF	0.00054 U	0.0003 U	0.00022 U	0.0003 U	0.00044 U	0.00014 U	0.000202 U	0.00094 U	0.00035 U		0.00023 U	0.00013 U	0.00068 U	0.00035 U
TEQ	0.00026 U	0.000264	0.000038	0.000559	0.000036	0.000024	0.000002	8.7E-06	0.000362		0.000383 U	0.00031	0.000588	0.000405
TOTAL HPCDD	0.0023 J	0.00076 J	0.0021 J	0.0051 J	0.0014 J	0.0022 J	0.0023 J	0.00071 J	0.0071 J		0.0012 J	0.0026 J	0.0014 J	0.0012 J
TOTAL HPCDF	0.0043 J	0.00059 J	0.0013 J	0.0035 J	0.0035 J	0.00077 J	0.00078 J	0.0011 U	0.001727 U		0.0013 U	0.0015 J	0.0077 J	0.000721 J
TOTAL HXCDD	0.00065 U	0.00079 U	0.001415 U	0.000921 U	0.00087 J	0.0011 U	0.0013 U	0.000681 U	0.0021 U		0.0017 U	0.0014 U	0.0007 U	0.000944 UJ
TOTAL HXCDF	0.0019 J	0.000491 U	0.0014 U	0.001245 U	0.0015 J	0.00077 U	0.001011 U	0.0013 U	0.001801 J		0.001508 U	0.00082 U	0.0031 J	0.0011 UJ
TOTAL PECDD	0.00029 U	0.00057 J	0.00058 U	0.00065 U	0.00097 U	0.00056 U	0.00076 U	0.001509 U	0.000444 U		0.000562 U	0.00056 U	0.00048 J	0.00085 UJ
TOTAL PECDF	0.000881 U	0.00074 U	0.001031 U	0.001021 U	0.00087 J	0.00077 U	0.00071 J	0.0017 J	0.00094 J		0.00087 U	0.00064 J	0.0024 J	0.001417 UJ
TOTAL TCDD	0.00078 U	0.000664 U	0.00072 U	0.0015 J	0.001 J	0.0012 U	0.00182 U	0.002118 U	0.000962 U		0.0012 U	0.00094 J	0.0016 U	0.00097 UJ
TOTAL TCDF	0.00073 J	0.00032 J	0.00034 U	0.0006 U	0.00078 J	0.00029 U	0.000404 U	0.0015 J	0.00039 J		0.00031 U	0.000254 U	0.0012 J	0.0005 J
Volatile Organics (UG/L)														
1,1,1,2-TETRACHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U		0.11 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.17 U	0.17 U	0.233 J	0.216 J	0.266 J	0.1 U	0.1 U	0.1 U	0.17 U		0.17 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.08 U	0.08 U	0.08 U	0.08 U	0.05 U		0.05 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U		0.11 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U		0.2 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.109 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.23 J	0.13 U	0.26 J	0.384 J	0.461 J	0.289 J	0.14 U	0.14 U	0.29 J		0.131 J	0.14 U	0.439 J	0.14 U
1,2,3-TRICHLOROBENZENE	0.12 U	0.12 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U		0.12 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.13 U	0.13 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U		0.13 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U		0.13 U	0.1 U	0.1 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U		0.25 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.09 U	0.09 U	0.09 U	0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U		0.09 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.08 U	0.08 U	0.08 U	0.08 U	0.07 U		0.07 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.1 U	0.1 U	0.1 U	0.1 U	0.08 U		0.08 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.15 U	0.15 U	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U		0.15 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.4 U		0.4 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U		0.11 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U		0.07 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	1.6 U	1.6 U	1.6 U	1.6 U	2 U	2 UJ	2 U	2 U	1.6 U		1.6 U	2 U	2 U	2 U
2-CHLOROTOLUENE	0.12 U	0.12 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U		0.12 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.13 U	0.13 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U		0.13 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.07 U	0.07 U	0.07 U	0.1 U		0.1 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U		0.1 U	0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U
ACROLEIN	0.4 U	0.4 U	0.4 U	0.4 U	1.3 U	1.3 U	1.3 U	1.3 U	0.4 U		0.4 U	1.3 U	1.3 U	1.3 U
BENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.11 U	0.11 U	0.11 U	0.11 U	0.05 U		0.05 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.159 J	0.234 J	0.139 J	0.263 J	0.284 J	0.1 U	0.308 J	0.1 U	0.187 J		0.171 J	0.226 J	0.1 U	0.176 J
BROMOFORM	3.99	3.49	2.83	2.77	5.96	6.29	5.97	5.2	4.23		5.65	4.92	3.93	3.95
BROMOMETHANE	0.37 U	0.37 U	0.37 U	0.37 U	0.5 U	0.5 U	0.5 U	0.5 U	0.37 U		0.37 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.12 U	0.12 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U		0.12 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.52	0.838	0.596	0.594	1.32	1.01	1.61	0.84	0.786		0.746	1.01	1.04	0.805
CHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.3 U	0.3 U	0.3 U	0.3 U	0.18 U		0.18 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.261 J	0.296 J	0.09 U	0.225 J	0.332	0.09 U	0.311	0.353	0.224 J		0.212 J	0.298 J	0.282 J	0.09 U
CHLOROMETHANE	0.21 U	0.21 U	0.21 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U		0.21 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.346 J	0.364 J	0.341 J	0.299 J	0.519 J	0.275 J	0.1 U	0.324 J	0.294 J		0.257 J	0.283 J	0.1 U	0.185 J
CIS-1,3-DICHLOROPROPENE	0.15 U	0.15 U	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U		0.15 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.14 U	0.12 U		0.12 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.08 U	0.08 U	0.08 U	0.08 U	0.06 U		0.06 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.09 U	0.09 U	0.09 U	0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U		0.09 U	0.1 U	0.1 U	0.1 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 02
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1389	1402	1783	1785	1787	1788	1790	1794	1817	1817	1838	2110	2151	FQ07
Sample ID	1389TW001	1402TW001	1783TW001	1785TW001	1787TW001	1788TW001	1790TW001	1794TW001	1817TW001	1817TW002	1838TW001	2110TW001	2151TW001	FQ07TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	GOVERNMENT
Event	PHASE I	PHASE II	PHASE II	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME
Sample Date	20080716	20081121	20081028	20080708	20090424	20090117	20090317	20090212	20081008	20090509	20081015	20090226	20090427	20081217
Study Area	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID	6300550010355	6300546010122	6303008504140	6303067306109	6303024050130	6301609054244	6304108510232	6301647002238	6302044108162	6302044108162	6303336320196	6300553004232	6300636091152	203
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
METHYL TERT-BUTYL ETHER	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U		0.11 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	0.69 U	0.69 U	0.69 U	0.69 U	0.2 U	0.2 U	0.2 U	0.2 U	0.69 U		0.69 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.07 U	0.07 U	0.07 U	0.07 U	0.05 U		0.05 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.06 U	0.06 U	0.06 U	0.06 U	0.04 U		0.04 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.19 U	0.19 U	0.19 U	0.19 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U		0.19 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.468 J	0.306 U	0.319 J	0.29 J	0.412 J	0.391 J	0.353 J	0.428 J	0.29 J		0.272 J	0.384 J	0.412 J	0.223 J
TOLUENE	0.17 U	0.17 U	0.17 U	0.17 U	0.1 U	0.1 U	0.1 U	0.1 U	0.288 U		0.17 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.15 U	0.15 U	0.15 U	0.15 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15 U		0.15 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	1.19	0.853 J	0.903 J	0.981 J	0.815 J	0.729 J	0.862 J	0.888 J	0.648 J		0.481 J	0.681 J	0.828 J	0.487 J
TRICHLOROFLUOROMETHANE	0.19 U	0.19 U	0.19 U	0.19 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U		0.19 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.15 U	0.15 U	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U		0.15 U	0.1 U	0.1 U	0.1 U
Semivolatile Organics (UG/L)														
1,1-BIPHENYL	0.209 U	0.194 U	0.19 U	0.215 U		0.194 U			0.201 U		0.207 U			0.205 U
1,2,4,5-TETRACHLOROBENZENE	0.209 U	0.194 U	0.19 U	0.215 U		0.194 U			0.201 U		0.207 U			0.205 U
2,3,4,6-TETRACHLOROPHENOL	0.314 U	0.291 UJ	0.285 UR	0.323 U		0.291 UJ			0.302 U		0.311 U			0.308 UJ
2,4,5-TRICHLOROPHENOL	0.524 U	0.486 UJ	0.476 UR	0.538 U		0.485 UJ			0.503 U		0.518 U			0.513 UJ
2,4,6-TRICHLOROPHENOL	0.524 U	0.486 UJ	0.476 UR	0.538 U		0.485 UJ			0.503 U		0.518 U			0.513 UJ
2,4-DICHLOROPHENOL	0.733 U	0.68 UJ	0.666 UR	0.754 U		0.68 UJ			0.704 U		0.725 U			0.719 UJ
2,4-DIMETHYLPHENOL	1.05 U	0.971 UJ	0.952 UR	1.08 U		0.971 UJ			1.01 U		1.04 U			1.03 UJ
2,4-DINITROPHENOL	0.314 U	0.291 UJ	0.285 UR	0.323 U		0.291 UJ			0.302 U		0.311 U			0.308 UJ
2,4-DINITROTOLUENE	1.05 U	0.971 U	0.952 U	1.08 U		0.971 U			1.01 U		1.04 U			1.03 U
2,6-DICHLOROPHENOL	0.838 U	0.777 UJ	0.761 UR	0.861 U		0.777 UJ			0.804 U		0.829 U			0.821 UJ
2,6-DINITROTOLUENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
2-CHLORONAPHTHALENE	0.209 U	0.194 U	0.19 U	0.215 U		0.194 U			0.201 U		0.207 U			0.205 U
2-CHLOROPHENOL	0.942 U	0.874 UJ	0.856 UR	0.969 U		0.874 UJ			0.905 U		0.932 U			0.924 UJ
2-METHYLNAPHTHALENE	0.209 U	0.194 U	0.19 UR	0.215 U		0.194 U			0.201 U		0.207 U			0.205 U
2-METHYLPHENOL	0.733 U	0.68 UJ	0.666 UR	0.754 U		0.68 UJ			0.704 U		0.725 U			0.719 UJ
2-NITROPHENOL	0.942 U	0.874 UJ	0.856 UR	0.969 U		0.874 UJ			0.905 U		0.932 U			0.924 UJ
3&4-METHYLPHENOL	1.26 U	1.17 UJ	1.14 UR	1.29 U		1.16 UJ			1.21 U		1.24 U			1.23 UJ
3-NITROANILINE	1.05 U	0.971 U	0.952 U	1.08 U		0.971 U			1.01 U		1.04 U			1.03 U
4,6-DINITRO-2-METHYLPHENOL	0.209 U	0.194 UJ	0.19 UR	0.215 U		0.194 UJ			0.201 U		0.207 U			0.205 UJ
4-BROMOPHENYL PHENYL ETHER	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
4-CHLORO-3-METHYLPHENOL	0.628 U	0.583 UJ	0.571 UR	0.646 U		0.582 UJ			0.603 U		0.622 U			0.616 UJ
4-CHLOROANILINE	1.05 U	0.971 U	0.952 U	1.08 U		0.971 U			1.01 U		1.04 U			1.03 U
4-NITROANILINE	1.05 U	0.971 U	0.952 U	1.08 U		0.971 UJ			1.01 U		1.04 U			1.03 U
4-NITROPHENOL	0.314 U	0.291 UJ	0.285 UR	0.323 U		0.291 UJ			0.302 U		0.311 U			0.308 UJ
ACENAPHTHENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
ACENAPHTHYLENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
ANILINE	1.05 U	0.971 U	0.952 U	1.08 U		0.971 U			1.01 U		1.04 U			1.03 U
ANTHRACENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
ATRAZINE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
BAP EQUIVALENT	0.105 U	0.0971 U	0.0952 U	0.108 U		0.2467			0.101 U		0.104 U			0.103 U
BENZO(A)ANTHRACENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
BENZO(A)PYRENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
BENZO(B)FLUORANTHENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.115 J			0.101 U		0.104 U			0.103 U
BENZO(G,H,I)PERYLENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.176 J			0.101 U		0.104 U			0.103 U
BENZO(K)FLUORANTHENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
BIS(2-ETHYLHEXYL)PHTHALATE	1.47 U	1.47 U	1.33 U	1.51 U		1.36 U			1.41 U		1.45 U			1.44 U
BUTYL BENZYL PHTHALATE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
CARBAZOLE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
CHRYSENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
DI-N-BUTYL PHTHALATE	1.36 U	1.26 U	1.24 U	1.4 U		1.26 U			1.31 U		1.35 U			1.33 U
DI-N-OCTYL PHTHALATE	0.209 U	0.194 U	0.19 U	0.215 U		0.194 U			0.201 U		0.207 U			0.205 U
DIBENZO(A,H)ANTHRACENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.217 J			0.101 U		0.104 U			0.103 U
DIBENZOFURAN	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
DIETHYL PHTHALATE	0.209 U	0.194 U	0.19 U	0.215 U		0.194 U			0.201 U		0.207 U			0.205 U
DIMETHYL PHTHALATE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
DIPHENYLAMINE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
FLUORANTHENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 02
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1389	1402	1783	1785	1787	1788	1790	1794	1817	1817	1838	2110	2151	FQ07
Sample ID	1389TW001	1402TW001	1783TW001	1785TW001	1787TW001	1788TW001	1790TW001	1794TW001	1817TW001	1817TW002	1838TW001	2110TW001	2151TW001	FQ07TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	GOVERNMENT
Event	PHASE I	PHASE II	PHASE II	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME
Sample Date	20080716	20081121	20081028	20080708	20090424	20090117	20090317	20090212	20081008	20090509	20081015	20090226	20090427	20081217
Study Area	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID	6300550010355	6300546010122	6303008504140	6303067306109	6303024050130	6301609054244	6304108510232	6301647002238	6302044108162	6302044108162	6303336320196	6300553004232	6300636091152	203
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
FLUORENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
HEXACHLOROBENZENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
HEXACHLOROBUTADIENE	0.209 U	0.194 U	0.19 U	0.215 U		0.194 U			0.201 U		0.207 U			0.205 U
HEXACHLOROCYCLOPENTADIENE	1.05 U	0.971 U	0.952 U	1.08 U		0.971 U			1.01 U		1.04 U			1.03 U
HEXACHLOROETHANE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
INDENO(1,2,3-CD)PYRENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.182 J			0.101 U		0.104 U			0.103 U
NAPHTHALENE	0.209 U	0.194 U	0.19 U	0.215 U		0.194 U			0.201 U		0.207 U			0.205 U
NITROBENZENE	0.209 U	0.194 U	0.19 U	0.215 U		0.194 U			0.201 U		0.207 U			0.205 U
O-TOLUIDINE	0.733 U	0.68 U	0.666 U	0.754 U		0.68 U			0.704 U		0.725 U			0.719 U
PENTACHLOROBENZENE	0.209 U	0.194 U	0.19 U	0.215 U		0.194 U			0.201 U		0.207 U			0.205 U
PENTACHLOROPHENOL	0.314 U	0.291 UJ	0.285 UR	0.323 U		0.291 UJ			0.302 U		0.311 U			0.308 UJ
PHENANTHRENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
PHENOL	1.05 U	0.971 UR	0.952 UR	1.08 U		0.971 UR			1.01 U		1.04 U			1.03 UR
PYRENE	0.105 U	0.0971 U	0.0952 U	0.108 U		0.0971 U			0.101 U		0.104 U			0.103 U
Pesticides/PCBs (UG/L)														
4,4'-DDD	0.00321 U	0.00304 U	0.003 U	0.003 U		0.00307 U			0.00314 U		0.00312 U			0.00313 U
4,4'-DDE	0.00214 U	0.00202 U	0.002 U	0.002 U		0.00205 U			0.00209 U		0.00208 U			0.00209 U
4,4'-DDT	0.00642 U	0.00607 U	0.006 U	0.006 U		0.00614 U			0.00628 U		0.00624 U			0.00626 U
ALDRIN	0.00214 U	0.00202 U	0.002 U	0.002 U		0.00205 U			0.00209 U		0.00208 U			0.00209 U
ALPHA-BHC	0.00321 U	0.00304 U	0.003 U	0.003 U		0.00307 U			0.00314 U		0.00312 U			0.00313 U
ALPHA-CHLORDANE	0.00321 U	0.00304 U	0.003 U	0.003 U		0.00307 U			0.00314 U		0.00312 U			0.00313 U
AROCLOR-1016	0.02 U	0.0202 U	0.02 U	0.0223 U		0.0205 U			0.0209 U		0.0208 U			0.0209 U
AROCLOR-1221	0.02 U	0.0202 U	0.02 U	0.0223 U		0.0205 U			0.0209 U		0.0208 U			0.0209 U
AROCLOR-1232	0.02 U	0.0202 U	0.02 U	0.0223 U		0.0205 U			0.0209 U		0.0208 U			0.0209 U
AROCLOR-1242	0.02 U	0.0202 U	0.02 U	0.0223 U		0.0205 U			0.0209 U		0.0208 U			0.0209 U
AROCLOR-1248	0.02 U	0.0202 U	0.02 U	0.0223 U		0.0205 U			0.0209 U		0.0208 U			0.0209 U
AROCLOR-1254	0.02 U	0.0202 U	0.02 U	0.0223 U		0.0205 U			0.0209 U		0.0208 U			0.0209 U
AROCLOR-1260	0.02 U	0.0202 U	0.02 U	0.0223 U		0.0205 U			0.0209 U		0.0208 U			0.0209 U
BETA-BHC	0.00214 U	0.00202 U	0.002 U	0.002 U		0.00205 U			0.00209 U		0.00208 U			0.00209 U
DELTA-BHC	0.00107 U	0.00101 U	0.001 U	0.001 U		0.00102 U			0.00105 U		0.00104 U			0.00104 U
DIELDRIN	0.00321 U	0.00304 U	0.003 U	0.003 U		0.00307 U			0.00314 U		0.00312 U			0.00313 U
ENDOSULFAN I	0.00321 U	0.00304 U	0.003 U	0.003 U		0.00307 U			0.00314 U		0.00312 U			0.00313 U
ENDOSULFAN II	0.00214 U	0.00202 U	0.002 U	0.002 U		0.00205 U			0.00209 U		0.00208 U			0.00209 U
ENDOSULFAN SULFATE	0.00749 U	0.00709 U	0.007 U	0.007 U		0.00716 U			0.00733 U		0.00728 U			0.0073 U
ENDRIN	0.00214 U	0.00202 U	0.002 U	0.002 U		0.00205 U			0.00209 U		0.00208 U			0.00209 U
ENDRIN ALDEHYDE	0.00214 U	0.00202 U	0.002 U	0.002 U		0.00205 U			0.00209 U		0.00208 U			0.00209 U
GAMMA-BHC (LINDANE)	0.00107 U	0.00101 U	0.001 U	0.001 U		0.00102 U			0.00105 U		0.00104 U			0.00104 U
GAMMA-CHLORDANE	0.00214 U	0.00202 U	0.002 U	0.002 U		0.00205 U			0.00209 U		0.00208 U			0.00209 U
HEPTACHLOR	0.00428 U	0.00405 U	0.004 U	0.004 U		0.00409 U			0.00419 U		0.00416 U			0.00417 U
HEPTACHLOR EPOXIDE	0.00428 U	0.00405 U	0.004 U	0.004 U		0.00409 U			0.00419 U		0.00416 U			0.00417 U
METHOXYCHLOR	0.00321 U	0.00304 U	0.003 U	0.003 U		0.00307 U			0.00314 U		0.00312 U			0.00313 U
PENTACHLORONITROBENZENE	0.00321 U	0.00304 U	0.003 U	0.003 U		0.00307 U			0.00314 U		0.00312 U			0.00313 U
TOXAPHENE	0.01 U	0.0101 U	0.01 U	0.01 U		0.0102 U			0.0105 U		0.0104 U			0.0104 U
Radiological Parameters (PCI/L)														
GROSS ALPHA	1.6 U	2.4	1.6	2.7	3.94	1.6 U	2.02	2.87 U	5.4		1.4 U	2.86 U	2.75 U	1.9
GROSS BETA	19.5	15.4	13.8	20.8	11.6	16.2	14.2	12.4	20.8		13.2	13.4	11.9	12.4
RADIUM-228										0.799 U				
STRONTIUM-90										1.77 U				
Inorganics (UG/L)														
ALUMINUM	9.8	6.26	2.2 U	2.2 U	2.86 U	3.06	8.65	3.03	20.6		6.1	26.8	11.7 U	2.2 U
ANTIMONY	0.14 U	0.14 U	0.147	0.14 U	0.14 U	0.194	0.14 U	0.144	0.14 U		0.195	0.198	0.14 U	0.389
ARSENIC	3.94	6.89	4.22	5.29	2.68	6.75	5.93	5.07	3.29		2.81	8.6	2.63	4.06
BARIUM	17.1	20.1	17.1	17.9	15.5	17.1	15.2	17.4	15.6		17.2	16.2	13.8	15.1 J
BERYLLIUM	0.0953 U	0.03 U	0.03 U	0.0535 U	0.03 U	0.0486	0.03 U	0.0332	0.03 U		0.0332	0.0353	0.087 U	0.03 U
CADMIUM	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0867	0.0476	0.04 U		0.106	0.106	0.04 U	0.0419
CALCIUM		137	124		102	112	110	125	122		131	106	96	109
CHROMIUM	0.8	1.65 U	0.885	0.565	1.39	0.15 U	0.562 U	0.692	0.651		0.15 U	0.794	0.301 U	0.562 U
COBALT	0.2	0.117	0.0543	0.1	0.0346	0.139	0.157	0.135	0.0585		0.0949	0.206	0.0965	0.446
COPPER	23.9	17.1	16.4	195	7.73	105	57.2	21.5	135		157	152	28.2	91.6 J
IRON	70.8	71.8	5.69	4.7 U	4.7 U	61.1	442	190	19.4		52.8	48.4	21.2	26 J
LEAD	5.39	0.905	0.414	1.6	0.366	0.914	13.3	7.38	3.46		5.41	24.1	1.87	1.99 J
MAGNESIUM		32	28.1		23.1	24.7	24.4	29.3	27.3		30.1	23.1	21.1	23.9
MANGANESE	103	54.4	13.3	11.2	10.4	13.3	50.8	24.1	4.63		29.7	46.2	40.2	11.6 J
MERCURY	0.022	0.03	0.04	0.03	0.015 U	0.041	0.033 J	0.015 U	0.015 U		0.015 U	0.029	0.049	0.015
NICKEL	1.43	0.979	1.81	2.04	1.76	1.69	9.32	8.52	9.5		9.92	15.1	1.35	2.84 J
POTASSIUM		16.1	14		12.9	14.9	15.3	18.7	13.7		13.9	15.1	12.5	12.3
SELENIUM	0.418	0.456	0.291	0.496	0.329	0.797 U	0.272	0.527	0.295		0.564 U	0.485	0.505	0.296
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.142	0.12 U	0.12 U		0.12 U	0.427 U	0.12 U	0.12 U
SODIUM		34.4	29.6		18.8	28.6	23.2	37	27.2		29.1	23.6	19.1	22.2
THALLIUM	0.69 U	0.162 U	0.0712 U	0.152 U	0.04 U	0.87	0.142 U	0.692 U	0.142 U		0.423 U	0.352 U	0.04 U	0.04 U
TIN	0.601	0.245	0.301	0.142	0.185	0.422 U	0.238	0.338	0.1 U		0.308	1.98	0.244	0.1 U
URANIUM	4.57	4.81	4.1	6.09	3.98	4.8	5.33	6.29	4.46		4.21	4.62	3.71	3.59
VANADIUM	1.15	4.91	1.44	3.54	4.14	2.75	2.81	5.24	2.19		1 U	3.97	1.58	2.03
ZINC	343	126	15.9	127	18.8 U	391	1290	383	312		300	346	41.5	480 J

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 02
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1389	1402	1783	1785	1787	1788	1790	1794	1817	1817	1838	2110	2151	FQ07
Sample ID	1389TW001	1402TW001	1783TW001	1785TW001	1787TW001	1788TW001	1790TW001	1794TW001	1817TW001	1817TW002	1838TW001	2110TW001	2151TW001	FQ07TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	GOVERNMENT
Event	PHASE I	PHASE II	PHASE II	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME
Sample Date	20080716	20081121	20081028	20080708	20090424	20090117	20090317	20090212	20081008	20090509	20081015	20090226	20090427	20081217
Study Area	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02	STUDY AREA 02
Premise ID	6300550010355	6300546010122	6303008504140	6303067306109	6303024050130	6301609054244	6304108510232	6301647002238	6302044108162	6302044108162	6303336320196	6300553004232	6300636091152	203
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Microbiological Parameters														
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <		1 <	1 <	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)	0			0										
PLATE COUNT	0			2										
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <		1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)														
CHLORIDE	37.2	54	45.5	43.8	30.3	53.6	32.6	74.7	38.6		40.9	33.3	25.7	27.3
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U		0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.462	0.458	0.459	0.449	0.466	0.47	0.432	0.542 J	0.4		0.433	0.457	0.432	0.371
NITRATE	23.8	22.9 J	20.2	21.2	22.4 J	22.4 J	25	28.6 J	21.4 J		21.5	26.6 J	20.4	14.6
NITRITE	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ	0.2 UJ		0.2 U	0.2 UJ	0.2 U	0.2 U
PHOSPHATE	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ	0.4 U	0.4 UJ	0.4 UJ		0.4 U	0.4 UJ	0.4 U	0.4 U
SULFATE	41.4	47.6	39.4	35.8	37.4	39.1	42.3	47.7	35.8		39	42.4	33.5	25.9
Field Parameters														
CHLORINE (MG/L)	0.12	0.15	0.12	0.1	0.1	0.03	0.08	0.14	0.08	0.16	0.12	0.11	0.14	0.04
DISSOLVED OXYGEN (MG/L)	9.19	9.53	9.83	9.55	9.03	9.3	8.26	9.79	8.2	6.7	10.29	8.04	6.83	9.51
OXIDATION REDUCTION POTENTIAL (MV)	5	516	548	558	533	333	445	440	611	528	455	538	525	331
PH (S.U.)	7.38	7.22	7.13	7.39	7.55	7.53	7.45	7.27	7.11	7.49	6.88	7.46	7.43	7.34
SALINITY (%)	0	0.1	0	0.1	0	0	0.02	0	0	0.02	0	0	0.02	0
SPECIFIC CONDUCTANCE (MS/CM)	0.92	1.13	1	1.1	0.827	1	0.797	1.09	0.9	0.882	1	0.87	0.692	0.862
TEMPERATURE (C)	17	16.24	15.78	18.1	16.35	13.13	14.75	14.33	19.26	21.59	16.53	13.26	17.49	19.04
TOTAL DISSOLVED SOLIDS		0.7												0.55
TURBIDITY (NTU)	2	0	6.4	6	4	2.3	0.2	12.2		0	27.8	0	0	0

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 02
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1788	1817
Sample ID	1788SS0010006	1817SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II
Sample Date	20090116	20090115
Study Area	STUDY AREA 02	STUDY AREA 02
Premise ID	6301609054244	6302044108162
Likely Water Source	PUBLIC	PUBLIC
Dioxins/Furans (NG/KG)		
1,2,3,4,6,7,8,9-OCDD	2.8 U	67
1,2,3,4,6,7,8,9-OCDF	0.57 U	5.3 J
1,2,3,4,6,7,8-HPCDD	0.73 U	10
1,2,3,4,6,7,8-HPCDF	0.34 U	6.4 J
1,2,3,4,7,8,9-HPCDF	0.13 U	0.56 J
1,2,3,4,7,8-HXCDD	0.1 U	1.3 J
1,2,3,4,7,8-HXCDF	0.11 U	4.6
1,2,3,6,7,8-HXCDD	0.14 U	0.83 J
1,2,3,6,7,8-HXCDF	0.095 U	1.6 J
1,2,3,7,8,9-HXCDD	0.098 J	0.61 J
1,2,3,7,8,9-HXCDF	0.078 U	0.16 U
1,2,3,7,8-PECDD	0.19 U	0.66 J
1,2,3,7,8-PECDF	0.1 J	2.2
2,3,4,6,7,8-HXCDF	0.11 J	1.7 J
2,3,4,7,8-PECDF	0.11 U	1.7
2,3,7,8-TCDD	0.11 U	0.17 J
2,3,7,8-TCDF	0.12 U	1.8
TEQ	0.0238	2.84129
TOTAL HPCDD	1.4 J	19
TOTAL HPCDF	0.8 J	14 J
TOTAL HXCDD	0.4 J	10 J
TOTAL HXCDF	0.37 J	21 J
TOTAL PECDD	0.19 J	6.8 J
TOTAL PECDF	0.21 J	22
TOTAL TCDD	0.35 J	5.5
TOTAL TCDF	0.23 J	27
Volatile Organics (MG/KG)		
1,1,1,2-TETRACHLOROETHANE	0.000394 U	0.000421 U
1,1,1-TRICHLOROETHANE	0.000525 U	0.000561 U
1,1,2,2-TETRACHLOROETHANE	0.000263 U	0.00028 U
1,1,2-TRICHLOROETHANE	0.000394 U	0.000421 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.000919 U	0.000981 U
1,1-DICHLOROETHANE	0.000919 U	0.000981 U
1,1-DICHLOROETHENE	0.000656 U	0.000701 U
1,2,3-TRICHLOROBENZENE	0.000656 U	0.000701 U
1,2,3-TRICHLOROPROPANE	0.000394 U	0.000421 U
1,2,4-TRICHLOROBENZENE	0.000394 U	0.000421 U
1,2,4-TRIMETHYLBENZENE	0.000525 U	0.000561 U
1,2-DIBROMO-3-CHLOROPROPANE	0.000525 U	0.000561 U
1,2-DIBROMOETHANE	0.000131 U	0.00014 U
1,2-DICHLOROBENZENE	0.000131 U	0.00014 U
1,2-DICHLOROETHANE	0.000263 U	0.00028 U
1,2-DICHLOROPROPANE	0.000394 U	0.000421 U
1,2-DICHLOROTETRAFLUOROETHANE	0.000788 UR	0.000841 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 02
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1788	1817
Sample ID	1788SS0010006	1817SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II
Sample Date	20090116	20090115
Study Area	STUDY AREA 02	STUDY AREA 02
Premise ID	6301609054244	6302044108162
Likely Water Source	PUBLIC	PUBLIC
1,3,5-TRIMETHYLBENZENE	0.000263 U	0.00028 U
1,3-DICHLOROBENZENE	0.000263 U	0.00028 U
1,3-DICHLOROPROPANE	0.000263 U	0.00028 U
1,4-DICHLOROBENZENE	0.000131 U	0.00014 U
2,2-DICHLOROPROPANE	0.000656 U	0.000701 U
2-BUTANONE	0.00236 U	0.00252 U
2-CHLOROTOLUENE	0.000394 U	0.000421 U
2-HEXANONE	0.00131 U	0.0014 U
4-CHLOROTOLUENE	0.000263 U	0.00028 U
4-ISOPROPYLTOLUENE	0.000263 U	0.00028 U
4-METHYL-2-PENTANONE	0.000394 U	0.000421 U
ACETONE	0.0157 J	0.00813 U
ACROLEIN	0.00669 U	0.00715 U
BENZENE	0.000394 U	0.000421 U
BROMOCHLOROMETHANE	0.000525 U	0.000561 U
BROMODICHLOROMETHANE	0.000525 U	0.000561 U
BROMOFORM	0.000263 U	0.00028 U
BROMOMETHANE	0.00394 UR	0.00421 U
CARBON TETRACHLORIDE	0.000525 U	0.000561 U
CHLOROBENZENE	0.000263 U	0.00028 U
CHLORODIBROMOMETHANE	0.000131 U	0.00014 U
CHLOROETHANE	0.000525 UR	0.000561 U
CHLOROFORM	0.000919 U	0.000981 U
CHLOROMETHANE	0.00118 U	0.00126 U
CIS-1,2-DICHLOROETHENE	0.000919 U	0.000981 U
CIS-1,3-DICHLOROPROPENE	0.000131 U	0.00014 U
DICHLORODIFLUOROMETHANE	0.000394 U	0.000421 U
ETHYLBENZENE	0.000394 U	0.000421 U
ISOPROPYLBENZENE	0.000263 U	0.00028 U
M+P-XYLENES	0.000788 U	0.000841 U
METHYL TERT-BUTYL ETHER	0.000656 U	0.000701 U
METHYLENE CHLORIDE	0.00131 U	0.0014 U
N-BUTYLBENZENE	0.000263 U	0.00028 U
N-PROPYLBENZENE	0.000394 U	0.000421 U
O-XYLENE	0.000263 U	0.00028 U
SEC-BUTYLBENZENE	0.000263 U	0.00028 U
STYRENE	0.000263 U	0.00028 U
TERT-BUTYLBENZENE	0.000525 U	0.000561 U
TETRACHLOROETHENE	0.000788 U	0.000841 U
TOLUENE	0.0249	0.000701 U
TRANS-1,2-DICHLOROETHENE	0.000788 U	0.000841 U
TRANS-1,3-DICHLOROPROPENE	0.000394 U	0.000421 U
TRICHLOROETHENE	0.000656 U	0.000701 U
TRICHLOROFLUOROMETHANE	0.00105 UJ	0.00112 U
VINYL CHLORIDE	0.000525 U	0.000561 U

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STUDY AREA 02
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1788	1817
Sample ID	1788SS0010006	1817SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II
Sample Date	20090116	20090115
Study Area	STUDY AREA 02	STUDY AREA 02
Premise ID	6301609054244	6302044108162
Likely Water Source	PUBLIC	PUBLIC
Semivolatile Organics (MG/KG)		
1,1-BIPHENYL	0.0196 U	0.0209 U
1,2,4,5-TETRACHLOROBENZENE	0.0157 U	0.0167 U
2,3,4,6-TETRACHLOROPHENOL	0.093 U	0.0987 UJ
2,4,5-TRICHLOROPHENOL	0.161 U	0.171 UJ
2,4,6-TRICHLOROPHENOL	0.0865 U	0.0918 UJ
2,4-DICHLOROPHENOL	0.101 U	0.107 UJ
2,4-DIMETHYLPHENOL	0.194 U	0.206 UJ
2,4-DINITROPHENOL	0.072 U	0.0765 UJ
2,4-DINITROTOLUENE	0.0236 U	0.025 U
2,6-DICHLOROPHENOL	0.0616 U	0.0654 UJ
2,6-DINITROTOLUENE	0.0196 U	0.0209 U
2-CHLORONAPHTHALENE	0.0105 U	0.0111 U
2-CHLOROPHENOL	0.0655 U	0.0695 UJ
2-METHYLNAPHTHALENE	0.0223 U	0.0236 U
2-METHYLPHENOL	0.131 U	0.139 UJ
2-NITROPHENOL	0.0825 U	0.0876 UJ
3&4-METHYLPHENOL	0.151 U	0.16 UJ
3-NITROANILINE	0.0236 UJ	0.025 U
4,6-DINITRO-2-METHYLPHENOL	0.0878 U	0.0932 UJ
4-BROMOPHENYL PHENYL ETHER	0.0157 U	0.0167 U
4-CHLORO-3-METHYLPHENOL	0.115 U	0.122 UJ
4-CHLOROANILINE	0.0301 U	0.032 U
4-NITROANILINE	0.0576 UJ	0.0612 U
4-NITROPHENOL	0.155 U	0.164 UJ
ACENAPHTHENE	0.0131 U	0.0139 U
ACENAPHTHYLENE	0.0118 U	0.0125 U
ANILINE	0.0262 U	0.0278 U
ANTHRACENE	0.047 J	0.0167 U
ATRAZINE	0.0341 U	0.0362 U
BAP EQUIVALENT	0.147606	0.106316
BENZO(A)ANTHRACENE	0.0873 J	0.0593 J
BENZO(A)PYRENE	0.106 J	0.0912 J
BENZO(B)FLUORANTHENE	0.0262 U	0.0278 U
BENZO(G,H,I)PERYLENE	0.0367 U	0.0389 U
BENZO(K)FLUORANTHENE	0.084 J	0.0834 J
BIS(2-ETHYLHEXYL)PHTHALATE	0.138 U	0.146 U
BUTYL BENZYL PHTHALATE	0.0393 U	0.0417 U
CARBAZOLE	0.0236 U	0.025 U
CHRYSENE	0.106 J	0.0823 J
DI-N-BUTYL PHTHALATE	0.0563 J	0.0598 U
DI-N-OCTYL PHTHALATE	0.0262 U	0.0278 U
DIBENZO(A,H)ANTHRACENE	0.0236 J	0.025 U
DIBENZOFURAN	0.0131 U	0.0139 U
DIETHYL PHTHALATE	0.0223 U	0.0236 U

J-Estimated value
U-Not detected at that value
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STUDY AREA 02
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1788	1817
Sample ID	1788SS0010006	1817SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II
Sample Date	20090116	20090115
Study Area	STUDY AREA 02	STUDY AREA 02
Premise ID	6301609054244	6302044108162
Likely Water Source	PUBLIC	PUBLIC
DIMETHYL PHTHALATE	0.017 U	0.0181 U
DIPHENYLAMINE	0.0681 U	0.0723 U
FLUORANTHENE	0.145 J	0.0528 J
FLUORENE	0.0157 U	0.0167 U
HEXACHLOROBENZENE	0.0144 U	0.0153 U
HEXACHLOROBUTADIENE	0.0131 U	0.0139 U
HEXACHLOROCYCLOPENTADIENE	0.0183 UJ	0.0195 U
HEXACHLOROETHANE	0.0144 U	0.0153 U
INDENO(1,2,3-CD)PYRENE	0.0833 J	0.0827 J
NAPHTHALENE	0.00786 J	0.00834 U
NITROBENZENE	0.0196 U	0.0209 U
O-TOLUIDINE	0.0236 U	0.025 U
PENTACHLOROBENZENE	0.0367 U	0.0389 U
PENTACHLOROPHENOL	0.202 U	0.214 UJ
PHENANTHRENE	0.0474 J	0.0417 U
PHENOL	0.0445 U	0.0473 UJ
PYRENE	0.121 J	0.0485 J
Pesticides/PCBs (MG/KG)		
4,4'-DDD	0.000535 UJ	0.000658 U
4,4'-DDE	0.000525 UJ	0.000646 U
4,4'-DDT	0.000703 UJ	0.000865 U
ALDRIN	0.000426 UJ	0.000524 U
ALPHA-BHC	0.000525 UJ	0.000646 U
ALPHA-CHLORDANE	0.000426 UJ	0.000524 U
AROCLOR-1016	0.00693 U	0.00853 U
AROCLOR-1221	0.00693 U	0.00853 U
AROCLOR-1232	0.00693 U	0.00853 U
AROCLOR-1242	0.00693 U	0.00853 U
AROCLOR-1248	0.00693 U	0.00853 U
AROCLOR-1254	0.00693 U	0.00853 U
AROCLOR-1260	0.00693 U	0.00853 U
BETA-BHC	0.000643 UJ	0.000792 U
DELTA-BHC	0.000584 UJ	0.000719 U
DIELDRIN	0.000594 UJ	0.000731 U
ENDOSULFAN I	0.000535 UJ	0.000658 U
ENDOSULFAN II	0.000426 UJ	0.000524 U
ENDOSULFAN SULFATE	0.000604 UJ	0.000744 U
ENDRIN	0.000683 UJ	0.000841 U
ENDRIN ALDEHYDE	0.000614 UJ	0.000756 U
GAMMA-BHC (LINDANE)	0.000505 UJ	0.000622 U
GAMMA-CHLORDANE	0.000465 UJ	0.000573 U
HEPTACHLOR	0.000604 UJ	0.000744 U
HEPTACHLOR EPOXIDE	0.000465 UJ	0.000573 U
METHOXYCHLOR	0.000752 UJ	0.000926 U
PENTACHLORONITROBENZENE	0.000495 UJ	0.000609 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 02
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1788	1817
Sample ID	1788SS0010006	1817SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II
Sample Date	20090116	20090115
Study Area	STUDY AREA 02	STUDY AREA 02
Premise ID	6301609054244	6302044108162
Likely Water Source	PUBLIC	PUBLIC
TOXAPHENE	0.00594 UJ	0.00731 U
Inorganics (MG/KG)		
ALUMINUM	24800	37600
ANTIMONY	0.801	1.36
ARSENIC	8.27	12
BARIUM	307	305
BERYLLIUM	2.4	4.07
CADMIUM	0.373	0.593
CHROMIUM	4.36	8.65
COBALT	5.67	6.4
COPPER	60.9	121
IRON	18400	21400
LEAD	48.1	126
MANGANESE	467	589
MERCURY	0.193	0.128
NICKEL	4.36	7.68
SELENIUM	0.186	0.158
SILVER	0.197	0.229
THALLIUM	1.42	1.16
TIN	4.9	6.17
VANADIUM	39.4	48
ZINC	92.8	149
Miscellaneous Parameters (MG/KG)		
CYANIDE	0.182 U	0.167 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 3

SOIL GAS DATA

WATER DATA

SOIL DATA

STUDY AREA 03
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0479	1989	2044	2045	2079	2106	2108	2111	2112	2140
Sample ID	0479SG001	1989SG001	2044SG001	2045SG001	2079SG001	2106SG001	2108SG001	2111SG001	2112SG001	2140SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090114	20090219	20090123	20090115	20090203	20090225	20090228	20090314	20090318	20090408
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 01
Premise ID	6312709602120	6366513820399	6339966206272	6340270302460	6112402402226	6337201102111	636653300212276	6340270302128	6338420302200	6340293002650
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)										
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.151 J	0.473	0.15 U	0.15 U	0.193 J	0.15 U	0.15 U	0.15 U	3.18	8.48
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.623	0.08 U	0.709	0.611	0.615	0.572	0.517	0.394	4.95	1.38
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	1.97	4.05	0.4 U	0.4 U	1.76	1.68	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 U	1.4	16.7 J	0.19 U	0.19 U	1.19	1.25	1.38	0.19 U	0.19 U
1,2,4-TRIMETHYLBENZENE	0.351	0.05 U	5.41	2.2	3.49	0.05 U	0.312	0.212	5.8	4.59
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 UR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.1 U	0.158 J	0.708	0.901	0.1 U	0.142 J	0.163 J	0.156 J	0.1 U	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.54	0.477	1.53	2.84	1.38	0.438	11.8	0.09 U	1.16	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	2.92	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.109 J	0.175 J	1.71	0.665	1.14	0.187 J	0.158 J	0.115 J	0.05 U	0.506 J
1,3-BUTADIENE	0.49 U	0.49 U	0.508 J	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.588 J	0.49 U
1,3-DICHLOROBENZENE	0.09 U	0.127 J	0.09 U	0.09 U	0.09 U	0.123 J	0.138 J	0.154 J	0.09 U	0.09 U
1,4-DICHLOROBENZENE	0.09 U	0.484	0.09 U	0.09 U	0.09 U	0.49	0.866	0.09 U	0.09 U	0.09 U
2-BUTANONE	2.19	0.701	6.69	23.3	27.3	1.26	0.941	0.865	60.5	0.972
ACETONE	17.6	3.89	71.2	163	36	9.43	5.52	4.01	269	6.72
ACETONITRILE	0.497 J	0.38 U	0.402 J	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	1.81	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.5 J
ACROLEIN	1.35	0.41 U	0.851 J	0.41 U	0.41 U	0.7 J	0.788 J	0.41 U	0.41 U	0.41 U
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.699	0.2 U
BENZENE	2.41	0.852	18.8	6.32	15.2	2.72	0.172 J	0.489	9.19	3.42
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	3.15	0.453	1.78	7.33	0.292	0.685	0.1 U	0.1 U	1.96	1.34
CARBON TETRACHLORIDE	0.13 U	0.13 U	0.13 U	0.398	0.13 U	0.13 U	0.13 U	0.13 U	0.161 J	0.13 U
CHLOROBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.692	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.541	1.87	0.374	0.16 J	0.11 U	0.11 U	0.117 J	1.27	1.84	43.1
CHLOROMETHANE	0.07 U	0.07 U	0.196 J	0.283	0.07 U	0.07 U	0.129 J	0.07 U	0.3	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.11 U	0.11 U	4.64	1.55	18.2	0.303	0.953	0.128 J	1.22	0.407
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2.18	1.72	2.44	2.31	2.99	0.18 U	8.51	1.06	7.19	6.49
ETHYLBENZENE	60.4	28.5	8.38	3.21	3.66	6.2	0.357	0.243 U	8.27	26.8
HEXACHLOROBUTADIENE	0.24 U	1.58	0.589	0.24 U	0.402 J	1.4	1.37	0.914	0.24 U	0.24 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	0.466	0.419	27.9	1.59	118	0.376	0.187 J	0.236 J	2.06	1.64
ISOBUTANOL	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.75 J	1.09	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.6	0.07 U	1.04	0.473	0.07 U	0.273	0.07 U	0.07 U	0.07 U	2.54 J
M+P-XYLENES	29.6	14.3	10.7	6.95	11.1	3.81	0.51	0.318 U	11.4	38
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.411	0.08 U	9.18	1.61	20.3	0.142 J	0.08 U	0.139 J	0.08 U	1.36
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	14.9	0.17 U
METHYLENE CHLORIDE	0.698	0.08 U	0.08 U	10.4	1.15	0.0891 J	0.08 U	0.08 U	0.319	0.08 U
O-XYLENE	10.4	5.96	5.19	2.57	4.8	1.66	0.253	0.164 U	0.06 U	17
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ
STYRENE	371	139	1.96	0.856	1.11	42.4	1.44	0.229	32.6	224
TETRACHLOROETHENE	4.87	20.2	7.49	3.24	2.99	4.67	2.02 J	1.45 U	157	19.5
TOLUENE	4.74	2.61	25.2	14.3	34.9	3.18	1.12	0.541 U	27.3	12.6
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	4.34	0.08 U
TRICHLOROFLUOROMETHANE	1.52	1.62	2.04	1.82	7.17	2.32	3.74	3.78	338	27.8
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 03
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0479	0479	0479	1989	2006	2030	2035	2035	2035	2044	2045	2065	2079	2106
Sample ID	0479TW001	0479TW001-AVG	0479TW001-D	1989TW001	2006TW001	2030TW001	2035TW001	2035TW001-AVG	2035TW001-D	2044TW001	2045TW001	2065TW001	2079TW001	2106TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL		RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090114	20090114	20090114	20090219	20090126	20081126	20090120	20090120	20090120	20090123	20090115	20090121	20090203	20090225
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID	6312709602120	6312709602120	6312709602120	6366513820399	6300976004174	6305909018162	6336601504632	6336601504632	6336601504632	6339966206272	6340270302460	6304128004144	6112402402226	6337201102111
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)														
1,2,3,4,6,7,8,9-OCDD	0.0083 U	0.0064 U	0.0045 U	0.0044 U	0.0044 U	0.0044 U	0.005 U	0.00525 U	0.0055 U	0.0034 U	0.0039 UJ	0.0033 U	0.0032 U	0.0047 U
1,2,3,4,6,7,8,9-OCDF	0.00083 U	0.000915 U	0.001 U	0.00075 U	0.0013 U	0.0027 U	0.0027 U	0.002268 U	0.001835 U	0.001514 U	0.00087 U	0.001336 U	0.00063 U	0.001 U
1,2,3,4,6,7,8-HPCDD	0.0026 U	0.00215 U	0.0017 U	0.0023 U	0.0015 U	0.0014 U	0.0019 U	0.0019 U	0.0019 U	0.0014 U	0.0022 U	0.0022 U	0.0024 U	0.002 U
1,2,3,4,6,7,8-HPCDF	0.00039 U	0.000455 U	0.00052 U	0.0016 U	0.00086 U	0.00064 U	0.0016 U	0.001185 U	0.00077 U	0.00058 U	0.000571 U	0.00084 U	0.0011 U	0.0014 U
1,2,3,4,7,8,9-HPCDF	0.00034 J	0.00034 J	0.000344 U	0.00054 U	0.00027 U	0.0004 J	0.00064 U	0.000622 U	0.000603 U	0.00048 U	0.00075 U	0.00024 J	0.00028 U	0.00042 U
1,2,3,4,7,8-HXCDD	0.000441 U	0.00039 J	0.00039 J	0.00029 U	0.00029 U	0.00055 U	0.00069 U	0.000502 U	0.000313 U	0.000403 U	0.000471 U	0.00053 U	0.00013 U	0.000391 U
1,2,3,4,7,8-HXCDF	0.00032 J	0.00032 J	0.00032 J	0.00044 U	0.00027 U	0.00021 U	0.00031 U	0.00031 U	0.00031 U	0.000303 U	0.00035 U	0.00031 U	0.00018 U	0.00027 U
1,2,3,6,7,8-HXCDD	0.00061 U	0.000615 U	0.00062 U	0.00044 U	0.00025 U	0.00045 U	0.00059 U	0.00043 U	0.00027 U	0.000353 U	0.00042 U	0.000453 U	0.00013 U	0.000342 U
1,2,3,6,7,8-HXCDF	0.00029 U	0.00039 U	0.00049 U	0.00039 U	0.00025 U	0.00019 U	0.00028 J	0.000208 J	0.00027 U	0.000252 U	0.0003 U	0.000262 U	0.00015 U	0.00034 U
1,2,3,7,8,9-HXCDD	0.00042 U	0.00043 U	0.00044 U	0.00022 U	0.00027 U	0.000474 U	0.00061 U	0.00044 U	0.00027 U	0.000353 U	0.0004 U	0.000453 U	0.00013 U	0.000342 U
1,2,3,7,8,9-HXCDF	0.00027 U	0.000295 U	0.00032 U	0.00049 U	0.00032 U	0.00024 U	0.00036 U	0.00036 U	0.00036 U	0.000353 U	0.0004 U	0.00036 U	0.000201 U	0.000244 U
1,2,3,7,8-PECDD	0.000761 U	0.000553 U	0.000344 U	0.00056 U	0.00086 U	0.00097 J	0.000814 U	0.000818 U	0.000821 U	0.000883 U	0.0005 U	0.000811 U	0.000351 U	0.00047 U
1,2,3,7,8-PECDF	0.00047 J	0.000345 J	0.00022 J	0.00017 U	0.00049 U	0.00045 U	0.00056 U	0.00057 U	0.00058 U	0.000202 U	0.00045 J	0.00067 U	0.00023 U	0.00015 U
2,3,4,6,7,8-HXCDF	0.00022 U	0.00026 U	0.0003 U	0.0012 U	0.00027 U	0.00021 U	0.00031 J	0.00031 J	0.000313 U	0.000303 U	0.00035 U	0.00031 U	0.00018 U	0.00022 U
2,3,4,7,8-PECDF	0.001 J	0.00055 J	0.0002 U	0.00034 U	0.00059 U	0.00047 U	0.0011 U	0.00089 U	0.00068 U	0.0005 U	0.0003 J	0.00076 U	0.0003 U	0.00088 U
2,3,7,8-TCDD	0.00039 J	0.000465 J	0.00054 J	0.00044 U	0.00027 U	0.00024 U	0.00061 U	0.000645 U	0.00068 U	0.000252 U	0.000372 J	0.00036 U	0.000251 U	0.000342 U
2,3,7,8-TCDF	0.00049 J	0.00044 J	0.00039 J	0.00046 U	0.00022 U	0.00024 U	0.00041 U	0.000385 U	0.00036 U	0.00056 U	0.00035 J	0.000214 U	0.00093 U	0.00029 U
TEQ	0.000789	0.000723	0.000657	0.00044 U	0.00027 U	0.000974	0.000059	0.000059	0.00068 U	0.000252 U	0.000511	0.0000024	0.000251 U	0.000342 U
TOTAL HPCDD	0.0037 J	0.00315 J	0.0026 J	0.0023 J	0.0015 J	0.0014 J	0.0019 J	0.0019 J	0.0019 J	0.0014 J	0.0028 J	0.0022 J	0.0032 J	0.0061 J
TOTAL HPCDF	0.0013 J	0.00125 J	0.0012 J	0.003 J	0.00098 J	0.001 J	0.0035 J	0.002025 J	0.0011 U	0.00098 J	0.001316 U	0.002 J	0.0011 J	0.0015 J
TOTAL HXCDD	0.0012 J	0.00135 J	0.0015 J	0.00088 J	0.00081 U	0.0015 U	0.0019 U	0.001375 U	0.00085 U	0.00111 U	0.0013 U	0.001431 U	0.00038 U	0.0011 U
TOTAL HXCDF	0.00093 J	0.001115 J	0.0013 J	0.0019 J	0.0011 U	0.000853 U	0.001221 J	0.001221 J	0.0013 U	0.001211 U	0.0014 U	0.001241 U	0.000703 U	0.000881 U
TOTAL PECDD	0.000761 U	0.000553 U	0.000344 U	0.00056 U	0.00086 U	0.00097 J	0.000814 U	0.000818 U	0.000821 U	0.000883 U	0.0005 J	0.000811 U	0.000351 U	0.00047 U
TOTAL PECDF	0.0015 J	0.000947 J	0.000393 J	0.00044 J	0.00101 U	0.0009 U	0.0015 J	0.00105 J	0.0012 U	0.00061 J	0.00075 J	0.001336 U	0.000452 J	0.00093 J
TOTAL TCDD	0.00081 U	0.000753 J	0.0011 J	0.001314 U	0.00081 U	0.000711 U	0.001832 U	0.00193 U	0.002028 U	0.00076 U	0.001117 U	0.0011 U	0.000753 U	0.001028 U
TOTAL TCDF	0.00061 J	0.000565 J	0.00052 J	0.00073 J	0.00044 U	0.00038 U	0.00061 J	0.00063 J	0.00065 J	0.00066 J	0.00065 J	0.00043 U	0.0013 J	0.00049 J
Volatile Organics (UG/L)														
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.05 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.109 J	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.312 J	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.08 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 UR	0.08 UR	0.08 UR	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 UJ	2 UJ	2 UJ	2 U	2 U	1.6 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.1 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	0.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.05 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.161 J	0.1055 J	0.1 U	0.1 U	0.158 J	0.282 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.151 J	0.1 U	0.1 U
BROMOFORM	1.33	1.32	1.31	0.356 J	0.594 J	3.45	4.95	5.04	5.13	0.06 U	1.6	5.41	2.66	0.06 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.37 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.972	0.9575	0.943	0.188 J	0.241 J	0.922	0.1 U	0.1 U	0.1 U	0.1 U	0.135 J	0.766	0.489 J	0.1 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 03
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0479	0479	0479	1989	2006	2030	2035	2035	2035	2044	2045	2065	2079	2106
Sample ID	0479TW001	0479TW001-AVG	0479TW001-D	1989TW001	2006TW001	2030TW001	2035TW001	2035TW001-AVG	2035TW001-D	2044TW001	2045TW001	2065TW001	2079TW001	2106TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL		RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090114	20090114	20090114	20090219	20090126	20081126	20090120	20090120	20090120	20090123	20090115	20090121	20090203	20090225
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID	6312709602120	6312709602120	6312709602120	6366513820399	6300976004174	6305909018162	6336601504632	6336601504632	6336601504632	6339966206272	6340270302460	6304128004144	6112402402226	6337201102111
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.18 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.09 U	0.09 U	0.09 U	0.09 U	0.132 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.311	0.09 U	0.09 U
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.226 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.34 J	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.12 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.06 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.69 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.05 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.04 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 UR	0.08 UR	0.08 UR	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.209 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.385 J	0.1 U	0.1 U
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.575 J	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.913 J	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Semivolatile Organics (UG/L)														
1,1-BIPHENYL	0.197 U	0.194 U	0.191 U		0.202 J	0.193 U	0.199 U	0.196 U	0.193 U	0.202 U	0.198 UJ	0.191 U		
1,2,4,5-TETRACHLOROBENZENE	0.197 U	0.194 U	0.191 U		0.199 U	0.193 U	0.199 U	0.196 U	0.193 U	0.202 U	0.198 UJ	0.191 U		
2,3,4,6-TETRACHLOROPHENOL	0.296 UR	0.2915 UR	0.287 UR		0.303 J	0.289 UJ	0.298 UR	0.294 UR	0.29 UR	0.303 UR	0.297 UJ	0.286 UR		
2,4,5-TRICHLOROPHENOL	0.493 UR	0.4855 UR	0.478 UR		0.616 J	0.482 UJ	0.497 UR	0.49 UR	0.483 UR	0.506 UR	0.496 UJ	0.477 UR		
2,4,6-TRICHLOROPHENOL	0.493 UR	0.4855 UR	0.478 UR		0.601 J	0.482 UJ	0.497 UR	0.49 UR	0.483 UR	0.506 UR	0.496 UJ	0.477 UR		
2,4-DICHLOROPHENOL	0.69 UR	0.6795 UR	0.669 UR		0.695 U	0.675 UJ	0.712 J	0.712 J	0.676 UR	0.708 UR	0.694 UJ	0.668 UR		
2,4-DIMETHYLPHENOL	0.986 UR	0.971 UR	0.956 UR		0.993 U	0.964 UJ	0.995 UR	0.9805 UR	0.966 UR	1.01 UR	0.992 UJ	0.954 UR		
2,4-DINITROPHENOL	0.296 UR	0.2915 UR	0.287 UR		0.298 U	0.289 UJ	0.298 UR	0.294 UR	0.29 UR	0.303 UR	0.297 UJ	0.286 UR		
2,4-DINITROTOLUENE	0.986 U	0.971 U	0.956 U		0.993 U	0.964 U	0.995 U	0.9805 U	0.966 U	1.01 U	0.992 UJ	0.954 U		
2,6-DICHLOROPHENOL	0.789 UR	0.777 UR	0.765 UR		0.794 U	0.772 UJ	0.796 UR	0.7845 UR	0.773 UR	0.809 UR	0.793 UJ	0.763 UR		
2,6-DINITROTOLUENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
2-CHLORONAPHTHALENE	0.197 U	0.194 U	0.191 U		0.199 U	0.193 U	0.199 U	0.196 U	0.193 U	0.202 U	0.198 UJ	0.191 U		
2-CHLOROPHENOL	0.888 UR	0.874 UR	0.86 UR		0.894 U	0.868 UJ	0.895 UR	0.8825 UR	0.87 UR	0.91 UR	0.892 UJ	0.859 UR		
2-METHYLNAPHTHALENE	0.197 U	0.194 U	0.191 U		0.199 U	0.193 U	0.199 U	0.196 U	0.193 U	0.202 U	0.198 UJ	0.191 U		
2-METHYLPHENOL	0.69 UR	0.6795 UR	0.669 UR		0.695 U	0.675 UJ	0.696 UR	0.686 UR	0.676 UR	0.708 UR	0.694 UJ	0.668 UR		
2-NITROPHENOL	0.888 UR	0.874 UR	0.86 UR		0.894 U	0.868 UJ	0.895 UR	0.8825 UR	0.87 UR	0.91 UR	0.892 UJ	0.859 UR		
3&4-METHYLPHENOL	1.18 UR	1.165 UR	1.15 UR		1.19 U	1.16 UJ	1.19 UR	1.175 UR	1.16 UR	1.21 UR	1.19 UJ	1.14 UR		
3-NITROANILINE	0.986 U	0.971 U	0.956 U		0.993 U	0.964 U	0.995 U	0.9805 U	0.966 U	1.01 U	0.992 UJ	0.954 U		
4,6-DINITRO-2-METHYLPHENOL	0.197 UR	0.194 UR	0.191 UR		0.199 U	0.193 UJ	0.199 UR	0.196 UR	0.193 UR	0.202 UR	0.198 UJ	0.191 UR		
4-BROMOPHENYL PHENYL ETHER	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
4-CHLORO-3-METHYLPHENOL	0.592 UR	0.583 UR	0.574 UR		0.596 U	0.579 UJ	0.597 UR	0.5885 UR	0.58 UR	0.607 UR	0.595 UJ	0.572 UR		
4-CHLOROANILINE	0.986 U	0.971 U	0.956 U		0.993 U	0.964 U	0.995 U	0.9805 U	0.966 U	1.01 U	0.992 UJ	0.954 U		
4-NITROANILINE	0.986 UJ	0.971 UJ	0.956 UJ		0.993 U	0.964 U	0.995 U	0.9805 U	0.966 U	1.01 U	0.992 UJ	0.954 U		
4-NITROPHENOL	0.296 UR	0.2915 UR	0.287 UR		0.298 U	0.289 UJ	0.298 UR	0.294 UR	0.29 UR	0.303 UR	0.297 UJ	0.286 UR		
ACENAPHTHENE	0.0986 U	0.0971 U	0.0956 U		0.185 J	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
ACENAPHTHYLENE	0.0986 U	0.0971 U	0.0956 U		0.171 J	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
ANILINE	0.986 U	0.971 U	0.956 U		0.993 U	0.964 U	0.995 U	0.9805 U	0.966 U	1.01 U	0.992 UJ	0.954 U		
ANTHRACENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
ATRAZINE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
BAP EQUIVALENT	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 U	0.0954 U		
BENZO(A)ANTHRACENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
BENZO(A)PYRENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
BENZO(B)FLUORANTHENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
BENZO(G,H,I)PERYLENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
BENZO(K)FLUORANTHENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
BIS(2-ETHYLHEXYL)PHTHALATE	1.38 U	1.36 U	1.34 U		1.39 U	1.73 U	1.39 U	1.37 U	1.35 U	1.42 U	1.39 UJ	1.34 U		
BUTYL BENZYL PHTHALATE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
CARBAZOLE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 UJ	0.0992 UJ	0.0954 U		
CHRYSENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
DI-N-BUTYL PHTHALATE	1.28 U	1.26 U	1.24 U		1.29 U	1.25 U	1.29 U	1.275 U	1.26 U	1.31 U	1.29 UJ	1.24 U		
DI-N-OCTYL PHTHALATE	0.197 U	0.194 U	0.191 U		0.199 U	0.193 U	0.199 U	0.196 U	0.193 U	0.202 U	0.198 UJ	0.191 U		

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 03
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0479	0479	0479	1989	2006	2030	2035	2035	2035	2044	2045	2065	2079	2106
Sample ID	0479TW001	0479TW001-AVG	0479TW001-D	1989TW001	2006TW001	2030TW001	2035TW001	2035TW001-AVG	2035TW001-D	2044TW001	2045TW001	2065TW001	2079TW001	2106TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL		RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090114	20090114	20090114	20090219	20090126	20081126	20090120	20090120	20090120	20090123	20090115	20090121	20090203	20090225
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID	6312709602120	6312709602120	6312709602120	6366513820399	6300976004174	6305909018162	6336601504632	6336601504632	6336601504632	6339966206272	6340270302460	6304128004144	6112402402226	6337201102111
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
DIBENZO(A,H)ANTHRACENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
DIBENZOFURAN	0.0986 U	0.0971 U	0.0956 U		0.192 J	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
DIETHYL PHTHALATE	0.197 U	0.194 U	0.191 U		0.199 U	0.193 U	0.199 U	0.196 U	0.193 U	0.202 U	0.198 UJ	0.191 U		
DIMETHYL PHTHALATE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
DIPHENYLAMINE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
FLUORANTHENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
FLUORENE	0.0986 U	0.0971 U	0.0956 U		0.143 J	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
HEXACHLOROBENZENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
HEXACHLOROBUTADIENE	0.197 U	0.194 U	0.191 U		0.199 U	0.193 U	0.199 U	0.196 U	0.193 U	0.202 U	0.198 UJ	0.191 U		
HEXACHLOROCYCLOPENTADIENE	0.986 UJ	0.971 UJ	0.956 UJ		0.993 U	0.964 U	0.995 U	0.9805 U	0.966 U	1.01 UJ	0.992 UJ	0.954 U		
HEXACHLOROETHANE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
INDENO(1,2,3-CD)PYRENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
NAPHTHALENE	0.197 U	0.194 U	0.191 U		0.199 U	0.193 U	0.199 U	0.196 U	0.193 U	0.202 U	0.198 UJ	0.191 U		
NITROBENZENE	0.197 U	0.194 U	0.191 U		0.199 U	0.193 U	0.199 U	0.196 U	0.193 U	0.202 U	0.198 UJ	0.191 U		
O-TOLUIDINE	0.69 UJ	0.6795 UJ	0.669 U		0.695 U	0.675 U	0.696 U	0.686 U	0.676 U	0.708 U	0.694 UJ	0.668 U		
PENTACHLOROBENZENE	0.197 U	0.194 U	0.191 U		0.237 J	0.193 U	0.199 U	0.196 U	0.193 U	0.202 U	0.198 UJ	0.191 U		
PENTACHLOROPHENOL	0.296 UR	0.2915 UR	0.287 UR		0.298 U	0.289 UJ	0.298 UR	0.294 UR	0.29 UR	0.303 UR	0.297 UJ	0.286 UR		
PHENANTHRENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
PHENOL	0.986 UR	0.971 UR	0.956 UR		0.993 U	0.964 UR	0.995 UR	0.9805 UR	0.966 UR	1.01 UR	0.992 UJ	0.954 UR		
PYRENE	0.0986 U	0.0971 U	0.0956 U		0.0993 U	0.0964 U	0.0995 U	0.09805 U	0.0966 U	0.101 U	0.0992 UJ	0.0954 U		
Pesticides/PCBs (UG/L)														
4,4'-DDD	0.00306 U	0.00303 U	0.003 U		0.00319 U	0.00311 UJ	0.00315 U	0.003115 U	0.00308 U	0.00316 U	0.00308 U	0.00317 U		
4,4'-DDE	0.00204 U	0.00202 U	0.002 U		0.00213 U	0.00207 U	0.0021 U	0.002075 U	0.00205 U	0.00211 U	0.00206 U	0.00211 U		
4,4'-DDT	0.00612 U	0.006055 U	0.00599 U		0.00639 U	0.00621 U	0.0063 U	0.00623 U	0.00616 U	0.00633 UJ	0.00617 U	0.00634 U		
ALDRIN	0.00204 U	0.00202 U	0.002 U		0.00213 U	0.00207 U	0.0021 U	0.002075 U	0.00205 U	0.00211 U	0.00206 U	0.00211 U		
ALPHA-BHC	0.00306 U	0.00303 U	0.003 U		0.00319 U	0.00311 U	0.00315 U	0.003115 U	0.00308 U	0.00316 U	0.00308 U	0.00317 U		
ALPHA-CHLORDANE	0.00306 U	0.00303 U	0.003 U		0.00319 U	0.00311 U	0.00315 U	0.003115 U	0.00308 U	0.00316 U	0.00308 U	0.00317 U		
AROCLOR-1016	0.0204 U	0.0202 U	0.02 U		0.0213 U	0.0207 U	0.021 U	0.02075 U	0.0205 U	0.0211 U	0.0206 U	0.0211 U		
AROCLOR-1221	0.0204 U	0.0202 U	0.02 U		0.0213 U	0.0207 U	0.021 U	0.02075 U	0.0205 U	0.0211 U	0.0206 U	0.0211 U		
AROCLOR-1232	0.0204 U	0.0202 U	0.02 U		0.0213 U	0.0207 U	0.021 U	0.02075 U	0.0205 U	0.0211 U	0.0206 U	0.0211 U		
AROCLOR-1242	0.0204 U	0.0202 U	0.02 U		0.0213 U	0.0207 U	0.021 U	0.02075 U	0.0205 U	0.0211 U	0.0206 U	0.0211 U		
AROCLOR-1248	0.0204 U	0.0202 U	0.02 U		0.0213 U	0.0207 U	0.021 U	0.02075 U	0.0205 U	0.0211 U	0.0206 U	0.0211 U		
AROCLOR-1254	0.0204 U	0.0202 U	0.02 U		0.0213 U	0.0207 U	0.021 U	0.02075 U	0.0205 U	0.0211 U	0.0206 U	0.0211 U		
AROCLOR-1260	0.0204 U	0.0202 U	0.02 U		0.0213 U	0.0207 U	0.021 U	0.02075 U	0.0205 U	0.0211 U	0.0206 U	0.0211 U		
BETA-BHC	0.00204 U	0.00202 U	0.002 U		0.00213 U	0.00207 U	0.0021 U	0.002075 U	0.00205 U	0.00211 U	0.00206 U	0.00211 U		
DELTA-BHC	0.00102 U	0.00101 U	0.000999 U		0.00106 U	0.00104 U	0.00105 U	0.00104 U	0.00103 U	0.00105 UJ	0.00103 U	0.00106 U		
DIELDRIN	0.00306 U	0.00303 U	0.003 U		0.00319 U	0.00311 U	0.00315 U	0.003115 U	0.00308 U	0.00316 U	0.00308 U	0.00317 U		
ENDOSULFAN I	0.00306 U	0.00303 U	0.003 U		0.00319 U	0.00311 U	0.00315 U	0.003115 U	0.00308 U	0.00316 U	0.00308 U	0.00317 U		
ENDOSULFAN II	0.00204 U	0.00202 U	0.002 U		0.00213 U	0.00207 UJ	0.0021 U	0.002075 U	0.00205 U	0.00211 U	0.00206 U	0.00211 U		
ENDOSULFAN SULFATE	0.00714 U	0.007065 U	0.00699 U		0.00745 U	0.00725 UJ	0.00735 U	0.00727 U	0.00719 U	0.00738 U	0.00719 U	0.0074 U		
ENDRIN	0.00204 U	0.00202 U	0.002 U		0.00213 U	0.00207 U	0.0021 U	0.002075 U	0.00205 U	0.00211 UJ	0.00206 U	0.00211 U		
ENDRIN ALDEHYDE	0.00204 U	0.00202 U	0.002 U		0.00213 U	0.00207 UJ	0.0021 U	0.002075 U	0.00205 U	0.00211 U	0.00206 U	0.00211 U		
GAMMA-BHC (LINDANE)	0.00102 U	0.00101 U	0.000999 U		0.00106 U	0.00104 U	0.00105 U	0.00104 U	0.00103 U	0.00105 U	0.00103 U	0.00106 U		
GAMMA-CHLORDANE	0.00204 U	0.00202 U	0.002 U		0.00213 U	0.00207 U	0.0021 U	0.002075 U	0.00205 U	0.00211 U	0.00206 U	0.00211 U		
HEPTACHLOR	0.00408 U	0.00404 U	0.004 U		0.00426 U	0.00414 U	0.0042 U	0.004155 U	0.00411 U	0.00422 UJ	0.00411 U	0.00423 U		
HEPTACHLOR EPOXIDE	0.00408 U	0.00404 U	0.004 U		0.00426 U	0.00414 UJ	0.0042 U	0.004155 U	0.00411 U	0.00422 U	0.00411 U	0.00423 U		
METHOXYCHLOR	0.00306 U	0.00303 U	0.003 U		0.00319 U	0.00311 U	0.00315 U	0.003115 U	0.00308 U	0.00316 U	0.00308 U	0.00317 U		
PENTACHLORONITROBENZENE	0.00306 U	0.00303 U	0.003 U		0.00319 U	0.00311 UJ	0.00315 U	0.003115 U	0.00308 U	0.00316 U	0.00308 U	0.00317 U		
TOXAPHENE	0.0102 U	0.010095 U	0.00999 U		0.0106 U	0.0104 U	0.0105 U	0.0104 U	0.0103 U	0.0105 U	0.0103 U	0.0106 U		
Radiological Parameters (PCI/L)														
GROSS ALPHA	2.7	2.85	3	2.43 U	1.4 U	1.9	1.4 U	1.5 U	1.6 U	1.4 U	3.2	1.9	1.6 U	2.93 U
GROSS BETA	10.5	10.25	10	1.75 U	5.1 U	14.6	6.5	4.8	6.2 U	4.9 U	7.3	17.6	6.5	2.68 U
RADIUM-228														
STRONTIUM-90														
Inorganics (UG/L)														
ALUMINUM	22.1	21.85	21.6	2.2 U	5.38	7.05	2.94	2.77	2.6	5.17	2.35	2.2 U	3.86	6.64
ANTIMONY	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.193	0.373	0.488	0.14 U
ARSENIC	1.9	2.265	2.63	1.91	5.33	6.38	6.67	6.72	6.77	2.78	2.72	8.74	3.85	6.02
BARIUM	13.5	13.25	13	5.7	12.6	17.8	16.8	16.9	17	6.43	8.65	18.7	16.4	15.1
BERYLLIUM	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.0311	0.03 U	0.03 U
CADMIUM	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.386	0.04 U	0.376	0.04 U
CALCIUM	59.2	59.7	60.2	48.4	96	126	120	119.5	119	49.8	54.8	126	119	111
CHROMIUM	0.306 U	0.38 U	0.454 U	0.377	0.777	1.4 U	0.15 U	0.15 U	0.15 U	0.15 U	0.507	0.15 U	2.48	1.08 U
COBALT	0.0302	0.03135	0.0325	0.157	0.033	0.1	0.798	0.8025	0.807	0.03 U	0.074	0.188	0.12	0.03 U
COPPER	13.9 J	14 J	14.1 J	18.5	23.8	126	219	202	185	44.3	154	14.5	160	8.09
IRON	16.5	14.9	13.3	48.8	4.7 U	61.4	27.7	27.35	27	4.7 U	20.4	29.5	66.6	16.1

NA-Not Available
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R-Rejected value

STUDY AREA 03
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0479	0479	0479	1989	2006	2030	2035	2035	2035	2044	2045	2065	2079	2106
Sample ID	0479TW001	0479TW001-AVG	0479TW001-D	1989TW001	2006TW001	2030TW001	2035TW001	2035TW001-AVG	2035TW001-D	2044TW001	2045TW001	2065TW001	2079TW001	2106TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL		RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090114	20090114	20090114	20090219	20090126	20081126	20090120	20090120	20090120	20090123	20090115	20090121	20090203	20090225
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID	6312709602120	6312709602120	6312709602120	6366513820399	6300976004174	6305909018162	6336601504632	6336601504632	6336601504632	6339966206272	6340270302460	6304128004144	6112402402226	6337201102111
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
LEAD	1.2	1.24	1.28	0.85	0.898	2.85	2.62	2.37	2.12	0.57	7.18	0.868	25.1	1.03
MAGNESIUM	9.5	9.57	9.64	5.85	23.2	28.6	23.6	23.6	23.6	5.99	7.84	29.3	21.9	26.3
MANGANESE	1.41	1.955	2.5	2.85	0.388	35.1	5.36 J	4.27 J	3.18 J	5.59	10.5	7.97	1.87	2.55
MERCURY	0.015 U	0.015 U	0.015 U	0.022	0.024	0.015 U	0.041	0.042	0.043	0.044	0.016	0.042	0.022	0.016
NICKEL	1.38 J	1.45 J	1.52 J	2.42	0.697 J	5.97	5.33 J	8.115 J	10.9 J	0.785	4	15	61.1	1.12
POTASSIUM	3.99	3.95	3.91	0.945	1.14	9.49	6.59	6.665	6.74	0.826	0.86	17.2	6.9	2
SELENIUM	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.236	0.227 U	0.218 U	0.209 U	0.2 U	0.2 U	0.376 U	0.31	0.2 U
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	6.25	6.37	6.49	3.17	4.17	22.4	45.4	45.9	46.4	3.27	2.36	34.3	21.8	6.34
THALLIUM	0.36 U	0.20575 U	0.0515 U	0.118 U	0.04 U	0.17 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
TIN	0.144	0.136	0.128	0.27	0.1 U	0.293	0.136 U	0.1485 U	0.161 U	1.37	0.135	0.1 U	10.2	2.49
URANIUM	1.04	1.025	1.01	1.34	0.883	2.93	2.1	2.115	2.13	0.22	0.374	4.98	1.37	0.889
VANADIUM	2.37	1.72	1.07	1 U	1.34	2.64	2.77 J	2.405 J	2.04 J	1 U	1 U	3.66	2.88	1.46
ZINC	24.2 J	23.6 J	23 J	272	62.6 J	86.7	65.2	64.05	62.9	66.2	1560	70.3	1300	18.2
Microbiological Parameters														
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)														
CHLORIDE	9.99	9.855	9.72	5.08	7.08	35.2	102	100.8	99.6	5.23	6.14	61.3	41	10.5
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.339	0.267	0.2815	0.296	0.2 U	0.2 U	0.549	0.37	0.2 U
NITRATE	6.31	6.27	6.23	2.57	3.08	14.4	4.65	4.635	4.62	2.31 J	2.51	26.6	9.97	3.37
NITRITE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
PHOSPHATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U
SULFATE	7.09	7.005	6.92	2.29	7.87	31.2	19.7	19.6	19.5	2.19	3.2	47.9	12.9	8.63
Field Parameters														
CHLORINE (MG/L)	0.1	0.1		0.06	0.12	0.13	0.25	0.25		0.08	0.03		0.1	0.08
DISSOLVED OXYGEN (MG/L)	9.36	9.36		11.72	7.85	10.3	8.21	8.21		8.53	9.71	9.87	7.96	9.75
OXIDATION REDUCTION POTENTIAL (MV)	513	513		471	606	391	637	637		617	349	504	562	603
PH (S.U.)	7.57	7.57		7.97	7.28	7.2	6.88	6.88		7.12	7.21	7.42	7.11	7.28
SALINITY (%)	0	0		0	0	0.1	0	0		0	0	0	0	0
SPECIFIC CONDUCTANCE (MS/CM)	0.457	0.457		0.299	0.67	1	1.07	1.07		0.32	0.397	1.07	0.893	0.746
TEMPERATURE (C)	11.71	11.71		9.56	13.92	12.17	15.72	15.72		12.05	11.46	13.77	13.66	12.51
TOTAL DISSOLVED SOLIDS						0.6								
TURBIDITY (NTU)	9.39			0	5	0	19.1	19.1		0	18.5	15.6	0	15.2

NA-Not Available
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STUDY AREA 03
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	2108	2111	2112	2140
Sample ID	2108TW001	2111TW001	2112TW001	2140TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090228	20090314	20090318	20090408
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 01
Premise ID	636653300212276	6340270302128	6338420302200	6340293002650
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)				
1,2,3,4,6,7,8,9-OCDD	0.0024 U	0.0028 U	0.0047 U	0.0059 U
1,2,3,4,6,7,8,9-OCDF	0.00038 U	0.00024 U	0.00067 U	0.00099 U
1,2,3,4,6,7,8-HPCDD	0.0013 U	0.0012 U	0.0019 U	0.0015 U
1,2,3,4,6,7,8-HPCDF	0.00072 U	0.00036 U	0.00036 U	0.00048 U
1,2,3,4,7,8,9-HPCDF	0.00026 J	0.00036 U	0.00018 U	0.00039 U
1,2,3,4,7,8-HXCDD	0.000501 U	0.00024 U	0.00023 U	0.000531 U
1,2,3,4,7,8-HXCDF	0.000262 U	0.000143 U	0.00021 U	0.00027 J
1,2,3,6,7,8-HXCDD	0.00043 U	0.00019 U	0.00026 U	0.00044 U
1,2,3,6,7,8-HXCDF	0.00024 U	0.00012 U	0.00021 U	0.000193 U
1,2,3,7,8,9-HXCDD	0.000453 U	0.000214 U	0.00031 U	0.00046 U
1,2,3,7,8,9-HXCDF	0.00029 U	0.00033 U	0.00051 U	0.000241 U
1,2,3,7,8-PECDD	0.0006 U	0.00036 U	0.00098 U	0.0008 U
1,2,3,7,8-PECDF	0.00017 U	0.00024 U	0.00026 U	0.00041 U
2,3,4,6,7,8-HXCDF	0.000262 U	0.000143 U	0.00031 U	0.000241 U
2,3,4,7,8-PECDF	0.00033 U	0.0005 U	0.00049 U	0.00077 U
2,3,7,8-TCDD	0.00024 J	0.000262 U	0.00028 J	0.00029 U
2,3,7,8-TCDF	0.00017 U	0.00021 U	0.00049 U	0.00039 U
TEQ	0.000243	0.000262 U	0.00028	0.000027
TOTAL HPCDD	0.0013 J	0.0012 J	0.0019 J	0.0022 J
TOTAL HPCDF	0.00095 J	0.000644 U	0.00051 J	0.00087 J
TOTAL HXCDD	0.0014 U	0.000644 U	0.0008 J	0.001426 U
TOTAL HXCDF	0.001049 U	0.00074 J	0.0012 J	0.00092 U
TOTAL PECDD	0.0006 U	0.00036 U	0.00098 U	0.0008 U
TOTAL PECDF	0.00041 J	0.0006 J	0.0007 J	0.0012 J
TOTAL TCDD	0.00067 J	0.00079 U	0.00095 J	0.00087 U
TOTAL TCDF	0.000334 U	0.00031 J	0.00062 J	0.00048 J
Volatile Organics (UG/L)				
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 UJ	2 U	2 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U
BROMOFORM	1.34	0.06 U	0.06 U	0.06 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.1 U	0.1 U	0.1 U	0.1 U

NA-Not Available
J-Estimated value
U-Not detected at that value
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Location	2108	2111	2112	2140
Sample ID	2108TW001	2111TW001	2112TW001	2140TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090228	20090314	20090318	20090408
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 01
Premise ID	636653300212276	6340270302128	6338420302200	6340293002650
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.09 U	0.09 U	0.09 U	2.29
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 U	0.396 J
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.889 J
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.168 J
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U
Semivolatile Organics (UG/L)				
1,1-BIPHENYL				
1,2,4,5-TETRACHLOROBENZENE				
2,3,4,6-TETRACHLOROPHENOL				
2,4,5-TRICHLOROPHENOL				
2,4,6-TRICHLOROPHENOL				
2,4-DICHLOROPHENOL				
2,4-DIMETHYLPHENOL				
2,4-DINITROPHENOL				
2,4-DINITROTOLUENE				
2,6-DICHLOROPHENOL				
2,6-DINITROTOLUENE				
2-CHLORONAPHTHALENE				
2-CHLOROPHENOL				
2-METHYLNAPHTHALENE				
2-METHYLPHENOL				
2-NITROPHENOL				
3&4-METHYLPHENOL				
3-NITROANILINE				
4,6-DINITRO-2-METHYLPHENOL				
4-BROMOPHENYL PHENYL ETHER				
4-CHLORO-3-METHYLPHENOL				
4-CHLOROANILINE				
4-NITROANILINE				
4-NITROPHENOL				
ACENAPHTHENE				
ACENAPHTHYLENE				
ANILINE				
ANTHRACENE				
ATRAZINE				
BAP EQUIVALENT				
BENZO(A)ANTHRACENE				
BENZO(A)PYRENE				
BENZO(B)FLUORANTHENE				
BENZO(G,H,I)PERYLENE				
BENZO(K)FLUORANTHENE				
BIS(2-ETHYLHEXYL)PHTHALATE				
BUTYL BENZYL PHTHALATE				
CARBAZOLE				
CHRYSENE				
DI-N-BUTYL PHTHALATE				
DI-N-OCTYL PHTHALATE				

NA-Not Available
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STUDY AREA 03
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	2108	2111	2112	2140
Sample ID	2108TW001	2111TW001	2112TW001	2140TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090228	20090314	20090318	20090408
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 01
Premise ID	636653300212276	6340270302128	6338420302200	6340293002650
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC
DIBENZO(A,H)ANTHRACENE				
DIBENZOFURAN				
DIETHYL PHTHALATE				
DIMETHYL PHTHALATE				
DIPHENYLAMINE				
FLUORANTHENE				
FLUORENE				
HEXACHLOROBENZENE				
HEXACHLOROBUTADIENE				
HEXACHLOROCYCLOPENTADIENE				
HEXACHLOROETHANE				
INDENO(1,2,3-CD)PYRENE				
NAPHTHALENE				
NITROBENZENE				
O-TOLUIDINE				
PENTACHLOROBENZENE				
PENTACHLOROPHENOL				
PHENANTHRENE				
PHENOL				
PYRENE				
Pesticides/PCBs (UG/L)				
4,4'-DDD				
4,4'-DDE				
4,4'-DDT				
ALDRIN				
ALPHA-BHC				
ALPHA-CHLORDANE				
AROCLOR-1016				
AROCLOR-1221				
AROCLOR-1232				
AROCLOR-1242				
AROCLOR-1248				
AROCLOR-1254				
AROCLOR-1260				
BETA-BHC				
DELTA-BHC				
DIELDRIN				
ENDOSULFAN I				
ENDOSULFAN II				
ENDOSULFAN SULFATE				
ENDRIN				
ENDRIN ALDEHYDE				
GAMMA-BHC (LINDANE)				
GAMMA-CHLORDANE				
HEPTACHLOR				
HEPTACHLOR EPOXIDE				
METHOXYCHLOR				
PENTACHLORONITROBENZENE				
TOXAPHENE				
Radiological Parameters (PCI/L)				
GROSS ALPHA	2.2 U	0.799 U	1.89	5.13
GROSS BETA	2.33 U	2.21 U	3.22	43.4
RADIUM-228				0.922 U
STRONTIUM-90				1.57 U
Inorganics (UG/L)				
ALUMINUM	5.27 U	4.72	4.52	2.2 U
ANTIMONY	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	4.86	1.02	1.3	4.74
BARIUM	6.39	6.62	9.52	15.7
BERYLLIUM	0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	0.04 U	0.0554	0.04 U	0.04 U
CALCIUM	48.7	49.3	49.6	121
CHROMIUM	0.667 U	0.15 U	0.234 U	0.978
COBALT	0.0431	0.0322	0.03 U	0.0593 U
COPPER	14.6	9.24	4.87	32.4
IRON	20	14.4	4.7 U	4.7 U

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STUDY AREA 03
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	2108	2111	2112	2140
Sample ID	2108TW001	2111TW001	2112TW001	2140TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090228	20090314	20090318	20090408
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 01
Premise ID	636653300212276	6340270302128	6338420302200	6340293002650
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC
LEAD	1.75	1.62	0.422	0.932
MAGNESIUM	5.76	5.69	5.68	26.5
MANGANESE	1.73	0.998	4.03	0.11
MERCURY	0.043	0.037	0.015 U	0.125
NICKEL	13.8	2.83	0.11 U	4.41
POTASSIUM	0.913	0.686	0.688	4.15
SELENIUM	0.216	0.2 U	0.2 U	0.308
SILVER	0.314 U	0.12 U	0.139	0.12 U
SODIUM	3.11	2.9	2.88	12.8
THALLIUM	0.186 U	0.04 U	0.04 U	0.696
TIN	0.569	0.17	0.122	0.1 U
URANIUM	0.238	0.255	0.222	1.3
VANADIUM	1.32 U	1 U	1 U	2.22
ZINC	26	336	66.6	25.5
Microbiological Parameters				
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)				
CHLORIDE	5.52	5.29	5.21	22.1
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.2 U	0.2 U	0.2 U	0.303
NITRATE	2.77 J	2.28 J	2.26	6.32
NITRITE	0.2 UJ	0.2 UJ	0.2 U	0.2 U
PHOSPHATE	0.4 UJ	0.4 UJ	0.4 U	0.4 U
SULFATE	2.66	1.73	1.85	9.57
Field Parameters				
CHLORINE (MG/L)	0.05	0	0.08	0.03
DISSOLVED OXYGEN (MG/L)	11.19	7.92	9.72	6.5
OXIDATION REDUCTION POTENTIAL (MV)	442	306	608	249
PH (S.U.)	6.87	7.33	7.35	7.17
SALINITY (%)	0	0.01	0.01	0.05
SPECIFIC CONDUCTANCE (MS/CM)	0.318	0.341	0.307	1.53
TEMPERATURE (C)	11.83	14.71	13.65	16.91
TOTAL DISSOLVED SOLIDS				
TURBIDITY (NTU)	3.5	0	0	1.5

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STUDY AREA 03
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0479	1989	2044	2045	2106	2108
Sample ID	0479SS0010006	1989SS0010006	2044SS0010006	2045SS0010006	2106SS0010006	2108SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090114	20090219	20090123	20090115	20090225	20090228
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID	6312709602120	6366513820399	6339966206272	6340270302460	6337201102111	636653300212276
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/KG)						
1,2,3,4,6,7,8,9-OCDD	18	28 J	86	44	33	41
1,2,3,4,6,7,8,9-OCDF	1.6 J	13 J	7.8 J	41	4.5 J	0.92 U
1,2,3,4,6,7,8-HPCDD	3.2 J	9.5	13	8.1	5.3 J	5.2 J
1,2,3,4,6,7,8-HPCDF	2 J	4.1 J	5.3 J	40	2.9 J	2.6 J
1,2,3,4,7,8,9-HPCDF	0.19 J	0.71 U	0.51 J	0.76 J	0.28 U	0.15 U
1,2,3,4,7,8-HXCDD	0.184852 U	0.58 U	0.34 U	0.59 J	0.19 U	0.16 J
1,2,3,4,7,8-HXCDF	0.74 J	1.1 J	2 J	2.1 J	1.4 J	0.79 J
1,2,3,6,7,8-HXCDD	0.26 U	1 J	0.77 J	1 J	0.27 U	0.44 J
1,2,3,6,7,8-HXCDF	0.49 J	1.1 J	1.2 J	1.5 J	0.37 J	0.54 J
1,2,3,7,8,9-HXCDD	0.19 J	1.1 J	0.42 J	0.9 J	0.19 J	0.23 J
1,2,3,7,8,9-HXCDF	0.16 U	0.66 U	0.13 J	0.19 J	0.24 U	0.132539 U
1,2,3,7,8-PECDD	0.28 U	0.44 U	0.49 J	0.65 J	0.21 U	0.17 J
1,2,3,7,8-PECDF	0.86 J	1.1	2.3	1.3	1.3	0.54 J
2,3,4,6,7,8-HXCDF	0.41 J	1.2 J	1.2 J	1.8 J	0.52 J	0.67 J
2,3,4,7,8-PECDF	0.46 J	1.3	1 J	1.7	0.6 J	0.83 J
2,3,7,8-TCDD	0.089 U	0.19 U	0.092 U	0.32 J	0.13 U	0.101353 U
2,3,7,8-TCDF	0.4 U	1.5 U	1 J	1.5	0.72 U	0.91 J
TEQ	0.40658	1.1213	1.74724	2.9911	0.56025	0.8995
TOTAL HPCDD	6.9 J	20	26	15 J	10 J	9.9 J
TOTAL HPCDF	3.6 J	7.7 J	11 J	73	6.7 J	5.7 J
TOTAL HXCDD	4.5 J	18	11 J	13	4.8 J	8.8 J
TOTAL HXCDF	6.1 J	20 J	18 J	32	7.3 J	9.3 J
TOTAL PECDD	2.5 J	18	7.4	8.7	1.5 J	7.5
TOTAL PECDF	5.5 J	18	17	22	8.9 J	12 J
TOTAL TCDD	3.1	15	5.2	8.9	2.2	6.8
TOTAL TCDF	7.3 J	29	14 J	21 J	9 J	13 J
Volatile Organics (MG/KG)						
1,1,1,2-TETRACHLOROETHANE	0.000371 U	0.000411 U	0.000399 U	0.00041 U	0.000382 U	0.000392 U
1,1,1-TRICHLOROETHANE	0.000494 U	0.000549 U	0.000532 U	0.000547 U	0.000509 U	0.000522 U
1,1,2,2-TETRACHLOROETHANE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
1,1,2-TRICHLOROETHANE	0.000371 U	0.000411 U	0.000399 U	0.00041 U	0.000382 U	0.000392 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.000865 U	0.00096 U	0.000931 U	0.000957 U	0.000891 J	0.000914 U
1,1-DICHLOROETHANE	0.000865 U	0.00096 U	0.000931 U	0.000957 U	0.000891 U	0.000914 U
1,1-DICHLOROETHENE	0.000618 U	0.000686 U	0.000665 U	0.000683 U	0.000637 U	0.000653 U
1,2,3-TRICHLOROBENZENE	0.000618 U	0.000686 U	0.000665 U	0.000683 U	0.000637 U	0.000653 U
1,2,3-TRICHLOROPROPANE	0.000371 U	0.000411 U	0.000399 U	0.00041 U	0.000382 U	0.000392 U
1,2,4-TRICHLOROBENZENE	0.000371 U	0.000411 U	0.000399 U	0.00041 U	0.000382 U	0.000392 U
1,2,4-TRIMETHYLBENZENE	0.000494 U	0.000549 U	0.000532 U	0.000547 U	0.000509 U	0.000522 U
1,2-DIBROMO-3-CHLOROPROPANE	0.000494 U	0.000549 U	0.000532 U	0.000547 U	0.000509 U	0.000522 U
1,2-DIBROMOETHANE	0.000124 U	0.000137 U	0.000133 U	0.000137 U	0.000127 U	0.000131 U
1,2-DICHLOROBENZENE	0.000124 U	0.000137 U	0.000133 U	0.000137 U	0.000127 U	0.000131 U
1,2-DICHLOROETHANE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
1,2-DICHLOROPROPANE	0.000371 U	0.000411 U	0.000399 U	0.00041 U	0.000382 U	0.000392 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 03
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0479	1989	2044	2045	2106	2108
Sample ID	0479SS0010006	1989SS0010006	2044SS0010006	2045SS0010006	2106SS0010006	2108SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090114	20090219	20090123	20090115	20090225	20090228
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID	6312709602120	6366513820399	6339966206272	6340270302460	6337201102111	636653300212276
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
1,2-DICHLOROTETRAFLUOROETHANE	0.000741 U	0.000823 UR	0.000798 U	0.00082 U	0.000764 U	0.000784 U
1,3,5-TRIMETHYLBENZENE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
1,3-DICHLOROBENZENE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
1,3-DICHLOROPROPANE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
1,4-DICHLOROBENZENE	0.000124 U	0.000137 U	0.000133 U	0.000137 U	0.000127 U	0.000131 J
2,2-DICHLOROPROPANE	0.000618 U	0.000686 U	0.000665 U	0.000683 U	0.000637 U	0.000653 U
2-BUTANONE	0.00222 U	0.00247 U	0.00239 U	0.00246 U	0.00229 UJ	0.00235 U
2-CHLOROTOLUENE	0.000371 U	0.000411 U	0.000399 U	0.00041 U	0.000382 U	0.000392 U
2-HEXANONE	0.00124 U	0.00137 U	0.00133 U	0.00137 U	0.00127 U	0.00131 U
4-CHLOROTOLUENE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
4-ISOPROPYLTOLUENE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
4-METHYL-2-PENTANONE	0.000371 U	0.000411 U	0.000399 U	0.00041 U	0.000382 U	0.000392 U
ACETONE	0.00717 U	0.00795 J	0.00771 U	0.00793 U	0.0121 J	0.0107 J
ACROLEIN	0.0063 U	0.00699 U	0.00678 U	0.00697 U	0.00649 U	0.00666 U
BENZENE	0.000371 U	0.00221 J	0.000399 U	0.00041 U	0.000382 U	0.000392 U
BROMOCHLOROMETHANE	0.000494 U	0.000549 U	0.000532 U	0.000547 U	0.000509 U	0.000522 U
BROMODICHLOROMETHANE	0.000494 U	0.000549 U	0.000532 U	0.000547 U	0.000509 U	0.000522 U
BROMOFORM	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
BROMOMETHANE	0.00371 U	0.00411 UR	0.00399 U	0.0041 U	0.0164 J	0.00957 U
CARBON TETRACHLORIDE	0.000494 U	0.000549 U	0.000532 U	0.000547 U	0.000509 U	0.000522 U
CHLOROBENZENE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
CHLORODIBROMOMETHANE	0.000124 U	0.000137 U	0.000133 U	0.000137 U	0.000127 U	0.000131 U
CHLOROETHANE	0.000494 U	0.000549 UR	0.000532 U	0.000547 U	0.000509 U	0.000522 U
CHLOROFORM	0.000865 U	0.00096 U	0.000931 U	0.000957 U	0.000948 J	0.000914 U
CHLOROMETHANE	0.00111 U	0.00123 U	0.0012 U	0.00123 U	0.00233 J	0.00147 U
CIS-1,2-DICHLOROETHENE	0.000865 U	0.00096 U	0.000931 U	0.000957 U	0.000891 U	0.000914 U
CIS-1,3-DICHLOROPROPENE	0.000124 U	0.000137 U	0.000133 U	0.000137 U	0.000127 U	0.000131 U
DICHLORODIFLUOROMETHANE	0.000371 U	0.000411 U	0.000399 U	0.00041 U	0.000382 U	0.000392 U
ETHYLBENZENE	0.000371 U	0.000411 U	0.000399 U	0.00041 U	0.000382 U	0.000392 U
ISOPROPYLBENZENE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
M+P-XYLENES	0.000741 U	0.000823 U	0.000798 U	0.00082 U	0.000764 U	0.000784 U
METHYL TERT-BUTYL ETHER	0.000618 U	0.000686 U	0.000665 U	0.000683 U	0.000637 U	0.000653 U
METHYLENE CHLORIDE	0.00124 U	0.00137 J	0.00133 U	0.00137 U	0.00127 U	0.00131 U
N-BUTYLBENZENE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
N-PROPYLBENZENE	0.000371 U	0.000411 U	0.000399 U	0.00041 U	0.000382 U	0.000392 U
O-XYLENE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
SEC-BUTYLBENZENE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
STYRENE	0.000247 U	0.000274 U	0.000266 U	0.000273 U	0.000255 U	0.000261 U
TERT-BUTYLBENZENE	0.000494 U	0.000549 U	0.000532 U	0.000547 U	0.000509 U	0.000522 U
TETRACHLOROETHENE	0.000741 U	0.000823 U	0.000798 U	0.00082 U	0.000764 U	0.000784 U
TOLUENE	0.000618 U	0.00567 J	0.000665 U	0.000683 U	0.0436	0.000653 U
TRANS-1,2-DICHLOROETHENE	0.000741 U	0.000823 U	0.000798 U	0.00082 U	0.000764 U	0.000784 U
TRANS-1,3-DICHLOROPROPENE	0.000371 U	0.000411 U	0.000399 U	0.00041 U	0.000382 U	0.000392 U
TRICHLOROETHENE	0.000618 U	0.000686 U	0.000665 U	0.000683 U	0.000637 U	0.000653 U

J-Estimated value
U-Not detected at that value
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STUDY AREA 03
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0479	1989	2044	2045	2106	2108
Sample ID	0479SS0010006	1989SS0010006	2044SS0010006	2045SS0010006	2106SS0010006	2108SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090114	20090219	20090123	20090115	20090225	20090228
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID	6312709602120	6366513820399	6339966206272	6340270302460	6337201102111	636653300212276
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
TRICHLOROFLUOROMETHANE	0.000988 U	0.0011 U	0.00106 U	0.00109 U	0.00102 U	0.00104 U
VINYL CHLORIDE	0.000494 U	0.000549 U	0.000532 U	0.000547 U	0.000509 U	0.000522 U
Semivolatile Organics (MG/KG)						
1,1-BIPHENYL	0.0184 U	0.0202 U	0.0217 J	0.0203 J	0.0191 U	0.0192 U
1,2,4,5-TETRACHLOROBENZENE	0.0147 U	0.0162 U	0.016 U	0.0163 U	0.0153 U	0.0153 U
2,3,4,6-TETRACHLOROPHENOL	0.087 UJ	0.0956 U	0.0944 U	0.0963 UJ	0.0904 U	0.0907 U
2,4,5-TRICHLOROPHENOL	0.151 UJ	0.166 U	0.164 U	0.167 UJ	0.157 U	0.157 U
2,4,6-TRICHLOROPHENOL	0.0809 UJ	0.0889 U	0.0912 U	0.0895 UJ	0.084 U	0.0843 U
2,4-DICHLOROPHENOL	0.0944 UJ	0.104 U	0.165 U	0.104 UJ	0.098 U	0.0984 U
2,4-DIMETHYLPHENOL	0.181 UJ	0.199 U	0.197 J	0.201 UJ	0.188 U	0.189 U
2,4-DINITROPHENOL	0.0674 UJ	0.0741 U	0.0731 U	0.0746 UJ	0.07 UJ	0.0703 U
2,4-DINITROTOLUENE	0.0221 U	0.0242 U	0.0239 U	0.0244 U	0.0229 U	0.023 U
2,6-DICHLOROPHENOL	0.0576 UJ	0.0633 U	0.148 J	0.0637 UJ	0.0598 U	0.0601 U
2,6-DINITROTOLUENE	0.0184 U	0.0202 U	0.0199 U	0.0203 U	0.0191 U	0.0192 U
2-CHLORONAPHTHALENE	0.00981 U	0.0108 U	0.0213 J	0.0108 U	0.0102 U	0.0102 U
2-CHLOROPHENOL	0.0613 UJ	0.0674 U	0.139 J	0.0678 UJ	0.0636 U	0.0639 U
2-METHYLNAPHTHALENE	0.0208 U	0.0229 U	0.0303 J	0.0231 U	0.0216 U	0.0217 U
2-METHYLPHENOL	0.123 UJ	0.135 U	0.155 J	0.136 UJ	0.127 U	0.128 U
2-NITROPHENOL	0.0772 UJ	0.0849 U	0.111 J	0.0854 UJ	0.0802 U	0.0805 U
3&4-METHYLPHENOL	0.141 UJ	0.155 U	0.329 J	0.156 UJ	0.146 U	0.147 U
3-NITROANILINE	0.0221 U	0.0242 U	0.0239 U	0.0244 U	0.0229 U	0.023 U
4,6-DINITRO-2-METHYLPHENOL	0.0821 UJ	0.0902 U	0.0891 U	0.0909 UJ	0.0853 U	0.0856 U
4-BROMOPHENYL PHENYL ETHER	0.0147 U	0.0162 U	0.016 U	0.0163 U	0.0153 U	0.0153 U
4-CHLORO-3-METHYLPHENOL	0.108 UJ	0.119 U	0.117 U	0.119 UJ	0.112 U	0.112 U
4-CHLOROANILINE	0.0282 U	0.031 U	0.0306 U	0.0312 U	0.0293 U	0.0294 U
4-NITROANILINE	0.0539 U	0.0593 U	0.0585 U	0.0597 U	0.056 U	0.0562 U
4-NITROPHENOL	0.145 UJ	0.159 U	0.157 U	0.16 UJ	0.15 U	0.151 U
ACENAPHTHENE	0.0123 U	0.0135 U	0.0151 U	0.0136 U	0.0127 U	0.0128 U
ACENAPHTHYLENE	0.011 U	0.0121 U	0.012 U	0.0122 U	0.0115 U	0.0115 U
ANILINE	0.0245 U	0.0269 U	0.0266 U	0.0271 U	0.0255 U	0.0256 U
ANTHRACENE	0.0147 U	0.0162 U	0.016 U	0.0163 U	0.0153 U	0.0153 U
ATRAZINE	0.0319 U	0.035 U	0.0346 U	0.0353 U	0.0331 U	0.0332 U
BAP EQUIVALENT	0.0208 U	0.0229 U	0.0226 U	0.0231 U	0.000025	0.002063
BENZO(A)ANTHRACENE	0.0196 U	0.0216 U	0.0213 U	0.0217 U	0.0204 U	0.0204 J
BENZO(A)PYRENE	0.0208 U	0.0229 U	0.0226 U	0.0231 U	0.0216 U	0.0217 U
BENZO(B)FLUORANTHENE	0.0245 U	0.0269 U	0.0266 U	0.0271 U	0.0255 U	0.0256 U
BENZO(G,H,I)PERYLENE	0.0343 U	0.0377 U	0.0372 U	0.038 U	0.0356 U	0.0358 U
BENZO(K)FLUORANTHENE	0.0221 U	0.0242 U	0.0239 U	0.0244 U	0.0229 U	0.023 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.129 U	0.141 J	0.207 J	0.142 U	0.134 U	0.134 U
BUTYL BENZYL PHTHALATE	0.0368 U	0.0404 U	0.0399 U	0.0407 U	0.0382 U	0.0383 U
CARBAZOLE	0.0221 U	0.0242 U	0.0239 U	0.0244 U	0.0229 U	0.023 U
CHRYSENE	0.0159 U	0.0175 U	0.0173 U	0.0176 U	0.0258 J	0.0236 J
DI-N-BUTYL PHTHALATE	0.0527 U	0.0579 U	0.0572 J	0.0583 U	0.0547 J	0.055 U
DI-N-OCTYL PHTHALATE	0.0245 U	0.0269 U	0.0266 U	0.0271 U	0.0255 U	0.0256 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 03
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0479	1989	2044	2045	2106	2108
Sample ID	0479SS0010006	1989SS0010006	2044SS0010006	2045SS0010006	2106SS0010006	2108SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090114	20090219	20090123	20090115	20090225	20090228
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID	6312709602120	6366513820399	6339966206272	6340270302460	6337201102111	636653300212276
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
DIBENZO(A,H)ANTHRACENE	0.0221 U	0.0242 U	0.0239 U	0.0244 U	0.0229 U	0.023 U
DIBENZOFURAN	0.0123 U	0.0135 U	0.0133 U	0.0136 U	0.0127 U	0.0128 U
DIETHYL PHTHALATE	0.0208 U	0.0229 U	0.0226 U	0.0231 U	0.0216 U	0.0217 U
DIMETHYL PHTHALATE	0.0159 U	0.0175 U	0.0173 U	0.0176 U	0.0165 U	0.0166 U
DIPHENYLAMINE	0.0638 U	0.07 U	0.0691 U	0.0705 U	0.0662 U	0.0665 U
FLUORANTHENE	0.0233 U	0.0256 U	0.0283 J	0.0258 U	0.0312 J	0.0396 J
FLUORENE	0.0147 U	0.0162 U	0.016 U	0.0163 U	0.0153 U	0.0153 U
HEXACHLOROBENZENE	0.0135 U	0.0148 U	0.0146 U	0.0149 U	0.014 U	0.0141 U
HEXACHLOROBUTADIENE	0.0123 U	0.0135 U	0.0133 U	0.0136 U	0.0127 U	0.0128 U
HEXACHLOROCYCLOPENTADIENE	0.0172 U	0.0189 U	0.0186 U	0.019 U	0.0178 UJ	0.0179 U
HEXACHLOROETHANE	0.0135 U	0.0148 U	0.0146 U	0.0149 U	0.014 U	0.0141 U
INDENO(1,2,3-CD)PYRENE	0.0539 U	0.0593 U	0.0585 U	0.0597 U	0.056 UJ	0.0562 U
NAPHTHALENE	0.00736 U	0.00808 U	0.0369 J	0.00966 U	0.00764 U	0.00767 U
NITROBENZENE	0.0184 U	0.0202 U	0.0199 U	0.0203 U	0.0191 U	0.0192 U
O-TOLUIDINE	0.0221 U	0.0242 U	0.0239 U	0.0244 U	0.0229 U	0.023 U
PENTACHLOROBENZENE	0.0343 U	0.0377 U	0.0372 U	0.038 U	0.0356 U	0.0358 U
PENTACHLOROPHENOL	0.189 UJ	0.207 U	0.205 U	0.209 UJ	0.196 U	0.197 U
PHENANTHRENE	0.0368 U	0.0404 U	0.0399 U	0.0407 U	0.0382 U	0.0383 U
PHENOL	0.0417 UJ	0.0458 U	0.0452 U	0.0461 UJ	0.0433 U	0.0435 U
PYRENE	0.0221 U	0.0242 U	0.0239 U	0.0244 U	0.0287 J	0.0351 J
Pesticides/PCBs (MG/KG)						
4,4'-DDD	0.000544 U	0.000636 U	0.000701 U	0.000699 U	0.000631 U	0.000698 U
4,4'-DDE	0.000534 U	0.000624 U	0.000688 U	0.000686 U	0.000619 U	0.000685 U
4,4'-DDT	0.000716 U	0.000836 U	0.000922 U	0.000919 U	0.000829 UJ	0.000918 U
ALDRIN	0.000433 U	0.000507 U	0.000558 U	0.000557 U	0.000502 U	0.000556 U
ALPHA-BHC	0.000534 U	0.000624 U	0.000688 U	0.000686 U	0.000619 U	0.000685 U
ALPHA-CHLORDANE	0.000433 U	0.000507 U	0.000558 U	0.000557 U	0.000502 U	0.000556 U
AROCLOR-1016	0.00706 U	0.00825 U	0.00909 U	0.00906 U	0.00818 U	0.00905 U
AROCLOR-1221	0.00706 U	0.00825 U	0.00909 U	0.00906 U	0.00818 U	0.00905 U
AROCLOR-1232	0.00706 U	0.00825 U	0.00909 U	0.00906 U	0.00818 U	0.00905 U
AROCLOR-1242	0.00706 U	0.00825 U	0.00909 U	0.00906 U	0.00818 U	0.00905 U
AROCLOR-1248	0.00706 U	0.00825 U	0.00909 U	0.00906 U	0.00818 U	0.00905 U
AROCLOR-1254	0.00706 U	0.00825 U	0.00909 U	0.00906 U	0.00818 U	0.00905 U
AROCLOR-1260	0.00706 U	0.00825 U	0.00909 U	0.00906 U	0.00818 U	0.00905 U
BETA-BHC	0.000655 U	0.000766 U	0.000844 U	0.000841 U	0.000759 U	0.00084 U
DELTA-BHC	0.000595 U	0.000695 U	0.000766 U	0.000764 U	0.000689 U	0.000763 U
DIELDRIN	0.000605 U	0.000707 U	0.000779 U	0.000777 U	0.000701 U	0.000776 U
ENDOSULFAN I	0.000544 U	0.000636 U	0.000701 U	0.000699 U	0.000631 U	0.000698 U
ENDOSULFAN II	0.000433 U	0.000507 U	0.000558 U	0.000557 U	0.000502 U	0.000556 U
ENDOSULFAN SULFATE	0.000615 U	0.000719 U	0.000792 U	0.000789 U	0.000713 U	0.000789 U
ENDRIN	0.000695 U	0.000813 U	0.000896 U	0.000893 U	0.000806 U	0.000892 U
ENDRIN ALDEHYDE	0.000625 U	0.00073 U	0.000805 U	0.000802 U	0.000724 U	0.000802 U
GAMMA-BHC (LINDANE)	0.000514 U	0.000601 U	0.000662 U	0.00066 U	0.000596 U	0.000659 U
GAMMA-CHLORDANE	0.000474 U	0.000554 U	0.00061 U	0.000608 U	0.000549 U	0.000608 U

J-Estimated value
U-Not detected at that value
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STUDY AREA 03
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0479	1989	2044	2045	2106	2108
Sample ID	0479SS0010006	1989SS0010006	2044SS0010006	2045SS0010006	2106SS0010006	2108SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090114	20090219	20090123	20090115	20090225	20090228
Study Area	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03	STUDY AREA 03
Premise ID	6312709602120	6366513820399	6339966206272	6340270302460	6337201102111	636653300212276
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
HEPTACHLOR	0.000615 U	0.000719 U	0.000792 U	0.000789 U	0.000713 U	0.000789 U
HEPTACHLOR EPOXIDE	0.000474 U	0.000554 U	0.00061 U	0.000608 U	0.000549 U	0.000608 U
METHOXYCHLOR	0.000766 U	0.000895 U	0.000987 U	0.000984 U	0.000888 U	0.000983 U
PENTACHLORONITROBENZENE	0.000504 U	0.000589 U	0.000649 U	0.000647 U	0.000584 U	0.000647 U
TOXAPHENE	0.00605 U	0.00707 U	0.00779 U	0.00777 U	0.00701 U	0.00776 U
Inorganics (MG/KG)						
ALUMINUM	49400	36400	40100	36400	37300	33300
ANTIMONY	0.477	0.441	1.11	0.687	0.695	0.557
ARSENIC	11.1	10.6	15.5	14.4	11.3	11
BARIUM	613	310	311	250	288	298
BERYLLIUM	4.16	3.98	5.25	5.14	4.35 J	4.11
CADMIUM	0.418	0.464	0.318	0.518	0.279	0.4
CHROMIUM	10.5	7.11 J	10.9	8.6	9.74 J	4.11
COBALT	12.6	6.68	8.24	7.06	10.6 J	6.63
COPPER	75.2	73.7	54.5	41.7	37.9 J	55.8
IRON	29700	19300	21700	19200	26800	18200
LEAD	38.8	33.2	71.6	43.9	56	43.1
MANGANESE	632	529	630	538	581	549
MERCURY	0.102 U	0.102 U	0.103 U	0.102 U	0.103	0.104
NICKEL	13.6	8.79	12.4	9.89	14.7 J	6.74
SELENIUM	0.202	0.204	0.207	0.112	0.124	0.108
SILVER	0.106 U	0.186	0.182	0.122	0.212	2.89
THALLIUM	2.13	1.73 U	2.11	1.14	0.686 U	1.49 U
TIN	2.88	2.15	3.95	2.87	2.57	2.37
VANADIUM	87	46.8	48.8	47.1	53.3 J	45
ZINC	84.7	77.4	123	78.1	90.9 J	72.2
Miscellaneous Parameters (MG/KG)						
CYANIDE	0.148 U	0.127 U	0.157 U	0.164 U	0.198	0.153 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 4

SOIL GAS DATA
WATER DATA
SOIL DATA

STUDY AREA 04
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0114	0771	1562	1569	1570	1872	2060	2071	2073	2093	2152
Sample ID	0114SG001	0771SG001	1562SG001	1569SG001	1570SG001	1872SG001	2060SG001	2071SG001	2073SG001	2093SG001	2152SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL		RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090110	20090128	20090223	20090203	20090318	20090202	20090122	20090309	20090121	20090218	20090422
Study Area	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID	6113025904105	6322549836110	6323565566808	6320517011745	6320709817203	6328050001755	6325574507169	6320714773263	6320957023172	6321904016183	6321312817150
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)											
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.15 U	0.241 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 J	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.201	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.731	0.648	0.594	0.6	0.08 U	0.664 J	0.618 J	0.08 U	0.426	0.877	0.64
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	1.65	0.4 U	0.4 U	0.4 U	0.4 UR	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 U	0.19 U	1.16	0.19 U	1.37 U	0.19 U	0.19 UR	3.41 U	0.19 U	1.45	0.19 U
1,2,4-TRIMETHYLBENZENE	0.48	0.776	15.3	0.225	0.172 U	0.353 J	2.17 J	0.05 U	0.695	0.241	0.05 U
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.1 U	0.1 U	0.143 J	0.1 U	0.345 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.19 J	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.112 J	0.1 U	0.1 U
1,2-DICHLOROPROPANE	4.25	0.938	0.09 U	3.16	0.09 U	0.431 J	0.915 J	0.09 U	1.32	0.54	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.155 J	0.294	5.35	0.0854 J	0.128 J	0.0721 J	0.358 J	0.05 U	0.217	0.165 J	0.05 U
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 UJ	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.09 U	0.09 U	0.125 J	0.09 U	0.295 U	0.09 U	0.09 UJ	0.438 U	0.09 U	0.151 J	0.09 U
1,4-DICHLOROBENZENE	0.09 U	0.09 U	0.504	0.09 U	0.55 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.576	0.09 U
2-BUTANONE	3.55	15	4.47	1.05	0.33 U	1.49 J	1.08 J	1.34	1.98	0.365 J	0.33 U
ACETONE	21.6	89.8	1.06 U	10.6	1.06 U	6.99 J	21.8 J	6.21	85.7	3.7	3.51
ACETONITRILE	0.885	0.736 J	0.38 U	0.38 U	0.38 U	0.38 U	0.395 J	0.38 U	1.4	0.38 U	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 UR	1.02 U	1.02 U	34.8	1.02 U
ACROLEIN	2.13	0.844 J	0.41 U	0.41 U	0.41 U	0.619 J	1.53 J	0.41 U	5.56	0.41 U	0.41 U
ACRYLONITRILE	0.233 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	2.93	5.26	345	0.269	0.03 U	0.282 J	0.713 J	0.307 U	1.09	0.23	0.604
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	1.36	0.797	0.425	1.03	0.1 U	0.31 J	0.464 J	0.1 U	0.712	0.1 U	1.01
CARBON TETRACHLORIDE	0.59	0.266 J	0.13 U	0.228 J	0.13 U	0.13 U	0.13 UJ	0.13 U	0.372	0.147 J	0.13 U
CHLOROBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 UJ	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.11 U	0.22 J	0.11 U	0.127 J	0.11 U	0.11 U	0.434 J	0.11 U	0.155 J	0.641	2.45
CHLOROMETHANE	0.07 U	0.227	0.07 U	0.07 U	0.07 U	0.07 U	0.212 J	0.07 U	1.12	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.11 U	2.61	678	0.336	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	7.07	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2.68	2.69	2.59	2.47	0.18 U	2.17 J	2.82 J	0.18 U	1.49	1.73	2.25
ETHYLBENZENE	2.88	0.493	57	0.276	0.03 U	0.172 J	0.836 J	0.329 U	0.476	0.123 J	23.3
HEXACHLOROBUTADIENE	0.378 J	0.24 U	1.17	0.24 U	1.7 U	0.24 U	0.24 UJ	2.66 U	0.24 U	1.63	0.24 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	0.331 J	1.14	7690	0.19 J	0.17 U	0.497 J	0.814 J	0.17 U	0.798	0.541	0.17 U
ISOBUTANOL	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	1.37 J	0.46 UJ	0.46 U	7.66	0.924	0.46 U
ISOPROPYLBENZENE	0.204	0.07 U	7.62	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.744
M+P-XYLENES	2.23	1.64	128	0.42	0.174 J	0.528 J	3.21 J	0.654 U	1.68	0.674	34.4
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.243	0.847	383	0.134 J	0.08 U	0.08 U	0.18 J	0.08 U	4.04	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.599	0.801	0.08 U	0.533	0.08 U	0.166 J	1.53 J	0.08 U	1.21	0.08 U	0.08 U
O-XYLENE	0.914	0.761	61.5	0.257	0.104 J	0.321 J	1.28 J	0.06 U	0.551	0.171 J	18.8
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	30.6	1.35	75.5	1.99	0.07 U	0.471 J	0.07 UJ	0.97	0.902	0.07 U	120
TETRACHLOROETHENE	17.5	15.1	1.45 U	5.47	1.45 U	3.77 J	5.18 J	9.41	4.26	52.9	7.21
TOLUENE	3.58	4.47	350	1.62	0.04 U	1.03 J	3.14 J	1.02	47.8	2.73	0.805
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	2.65	2.58	23.4	1.86	0.31 U	10.7 J	5.9 J	3.47	1.2	2.89	1.91
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 04
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0114	0114	0114	0114	0771	1562	1566	1569	1570	1809	1872	2060	2071	2073	2093	2152	2153
Sample ID	0114TW001	0114TW002	0114TW002-AVG	0114TW002-D	0771TW001	1562TW001	1566TW001	1569TW001	1570TW001	1809TW001	1872TW001	2060TW001	2071TW001	2073TW001	2093TW001	2152TW001	2153TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	UNKNOWN
Event	PHASE II	PHASE II-RESAMPLE	PHASE II-RESAMPLE	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081213	20090418	20090418	20090418	20090126	20090223	20090529	20090203	20090319	20081003	20081025	20090122	20090309	20090121	20090202	20090422	20090507
Study Area	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID	6113025904105	6113025904105	6113025904105	6113025904105	6322549836110	6323565566808	6320703211869	6320517011745	6320709817203	6350014404206	6328050001755	6325574507169	6320714773263	6320957023172	6321904016183	6321312817150	6321100403560
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)																	
1,2,3,4,6,7,8,9-OCDD	0.0047 U				0.0046 U	0.0039 U	0.0034 U	0.0037 U	0.0059 U	0.0084 U	0.0055 U	0.0059 U	0.004 U	0.0036 U	0.0035 U	0.0025 U	0.00072 U
1,2,3,4,6,7,8,9-OCDF	0.0021 J				0.0013 U	0.0011 U	0.0025 U	0.00056 U	0.0006 U	0.0085 U	0.0025 U	0.0017 U	0.00088 U	0.001145 U	0.0008 U	0.0026 U	0.0013 U
1,2,3,4,6,7,8-HPCDD	0.002 U				0.0018 U	0.0013 U	0.0016 U	0.0013 U	0.0023 U	0.004025 U	0.0015 U	0.0012 U	0.0018 U	0.0012 U	0.0011 U	0.0012 U	0.001 U
1,2,3,4,6,7,8-HPCDF	0.0028 U				0.0013 U	0.0021 U	0.0024 U	0.00043 U	0.00043 U	0.002716 U	0.0013 U	0.0012 U	0.00093 U	0.00066 U	0.00049 U	0.0017 U	0.0011 U
1,2,3,4,7,8,9-HPCDF	0.00081 U				0.00057 U	0.00048 U	0.000742 U	0.00018 U	0.00018 U	0.0037 U	0.001104 U	0.000763 U	0.000681 U	0.00018 U	0.00015 U	0.00044 U	0.00074 U
1,2,3,4,7,8-HXCDD	0.000222 U				0.0003 U	0.000524 U	0.00036 U	0.00015 U	0.00025 U	0.0016 U	0.00049 U	0.000443 U	0.00061 J	0.000611 U	0.000073 U	0.00041 J	0.0006 J
1,2,3,4,7,8-HXCDF	0.0086 J				0.00035 U	0.000262 U	0.000574 U	0.00025 U	0.00025 U	0.0019 U	0.00052 U	0.000394 U	0.00028 U	0.00031 U	0.00015 U	0.00085 U	0.00088 U
1,2,3,6,7,8-HXCDD	0.00025 U				0.00025 U	0.00043 U	0.000263 U	0.0002 U	0.00033 U	0.0019 U	0.00042 U	0.00037 J	0.000504 U	0.00051 U	0.000073 U	0.00053 U	0.00033 J
1,2,3,6,7,8-HXCDF	0.0013 U				0.0003 J	0.000214 U	0.00048 U	0.00013 U	0.0002 U	0.0016 U	0.00037 U	0.00032 U	0.0005 U	0.000254 U	0.00019 U	0.00051 U	0.00069 U
1,2,3,7,8,9-HXCDD	0.00025 U				0.00025 J	0.000453 U	0.00029 U	0.00013 U	0.0003 U	0.0014 U	0.00059 J	0.00037 U	0.00053 U	0.000534 U	0.000073 U	0.00027 U	0.00053 U
1,2,3,7,8,9-HXCDF	0.00042 U				0.00027 U	0.00029 U	0.000622 U	0.00018 J	0.00025 U	0.0022 U	0.00049 U	0.000443 U	0.00083 U	0.000331 U	0.00017 U	0.00027 U	0.00029 U
1,2,3,7,8-PECDD	0.00047 U				0.00067 U	0.000763 U	0.00048 U	0.00018 U	0.00088 U	0.001139 U	0.00061 J	0.0003 U	0.000681 U	0.000814 U	0.00017 U	0.00102 U	0.00048 J
1,2,3,7,8-PECDF	0.00057 U				0.0005 U	0.00033 U	0.00062 J	0.000152 U	0.00025 U	0.000291 U	0.000171 U	0.00027 U	0.00028 U	0.000203 U	0.000194 U	0.00065 U	0.00081 U
2,3,4,6,7,8-HXCDF	0.00037 U				0.00022 U	0.000262 U	0.000574 U	0.00025 U	0.00023 U	0.0019 U	0.00042 U	0.000394 U	0.00028 U	0.00031 U	0.00015 U	0.00027 J	0.000263 J
2,3,4,7,8-PECDF	0.000394 U				0.0006 U	0.00069 U	0.00057 U	0.00041 U	0.00025 U	0.00068 U	0.00029 U	0.00047 U	0.0003 U	0.00038 U	0.000194 U	0.0011 U	0.00072 U
2,3,7,8-TCDD	0.000222 U				0.0003 J	0.00048 J	0.00038 J	0.00028 U	0.00028 U	0.000412 U	0.0002 U	0.00037 U	0.00058 U	0.000331 U	0.00039 J	0.00044 J	0.0005 J
2,3,7,8-TCDF	0.00022 U				0.00047 U	0.000262 U	0.00072 J	0.0002 U	0.00053 U	0.000291 U	0.0002 U	0.00025 U	0.00061 U	0.00023 U	0.00019 U	0.00048 U	0.0005 U
TEQ	0.000861				0.000355	0.00048	0.000471	0.000018	0.00028 U	0.000412 U	0.000669	0.000037	0.000061	0.000331 U	0.00039	0.000508	0.001099
TOTAL HPCDD	0.002 J				0.0018 J	0.0013 J	0.0016 J	0.0018 J	0.0023 J	0.004025 U	0.0015 J	0.0012 J	0.0061 J	0.0012 J	0.0011 J	0.0012 J	0.001 J
TOTAL HPCDF	0.0036 J				0.0017 J	0.0035 J	0.0025 J	0.00058 J	0.0005 J	0.0064 U	0.001914 U	0.001329 U	0.0013 J	0.00076 J	0.00063 J	0.004 J	0.0018 J
TOTAL HXCDD	0.00067 J				0.0008 U	0.001406 U	0.00089 U	0.00043 J	0.00088 J	0.0043 U	0.001349 U	0.0012 U	0.00164 U	0.0017 U	0.00022 U	0.0011 J	0.0015 J
TOTAL HXCDF	0.011 J				0.00095 J	0.001025 U	0.002249 U	0.00079 J	0.000901 U	0.007542 U	0.0017 U	0.0016 U	0.0018 J	0.0012 U	0.00061 U	0.0018 J	0.0019 J
TOTAL PECDD	0.00047 U				0.00067 U	0.000763 U	0.00048 U	0.00018 U	0.00088 U	0.001139 U	0.00061 J	0.0003 U	0.000681 U	0.000814 U	0.00017 U	0.00102 U	0.00048 J
TOTAL PECDF	0.00096 J				0.0011 J	0.001 J	0.0012 J	0.00056 J	0.0005 U	0.00097 J	0.00037 J	0.00062 J	0.00056 J	0.00056 J	0.00039 U	0.0017 J	0.0015 J
TOTAL TCDD	0.00072 J				0.0009 U	0.00079 U	0.000933 U	0.00084 U	0.00083 U	0.001236 U	0.00059 U	0.001108 U	0.001741 U	0.000993 U	0.00073 U	0.00094 J	0.000931 U
TOTAL TCDF	0.00044 J				0.00055 J	0.000524 U	0.00091 J	0.000304 U	0.00065 J	0.000582 U	0.000392 U	0.000492 U	0.00071 J	0.00046 U	0.00039 J	0.00065 J	0.00074 J
Volatile Organics (UG/L)																	
1,1,1,2-TETRACHLOROETHANE	0.11 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.17 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.17 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.05 U				0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.05 U	0.05 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.11 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.2 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.13 U				0.14 U	0.14 U	0.284 J	0.14 U	0.14 U	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.12 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.13 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.13 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U				0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.25 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	0.25 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.09 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.07 U				0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.07 U	0.07 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.08 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.08 U	0.08 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.15 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.4 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U				0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U				0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.11 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.07 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.07 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	1.6 U				2 U	2 UJ	2 U	2 U	2 U	1.6 U	1.6 U	2 U	2 U	2 U	2 U	2 U	2 U
2-CHLOROTOLUENE	0.12 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.13 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.1 U				0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.1 U	0.1 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.1 U				0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
ACETONE	1 U				1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	0.4 U				1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	0.4 U	0.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
BENZENE	0.05 U				0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.05 U	0.05 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.134 J				0.216 J	0.1 U	0.225 J	0.1 U	0.645	0.12 U	0.299 J	0.125 J	0.1 U	0.268 J	0.1 U	0.1 U	0.185 J
BROMOFORM	3.01				1.22	1.23	3.5	1.45	2.55	0.06 U	1.3	2.19	1.92	2.18	1.71	0.713 J	1.37
BROMOMETHANE	0.37 U				0.5 U	0.5 UJ	1.22 U	0.5 U	0.5 U	0.37 U	0.37 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U				0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.12 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.567				0.535	1.01	1.03	0.567	1.42	0.14 U	0.753	0.438 J	0.701	1.05	0.918	0.358 J	0.63
CHLOROETHANE	0.18 U				0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.18 U	0.18 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.09 U				0.13 J	0.09 U	0.255 J	0.09 U	0.363	0.09 U	0.09 U	0.09 U	0.216 J	0.103 J	0.09 U	0.09 U	0.09 U
CHLOROMETHANE	0.21 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.13 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.15 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.12 U				0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U				0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.06 U				0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.06 U	0.06 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.09 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.11 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	0.69 U				0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.69 U	0.69 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.05 U				0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.05 U	0.05 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U				0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U				0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.04 U				0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.04 U	0.04 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U				0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.19 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.19 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.07 U				0.1 U	0.1 U	0.304 J	0.1 U	0.1 U	0.0792 J	0.07 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TOLUENE	0.17 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.17 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.225 J
TRANS-1,2-DICHLOROETHENE	0.15 U				0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15 U	0.15 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U				0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 04
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0114	0114	0114	0114	0771	1562	1566	1569	1570	1809	1872	2060	2071	2073	2093	2152	2153
Sample ID	0114TW001	0114TW002	0114TW002-AVG	0114TW002-D	0771TW001	1562TW001	1566TW001	1569TW001	1570TW001	1809TW001	1872TW001	2060TW001	2071TW001	2073TW001	2093TW001	2152TW001	2153TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	UNKNOWN
Event	PHASE II	PHASE II-RESAMPLE	PHASE II-RESAMPLE	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081213	20090418	20090418	20090418	20090126	20090223	20090529	20090203	20090319	20081003	20081025	20090122	20090309	20090121	20090202	20090422	20090507
Study Area	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID	6113025904105	6113025904105	6113025904105	6113025904105	6322549836110	6323565566808	6320703211869	6320517011745	6320709817203	6350014404206	6328050001755	6325574507169	6320714773263	6320957023172	6321904016183	6321312817150	6321100403560
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
TRICHLOROETHENE	0.13 U				0.13 U	0.13 U	0.676 J	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.19 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.19 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.15 U				0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Semivolatile Organics (UG/L)																	
1,1-BIPHENYL	0.198 U				0.191 UJ					0.189 U	0.2 U	0.203 U		0.206 U			
1,2,4,5-TETRACHLOROBENZENE	0.198 U				0.191 UJ					0.195 U	0.2 U	0.203 U		0.206 U			
2,3,4,6-TETRACHLOROPHENOL	0.297 UJ				0.287 UJ					0.293 U	0.3 U	0.304 UJ		0.308 UJ			
2,4,5-TRICHLOROPHENOL	0.495 UJ				0.478 UJ					0.488 U	0.5 U	0.507 UJ		0.514 UJ			
2,4,6-TRICHLOROPHENOL	0.495 UJ				0.478 UJ					0.488 U	0.5 U	0.507 UJ		0.514 UJ			
2,4-DICHLOROPHENOL	0.693 UJ				0.67 UJ					0.683 U	0.7 U	0.71 UJ		0.719 UJ			
2,4-DIMETHYLPHENOL	0.991 UJ				0.957 UJ					0.975 U	1 U	1.01 UJ		1.03 UJ			
2,4-DINITROPHENOL	0.297 UJ				0.287 UJ					0.293 U	0.3 U	0.304 UJ		0.308 UJ			
2,4-DINITROTOLUENE	0.991 U				0.957 UJ					0.975 U	1 U	1.01 U		1.03 U			
2,6-DICHLOROPHENOL	0.792 UJ				0.766 UJ					0.78 U	0.8 U	0.812 UJ		0.822 UJ			
2,6-DINITROTOLUENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
2-CHLORONAPHTHALENE	0.198 U				0.191 UJ					0.195 U	0.2 U	0.203 U		0.206 U			
2-CHLOROPHENOL	0.892 UJ				0.861 UJ					0.878 U	0.9 U	0.914 UJ		0.925 UJ			
2-METHYLNAPHTHALENE	0.198 U				0.191 UJ					0.195 U	0.2 U	0.203 U		0.206 U			
2-METHYLPHENOL	0.693 UJ				0.67 UJ					0.683 U	0.7 U	0.71 UJ		0.719 UJ			
2-NITROPHENOL	0.892 UJ				0.861 UJ					0.878 U	0.9 U	0.914 UJ		0.925 UJ			
3&4-METHYLPHENOL	1.19 UJ				1.15 UJ					1.17 U	1.2 U	1.22 UJ		1.23 UJ			
3-NITROANILINE	0.991 U				0.957 UJ					0.975 U	1 U	1.01 U		1.03 U			
4,6-DINITRO-2-METHYLPHENOL	0.198 UJ				0.191 UJ					0.195 U	0.2 U	0.203 UJ		0.206 UJ			
4-BROMOPHENYL PHENYL ETHER	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
4-CHLORO-3-METHYLPHENOL	0.594 UJ				0.574 UJ					0.585 U	0.6 U	0.609 UJ		0.617 UJ			
4-CHLOROANILINE	0.991 U				0.957 UJ					0.975 U	1 U	1.01 U		1.03 U			
4-NITROANILINE	0.991 U				0.957 UJ					0.975 U	1 U	1.01 U		1.03 U			
4-NITROPHENOL	0.297 UJ				0.287 UJ					0.293 U	0.3 U	0.304 UJ		0.308 UJ			
ACENAPHTHENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
ACENAPHTHYLENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
ANILINE	0.991 U				0.957 UJ					0.975 U	1 U	1.01 U		1.03 U			
ANTHRACENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
ATRAZINE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
BAP EQUIVALENT	0.0991 U				0.0957 U					0.0975 U	0.1 U	0.102 U		0.103 U			
BENZO(A)ANTHRACENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
BENZO(A)PYRENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
BENZO(B)FLUORANTHENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
BENZO(G,H,I)PERYLENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
BENZO(K)FLUORANTHENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
BIS(2-ETHYLHEXYL)PHTHALATE	1.39 U				1.34 UJ					1.68 J	1.4 U	1.42 U		1.44 U			
BUTYL BENZYL PHTHALATE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
CARBAZOLE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
CHRYSENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
DI-N-BUTYL PHTHALATE	1.29 U				1.24 UJ					1.27 U	1.3 U	1.32 U		1.34 U			
DI-N-OCTYL PHTHALATE	0.198 U				0.191 UJ					0.195 U	0.2 U	0.203 U		0.206 U			
DIBENZO(A,H)ANTHRACENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
DIBENZOFURAN	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
DIETHYL PHTHALATE	0.198 U				0.191 UJ					0.195 U	0.2 U	0.203 U		0.206 U			
DIMETHYL PHTHALATE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
DIPHENYLAMINE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
FLUORANTHENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
FLUORENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
HEXACHLOROBENZENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
HEXACHLOROBUTADIENE	0.198 U				0.191 UJ					0.195 U	0.2 U	0.203 U		0.206 U			
HEXACHLOROCYCLOPENTADIENE	0.991 U				0.957 UJ					0.975 U	1 U	1.01 U		1.03 U			
HEXACHLOROETHANE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
INDENO(1,2,3-CD)PYRENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
NAPHTHALENE	0.198 U				0.191 UJ					0.195 U	0.2 U	0.203 U		0.206 U			
NITROBENZENE	0.198 U				0.191 UJ					0.195 U	0.2 U	0.203 U		0.206 U			
O-TOLUIDINE	0.693 U				0.67 UJ					0.683 U	0.7 U	0.71 U		0.719 U			
PENTACHLOROBENZENE	0.198 U				0.191 UJ					0.195 U	0.2 U	0.203 U		0.206 U			
PENTACHLOROPHENOL	0.297 UJ				0.287 UJ					0.293 U	0.3 U	0.304 UJ		0.308 UJ			
PHENANTHRENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
PHENOL	0.991 UR				0.957 UJ					0.975 U	1 U	1.01 UJ		1.03 UR			
PYRENE	0.0991 U				0.0957 UJ					0.0975 U	0.1 U	0.102 U		0.103 U			
Pesticides/PCBs (UG/L)																	
4,4'-DDD	0.00313 U				0.00308 U					0.00318 U	0.0031 U	0.00321 U		0.00316 U			
4,4'-DDE	0.00209 U				0.00205 U					0.00212 U	0.00206 U	0.00214 U		0.00211 U			
4,4'-DDT	0.00626 U				0.00615 U					0.00636 U	0.00619 U	0.00642 U		0.00632 U			
ALDRIN	0.00209 U				0.00205 U					0.00212 U	0.00206 U	0.00214 U		0.00211 U			
ALPHA-BHC	0.00313 U				0.00308 U					0.00318 U	0.0031 U	0.00321 U		0.00316 U			
ALPHA-CHLORDANE	0.00313 U				0.00308 U					0.00318 U	0.0031 U	0.00321 U		0.00316 U			
AROCLOR-1016	0.0209 U				0.0205 U					0.0212 U	0.0206 U	0.0214 U		0.0211 U			
AROCLOR-1221	0.0209 U				0.0205 U					0.0212 U	0.0206 U	0.0214 U		0.0211 U			
AROCLOR-1232	0.0209 U				0.0205 U					0.0212 U	0.0206 U	0.0214 U		0.0211 U			
AROCLOR-1242	0.0209 U				0.0205 U					0.0212 U	0.0206 U	0.0214 U		0.0211 U			
AROCLOR-1248	0.0209 U				0.0205 U					0.0212 U	0.0206 U	0.0214 U		0.0211 U			
AROCLOR-1254	0.0209 U				0.0205 U					0.0212 U	0.0206 U	0.0214 U		0.0211 U			
AROCLOR-1260	0.0209 U				0.0205 U					0.0212 U	0.0206 U	0.0214 U		0.0211 U			
BETA-BHC	0.00209 U				0.00205 U					0.00212 U	0.00206 U	0.00214 U		0.00211 U			
DELTA-BHC	0.00104 U				0.00103 U					0.00106 U	0.00103 U	0.00107 U		0.00105 U			
DIELDRIN	0.00313 U				0.00308 U					0.00318 U	0.0031 U	0.00321 U		0.00316 U			
ENDOSULFAN I	0.00313 U				0.00308 U					0.00318 U	0.0031 U	0.00321 U		0.00316 U			
ENDOSULFAN II	0.00209 U				0.00205 U					0.00212 U	0.00206 U	0.00214 U		0.00211 U			
ENDOSULFAN SULFATE	0.0073 U				0.00718 U					0.00742 U	0.00722 U	0.00749 U		0.00737 U			
ENDRIN	0.00209 U				0.00205 U					0.00212 U	0.00206 U	0.00214 U		0.00211 U			
ENDRIN ALDEHYDE	0.00209 U				0.00205 U					0.00212 U	0.00206 U	0.00214 U		0.00211 U			

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 04
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0114	0114	0114	0114	0771	1562	1566	1569	1570	1809	1872	2060	2071	2073	2093	2152	2153
Sample ID	0114TW001	0114TW002	0114TW002-AVG	0114TW002-D	0771TW001	1562TW001	1566TW001	1569TW001	1570TW001	1809TW001	1872TW001	2060TW001	2071TW001	2073TW001	2093TW001	2152TW001	2153TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	UNKNOWN
Event	PHASE II	PHASE II-RESAMPLE	PHASE II-RESAMPLE	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081213	20090418	20090418	20090418	20090126	20090223	20090529	20090203	20090319	20081003	20081025	20090122	20090309	20090121	20090202	20090422	20090507
Study Area	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID	6113025904105	6113025904105	6113025904105	6113025904105	6322549836110	6323565566808	6320703211869	6320517011745	6320709817203	6350014404206	6328050001755	6325574507169	6320714773263	6320957023172	6321904016183	6321312817150	6321100403560
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
GAMMA-BHC (LINDANE)	0.00104 U				0.00103 U					0.00106 U	0.00103 U	0.00107 U		0.00105 U			
GAMMA-CHLORDANE	0.00209 U				0.00205 U					0.00212 U	0.00206 U	0.00214 U		0.00211 U			
HEPTACHLOR	0.00417 U				0.0041 U					0.00424 U	0.00413 U	0.00428 U		0.00421 U			
HEPTACHLOR EPOXIDE	0.00417 U				0.0041 U					0.00424 U	0.00413 U	0.00428 U		0.00421 U			
METHOXYCHLOR	0.00313 U				0.00308 U					0.00318 U	0.0031 U	0.00321 U		0.00316 U			
PENTACHLORONITROBENZENE	0.00313 U				0.00308 U					0.00318 U	0.0031 U	0.00321 U		0.00316 U			
TOXAPHENE	0.0104 U				0.0103 U					0.0106 U	0.0103 U	0.0107 U		0.0105 U			
Radiological Parameters (PCi/L)																	
GROSS ALPHA	6.5				1.6 U	2.95 U	2.69	1.4 U	1.65 U	2.4	1.4 U	1.4 U	2.98 U	1.6 U	1.9 U	2.08 U	2.58 U
GROSS BETA	15.4				6.2 U	2.75 U	10.4	5.9 U	7.38	15.4	5.7 U	4.9 U	4.13	5.4 U	5.7 U	2.47 U	2.34 UJ
RADIUM-228		0.75 U	0.745 U	0.74 U													
STRONTIUM-90		1.9 U	1.7 U	1.5 U													
Inorganics (UG/L)																	
ALUMINUM	3.06				8.13	6.34	3.43	8.09	3.09	11.1	2.86	5.33	2.24	2.94	4.48	7.91 U	5.51
ANTIMONY	0.14 U				0.333	0.14 U	0.14 U	0.14 U	0.14 U	0.298	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.951
ARSENIC	4.13				3.71	6.12	4.61 J	3.94	4.77	6.22	4.11	8.37	6.57	7.83	3.61	2.6	6.03
BARIUM	16				23.6	15.9	16.1	14.3	17.2	28.6	15.8	16	14.9	15.3	13.9	13.1	57.7
BERYLLIUM	0.03 U				0.03 U	0.03 U	0.0438	0.03 U	0.03 U	0.0301	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.0592 U	0.0394
CADMIUM	0.04 U				0.04 U	0.04 U	0.04 U	0.0481	0.04 U	0.14	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.35
CALCIUM	125				70	129	102	102	112	196		115	91.4	109	102	106	118
CHROMIUM	1.23 U				0.597	0.93 U	0.291 J	0.322	0.372 U	1.46	0.15 U	0.15 U	0.673	0.15 U	0.326	1.26	0.345
COBALT	0.0526				1.89	0.03 U	0.0785 J	0.0406	0.0751	0.108	0.03 U	0.063	0.03 U	0.0697	0.03 U	0.0724	5.97
COPPER	22.4				64.6	53.2 J	166	170	116	157	9.25	52.3	66.7	30	111	19.5	443
IRON	21.4				10.8	62.6 J	4.7 U	32.2	39.1	592	6.39	5.62	39.4 J	10.4	5.52	16.4	89.8
LEAD	1.89				0.488	0.765	1.08	9.09	0.626	10.7	0.423	1.42	1.02 U	2.54	0.962	2.01	13.2
MAGNESIUM	21.6				22.6	29.9	23.1	24.1	25.9	41.4		26.6	19.2	25.5	23.9	23.9	26.4
MANGANESE	0.414				1.76	1.98 J	8.69 J	0.513	3.06	3.44	0.919	0.12	3	0.581	1.33	2.35	244 J
MERCURY	0.023				0.015 U	0.015 U	0.023	0.017	0.015 U	0.015 U	0.015 U	0.041	0.091 J	0.043	0.032	0.02	0.019
NICKEL	1.1				1.26 J	12.5 J	0.751 J	141	1.59	11.5	0.585	1.19	1.11 U	4.41	43	33.8	324
POTASSIUM	5.79				1.28	2.51	12.2	1.21	4.24	13.8		2.2	10.8	1.58	1.15	1.15	1.78
SELENIUM	0.328				0.2 U	0.204	0.387 J	0.2 U	0.2 U	0.269	0.2 U	0.2 U	0.334	0.2 U	0.249	0.358	0.2 U
SILVER	0.12 U				0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	18.3				4.42	8.32	19.3	4.37	9.08	93.9		5.65	17	5.4	4.3	4.3	5.97
THALLIUM	0.175 U				0.04 U	0.204 U	0.163	0.04 U	0.04 U	0.04 U	0.0828 U	0.04 U	0.342 U	0.04 U	0.04 U	0.468	0.04 U
TIN	0.104				0.1 U	0.101	0.104	0.1 U	0.1 U	0.962	0.1 U	0.198 U	0.1 U	2.09	0.1 U	0.228	10.1
URANIUM	1.56				0.626	1	4.12	0.869	1.67	4.35	1.18	0.878	3.45	0.849	0.848	0.902	0.775
VANADIUM	3.48 U				1.22	1.8 J	2.26 J	1 U	1 U	7.32 U	3.06	3.1	2.05	1.75	1 U	1.54	1 U
ZINC	679				125 J	148 J	57.4	335	825	932	58.7	300	33.9	160	237	71.8	2680 J
Microbiological Parameters																	
FECAL COLIFORM (CFU/100)	1 <				1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
TOTAL COLIFORM (CFU/100)	1 <				1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	2	1 <	1 <
Miscellaneous Parameters (MG/L)																	
CHLORIDE	28.8				8.57	12.8	25.7 J	7.51	13.6	207	10.7	9.53	12.4	8.99	7.26	7.76	12.8
CYANIDE	0.004 U				0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.302				0.2 U	0.2 U	0.381	0.2 U	0.217	0.518	0.2 U	0.2 U	0.213	0.2 U	0.2 U	0.2 U	0.2 U
NITRATE	8.88 J				3.34	3.53	19.1 J	3.1	6.9	11.1 J	3.51 J	3.18	6.17	3.26	3.04	3.01	3.42
NITRITE	0.2 UJ				0.2 U	0.2 U	0.2 UR	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PHOSPHATE	0.4 UJ				0.4 U	0.4 U	0.4 UR	0.4 U	0.4 U	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
SULFATE	11.6				8.51	8.72	33.1	9.07	13.9	32.4	10.3	8.73	12.7	8.31	9.08	8.43	7.79
Field Parameters																	
CHLORINE (MG/L)	0.08	0.1	0.1		0.08	0.14	0.14	0.12	0.02	0.04	0.1	0.02	0.06	0.16	0.12		0.12
DISSOLVED OXYGEN (MG/L)	10.21	9.42	9.42		7.25	9.93	7.27	7.75	5.76	6.44	9.97	9.74	7.78	7.47	9.69	6.49	6.46
OXIDATION REDUCTION POTENTIAL (MV)	541	330	330		585	582	451	574	273	530	525	409	332	588	592	521	534
PH (S.U.)	7.38	7.28	7.28		7.41	7.2	7.13	7.32	7.37	6.89	6.59	7.38	7.41	7.2	7.22	7.34	7.15
SALINITY (%)	0	0	0		0	0	0.02	0	0.02	0.1	0	0	0.02	0	0	0.02	0.02
SPECIFIC CONDUCTANCE (MS/CM)	0.895	0.885	0.885		0.73	0.874	0.775	0.72	0.771	1.8	0.83	0.784	0.66	0.75	0.727	0.685	0.794
TEMPERATURE (C)	12.99	17.72	17.72		14.59	9.6	20.67	13.58	16.86	20.94	17.26	11.83	14.37	13.6	11.2	17.14	19.07
TURBIDITY (NTU)	0	1.8	1.8		0	35.9	0	0	0.3		4.2	1.3	0	3	12.3	0.2	0

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 04
SOIL CONTAMINANTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0771	1562	1569	1872	2060	2060	2060	2073	2093
Sample ID	0771SS0010006	1562SS0010006	1569SS0010006	1872SS0010006	2060SS0010006	2060SS0010006-AVG	2060SS0010006-D	2073SS0010006	2093SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL					RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID	6322549836110	6323565566808	6320517011745	6328050001755	6325574507169	6325574507169	6325574507169	6320957023172	6321904016183
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/KG)									
1,2,3,4,6,7,8,9-OCDD	44	8.1 J	6.6 J	8.9 J	15	12.35 J	9.7 J	63	32
1,2,3,4,6,7,8,9-OCDF	1.2 U	1.1 J	0.79 U	1.1 U	1.3 J	0.8475 J	0.79 U	5.2 J	1.4 U
1,2,3,4,6,7,8-HPCDD	6.8	1.7 U	1.3 J	2.2 J	3 J	1.95 J	1.8 U	8.9	5.7 J
1,2,3,4,6,7,8-HPCDF	2.2 U	0.83 U	1 U	1.5 U	2.3 J	1.3475 J	0.79 U	3.1 U	3.5 J
1,2,3,4,7,8,9-HPCDF	0.2 J	0.183 U	0.11 J	0.21 J	0.35 J	0.235 J	0.12 J	0.22 J	0.38 J
1,2,3,4,7,8-HXCDD	0.14 J	0.183 U	0.066 U	0.078 U	0.15 U	0.145 U	0.14 U	0.26 U	0.28 J
1,2,3,4,7,8-HXCDF	0.98 J	0.193 U	0.25 U	0.36 U	0.78 J	0.47 J	0.32 U	1.1 J	0.76 J
1,2,3,6,7,8-HXCDD	0.4 J	0.23 U	0.11 U	0.2 U	0.23 U	0.18 U	0.13 U	0.37 U	0.61 J
1,2,3,6,7,8-HXCDF	0.32 J	0.21 J	0.15 U	0.26 U	0.55 J	0.3375 J	0.25 U	0.7 J	0.69 J
1,2,3,7,8,9-HXCDD	0.34 J	0.19 J	0.079 U	0.23 J	0.2 J	0.13 J	0.12 U	0.16 J	0.41 J
1,2,3,7,8,9-HXCDF	0.091015 U	0.213 U	0.085 U	0.061 U	0.121 J	0.121 J	0.15 U	0.12 U	0.096 U
1,2,3,7,8-PECDD	0.11 U	0.088 U	0.071252 U	0.061 U	0.18 U	0.17 U	0.16 U	0.38 U	0.21 U
1,2,3,7,8-PECDF	0.32 J	0.083 J	0.29 J	0.37 J	0.48 J	0.27825 J	0.153 U	1.3	0.45 J
2,3,4,6,7,8-HXCDF	0.42 J	0.193 U	0.3 J	0.27 J	0.82 J	0.56 J	0.3 J	0.82 J	1.1 J
2,3,4,7,8-PECDF	0.45 U	0.12 U	0.25 U	0.3 U	0.61 J	0.375 J	0.28 U	0.87 J	0.59 U
2,3,7,8-TCDD	0.059 U	0.133 U	0.074 U	0.049 J	0.113 U	0.1265 U	0.14 U	0.1 U	0.072 U
2,3,7,8-TCDF	0.46 U	0.37 U	0.35 U	0.36 U	0.46 U	0.35 U	0.24 U	0.64 U	0.45 U
TEQ	0.3528	0.04525	0.05478	0.13687	0.50589	0.321982	0.03411	0.68966	0.5039
TOTAL HPCDD	13 J	3.2 J	2.6 J	3.8 J	6.3 J	5.1 J	3.9 J	16 J	11 J
TOTAL HPCDF	5 J	1.7 J	1.8 J	2.6 J	4.3 J	2.95 J	1.6 J	7.2 J	6.5 J
TOTAL HXCDD	4.9 J	1.8 J	1.6 J	2.7 J	4.2 J	3.15 J	2.1 J	3.8	7.7 J
TOTAL HXCDF	5.5 J	1.3 J	2.1 J	3.2 J	6.8 J	5.05 J	3.3 J	11 J	11 J
TOTAL PECDD	2 J	0.088 U	0.68 J	1.3 J	2.8 J	1.44 J	0.16 U	1 J	4.5 J
TOTAL PECDF	5.6 J	0.2 J	1.3 J	2.7 J	7 J	4.2 J	1.4 J	14 J	8 J
TOTAL TCDD	2.1 J	1 J	1.2 J	0.97 J	2.6	2.05 J	1.5 J	2.2	3.9
TOTAL TCDF	4.9 J	0.91 J	1.8 J	3.2 J	6 J	3.25 J	0.5 J	7.4 J	7.7 J
Volatile Organics (MG/KG)									
1,1,1,2-TETRACHLOROETHANE	0.000404 U	0.000384 U	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
1,1,1-TRICHLOROETHANE	0.000539 U	0.000512 U	0.00055 U	0.000523 U	0.000532 U	0.000538 U	0.000544 U	0.000537 U	0.000522 U
1,1,2,2-TETRACHLOROETHANE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
1,1,2-TRICHLOROETHANE	0.000404 U	0.000384 U	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.000944 U	0.000896 U	0.000962 U	0.000915 U	0.000932 U	0.000942 U	0.000952 U	0.00094 U	0.000913 U
1,1-DICHLOROETHANE	0.000944 U	0.000896 U	0.000962 U	0.000915 U	0.000932 U	0.000942 U	0.000952 U	0.00094 U	0.000913 U
1,1-DICHLOROETHENE	0.000674 U	0.00064 U	0.000687 U	0.000654 U	0.000666 U	0.000673 U	0.00068 U	0.000672 U	0.000652 U
1,2,3-TRICHLOROBENZENE	0.000674 U	0.00064 U	0.000687 U	0.000654 U	0.000666 U	0.000673 U	0.00068 U	0.000672 U	0.000652 U
1,2,3-TRICHLOROPROPANE	0.000404 U	0.000384 U	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
1,2,4-TRICHLOROBENZENE	0.000404 U	0.000384 U	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
1,2,4-TRIMETHYLBENZENE	0.000539 U	0.000512 U	0.00055 U	0.000523 U	0.000532 U	0.000538 U	0.000544 U	0.000537 U	0.000522 U
1,2-DIBROMO-3-CHLOROPROPANE	0.000539 U	0.000512 U	0.00055 U	0.000523 U	0.000532 U	0.000538 U	0.000544 U	0.000537 U	0.000522 U
1,2-DIBROMOETHANE	0.000135 U	0.000128 U	0.000137 U	0.000131 U	0.000133 U	0.000135 U	0.000136 U	0.000134 U	0.00013 U
1,2-DICHLOROBENZENE	0.000135 U	0.000128 U	0.000137 U	0.000131 U	0.000133 U	0.000135 U	0.000136 U	0.000134 U	0.00013 U
1,2-DICHLOROETHANE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
1,2-DICHLOROPROPANE	0.000404 U	0.000384 U	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
1,2-DICHLOROTETRAFLUOROETHANE	0.000809 U	0.000768 U	0.000825 U	0.000784 U	0.000799 UR	0.000808 UR	0.000816 UR	0.000806 U	0.000782 U
1,3,5-TRIMETHYLBENZENE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
1,3-DICHLOROBENZENE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
1,3-DICHLOROPROPANE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
1,4-DICHLOROBENZENE	0.000135 U	0.000128 U	0.000137 U	0.000131 U	0.000133 U	0.000135 U	0.000136 U	0.000134 U	0.00013 U
2,2-DICHLOROPROPANE	0.000674 U	0.00064 U	0.000687 U	0.000654 U	0.000666 U	0.000673 U	0.00068 U	0.000672 U	0.000652 U
2-BUTANONE	0.00243 U	0.00231 U	0.00247 U	0.00235 U	0.0024 U	0.002425 U	0.00245 U	0.00242 U	0.00235 U
2-CHLOROTOLUENE	0.000404 U	0.000384 U	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
2-HEXANONE	0.00135 U	0.00128 U	0.00137 U	0.00131 U	0.00133 U	0.001345 U	0.00136 U	0.00134 U	0.0013 U
4-CHLOROTOLUENE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
4-ISOPROPYLTOLUENE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
4-METHYL-2-PENTANONE	0.000404 U	0.000384 U	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
ACETONE	0.00782 U	0.0147 J	0.00797 U	0.00758 U	0.00772 U	0.007805 U	0.00789 U	0.00779 U	0.00756 U
ACROLEIN	0.00688 U	0.00653 U	0.00701 U	0.00667 U	0.00679 U	0.006865 U	0.00694 U	0.00685 U	0.00665 U
BENZENE	0.000404 U	0.00378 J	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
BROMOCHLOROMETHANE	0.000539 U	0.000512 U	0.00055 U	0.000523 U	0.000532 U	0.000538 U	0.000544 U	0.000537 U	0.000522 U
BROMODICHLOROMETHANE	0.000539 U	0.000512 U	0.00055 U	0.000523 U	0.000532 U	0.000538 U	0.000544 U	0.000537 U	0.000522 U
BROMOFORM	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 04
SOIL CONTAMINANTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0771	1562	1569	1872	2060	2060	2060	2073	2093
Sample ID	0771SS0010006	1562SS0010006	1569SS0010006	1872SS0010006	2060SS0010006	2060SS0010006-AVG	2060SS0010006-D	2073SS0010006	2093SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL					RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID	6322549836110	6323565566808	6320517011745	6328050001755	6325574507169	6325574507169	6325574507169	6320957023172	6321904016183
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BROMOMETHANE	0.00404 U	0.00384 U	0.00412 U	0.00392 U	0.00399 UR	0.004035 UR	0.00408 UR	0.00403 U	0.00391 U
CARBON TETRACHLORIDE	0.000539 U	0.000512 U	0.00055 U	0.000523 U	0.000532 U	0.000538 U	0.000544 U	0.000537 U	0.000522 U
CHLOROBENZENE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
CHLORODIBROMOMETHANE	0.000135 U	0.000128 U	0.000137 U	0.000131 U	0.000133 U	0.000135 U	0.000136 U	0.000134 U	0.00013 U
CHLOROETHANE	0.000539 U	0.000512 U	0.00055 U	0.000523 U	0.000532 UR	0.000538 UR	0.000544 UR	0.000537 U	0.000522 U
CHLOROFORM	0.000944 U	0.000896 U	0.000962 U	0.000915 U	0.000932 U	0.000942 U	0.000952 U	0.00094 U	0.000913 U
CHLOROMETHANE	0.00121 U	0.00115 U	0.00124 U	0.00118 U	0.0012 U	0.00121 U	0.00122 U	0.00121 U	0.00117 U
CIS-1,2-DICHLOROETHENE	0.000944 U	0.000896 U	0.000962 U	0.000915 U	0.000932 U	0.000942 U	0.000952 U	0.00094 U	0.000913 U
CIS-1,3-DICHLOROPROPENE	0.000135 U	0.000128 U	0.000137 U	0.000131 U	0.000133 U	0.000135 U	0.000136 U	0.000134 U	0.00013 U
DICHLORODIFLUOROMETHANE	0.000404 U	0.000384 U	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
ETHYLBENZENE	0.000404 U	0.000384 U	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
ISOPROPYLBENZENE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
M+P-XYLENES	0.000809 U	0.000768 U	0.000825 U	0.000784 U	0.000799 U	0.000808 U	0.000816 U	0.000806 U	0.000782 U
METHYL TERT-BUTYL ETHER	0.000674 U	0.00064 U	0.000687 U	0.000654 U	0.000666 U	0.000673 U	0.00068 U	0.000672 U	0.000652 U
METHYLENE CHLORIDE	0.00135 U	0.00128 U	0.00137 U	0.00131 U	0.00133 U	0.001345 U	0.00136 U	0.00134 U	0.0013 U
N-BUTYLBENZENE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
N-PROPYLBENZENE	0.000404 U	0.000384 U	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
O-XYLENE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
SEC-BUTYLBENZENE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
STYRENE	0.00027 U	0.000256 U	0.000275 U	0.000261 U	0.000266 U	0.000269 U	0.000272 U	0.000269 U	0.000261 U
TERT-BUTYLBENZENE	0.000539 U	0.000512 U	0.00055 U	0.000523 U	0.000532 U	0.000538 U	0.000544 U	0.000537 U	0.000522 U
TETRACHLOROETHENE	0.000809 U	0.000768 U	0.000825 U	0.000784 U	0.000799 U	0.000808 U	0.000816 U	0.000806 U	0.000782 U
TOLUENE	0.000674 U	0.00627 J	0.000687 J	0.000654 U	0.000666 U	0.000673 U	0.00068 U	0.0089 J	0.000652 U
TRANS-1,2-DICHLOROETHENE	0.000809 U	0.000768 U	0.000825 U	0.000784 U	0.000799 U	0.000808 U	0.000816 U	0.000806 U	0.000782 U
TRANS-1,3-DICHLOROPROPENE	0.000404 U	0.000384 U	0.000412 U	0.000392 U	0.000399 U	0.000404 U	0.000408 U	0.000403 U	0.000391 U
TRICHLOROETHENE	0.000674 U	0.00064 U	0.000687 U	0.000654 U	0.000666 U	0.000673 U	0.00068 U	0.000672 U	0.000652 U
TRICHLOROFLUOROMETHANE	0.00108 U	0.00102 U	0.0011 U	0.00105 U	0.00106 UJ	0.001075 UJ	0.00109 UJ	0.00107 U	0.00104 U
VINYL CHLORIDE	0.000539 U	0.000512 U	0.00055 U	0.000523 U	0.000532 U	0.000538 U	0.000544 U	0.000537 U	0.000522 U
Semivolatile Organics (MG/KG)									
1,1-BIPHENYL	0.0201 U	0.019 U	0.0206 U	0.0305 U	0.02 U	0.0201 U	0.0202 U	0.02 U	0.0324 U
1,2,4,5-TETRACHLOROBENZENE	0.016 U	0.0152 U	0.0165 U	0.0244 U	0.016 U	0.0161 U	0.0162 U	0.016 U	0.0259 U
2,3,4,6-TETRACHLOROPHENOL	0.095 UJ	0.0899 U	0.0974 UJ	0.145 UJ	0.0949 U	0.09525 U	0.0956 U	0.0944 U	0.153 U
2,4,5-TRICHLOROPHENOL	0.165 UJ	0.156 U	0.169 UJ	0.25 UJ	0.164 U	0.165 U	0.166 U	0.164 U	0.266 U
2,4,6-TRICHLOROPHENOL	0.0883 UJ	0.0835 U	0.0905 UJ	0.134 UJ	0.0882 U	0.08855 U	0.0889 U	0.0878 U	0.143 U
2,4-DICHLOROPHENOL	0.103 UJ	0.0974 U	0.106 UJ	0.157 UJ	0.103 U	0.1035 U	0.104 U	0.102 U	0.166 U
2,4-DIMETHYLPHENOL	0.198 UJ	0.187 U	0.203 UJ	0.301 UJ	0.198 U	0.1985 U	0.199 U	0.197 U	0.32 U
2,4-DINITROPHENOL	0.0736 UJ	0.0696 U	0.0754 UJ	0.112 UJ	0.0735 U	0.0738 U	0.0741 U	0.0732 U	0.119 U
2,4-DINITROTOLUENE	0.0241 U	0.0228 U	0.0247 U	0.0367 U	0.0241 U	0.02415 U	0.0242 U	0.0239 U	0.0389 U
2,6-DICHLOROPHENOL	0.0629 UJ	0.0595 U	0.0645 UJ	0.0957 UJ	0.0628 U	0.06305 U	0.0633 U	0.0625 U	0.102 U
2,6-DINITROTOLUENE	0.0201 U	0.019 U	0.0206 U	0.0305 U	0.02 U	0.0201 U	0.0202 U	0.02 U	0.0324 U
2-CHLORONAPHTHALENE	0.0107 U	0.0101 U	0.011 U	0.0163 U	0.0107 U	0.01075 U	0.0108 U	0.0106 U	0.0173 U
2-CHLOROPHENOL	0.0669 UJ	0.0633 U	0.0686 UJ	0.102 UJ	0.0668 U	0.0671 U	0.0674 U	0.0665 U	0.108 U
2-METHYLNAPHTHALENE	0.0227 U	0.0215 U	0.0233 U	0.0346 U	0.0227 U	0.0228 U	0.0229 U	0.0226 U	0.0367 U
2-METHYLPHENOL	0.134 UJ	0.127 U	0.137 UJ	0.204 UJ	0.134 U	0.1345 U	0.135 U	0.133 U	0.216 U
2-NITROPHENOL	0.0843 UJ	0.0797 U	0.0864 UJ	0.128 UJ	0.0842 U	0.08455 U	0.0849 U	0.0838 U	0.136 U
3&4-METHYLPHENOL	0.154 UJ	0.146 U	0.158 UJ	0.234 UJ	0.154 U	0.1545 U	0.155 U	0.153 U	0.249 U
3-NITROANILINE	0.0241 U	0.0228 U	0.0247 U	0.0367 U	0.0241 UJ	0.02415 UJ	0.0242 UJ	0.0239 U	0.0389 U
4,6-DINITRO-2-METHYLPHENOL	0.0896 UJ	0.0848 U	0.0919 UJ	0.136 UJ	0.0895 U	0.08985 U	0.0902 U	0.0891 U	0.145 U
4-BROMOPHENYL PHENYL ETHER	0.016 U	0.0152 U	0.0165 U	0.0244 U	0.016 U	0.0161 U	0.0162 U	0.016 U	0.0259 U
4-CHLORO-3-METHYLPHENOL	0.118 UJ	0.111 U	0.121 UJ	0.179 UJ	0.118 U	0.1185 U	0.119 U	0.117 U	0.19 U
4-CHLOROANILINE	0.0308 U	0.0291 U	0.0315 U	0.0468 U	0.0307 U	0.03085 U	0.031 U	0.0306 U	0.0497 U
4-NITROANILINE	0.0588 U	0.0557 U	0.0603 U	0.0896 U	0.0588 U	0.05905 U	0.0593 U	0.0585 U	0.0951 U
4-NITROPHENOL	0.158 UJ	0.149 U	0.162 UJ	0.24 UJ	0.158 U	0.1585 U	0.159 U	0.157 U	0.255 U
ACENAPHTHENE	0.0134 U	0.0127 U	0.0137 U	0.0204 U	0.0134 U	0.01345 U	0.0135 U	0.0133 U	0.0216 U
ACENAPHTHYLENE	0.012 U	0.0114 U	0.0123 U	0.0183 U	0.012 U	0.01205 U	0.0121 U	0.012 U	0.0195 U
ANILINE	0.0268 U	0.0253 U	0.0274 U	0.0407 U	0.0267 U	0.0268 U	0.0269 U	0.0266 U	0.0432 U
ANTHRACENE	0.016 U	0.0152 U	0.0165 U	0.0244 U	0.016 U	0.0161 U	0.0162 U	0.016 U	0.0259 U
ATRAZINE	0.0348 U	0.0329 U	0.0357 U	0.0529 U	0.0347 U	0.03485 U	0.035 U	0.0346 U	0.0562 U
BAP EQUIVALENT	0.00029	0.0215 U	0.0233 U	0.0346 U	0.024764	0.018557	0.0229 U	0.0226 U	0.0367 U
BENZO(A)ANTHRACENE	0.0214 U	0.0202 U	0.0219 U	0.0326 U	0.0214 U	0.0215 U	0.0216 U	0.0213 U	0.0346 U
BENZO(A)PYRENE	0.0227 U	0.0215 U	0.0233 U	0.0346 U	0.0227 U	0.0228 U	0.0229 U	0.0226 U	0.0367 U
BENZO(B)FLUORANTHENE	0.0268 U	0.0253 U	0.0274 U	0.0407 U	0.0267 U	0.0268 U	0.0269 U	0.0266 U	0.0432 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 04
SOIL CONTAMINANTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0771	1562	1569	1872	2060	2060	2060	2073	2093
Sample ID	0771SS0010006	1562SS0010006	1569SS0010006	1872SS0010006	2060SS0010006	2060SS0010006-AVG	2060SS0010006-D	2073SS0010006	2093SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL					RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID	6322549836110	6323565566808	6320517011745	6328050001755	6325574507169	6325574507169	6325574507169	6320957023172	6321904016183
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BENZO(G,H,I)PERYLENE	0.0374 U	0.0354 U	0.0384 U	0.057 U	0.0374 U	0.03755 U	0.0377 U	0.0372 U	0.0605 U
BENZO(K)FLUORANTHENE	0.0263 J	0.0228 U	0.0247 U	0.0367 U	0.0241 J	0.0241 J	0.0242 U	0.0239 U	0.0389 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.155 J	0.133 U	0.144 U	0.214 U	0.14 U	0.1405 U	0.141 U	0.14 U	0.227 U
BUTYL BENZYL PHTHALATE	0.0401 U	0.038 U	0.0411 U	0.0611 U	0.0401 U	0.04025 U	0.0404 U	0.0399 U	0.0648 U
CARBAZOLE	0.0241 U	0.0228 U	0.0247 U	0.0367 U	0.0241 UJ	0.02415 UJ	0.0242 UJ	0.0239 U	0.0389 U
CHRYSENE	0.0272 J	0.0165 U	0.0178 U	0.0265 U	0.0235 J	0.016125 J	0.0175 U	0.0173 U	0.0281 U
DI-N-BUTYL PHTHALATE	0.0575 J	0.0544 U	0.059 U	0.0876 U	0.0575 J	0.0575 J	0.0579 U	0.0572 U	0.0929 U
DI-N-OCTYL PHTHALATE	0.0268 U	0.0253 U	0.0274 U	0.0407 U	0.0267 U	0.0268 U	0.0269 U	0.0266 U	0.0432 U
DIBENZO(A,H)ANTHRACENE	0.0241 U	0.0228 U	0.0247 U	0.0367 U	0.0245 J	0.0183 J	0.0242 U	0.0239 U	0.0389 U
DIBENZOFURAN	0.0134 U	0.0127 U	0.0137 U	0.0204 U	0.0134 U	0.01345 U	0.0135 U	0.0133 U	0.0216 U
DIETHYL PHTHALATE	0.0227 U	0.0215 U	0.0233 U	0.0346 U	0.0227 U	0.0228 U	0.0229 U	0.0226 U	0.0367 U
DIMETHYL PHTHALATE	0.0174 U	0.0165 U	0.0178 U	0.0265 U	0.0174 U	0.01745 U	0.0175 U	0.0173 U	0.0281 U
DIPHENYLAMINE	0.0695 U	0.0658 U	0.0713 U	0.106 U	0.0695 U	0.06975 U	0.07 U	0.0692 U	0.112 U
FLUORANTHENE	0.0305 J	0.024 U	0.0261 U	0.0387 U	0.0254 U	0.0255 U	0.0256 U	0.0253 U	0.0411 U
FLUORENE	0.016 U	0.0152 U	0.0165 U	0.0244 U	0.016 U	0.0161 U	0.0162 U	0.016 U	0.0259 U
HEXACHLOROBENZENE	0.0147 U	0.0139 U	0.0151 U	0.0224 U	0.0147 U	0.01475 U	0.0148 U	0.0146 U	0.0238 U
HEXACHLOROBUTADIENE	0.0134 U	0.0127 U	0.0137 U	0.0204 U	0.0134 U	0.01345 U	0.0135 U	0.0133 U	0.0216 U
HEXACHLOROCYCLOPENTADIENE	0.0187 U	0.0177 U	0.0192 U	0.0285 U	0.0187 UJ	0.0188 UJ	0.0189 UJ	0.0186 U	0.0303 U
HEXACHLOROETHANE	0.0147 U	0.0139 U	0.0151 U	0.0224 U	0.0147 U	0.01475 U	0.0148 U	0.0146 U	0.0238 U
INDENO(1,2,3-CD)PYRENE	0.0588 U	0.0557 U	0.0603 U	0.0896 U	0.0588 U	0.05905 U	0.0593 U	0.0585 U	0.0951 U
NAPHTHALENE	0.00802 U	0.00759 U	0.00823 U	0.0122 U	0.00802 U	0.00805 U	0.00808 U	0.00798 U	0.013 U
NITROBENZENE	0.0201 U	0.019 U	0.0206 U	0.0305 U	0.02 U	0.0201 U	0.0202 U	0.02 U	0.0324 U
O-TOLUIDINE	0.0241 U	0.0228 U	0.0247 U	0.0367 U	0.0241 U	0.02415 U	0.0242 U	0.0239 U	0.0389 U
PENTACHLOROBENZENE	0.0374 U	0.0354 U	0.0384 U	0.057 U	0.0374 U	0.03755 U	0.0377 U	0.0372 U	0.0605 U
PENTACHLOROPHENOL	0.206 UJ	0.195 U	0.211 UJ	0.314 UJ	0.206 U	0.2065 U	0.207 U	0.205 U	0.333 U
PHENANTHRENE	0.0401 U	0.038 U	0.0411 U	0.0611 U	0.0401 U	0.04025 U	0.0404 U	0.0399 U	0.0648 U
PHENOL	0.0455 UJ	0.043 U	0.0466 UJ	0.0692 UJ	0.0454 U	0.0456 U	0.0458 U	0.0452 U	0.0735 U
PYRENE	0.0261 J	0.0228 U	0.0247 U	0.0367 U	0.0241 J	0.0241 J	0.0242 U	0.0239 U	0.0389 U
Pesticides/PCBs (MG/KG)									
4,4'-DDD	0.000719 U	0.000685 U	0.000718 U	0.000668 U	0.000705 U	0.0007 U	0.000693 U	0.000679 U	0.000647 U
4,4'-DDE	0.000706 U	0.000672 U	0.000704 U	0.000656 U	0.000692 U	0.000686 U	0.00068 U	0.000667 U	0.000635 U
4,4'-DDT	0.000946 U	0.0009 U	0.000944 U	0.000879 U	0.000926 UJ	0.000919 UJ	0.000911 UJ	0.000893 U	0.000851 U
ALDRIN	0.000573 U	0.000545 U	0.000571 U	0.000532 U	0.000561 U	0.000557 U	0.000552 U	0.000541 U	0.000515 U
ALPHA-BHC	0.000706 U	0.000672 U	0.000704 U	0.000656 U	0.000692 U	0.000686 U	0.00068 U	0.000667 U	0.000635 U
ALPHA-CHLORDANE	0.000573 U	0.000545 U	0.000571 U	0.000532 U	0.000561 U	0.000557 U	0.000552 U	0.000541 U	0.000515 U
AROCLOR-1016	0.00932 U	0.00888 U	0.0093 U	0.00866 U	0.00913 U	0.009055 U	0.00898 U	0.0088 U	0.00839 U
AROCLOR-1221	0.00932 U	0.00888 U	0.0093 U	0.00866 U	0.00913 U	0.009055 U	0.00898 U	0.0088 U	0.00839 U
AROCLOR-1232	0.00932 U	0.00888 U	0.0093 U	0.00866 U	0.00913 U	0.009055 U	0.00898 U	0.0088 U	0.00839 U
AROCLOR-1242	0.00932 U	0.00888 U	0.0093 U	0.00866 U	0.00913 U	0.009055 U	0.00898 U	0.0088 U	0.00839 U
AROCLOR-1248	0.00932 U	0.00888 U	0.0093 U	0.00866 U	0.00913 U	0.009055 U	0.00898 U	0.0088 U	0.00839 U
AROCLOR-1254	0.00932 U	0.00888 U	0.0093 U	0.00866 U	0.00913 U	0.009055 U	0.00898 U	0.0088 U	0.00839 U
AROCLOR-1260	0.00932 U	0.00888 U	0.0093 U	0.00866 U	0.00913 U	0.009055 U	0.00898 U	0.0088 U	0.00839 U
BETA-BHC	0.000866 U	0.000824 U	0.000864 U	0.000805 U	0.000848 U	0.000841 U	0.000834 U	0.000817 U	0.000779 U
DELTA-BHC	0.000786 U	0.000748 U	0.000784 U	0.00073 U	0.00077 UJ	0.000764 UJ	0.000757 UJ	0.000742 U	0.000707 U
DIELDRIN	0.000799 U	0.000761 U	0.000797 U	0.000743 U	0.000783 U	0.000777 U	0.00077 U	0.000755 U	0.000719 U
ENDOSULFAN I	0.000719 U	0.000685 U	0.000718 U	0.000668 U	0.000705 U	0.0007 U	0.000693 U	0.000679 U	0.000647 U
ENDOSULFAN II	0.000573 U	0.000545 U	0.000571 U	0.000532 U	0.000561 U	0.000557 U	0.000552 U	0.000541 U	0.000515 U
ENDOSULFAN SULFATE	0.000813 U	0.000773 U	0.000811 U	0.000755 U	0.000796 U	0.00079 U	0.000783 U	0.000767 U	0.000731 U
ENDRIN	0.000919 U	0.000875 U	0.000917 U	0.000854 U	0.0009 UJ	0.000893 UJ	0.000886 UJ	0.000868 U	0.000827 U
ENDRIN ALDEHYDE	0.000826 U	0.000786 U	0.000824 U	0.000767 U	0.000809 U	0.000803 U	0.000796 U	0.00078 U	0.000743 U
GAMMA-BHC (LINDANE)	0.000679 U	0.000647 U	0.000678 U	0.000631 U	0.000666 U	0.000661 U	0.000655 U	0.000641 U	0.000611 U
GAMMA-CHLORDANE	0.000626 U	0.000596 U	0.000625 U	0.000582 U	0.000613 U	0.000609 U	0.000603 U	0.000591 U	0.000563 U
HEPTACHLOR	0.000813 U	0.000773 U	0.000811 U	0.000755 U	0.000796 UJ	0.00079 UJ	0.000783 UJ	0.000767 U	0.000731 U
HEPTACHLOR EPOXIDE	0.000626 U	0.000596 U	0.000625 U	0.000582 U	0.000613 U	0.000609 U	0.000603 U	0.000591 U	0.000563 U
METHOXYCHLOR	0.00101 U	0.000964 U	0.00101 U	0.000941 U	0.000992 UJ	0.000984 UJ	0.000975 UJ	0.000956 U	0.000911 U
PENTACHLORONITROBENZENE	0.000666 U	0.000634 U	0.000665 U	0.000619 U	0.000652 U	0.000647 U	0.000642 U	0.000629 U	0.000599 U
TOXAPHENE	0.00799 U	0.00761 U	0.00797 U	0.00743 U	0.00783 U	0.007765 U	0.0077 U	0.00755 U	0.00719 U
Inorganics (MG/KG)									
ALUMINUM	66100	39700	29900	41100	25400 J	24500 J	23600 J	24500	37600
ANTIMONY	0.636	0.449	0.34	0.407	0.476	0.4805	0.485	0.276	0.537
ARSENIC	18.7	11.5	9.44	12.6	14.3	14.2	14.1	9.45	12.1
BARIUM	472	282	333	320	196 J	188 J	180 J	172	254

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 04
SOIL CONTAMINANTS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0771	1562	1569	1872	2060	2060	2060	2073	2093
Sample ID	0771SS0010006	1562SS0010006	1569SS0010006	1872SS0010006	2060SS0010006	2060SS0010006-AVG	2060SS0010006-D	2073SS0010006	2093SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL					RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04	STUDY AREA 04
Premise ID	6322549836110	6323565566808	6320517011745	6328050001755	6325574507169	6325574507169	6325574507169	6320957023172	6321904016183
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BERYLLIUM	7.24	4.95	3.35	4.03	3.2	3.095	2.99	2.83	4.56
CADMIUM	0.167	0.366	0.118	0.0953	0.4	0.472	0.544	0.364	0.14
CHROMIUM	4.76	5.68	3.74	3.01	9.62	8.52	7.42	2.47	7.1
COBALT	7.24	4.58	4.08	4.27	4.5	4.335	4.17	4	5.92
COPPER	37.5	19.2	30.7	14.9	44.2	45	45.8	12.3	61.4
IRON	29300	18300	15200	17200	17400 J	16050 J	14700 J	14000	19500
LEAD	46.7	30.1	52	33.7	32.7	31.8	30.9	21.9	47.8
MANGANESE	844	583	584	547	421 J	411 J	401 J	422	692
MERCURY	0.103 U	0.1 U	0.102 U	0.0932 U	0.0968 U	0.0968 U	0.0968 U	0.103 U	0.114
NICKEL	5.45	4.35	3.64	3.51	3	2.995	2.99	2.94	6.66
SELENIUM	0.187	0.144	0.083 U	0.0777 U	0.128	0.129	0.13	0.0877	0.106
SILVER	0.146	0.173	0.104 U	0.0972 U	0.104 U	0.104 U	0.104 U	0.103 U	0.101 U
THALLIUM	1.85 U	1.05 U	1.16	1.07	1.14 U	1.07 U	1 U	1.26 U	1.38
TIN	3.63	2.57	2.26	2.57	2.33	2.155	1.98	1.87	3.23
VANADIUM	45.8	39	29	34.3	43.3	39	34.7	33.3	40.1
ZINC	87.1	53.3	63.5	40.8	59	59.4	59.8	41.7	83.8
Miscellaneous Parameters (MG/KG)									
CYANIDE	0.161 U	0.153 U	0.165 U	0.157 U	0.157 U	0.16 U	0.163 U	0.159 U	0.156 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 5

SOIL GAS DATA
WATER DATA
SOIL DATA

STUDY AREA 05
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0564	0564	0564	0574	0882	0894	0917	0923	0975	1020	1119	1120	1132
Sample ID	0564SG001	0564SG001-AVG	0564SG001-D	0574SG001	0882SG001	0894SG001	0917SG001	0923SG001	0975SG001	1020SG001	1119SG001	1120SG001	1132SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090317	20090317	20090317	20090316	20090416	20090219	20090325	20090312	20090220	20090319	20090306	20090130	20090227
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6178343002170	6178343002170	6178343002170	6178340602128	6322769404134	6322768906220	6322768076430	6322769410208	6322768722200	6322768502530	6322976024558	6322980422160	6322979603358
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)													
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	16.8	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.379	0.15 U	0.15 U	0.15 U	0.15 U	0.461	0.15 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.735	0.7655	0.796	0.401	0.08 U	0.544	0.08 U	0.793	0.504	0.69	1.15	0.703	0.494
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	2.12	0.4 U	0.4 U	0.4 UR	1.84
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 U	0.19 U	0.19 U	1.47	0.19 U	1.29	0.19 U	3.19 U	1.3	0.19 U	1.21	0.19 UR	1.26
1,2,4-TRIMETHYLBENZENE	0.869	1.0995	1.33	0.776	1.13	0.215	0.25	0.93	0.178 J	1.65	1.67	0.358	0.172 J
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.165 J	0.1 U	0.1 U	0.158 J	0.1 U	0.1 U	0.1 U	0.158 J
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	3.15	0.09 U	0.09 U	0.09 U	0.284	1.69	0.181 J
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.382	0.2035	0.05 U	0.05	0.05 U	0.106 J	0.05 U	0.05 U	0.0826 J	0.378	0.465	0.05 U	0.104 J
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.173 J	0.09 U	0.135 J	0.09 U	0.09 U	0.124 J	0.09 U	0.09 U	0.09 U	0.134 J
1,4-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.471	0.09 U	0.09 U	0.437	0.09 U	0.661	0.09 U	0.51
2-BUTANONE	9.37	9.59	9.81	1.14	3.06	0.525 J	2.29	2.98	0.491 J	3.23	2.05	0.768	0.669 J
ACETONE	41.2	41	40.8	5.6	14.2	5.59	16	26	5.7	15	19	5.54	5.71
ACETONITRILE	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.973	0.38 U	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	4.83 J	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	16.4	1.02 U	1.02 U
ACROLEIN	0.41 U	0.41 U	0.41 U	0.41 U	2.02	0.41 U	3.51	0.41 U	0.41 U	0.41 U	2.51	0.508 J	0.41 U
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.427 J	0.8985 J	1.37 J	1.27	0.438	0.112 J	0.592	1.45	0.0881 J	7.32	1.11	0.321	0.23
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	0.1 U	0.1 U	0.1 U	0.1 U	1.14	0.1 U	1.45	0.1 U	0.102 J	0.1 U	0.801	0.468	0.1 U
CARBON TETRACHLORIDE	0.13 U	0.1675 J	0.27 J	0.364	0.13 U	0.553	0.13 U	0.13 U	0.53	0.13 U	0.415	0.13 U	0.13 U
CHLOROBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	1.13	1.2	1.27	0.11 U	0.11 U	2.25	2.45	14.9	46.8	1.14	1.44	1.35	0.163 J
CHLOROMETHANE	0.07 U	0.07 U	0.07 U	0.929	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	1.05 J	0.5525 J	0.11 UJ	0.594	4.3	0.11 U	1.38	0.11 U	0.11 U	0.11 U	6.21	0.11 U	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2.1	2.07	2.04	1.08	57.7	1.53	15.4	1.58	1.48	2.76	23.6	2.29	0.18 U
ETHYLBENZENE	0.03 U	0.03 U	0.03 U	0.594 U	0.792	0.0879 J	0.469	4.84	0.0679 J	3.47	1.02	0.296	0.201
HEXACHLOROBUTADIENE	0.24 U	0.24 U	0.24 U	1.11	0.24 U	1.51	0.24 U	2.38 U	1.44	0.24 U	0.24 U	0.24 U	1.45
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	0.438	0.4795	0.521	0.418	2.11	0.17 U	0.362	1.51	0.17 U	1.18	12.2	0.476	0.17 U
ISOBUTANOL	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.231	0.07 U	0.07 U	0.07 U
M+P-XYLENES	0.09 U	0.09 U	0.09 U	2.19	2.03	0.248	0.678	4.86	0.198 J	4.86	3.52	0.635	0.35
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.491 J	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.08 U	0.08 U	0.08 U	0.08 U	6.42	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	3.22	0.254	0.08 U
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.111 J	0.0755 J	0.08 U	0.412	4.81	0.08 U	0.08 U	0.104 J	0.21	0.08 U	9.71	0.173 J	0.08 U
O-XYLENE	0.06 UJ	0.57 J	1.11 J	0.662 U	0.921 J	0.107 J	0.344	0.06 U	0.0877 J	0.06 U	1.25	0.455	0.06 U
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	2.97	3.9	4.83	0.568	2.35	0.07 U	1.5	23.5	0.07 U	10.9	0.793	0.432	0.07 U
TETRACHLOROETHENE	1.77 J	4.125 J	6.48	1.45 U	1.55 J	1.45 U	7.39	1.57 J	3.12	1.45 U	19.1	3.55	4.39
TOLUENE	3.7	3.655	3.61	2.59 J	4	0.515	1.74	1.78	0.472	9.8	6.94	2	0.505

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0564	0564	0564	0574	0882	0894	0917	0923	0975	1020	1119	1120	1132
Sample ID	0564SG001	0564SG001-AVG	0564SG001-D	0574SG001	0882SG001	0894SG001	0917SG001	0923SG001	0975SG001	1020SG001	1119SG001	1120SG001	1132SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090317	20090317	20090317	20090316	20090416	20090219	20090325	20090312	20090220	20090319	20090306	20090130	20090227
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6178343002170	6178343002170	6178343002170	6178340602128	6322769404134	6322768906220	6322768076430	6322769410208	6322768722200	6322768502530	6322976024558	6322980422160	6322979603358
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.1245	0.209	0.08 U	0.08 U	0.08 U	0.08 U	0.285	0.08 U	0.08 U	0.432	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	2.14	2.205	2.27	0.924	37.6	1.45	2.08	1.58	1.32	1.82	2.6	1.59	6.32
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1132	1132	1148	1151	1157	1182	1315	1694	1699	1751	1756	1766	1771
Sample ID	1132SG001-AVG	1132SG001-D	1148SG001	1151SG002	1157SG002	1182SG001	1315SG001	1694SG001	1699SG001	1751SG001	1756SG001	1766SG001	1771SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PSG -> ASG	PSG -> ASG	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090227	20090227	20090310	20090326	20090406	20090507	20090310	20090307	20090508	20090708	20090616	20090518	20090611
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09
Premise ID	6322979603358	6322979603358	6322980206280	6322980432300	6322979007220	6322979202503	6322975732410	6322977212823	6322977638403	6131224406087	6131222602002	6131826808007	6131222602080
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	WELL
Volatile Organics (UG/M3)													
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.15 U	0.15 U	0.15 U	2.27	0.15 U	0.15 U	0.15 U	0.22 J	1.74	0.464	0.21 J	2.35	0.381
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.5505	0.607	0.689	2.22	0.656	0.602	0.08 U	2.02	0.996	1.4	0.782	0.573	0.841
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.177 J	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.173 J	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	1.815	1.79	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	1.23	1.2	3.37 U	3.59	0.19 U	0.86	0.19 U	1.51	0.946 U	0.623 U	0.578	0.429	0.672 U
1,2,4-TRIMETHYLBENZENE	0.202 J	0.232	0.05 U	0.05 U	0.05 U	0.414	0.05 U	6.03	0.577	0.69	0.284	1.19	3.72
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.369	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.153 J	0.148 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.363 U	0.1 U	0.1 U	0.233 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.246	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.33 J	0.479	0.09 U	4.25	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.238	0.09 U	0.09 U	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.0645 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	1.81	0.05 U	0.376	0.195 J	0.05 U	1.26
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.63 J	0.49 U	0.49 U	0.536 J	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.1315 J	0.129 J	0.408 U	0.09 U	0.09 U	0.09 U	0.09 U	0.261	0.09 U	0.366 U	0.211	0.09 U	0.243 U
1,4-DICHLOROBENZENE	0.511	0.512	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.524	0.09 U	0.357 U	0.215	0.09 U	0.231 U
2-BUTANONE	0.8645 J	1.06	1.97	6.13	0.33 U	1.57	12.5	4.1	3.26	4.42	1.74	1.87	5.67
ACETONE	6.295	6.88	12.2	41.6	4.06	9.24	69.5	15.6	11.6	46.2	17.4	10.7	29.2
ACETONITRILE	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.83	0.38 U	0.38 U	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.59 J	1.02 U	1.02 U	5	1.02 U	1.19 J	5.35	1.02 U
ACROLEIN	0.4165 J	0.628 J	0.41 U	5.77	0.41 U	0.41 U	0.41 U	5.38	0.41 U	0.495 J	1.2	2.45	0.41 U
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.226 J	0.2 U	0.2 U	0.2 U
BENZENE	0.2755	0.321	4.4	0.404	0.172 J	0.156 J	0.274 U	3.78	0.03 U	2.41	1.41	0.209	13.9
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.317	0.163 J	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.445	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.2 J	0.105 J	0.07 U	0.07 U
CARBON DISULFIDE	0.1 U	0.1 U	2.27	1.78	0.628	0.1 U	0.1 U	0.419	0.1 U	0.992	1.11	1.86	1.29
CARBON TETRACHLORIDE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.291 J	0.171 J	0.13 U	0.357
CHLOROBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.274	0.268	0.04 U	0.193 J
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.109 J	0.11 U	3.01	6.23	0.11 U	0.11 U	1.36	0.11 U	0.11 U	3.22	0.952	0.817	1.35
CHLOROMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.253	0.218	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.191 J	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.2805	0.506	0.317	0.11 U	0.11 U	0.11 U	0.11 U	16.7	0.11 U	0.604	0.212	0.874	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	0.18 U	0.18 U	2.61	3.62	4.61	2.06	0.18 U	27.6	0.18 U	6.59	1.75	3.31	55.6
ETHYLBENZENE	0.2425	0.284	20.1	1.9	3.6	0.384	0.03 U	0.03 U	0.03 U	7.03	1.12	0.03 U	5.03
HEXACHLOROBUTADIENE	1.405	1.36	2.43 U	3.17	0.24 U	0.478 U	0.24 U	0.24 U	0.57 U	0.664	0.552	0.24 U	0.691 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	0.166 J	0.247 J	1.26	1.09	0.17 U	0.268 J	0.17 U	54.8	0.17 U	0.668	0.518	0.468	28
ISOBUTANOL	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	1.77	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.07 U	0.07 U	0.745	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.165 J	0.07 U	0.07 U	0.533
M+P-XYLENES	0.4465	0.543	11.8	0.09 U	2.3	0.342	0.09 U	0.09 U	0.09 U	4.36	1.03	0.408	7.8
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.08 U	0.08 U	0.08 U	0.08 U	0.345	0.08 U	0.08 U	22.1	0.08 U	0.494	0.08 U	1.25	1.87
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.08 U	0.08 U	0.342	0.08 U	0.08 U	0.216	0.08 U	0.08 U	0.08 U	0.319	1.25	0.837	0.485
O-XYLENE	0.1055 J	0.181 J	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	3.1	0.06 U	2.24	0.522	0.06 U	3.69
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	0.161	0.287	62.4	6.88	14.4	0.913	10.7	0.07 U	0.496	16.8	0.605	0.07 U	0.07 U
TETRACHLOROETHENE	4.79	5.19	1.45 U	75.9	41.6	1.45 U	1.45 U	4.87	8.49	170	288	3.09	34.1
TOLUENE	0.629	0.753	4.8	1.64	0.489	0.776	1.1	6.91	0.341	4.22	1.71	0.722	17.6

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1132	1132	1148	1151	1157	1182	1315	1694	1699	1751	1756	1766	1771
Sample ID	1132SG001-AVG	1132SG001-D	1148SG001	1151SG002	1157SG002	1182SG001	1315SG001	1694SG001	1699SG001	1751SG001	1756SG001	1766SG001	1771SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PSG -> ASG	PSG -> ASG	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090227	20090227	20090310	20090326	20090406	20090507	20090310	20090307	20090508	20090708	20090616	20090518	20090611
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09
Premise ID	6322979603358	6322979603358	6322980206280	6322980432300	6322979007220	6322979202503	6322975732410	6322977212823	6322977638403	6131224406087	6131222602002	6131826808007	6131222602080
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	WELL
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.18 J	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.22	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.311	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	6.87	7.42	18	3.11	2.36	2.25	21.7	1120	489	10.3	3.07	17.8	468
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1813	1842	1843	1849	1945	1969	2016	2021	2049	2051
Sample ID	1813SG001	1842SG001	1843SG001	1849SG001	1945SG001	1969SG001	2016SG001	2021SG001	2049SG001	2051SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090224	20090305	20090309	20090207	20090702	20090624	20090420	20090307	20090204	20090116
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6178600406130	6322976024674	6322976038505	6322975682150	6322977920220	6322768040140	6131222602041	6322768840129	6322974806159	6322976202630
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	PUBLIC	PUBLIC
Volatile Organics (UG/M3)										
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.15 U	0.232 J	0.15 U	5.43	0.198 J	0.166 J	0.15 U	0.15 U	0.15 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.406	0.182	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.486	0.899	0.713	0.667	0.803 U	0.889	0.08 U	0.851	0.505	0.602
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	2.1	0.4 U	0.4 U	0.4 UR	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	1.27	0.642	3.84 U	0.19 UJ	1.85	0.552	0.19 U	0.916	0.19 U	0.19 U
1,2,4-TRIMETHYLBENZENE	1.26	1.32	0.05 U	0.624	0.538	0.326	0.05 U	0.513	0.269	0.97
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.296	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.157 J	0.1 U	0.1 U	0.1 U	0.921	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.09 U	0.09 U	0.09 U	1.11	0.167 U	0.09 U	0.09 U	0.09 U	0.09 U	18.4
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.422	0.05 U	0.05 U	0.194 J	0.442	0.236	0.05 U	0.204	0.05 U	0.269
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.135 J	0.09 U	0.09 U	0.09 U	0.878	0.216	0.09 U	0.09 U	0.09 U	0.09 U
1,4-DICHLOROBENZENE	0.585	0.667	0.09 U	0.09 U	0.815	0.217	0.09 U	0.616	0.09 U	0.09 U
2-BUTANONE	2.13	3.53	2.83	1.25	1.16	0.821	0.33 U	1.93	0.894	1.55
ACETONE	35	25.7	13.2	7.03 J	9.04	8.71	3.41	16.1	7.11	24.2
ACETONITRILE	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 UJ	2.5	1.02 U	1.02 U
ACROLEIN	0.41 U	5.32	2.21	0.881 J	0.511 J	0.41 U	0.41 U	2.32	0.568 J	0.41 U
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.914	1.13	0.881	0.256	0.233 U	1.23	0.772	1.12	0.343	4.78
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	22	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.0918 J	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	0.1 U	40.7	0.1 U	0.291	0.1 U	0.264	0.972	0.181 J	0.1 U	4.29
CARBON TETRACHLORIDE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.157 J	0.13 U	0.13 U	0.13 U	0.133 J
CHLOROBENZENE	0.04 U	0.04 U	0.166 U	0.04 U	0.372 U	0.161 J	0.04 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.296 J
CHLOROFORM	0.138 J	0.11 U	302	1.43	0.361 U	0.11 U	2.31	0.11 U	0.93	0.11 U
CHLOROMETHANE	0.168 J	0.07 U	0.07 U	0.07 UJ	0.07 U	0.0989 J	0.07 U	0.911	0.07 U	0.732
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.11 U	0.11 U	2.99	0.11 U	0.11 U	0.245	0.11 U	0.11 U	0.11 U	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.24 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	0.18 U	168	3.37	2.83	3.12	1.94	2.13	4.64	2.73	4.27
ETHYLBENZENE	1.9	7	2.15	0.258	0.32 U	0.316	5.31	1.72	0.161 J	1.02
HEXACHLOROBUTADIENE	1.34	0.24 U	2.53 U	0.389 J	1.99	0.599	0.24 U	0.772	0.24 U	0.24 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.33	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	2.55	2.96	1.61	0.377 J	0.17 U	0.376	0.17 U	0.698	0.273 J	2.81
ISOBUTANOL	2.16	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	2.49	0.46 U	0.46 U
ISOPROPYLBENZENE	0.324	0.07 U	0.375	0.07 U	0.135 J	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
M+P-XYLENES	2.99	4.68	0.09 U	0.569	0.706	0.767	2.97	1.68	0.407	3.01
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.918	0.08 U	0.08 U	0.08 U	0.08 U	0.286	0.08 U	0.08 U	0.167 J	0.08 U
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.08 U	0.08 U	0.375	0.08 U	0.08 U	0.127 J	0.08 U	0.08 U	0.08 U	0.653
O-XYLENE	1.43	0.06 U	0.06 U	0.33	0.366 U	0.365	1.29 J	0.752	0.221	1.11
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	9.28	26.1	8.19	0.695	0.234 U	0.16 J	9.7	6.94	0.07 U	0.719
TETRACHLOROETHENE	1.45 U	47.3	2.75 J	8.03 J	1.7 J	2.67 J	1.85 J	1.59 J	3.35	14.7
TOLUENE	3.59	2.01	7.01	0.906	0.503 U	1.57	0.922	1.45	1.79	6.51

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1813	1842	1843	1849	1945	1969	2016	2021	2049	2051
Sample ID	1813SG001	1842SG001	1843SG001	1849SG001	1945SG001	1969SG001	2016SG001	2021SG001	2049SG001	2051SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090224	20090305	20090309	20090207	20090702	20090624	20090420	20090307	20090204	20090116
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6178600406130	6322976024674	6322976038505	6322975682150	6322977920220	6322768040140	6131222602041	6322768840129	6322974806159	6322976202630
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	PUBLIC	PUBLIC
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.08 U	0.08 U	0.321 U	0.142 J	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	1.22	2.35	7.97	2.1	1.54	1.45	2.93	2.33	4.08	1.5
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0564	0574	0882	0882-PBL	0894	0917	0923	0975	1020	1119	1120	1132	1148
Sample ID	0564TW001	0574TW001	0882IW001	0882TW001	0894TW001	0917TW001	0923TW001	0975TW001	1020TW001	1119TW001	1120TW001	1132TW001	1148TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090312	20090316	20090416	20090416	20090219	20090325	20090312	20081011	20090319	20081013	20081128	20081107	20090310
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6178343002170	6178340602128	6322769404134	6322769404134	6322768906220	6322768076430	6322769410208	6322768722200	6322768502530	6322976024558	6322980422160	6322979603358	6322980206280
Likely Water Source	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)													
1,2,3,4,6,7,8,9-OCDD	0.0041 J	0.0027 U	0.0053 U	0.005 U	0.0027 U	0.0067 U	0.0031 J	0.0056 U	0.0054 U	0.0045 U	0.0034 U	0.0051 U	0.0069 U
1,2,3,4,6,7,8,9-OCDF	0.00057 U	0.0006 U	0.0017 U	0.02 J	0.00038 U	0.0008 U	0.0017 U	0.0037 U	0.0011 U	0.0022 U	0.0012 U	0.0012 U	0.00074 J
1,2,3,4,6,7,8-HPCDD	0.0016 U	0.0019 U	0.0022 U	0.0019 U	0.00076 U	0.0026 U	0.0013 U	0.0025 U	0.0012 U	0.0021 U	0.0024 U	0.0015 U	0.0029 U
1,2,3,4,6,7,8-HPCDF	0.00052 U	0.00052 U	0.0022 U	0.0045 U	0.00052 U	0.0006 U	0.00074 U	0.0041 U	0.00056 U	0.0016 U	0.00056 U	0.00085 U	0.00074 U
1,2,3,4,7,8,9-HPCDF	0.00037 U	0.00027 J	0.00079 U	0.001 U	0.000142 U	0.00036 U	0.00059 U	0.00121 U	0.00051 U	0.00088 U	0.000353 U	0.00095 U	0.00038 U
1,2,3,4,7,8-HXCDD	0.00062 U	0.000421 U	0.00066 J	0.00086 J	0.00017 U	0.000193 U	0.000664 U	0.00045 U	0.00046 U	0.00062 U	0.000353 J	0.00075 U	0.00036 U
1,2,3,4,7,8-HXCDF	0.000271 U	0.000173 U	0.0012 U	0.0016 U	0.00019 U	0.00022 U	0.00031 U	0.0007 U	0.00028 U	0.00067 U	0.00035 U	0.00038 U	0.00028 U
1,2,3,6,7,8-HXCDD	0.00052 U	0.0004 U	0.00063 U	0.00038 U	0.000142 U	0.00036 U	0.00057 U	0.00055 U	0.00038 U	0.00052 U	0.00033 U	0.00065 U	0.000304 U
1,2,3,6,7,8-HXCDF	0.00039 U	0.00015 U	0.00041 U	0.00069 U	0.00021 U	0.00027 U	0.00036 U	0.00058 U	0.0002 U	0.00057 U	0.000202 U	0.00043 U	0.00033 U
1,2,3,7,8,9-HXCDD	0.000542 U	0.000371 U	0.00061 U	0.00064 U	0.000142 U	0.00017 U	0.000593 U	0.00083 U	0.00023 U	0.00055 U	0.00033 J	0.00065 U	0.00033 U
1,2,3,7,8,9-HXCDF	0.0003 U	0.000173 U	0.00041 U	0.00057 J	0.00048 U	0.000241 U	0.00066 U	0.00043 U	0.00043 U	0.00076 U	0.00028 U	0.00043 U	0.00043 U
1,2,3,7,8-PECDD	0.00067 U	0.00062 U	0.00051 U	0.00088 J	0.00057 U	0.000894 U	0.00074 U	0.00063 J	0.00071 J	0.00045 U	0.0011 J	0.00055 U	0.000812 U
1,2,3,7,8-PECDF	0.00025 U	0.0002 U	0.00061 J	0.0013 J	0.000142 U	0.00027 U	0.00033 U	0.00035 J	0.00031 U	0.000334 U	0.0003 U	0.00018 U	0.0003 U
2,3,4,6,7,8-HXCDF	0.000271 U	0.000173 U	0.00038 U	0.00076 J	0.00019 U	0.00022 U	0.00033 U	0.0005 J	0.00023 U	0.00067 U	0.000252 U	0.00035 U	0.00028 U
2,3,4,7,8-PECDF	0.00049 U	0.00035 U	0.00094 U	0.0011 U	0.00055 U	0.00053 U	0.0005 U	0.00053 U	0.00064 U	0.00036 U	0.00038 U	0.00035 U	0.00025 U
2,3,7,8-TCDD	0.000542 U	0.000223 U	0.00038 J	0.00038 U	0.0004 J	0.000314 U	0.00069 U	0.00035 J	0.00036 U	0.00031 U	0.00033 U	0.0004 J	0.00036 U
2,3,7,8-TCDF	0.0003 U	0.00027 U	0.00048 U	0.0015 U	0.00045 U	0.00029 U	0.00026 U	0.00033 U	0.00023 U	0.00012 U	0.00018 U	0.00015 U	0.00041 U
TEQ	0.00000123	0.0000027	0.000464	0.001144	0.0004	0.000314 U	0.00000093	0.001041	0.00071	0.00031 U	0.001168	0.0004	2.22E-07
TOTAL HPCDD	0.0016 J	0.0019 J	0.0022 J	0.0019 J	0.00076 J	0.0026 J	0.0013 J	0.0025 J	0.0012 J	0.0021 J	0.0024 J	0.0015 J	0.0029 J
TOTAL HPCDF	0.00089 J	0.00079 J	0.0047 J	0.0081 J	0.00095 J	0.00097 J	0.0014 J	0.0074 J	0.001 J	0.0017 J	0.00076 J	0.0017 U	0.00089 J
TOTAL HXCDD	0.0017 U	0.0012 U	0.0019 J	0.0017 J	0.000451 U	0.00068 J	0.001828 U	0.0017 J	0.0011 J	0.0017 U	0.001 J	0.0021 U	0.00099 U
TOTAL HXCDF	0.0011 U	0.00067 U	0.0022 J	0.0036 J	0.00093 J	0.00087 U	0.0016 J	0.002 J	0.0011 J	0.00334 U	0.00099 U	0.0015 U	0.001117 U
TOTAL PECDD	0.00067 U	0.00062 U	0.00051 U	0.00088 J	0.00057 U	0.000894 U	0.00074 U	0.00063 J	0.00071 J	0.00045 U	0.0011 J	0.00055 U	0.000812 U
TOTAL PECDF	0.00074 J	0.00052 J	0.0015 J	0.0024 J	0.00059 J	0.0008 J	0.00083 J	0.00088 J	0.00097 J	0.00069 U	0.00068 J	0.0004 J	0.00056 J
TOTAL TCDD	0.001627 U	0.00067 U	0.00114 U	0.0014 J	0.000713 U	0.000942 U	0.0021 U	0.00098 J	0.0011 U	0.00093 U	0.00081 J	0.0011 U	0.0011 J
TOTAL TCDF	0.000443 J	0.00035 J	0.00071 J	0.0017 J	0.00055 J	0.00044 J	0.000474 U	0.00048 J	0.00046 U	0.00024 U	0.000353 J	0.0003 U	0.00051 J
Volatile Organics (UG/L)													
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.1 U	0.17 U	0.17 U	0.17 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.05 U	0.08 U	0.05 U	0.05 U	0.05 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.2 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U	0.14 U	0.13 U	0.13 U	0.13 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.1 U	0.12 U	0.12 U	0.12 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	0.2 U	0.25 U	0.25 U	0.25 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	0.1 U	0.09 U	0.09 U	0.09 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U	0.07 U	0.07 U	0.07 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.08 U	0.1 U	0.08 U	0.08 U	0.08 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.1 U	0.15 U	0.15 U	0.15 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	0.4 U	0.4 U	0.4 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.1 U	0.07 U	0.07 U	0.07 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1.6 U	2 U	1.6 U	1.6 U	1.6 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.1 U	0.12 U	0.12 U	0.12 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.1 U	0.07 U	0.1 U	0.1 U	0.1 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	0.4 U	1.3 U	0.4 U	0.4 U	0.4 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.05 U	0.11 U	0.05 U	0.05 U	0.05 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.159 J	0.1 U	0.162 J	0.389 J	0.715	0.1 U
BROMOFORM	1.54	1.23	0.06 U	0.931 J	0.402 J	0.06 U	0.06 U	3.18	0.06 U	2.59	2.71	3.05	0.06 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.37 U	0.5 U	0.37 U	0.37 U	0.37 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.1 U	0.12 U	0.12 U	0.12 U	0.1 U
CHLORODIBROMOMETHANE	0.805	0.577	0.1 U	0.1 U	0.159 J	0.1 U	0.1 U	0.479 J	0.1 U	0.344 J	1.12	1.52	0.1 U
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.18 U	0.3 U	0.18 U	0.18 U	0.18 U	0.3 U

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R-Rejected value

STUDY AREA 05
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0564	0574	0882	0882-PBL	0894	0917	0923	0975	1020	1119	1120	1132	1148
Sample ID	0564TW001	0574TW001	0882IW001	0882TW001	0894TW001	0917TW001	0923TW001	0975TW001	1020TW001	1119TW001	1120TW001	1132TW001	1148TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090312	20090316	20090416	20090416	20090219	20090325	20090312	20081011	20090319	20081013	20081128	20081107	20090310
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6178343002170	6178340602128	6322769404134	6322769404134	6322768906220	6322768076430	6322769410208	6322768722200	6322768502530	6322976024558	6322980422160	6322979603358	6322980206280
Likely Water Source	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CHLOROFORM	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.149 J	0.09 U	0.115 J	0.165 J	0.261 U	0.09 U
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.1 U	0.15 U	0.15 U	0.15 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.12 U	0.14 U	0.12 U	0.12 U	0.12 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.06 U	0.08 U	0.06 U	0.06 U	0.06 U	0.08 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	0.1 U	0.09 U	0.09 U	0.09 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.69 U	0.2 U	0.69 U	0.69 U	0.69 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.05 U	0.07 U	0.05 U	0.05 U	0.05 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.04 U	0.06 U	0.04 U	0.04 U	0.04 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.1 U	0.19 U	0.19 U	0.19 U	0.1 U
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.1 U	0.07 U	0.07 U	0.07 U	0.1 U
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.568 J	0.1 U	0.17 U	0.1 U	0.17 U	0.17 U	0.17 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15 U	0.11 U	0.15 U	0.15 U	0.15 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.1 U	0.19 U	0.19 U	0.19 U	0.1 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.1 U	0.15 U	0.15 U	0.15 U	0.1 U
Semivolatile Organics (UG/L)													
1,1-BIPHENYL								0.198 U		0.2 U	0.204 U	0.204 U	
1,2,4,5-TETRACHLOROBENZENE								0.198 U		0.2 U	0.204 U	0.204 U	
2,3,4,6-TETRACHLOROPHENOL								0.297 U		0.3 U	0.307 UJ	0.306 UJ	
2,4,5-TRICHLOROPHENOL								0.495 U		0.499 U	0.511 UJ	0.51 UJ	
2,4,6-TRICHLOROPHENOL								0.495 U		0.499 U	0.511 UJ	0.51 UJ	
2,4-DICHLOROPHENOL								0.693 U		0.699 U	0.716 UJ	0.714 UJ	
2,4-DIMETHYLPHENOL								0.989 U		0.999 U	1.02 UJ	1.02 UJ	
2,4-DINITROPHENOL								0.297 U		0.3 U	0.307 UJ	0.306 UJ	
2,4-DINITROTOLUENE								0.989 U		0.999 U	1.02 U	1.02 U	
2,6-DICHLOROPHENOL								0.791 U		0.799 U	0.818 UJ	0.817 UJ	
2,6-DINITROTOLUENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
2-CHLORONAPHTHALENE								0.198 U		0.2 U	0.204 U	0.204 U	
2-CHLOROPHENOL								0.89 U		0.899 U	0.92 UJ	0.919 UJ	
2-METHYLNAPHTHALENE								0.198 U		0.2 U	0.204 U	0.204 U	
2-METHYLPHENOL								0.693 U		0.699 U	0.716 UJ	0.714 UJ	
2-NITROPHENOL								0.89 U		0.899 U	0.92 UJ	0.919 UJ	
3&4-METHYLPHENOL								1.19 U		1.2 U	1.23 UJ	1.22 UJ	
3-NITROANILINE								0.989 U		0.999 U	1.02 U	1.02 U	
4,6-DINITRO-2-METHYLPHENOL								0.198 U		0.2 U	0.204 UJ	0.204 UJ	
4-BROMOPHENYL PHENYL ETHER								0.0989 U		0.0999 U	0.102 U	0.102 U	
4-CHLORO-3-METHYLPHENOL								0.594 U		0.599 U	0.613 UJ	0.612 UJ	
4-CHLOROANILINE								0.989 U		0.999 U	1.02 U	1.02 U	
4-NITROANILINE								0.989 U		0.999 U	1.02 U	1.02 U	
4-NITROPHENOL								0.297 U		0.3 U	0.307 UJ	0.306 UJ	
ACENAPHTHENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
ACENAPHTHYLENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
ANILINE								0.989 U		0.999 U	1.02 U	1.02 U	
ANTHRACENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
ATRAZINE								0.0989 U		0.0999 U	0.102 U	0.102 U	
BAP EQUIVALENT								0.0989 U		0.0999 U	0.102 U	0.102 U	
BENZO(A)ANTHRACENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
BENZO(A)PYRENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
BENZO(B)FLUORANTHENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
BENZO(G,H,I)PERYLENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
BENZO(K)FLUORANTHENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
BIS(2-ETHYLHEXYL)PHTHALATE								1.39 U		1.4 U	1.66 U	1.49 J	
BUTYL BENZYL PHTHALATE								0.0989 U		0.0999 U	0.102 U	0.102 U	
CARBAZOLE								0.0989 U		0.0999 U	0.102 U	0.102 U	
CHRYSENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
DI-N-BUTYL PHTHALATE								1.29 U		1.3 U	1.33 U	1.33 U	
DI-N-OCTYL PHTHALATE								0.198 U		0.2 U	0.204 U	0.204 U	
DIBENZO(A,H)ANTHRACENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
DIBENZOFURAN								0.0989 U		0.0999 U	0.102 U	0.102 U	

NA-Not Available
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STUDY AREA 05
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0564	0574	0882	0882-PBL	0894	0917	0923	0975	1020	1119	1120	1132	1148
Sample ID	0564TW001	0574TW001	0882IW001	0882TW001	0894TW001	0917TW001	0923TW001	0975TW001	1020TW001	1119TW001	1120TW001	1132TW001	1148TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090312	20090316	20090416	20090416	20090219	20090325	20090312	20081011	20090319	20081013	20081128	20081107	20090310
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6178343002170	6178340602128	6322769404134	6322769404134	6322768906220	6322768076430	6322769410208	6322768722200	6322768502530	6322976024558	6322980422160	6322979603358	6322980206280
Likely Water Source	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
DIETHYL PHTHALATE								0.198 U		0.2 U	0.204 U	0.204 U	
DIMETHYL PHTHALATE								0.0989 U		0.0999 U	0.102 U	0.102 U	
DIPHENYLAMINE								0.0989 U		0.0999 U	0.102 U	0.102 U	
FLUORANTHENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
FLUORENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
HEXACHLOROBENZENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
HEXACHLOROBUTADIENE								0.198 U		0.2 U	0.204 U	0.204 U	
HEXACHLOROCYCLOPENTADIENE								0.989 U		0.999 U	1.02 U	1.02 U	
HEXACHLOROETHANE								0.0989 U		0.0999 U	0.102 U	0.102 U	
INDENO(1,2,3-CD)PYRENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
NAPHTHALENE								0.198 U		0.2 U	0.204 U	0.204 U	
NITROBENZENE								0.198 U		0.2 U	0.204 U	0.204 U	
O-TOLUIDINE								0.693 U		0.699 U	0.716 U	0.714 U	
PENTACHLOROBENZENE								0.198 U		0.2 U	0.204 U	0.204 U	
PENTACHLOROPHENOL								0.297 U		0.3 U	0.307 UJ	0.306 UJ	
PHENANTHRENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
PHENOL								0.989 U		0.999 U	1.02 UR	1.02 UR	
PYRENE								0.0989 U		0.0999 U	0.102 U	0.102 U	
Pesticides/PCBs (UG/L)													
4,4'-DDD								0.00309 U		0.00308 U	0.00299 U	0.00309 U	
4,4'-DDE								0.00206 U		0.00206 U	0.00199 U	0.00206 U	
4,4'-DDT								0.00618 U		0.00617 U	0.00598 U	0.00619 U	
ALDRIN								0.00206 U		0.00206 U	0.00199 U	0.00206 U	
ALPHA-BHC								0.00309 U		0.00308 U	0.00299 U	0.00309 U	
ALPHA-CHLORDANE								0.00309 U		0.00308 U	0.00299 U	0.00309 U	
AROCLOR-1016								0.0206 U		0.0206 U	0.0199 U	0.0206 U	
AROCLOR-1221								0.0206 U		0.0206 U	0.0199 U	0.0206 U	
AROCLOR-1232								0.0206 U		0.0206 U	0.0199 U	0.0206 U	
AROCLOR-1242								0.0206 U		0.0206 U	0.0199 U	0.0206 U	
AROCLOR-1248								0.0206 U		0.0206 U	0.0199 U	0.0206 U	
AROCLOR-1254								0.0206 U		0.0206 U	0.0199 U	0.0206 U	
AROCLOR-1260								0.0206 U		0.0206 U	0.0199 U	0.0206 U	
BETA-BHC								0.00206 U		0.00206 U	0.00199 U	0.00206 U	
DELTA-BHC								0.00103 U		0.00103 U	0.000997 U	0.00103 U	
DIELDRIN								0.00309 U		0.00308 U	0.00299 U	0.00309 U	
ENDOSULFAN I								0.00309 U		0.00308 U	0.00299 U	0.00309 U	
ENDOSULFAN II								0.00206 U		0.00206 U	0.00199 U	0.00206 U	
ENDOSULFAN SULFATE								0.00721 U		0.00719 U	0.00698 U	0.00722 U	
ENDRIN								0.00206 U		0.00206 U	0.00199 U	0.00206 U	
ENDRIN ALDEHYDE								0.00206 U		0.00206 U	0.00199 U	0.00206 U	
GAMMA-BHC (LINDANE)								0.00103 U		0.00103 U	0.000997 U	0.00103 U	
GAMMA-CHLORDANE								0.00206 U		0.00206 U	0.00199 U	0.00206 U	
HEPTACHLOR								0.00412 U		0.00411 U	0.00399 U	0.00412 U	
HEPTACHLOR EPOXIDE								0.00412 U		0.00411 U	0.00399 U	0.00412 U	
METHOXYCHLOR								0.00309 U		0.00308 U	0.00299 U	0.00309 U	
PENTACHLORONITROBENZENE								0.00309 U		0.00308 U	0.00299 U	0.00309 U	
TOXAPHENE								0.0103 U		0.0103 U	0.00997 U	0.0103 U	
Radiological Parameters (PCI/L)													
GROSS ALPHA	2.96	2.86 U	5.25	1.15 U	2.55 U	2.47 U	2.67 U	1.4 U	1.45 U	1.1 U	1.6 U	1.4 U	3.91
GROSS BETA	13.8	15.7	32.8	2.41 U	1.76 U	3.28	25.8	4.3 U	2.55 U	7	5.4 U	4.6 U	2.86 U
RADIUM-228			0.589 U										
STRONTIUM-90			1.64 U										
Inorganics (UG/L)													
ALUMINUM	14.4	22.2	6.57 U	2.2 U	154	2.84	2.2 U	16	4.5	2.2 U	5.08	14.8	6.78
ANTIMONY	0.206	0.158	0.304	0.14 U	0.14 U	0.14 U	0.328	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	6.73	6.53	19.4	1.46	2.6	2.63	20.4	4.28	1.83	4.44	6.02	6.16	2.3
BARIUM	18.8	17.1	2.5	6.32	8.61	9.36	1.51	18.3	6.64	15.6	20.2	16.5	9.29
BERYLLIUM	0.171	0.236	0.202 U	0.0567 U	0.03 U	0.03 U	0.0489	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	0.0565	0.0431	0.04 U	0.04 U	0.04 U	0.04 U	0.239	0.246	0.04 U	0.04 U	0.04 U	0.04 U	0.0546
CALCIUM	115	116	45.2	58.9	59.1	64.1	33.6		48.1		131		48.4
CHROMIUM	0.15 U	0.464 U	0.538 U	0.155 U	0.437	0.15 U	0.15 U	0.15 U	5.77	1.49	0.956 U	0.15 U	0.366
COBALT	0.043	0.063	0.0625	0.03 U	0.0809	0.0484	0.251	0.63	0.03 U	0.03 U	0.0372	0.0829	0.03 U
COPPER	1740	24.1	1.79	91.4	39.6	28.2	96.7	19.7	10.2	28.5	41.5	93.5	68.2
IRON	60.6	34	27.1	6.76	258	34.1	117	744	33.8	7.59	7.24	723	21.3
LEAD	1.6	1.37	0.487	0.403	5.22	0.976	1.65	10.1	0.217	0.848	0.561	17	2.44
MAGNESIUM	18.6	18.7	8.33	9.04	8.98	10.1	6.09		5.74		30.7		5.7
MANGANESE	3.21	2.89	0.221	0.121	15.6	0.19	2.47	9.24	0.267	0.237	0.167	5.47	0.526

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STUDY AREA 05
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0564	0574	0882	0882-PBL	0894	0917	0923	0975	1020	1119	1120	1132	1148
Sample ID	0564TW001	0574TW001	0882IW001	0882TW001	0894TW001	0917TW001	0923TW001	0975TW001	1020TW001	1119TW001	1120TW001	1132TW001	1148TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090312	20090316	20090416	20090416	20090219	20090325	20090312	20081011	20090319	20081013	20081128	20081107	20090310
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6178343002170	6178340602128	6322769404134	6322769404134	6322768906220	6322768076430	6322769410208	6322768722200	6322768502530	6322976024558	6322980422160	6322979603358	6322980206280
Likely Water Source	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
MERCURY	0.068	0.015 U	0.104	0.137	0.024	0.038	0.033	0.015 U	0.02	0.015 U	0.025	0.051	0.038
NICKEL	316	2.46	3.79	0.251	1.03	0.384	8.21	11.5	0.147	2.7	1.43	7	3.68
POTASSIUM	16.2	16.1	27.5	0.77	0.959	1.07	28.2		0.711		2.51		0.689
SELENIUM	0.2 U	0.2 U	0.422	0.2 U	0.2 U	0.2 U	0.391	0.276	0.2 U	0.24	0.207	0.2 U	0.2 U
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.165
SODIUM	19.3	19.4	89.6	3.03	3.5	2.69	89.1		2.91		8.19		2.91
THALLIUM	0.321 U	0.04 U	0.463 U	0.292 U	0.456 U	0.04 U	0.235 U	0.0553 U	0.04 U	0.04 U	0.04 U	0.04 U	0.446 U
TIN	0.1 U	0.1 U	0.1 U	0.1 U	0.674	0.1 U	0.1 U	0.23	0.102	0.378	0.106	0.603	0.334
URANIUM	2.09	2.41	11.3	0.187	0.363	0.326	9.72	1.11	0.226	1.02	1.04	1.25	0.263
VANADIUM	4.88	7.88	23.1	1 U	1 U	1 U	21.5	2.67 U	1 U	3.27 U	2.39	5.96 U	1 U
ZINC	7740	1440	95.1	63.1	104	302	292	1580	6.42 U	48.9	166	603	51.5
Microbiological Parameters													
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)													
PLATE COUNT													
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	4.2	1 <	1 <
Miscellaneous Parameters (MG/L)													
CHLORIDE	16	17.4	62.8	5.87	5.95	6.37	61.6	12.4	5.14	12.9	11.7	12.2	5.33
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.725	0.825	3.03	0.2 U	0.2 U	0.2 U	3.44	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NITRATE	7.17	7.86	54.8 J	2.34 J	2.37	2.46	36.6	4 J	2.25	3.82	3.23 J	3.19 J	2.19
NITRITE	0.2 U	0.2 U	0.2 UR	0.2 UR	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U
PHOSPHATE	0.4 U	0.4 U	0.4 UR	0.4 UR	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ	0.4 U
SULFATE	6.53	7.47	58.1	3.08	2.62	3	41.1	8.25	2.29	9.84	9.97	9.73	2.19
Field Parameters													
CHLORINE (MG/L)	0.3	0.02	0	0.08	0.06	0.06	0	0.02	0.06	0.1	0.1	0.08	0.05
DISSOLVED OXYGEN (MG/L)	9.9	8	7.23	6.41	8.79	6.99	5.17	8.67	8.05	8.86	9.27	9.95	9.05
OXIDATION REDUCTION POTENTIAL (MV)	440	305	280	410	455	564	236	448	591	492	506	552	599
PH (S.U.)	6.82	6.83	7.56	7.25	6.15	7.3	7.38	7.43	7.2	7.1	7.25	7.47	5.11
SALINITY (%)	0	0.02	0.02	0.01	0	0.01	0.02	0	0.01	0	0	0	0.01
SPECIFIC CONDUCTANCE (MS/CM)	0.732	0.777	0.773	0.386	0.47	0.385	0.681	0.75	0.335	0.91	0.983	0.86	0.292
TEMPERATURE (C)	12.96	14.6	19.18	20.18	13.59	15.31	17.27	18.88	13.65	16.58	14.19	16.99	13.37
TOTAL DISSOLVED SOLIDS													
TURBIDITY (NTU)	63.9	4.2	0	0	1.2	0.2	0		0		0.8	7.7	0.1

NA-Not Available
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STUDY AREA 05
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1151	1157	1182	1315	1694	1694	1699	1751	1756	1766	1766-PBL	1771	1813
Sample ID	1151TW001	1157TW001	1182TW001	1315TW001	1694TW001	1694TW002	1699TW001	1751TW001	1756TW001	1766IW001	1766TW001	1771TW001	1813TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE I	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20080708	20080623	20081002	20090310	20081006	20090529	20090508	20090708	20090616	20090518	20090518	20090611	20081007
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09	STUDY AREA 05
Premise ID	6322980432300	6322979007220	6322979202503	6322975732410	6322977212823	6322977212823	6322977638403	6131224406087	6131222602002	6131826808007	6131826808007	6131222602080	6178600406130
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	WELL	PUBLIC
Dioxins/Furans (NG/L)													
1,2,3,4,6,7,8,9-OCDD	0.0025 U	0.0031 U	0.0056 U	0.0038 U	0.007515 U		0.00084 U	0.0018 U	0.0021 U	0.0011 U	0.0012 U	0.0076 U	0.0088 U
1,2,3,4,6,7,8,9-OCDF	0.0013 U	0.0015 U	0.0041 U	0.00072 U	0.007844 U		0.0011 U	0.001 U	0.0026 U	0.00093 U	0.00092 U	0.003 U	0.006743 U
1,2,3,4,6,7,8-HPCDD	0.0021 U	0.0012 U	0.002002 U	0.0016 U	0.002201 U		0.00067 U	0.0011 U	0.0015 U	0.0007 U	0.0014 U	0.0022 U	0.0026 U
1,2,3,4,6,7,8-HPCDF	0.00076 U	0.0015 U	0.0035 U	0.00055 U	0.001113 U		0.0011 U	0.0011 U	0.0017 U	0.0011 U	0.00057 U	0.0013 U	0.0037 U
1,2,3,4,7,8,9-HPCDF	0.00041 U	0.00038 U	0.0028 U	0.000421 U	0.001518 U		0.001 U	0.00028 U	0.00034 U	0.00074 U	0.00052 U	0.00081 J	0.004106 U
1,2,3,4,7,8-HXCDD	0.00055 J	0.00019 U	0.0011 U	0.00045 U	0.0013 U		0.000262 U	0.00031 U	0.00015 U	0.00031 J	0.00033 U	0.00043 U	0.0011 U
1,2,3,4,7,8-HXCDF	0.00048 U	0.00021 U	0.000844 U	0.00025 U	0.001214 U		0.000262 U	0.00033 U	0.00068 U	0.0007 U	0.00043 U	0.000455 U	0.00077 U
1,2,3,6,7,8-HXCDD	0.00055 J	0.00036 U	0.0011 U	0.0004 U	0.0011 U		0.000215 U	0.00026 U	0.00027 U	0.00022 J	0.00026 J	0.00053 U	0.00092 U
1,2,3,6,7,8-HXCDF	0.00041 U	0.00019 J	0.000723 U	0.00025 U	0.0015 U		0.00033 U	0.00035 U	0.00046 U	0.00022 U	0.00024 U	0.000383 U	0.0006 U
1,2,3,7,8,9-HXCDD	0.00055 J	0.00019 U	0.000723 U	0.0004 U	0.001113 U		0.00043 U	0.00026 U	0.00039 U	0.00022 U	0.000284 U	0.00034 J	0.00095 U
1,2,3,7,8,9-HXCDF	0.000524 U	0.000214 U	0.000964 U	0.00047 U	0.0014 U		0.00029 U	0.00024 U	0.00056 J	0.00041 J	0.00035 J	0.000503 U	0.000821 U
1,2,3,7,8-PECDD	0.0006 J	0.000261 U	0.00063 U	0.0006 U	0.0017 U		0.00036 U	0.000424 U	0.00041 U	0.00034 U	0.0005 J	0.000503 U	0.001318 U
1,2,3,7,8-PECDF	0.00048 U	0.00083 J	0.00065 U	0.0003 U	0.00061 U		0.00031 U	0.0004 U	0.00034 U	0.00041 U	0.00026 U	0.00029 J	0.00085 U
2,3,4,6,7,8-HXCDF	0.000452 U	0.000214 J	0.000844 U	0.00025 U	0.001214 U		0.000262 U	0.000212 U	0.00044 U	0.00043 J	0.000283 U	0.000455 U	0.000721 U
2,3,4,7,8-PECDF	0.00048 U	0.0011 U	0.00087 U	0.00057 U	0.00053 U		0.000215 U	0.00068 U	0.0014 U	0.00058 U	0.00045 U	0.000311 U	0.0011 U
2,3,7,8-TCDD	0.00041 U	0.00038 U	0.00034 U	0.00052 U	0.00046 U		0.00029 U	0.00026 J	0.00032 U	0.00031 J	0.000283 U	0.00034 U	0.00045 U
2,3,7,8-TCDF	0.00033 U	0.0013 U	0.00051 U	0.0002 U	0.00028 U		0.00036 U	0.00052 J	0.001 U	0.00065 U	0.00064 U	0.00053 J	0.00047 U
TEQ	0.000765	0.000064	0.00034 U	0.00052 U	0.00046 U		0.00029 U	0.000312	0.000056	0.000447	0.000561	0.000104	0.00045 U
TOTAL HPCDD	0.0021 J	0.0012 U	0.002002 U	0.0016 J	0.002201 U		0.00067 U	0.0023 J	0.0018 J	0.0007 J	0.0014 J	0.0022 J	0.0026 J
TOTAL HPCDF	0.001 J	0.003 U	0.0063 J	0.00094 J	0.002631 U		0.0022 J	0.0019 J	0.0026 J	0.0018 J	0.0011 J	0.0021 J	0.0072 U
TOTAL HXCDD	0.0017 J	0.00069 U	0.0028 J	0.00124 U	0.0035 U		0.00072 U	0.0015 J	0.00078 J	0.0007 U	0.000874 U	0.0013 J	0.002936 U
TOTAL HXCDF	0.0019 U	0.00081 U	0.0034 U	0.000992 J	0.0049 U		0.001026 U	0.00097 J	0.0021 J	0.0017 J	0.0012 J	0.0018 U	0.0029 U
TOTAL PECDD	0.0006 J	0.000261 U	0.00063 U	0.0006 U	0.0017 J		0.00036 U	0.0013 J	0.00041 J	0.00034 U	0.0005 J	0.000503 U	0.001318 U
TOTAL PECDF	0.000953 U	0.002 U	0.0015 J	0.00084 J	0.0011 J		0.00045 J	0.0011 J	0.0017 J	0.00098 J	0.00064 J	0.0006 U	0.001717 U
TOTAL TCDD	0.001215 U	0.0011 U	0.001013 U	0.0016 U	0.0014 U		0.00086 U	0.00064 U	0.00068 J	0.000862 U	0.00085 U	0.001005 U	0.001343 U
TOTAL TCDF	0.000572 U	0.0017 U	0.00063 J	0.0004 U	0.00056 U		0.00043 J	0.00059 J	0.0013 J	0.0007 J	0.00078 J	0.00074 J	0.0007 U
Volatile Organics (UG/L)													
1,1,1,2-TETRACHLOROETHANE	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
1,1,1-TRICHLOROETHANE	0.17 U	0.17 U	0.17 U	0.1 U	0.17 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U
1,1,2,2-TETRACHLOROETHANE	0.05 U	0.05 U	0.05 U	0.08 U	0.05 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.05 U
1,1,2-TRICHLOROETHANE	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.1 U	0.2 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.14 U	0.13 U		0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U
1,2,3-TRICHLOROBENZENE	0.12 U	0.12 U	0.12 U	0.1 U	0.12 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U
1,2,3-TRICHLOROPROPANE	0.13 U	0.13 U	0.13 U	0.1 U	0.13 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U
1,2,4-TRICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.1 U	0.13 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.2 U	0.25 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U
1,2-DIBROMOETHANE	0.09 U	0.09 U	0.09 U	0.1 U	0.09 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U
1,2-DICHLOROBENZENE	0.07 U	0.07 U	0.07 U	0.08 U	0.07 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.07 U
1,2-DICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.1 U	0.08 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.08 U
1,2-DICHLOROPROPANE	0.15 U	0.15 U	0.15 U	0.1 U	0.15 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U
1,2-DICHLOROTETRAFLUOROETHANE	0.4 U	0.4 U	0.4 U	0.2 U	0.4 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
1,4-DICHLOROBENZENE	0.07 U	0.07 U	0.07 U	0.1 U	0.07 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	1.6 U	1.6 U	1.6 U	2 U	1.6 U		2 U	2 U	2 U	2 U	2 U	2 U	1.6 U
2-CHLOROTOLUENE	0.12 U	0.12 U	0.12 U	0.1 U	0.12 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.13 U	0.13 U	0.13 U	0.1 U	0.13 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U
4-ISOPROPYLTOLUENE	0.1 U	0.1 U	0.1 U	0.07 U	0.1 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.1 U
4-METHYL-2-PENTANONE	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U		0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U
ACETONE	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	0.4 U	0.4 U	0.4 U	1.3 U	0.4 U		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	0.4 U
BENZENE	0.05 U	0.05 U	0.05 U	0.11 U	0.05 U		0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.05 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.231 J	0.228 J	0.298 J	0.1 U	0.186 J		0.265 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.174 J
BROMOFORM	0.788 J	0.706 J	2.57	0.06 U	3.39		0.6 J	1.82	0.06 U	0.06 U	3.14	0.06 U	2.32
BROMOMETHANE	0.37 U	0.37 U	0.37 U	0.5 U	0.37 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.37 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.12 U	0.12 U	0.12 U	0.1 U	0.12 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U
CHLORODIBROMOMETHANE	0.349 J	0.48 J	1.9	0.1 U	0.507		0.547	0.1 U	0.1 U	0.1 U	1.65	0.1 U	0.492 J
CHLOROETHANE	0.18 U	0.18 U	0.18 U	0.3 U	0.18 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.18 U

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TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

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Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE I	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20080708	20080623	20081002	20090310	20081006	20090529	20090508	20090708	20090616	20090518	20090518	20090611	20081007
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09	STUDY AREA 05
Premise ID	6322980432300	6322979007220	6322979202503	6322975732410	6322977212823	6322977212823	6322977638403	6131224406087	6131222602002	6131826808007	6131826808007	6131222602080	6178600406130
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	WELL	PUBLIC
CHLOROFORM	0.09 U	0.137 J	0.143 J	0.09 U	0.092 U		0.175 J	0.227 J	0.119 J	0.09 U	0.09 U	0.123 J	0.151 J
CHLOROMETHANE	0.21 U	0.21 U	0.21 U	0.2 U	0.21 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U
CIS-1,2-DICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.1 U	0.13 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U
CIS-1,3-DICHLOROPROPENE	0.15 U	0.15 U	0.15 U	0.1 U	0.15 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U
DICHLORODIFLUOROMETHANE	0.12 U	0.12 U	0.12 U	0.14 U	0.12 U		0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.12 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.06 U	0.06 U	0.06 U	0.08 U	0.06 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.06 U
M+P-XYLENES	0.09 U	0.09 U	0.09 U	0.1 U	0.09 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U
METHYL TERT-BUTYL ETHER	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
METHYLENE CHLORIDE	0.69 U	0.69 U	0.69 U	0.2 U	0.69 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.69 U
N-BUTYLBENZENE	0.05 U	0.05 U	0.05 U	0.07 U	0.05 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.05 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.04 U	0.04 U	0.04 U	0.06 U	0.04 U		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.04 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.19 U	0.19 U	0.19 U	0.1 U	0.19 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U
TETRACHLOROETHENE	0.07 U	0.07 U	0.07 U	0.1 U	0.07 U		0.1 U	20.9	15.4	1.55	0.1 U	9.91	0.07 U
TOLUENE	0.17 U	0.17 U	0.17 U	0.1 U	0.17 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U
TRANS-1,2-DICHLOROETHENE	0.15 U	0.15 U	0.15 U	0.11 U	0.15 U		0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.13 U	0.141 J	0.219 J	0.295 J	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.19 U	0.19 U	0.19 U	0.1 U	0.19 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U
VINYL CHLORIDE	0.15 U	0.15 U	0.15 U	0.1 U	0.15 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U
Semivolatile Organics (UG/L)													
1,1-BIPHENYL	0.216 U	0.2 U	0.189 U		0.195 U								0.2 U
1,2,4,5-TETRACHLOROBENZENE	0.216 U	0.2 U	0.198 U		0.195 U								0.2 U
2,3,4,6-TETRACHLOROPHENOL	0.325 U	0.3 U	0.297 U		0.292 U								0.3 U
2,4,5-TRICHLOROPHENOL	0.541 U	0.5 U	0.496 U		0.487 U								0.5 U
2,4,6-TRICHLOROPHENOL	0.541 U	0.5 U	0.496 U		0.487 U								0.5 U
2,4-DICHLOROPHENOL	0.757 U	0.7 U	0.694 U		0.681 U								0.7 U
2,4-DIMETHYLPHENOL	1.08 U	1 U	0.991 U		0.973 U								1 U
2,4-DINITROPHENOL	0.325 U	0.3 U	0.297 U		0.292 U								0.3 U
2,4-DINITROTOLUENE	1.08 U	1 U	0.991 U		0.973 U								1 U
2,6-DICHLOROPHENOL	0.866 U	0.8 U	0.793 U		0.779 U								0.8 U
2,6-DINITROTOLUENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
2-CHLORONAPHTHALENE	0.216 U	0.2 U	0.198 U		0.195 U								0.2 U
2-CHLOROPHENOL	0.974 U	0.9 U	0.892 U		0.876 U								0.9 U
2-METHYLNAPHTHALENE	0.216 U	0.2 U	0.198 U		0.195 U								0.2 U
2-METHYLPHENOL	0.757 U	0.7 U	0.694 U		0.681 U								0.7 U
2-NITROPHENOL	0.974 U	0.9 U	0.892 U		0.876 U								0.9 U
3&4-METHYLPHENOL	1.3 U	1.2 U	1.19 U		1.17 U								1.2 U
3-NITROANILINE	1.08 U	1 U	0.991 U		0.973 U								1 U
4,6-DINITRO-2-METHYLPHENOL	0.216 U	0.2 U	0.198 U		0.195 U								0.2 U
4-BROMOPHENYL PHENYL ETHER	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
4-CHLORO-3-METHYLPHENOL	0.649 U	0.6 U	0.595 U		0.584 U								0.6 U
4-CHLOROANILINE	1.08 U	1 U	0.991 U		0.973 U								1 U
4-NITROANILINE	1.08 U	1 U	0.991 U		0.973 U								1 U
4-NITROPHENOL	0.325 U	0.3 U	0.297 U		0.292 U								0.3 U
ACENAPHTHENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
ACENAPHTHYLENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
ANILINE	1.08 U	1 U	0.991 U		0.973 U								1 U
ANTHRACENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
ATRAZINE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
BAP EQUIVALENT	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
BENZO(A)ANTHRACENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
BENZO(A)PYRENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
BENZO(B)FLUORANTHENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
BENZO(G,H,I)PERYLENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
BENZO(K)FLUORANTHENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
BIS(2-ETHYLHEXYL)PHTHALATE	1.51 U	1.4 U	1.47 J		1.36 U								1.4 U
BUTYL BENZYL PHTHALATE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
CARBAZOLE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
CHRYSENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
DI-N-BUTYL PHTHALATE	1.41 U	1.3 U	1.29 U		1.27 U								1.3 U
DI-N-OCTYL PHTHALATE	0.216 U	1.29 J	0.198 U		0.195 U								0.2 U
DIBENZO(A,H)ANTHRACENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
DIBENZOFURAN	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U

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STUDY AREA 05
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1151	1157	1182	1315	1694	1694	1699	1751	1756	1766	1766-PBL	1771	1813
Sample ID	1151TW001	1157TW001	1182TW001	1315TW001	1694TW001	1694TW002	1699TW001	1751TW001	1756TW001	1766IW001	1766TW001	1771TW001	1813TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE I	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20080708	20080623	20081002	20090310	20081006	20090529	20090508	20090708	20090616	20090518	20090518	20090611	20081007
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09	STUDY AREA 05
Premise ID	6322980432300	6322979007220	6322979202503	6322975732410	6322977212823	6322977212823	6322977638403	6131224406087	6131222602002	6131826808007	6131826808007	6131222602080	6178600406130
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	WELL	PUBLIC
DIETHYL PHTHALATE	0.216 U	0.2 U	0.198 U		0.195 U								0.2 U
DIMETHYL PHTHALATE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
DIPHENYLAMINE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
FLUORANTHENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
FLUORENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
HEXACHLOROBENZENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
HEXACHLOROBUTADIENE	0.216 U	0.2 U	0.198 U		0.195 U								0.2 U
HEXACHLOROCYCLOPENTADIENE	1.08 U	1 U	0.991 U		0.973 U								1 U
HEXACHLOROETHANE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
INDENO(1,2,3-CD)PYRENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
NAPHTHALENE	0.216 U	0.2 U	0.198 U		0.195 U								0.2 U
NITROBENZENE	0.216 U	0.2 U	0.198 U		0.195 U								0.2 U
O-TOLUIDINE	0.757 U	0.7 U	0.694 U		0.681 U								0.7 U
PENTACHLOROBENZENE	0.216 U	0.2 U	0.198 U		0.195 U								0.2 U
PENTACHLOROPHENOL	0.325 U	0.3 U	0.297 U		0.292 U								0.3 U
PHENANTHRENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
PHENOL	1.08 U	1 U	0.991 U		0.973 U								1 U
PYRENE	0.108 U	0.1 U	0.0991 U		0.0973 U								0.1 U
Pesticides/PCBs (UG/L)													
4,4'-DDD	0.003 U	0.01 U	0.00325 U		0.00326 U								0.00309 U
4,4'-DDE	0.002 U	0.01 U	0.00217 U		0.00217 U								0.00206 U
4,4'-DDT	0.006 U	0.01 U	0.00651 U		0.00652 U								0.00619 U
ALDRIN	0.002 U	0.01 U	0.00217 U		0.00217 U								0.00206 U
ALPHA-BHC	0.003 U	0.01 U	0.00325 U		0.00326 U								0.00309 U
ALPHA-CHLORDANE	0.003 U	0.01 U	0.00325 U		0.00326 U								0.00309 U
AROCLOR-1016	0.02 U	0.1 U	0.0217 U		0.0217 U								0.0206 U
AROCLOR-1221	0.02 U	0.1 U	0.0217 U		0.0217 U								0.0206 U
AROCLOR-1232	0.02 U	0.1 U	0.0217 U		0.0217 U								0.0206 U
AROCLOR-1242	0.02 U	0.1 U	0.0217 U		0.0217 U								0.0206 U
AROCLOR-1248	0.02 U	0.1 U	0.0217 U		0.0217 U								0.0206 U
AROCLOR-1254	0.02 U	0.1 U	0.0217 U		0.0217 U								0.0206 U
AROCLOR-1260	0.02 U	0.1 U	0.0217 U		0.0217 U								0.0206 U
BETA-BHC	0.002 U	0.01 U	0.00217 U		0.00217 U								0.00206 U
DELTA-BHC	0.001 U	0.01 U	0.00108 U		0.00109 U								0.00103 U
DIELDRIN	0.003 U	0.01 U	0.00325 U		0.00326 U								0.00309 U
ENDOSULFAN I	0.003 U	0.01 U	0.00325 U		0.00326 U								0.00309 U
ENDOSULFAN II	0.002 U	0.01 U	0.00217 U		0.00217 U								0.00206 U
ENDOSULFAN SULFATE	0.007 U	0.01 U	0.00759 U		0.00761 U								0.00722 U
ENDRIN	0.002 U	0.01 U	0.00217 U		0.00217 U								0.00206 U
ENDRIN ALDEHYDE	0.002 U	0.01 U	0.00217 U		0.00217 U								0.00206 U
GAMMA-BHC (LINDANE)	0.001 U	0.01 U	0.00108 U		0.00109 U								0.00103 U
GAMMA-CHLORDANE	0.002 U	0.01 U	0.00217 U		0.00217 U								0.00206 U
HEPTACHLOR	0.004 U	0.01 U	0.00434 U		0.00435 U								0.00412 U
HEPTACHLOR EPOXIDE	0.004 U	0.01 U	0.00434 U		0.00435 U								0.00412 U
METHOXYCHLOR	0.003 U	0.01 U	0.00325 U		0.00326 U								0.00309 U
PENTACHLORONITROBENZENE	0.003 U	0.01 U	0.00325 U		0.00326 U								0.00309 U
TOXAPHENE	0.01 U	0.1 U	0.0108 U		0.0109 U								0.0103 U
Radiological Parameters (PCI/L)													
GROSS ALPHA	1.6 U	1.1 U	1.9 U	1.86 U	3.5		2.99 U	5.35 J	5.13	5.21	2.81 U	6.71	1.4 U
GROSS BETA	5.4 U	4.6 U	6.2 U	2.34 U	12.2		3.09	35.4	39	35.5	11.9	42.9	5.7 U
RADIUM-228						0.638 U							
STRONTIUM-90						1.15 U							
Inorganics (UG/L)													
ALUMINUM	3.44	2.8	4.78	3.31	4.59		5.28	5.15	2.96	52.6	3.67	4.78	2.33
ANTIMONY	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U		0.14 U	0.154	0.224	0.14 U	0.14 U	0.233	0.14 U
ARSENIC	2.7	2.24	2.77	3.43	3.08		2.23	5.56	8.49	3.61	6.33	9.25	2.7
BARIUM	12	10.3	12.4	5.51	11.9		5.92	9.53	7.75	6.05	16.4	9.9	13.6
BERYLLIUM	0.0337 U	0.0308	0.03 U	0.03 U	0.03 U		0.0388	0.179 U	0.141 J	0.156	0.187	0.169	0.03 U
CADMIUM	0.04 U	0.42	0.0726	0.0478	0.04 U		0.04 U	0.04 U	0.04 U	0.04 U	0.625	0.134	0.04 U
CALCIUM				48.2	92		51.9	124	101	93.3	118	125	112
CHROMIUM	0.722	0.308	1.75	0.445	0.348		0.728	0.156	0.178 J	0.262	0.57	0.25	0.769
COBALT	0.0545	0.0437	0.087	0.03 U	0.0928		0.03 U	0.316	0.193 J	0.13	0.0538	0.501	0.03 U
COPPER	99.8	11.7	132	33.7	42.7		336	39.3	211	21.9	157	223	44.9
IRON	6.56	5.19	50.4	24.9	168		4.7 U	111	73.9 J	36.1	15.5	15.6	12.2
LEAD	1.16	1.89	7.33	1.74	7.08		0.831	1.48	0.841 U	2.63	11.4	2.8	1.43
MAGNESIUM				5.76	19.9		5.18	22.5	23.2	25.9	18.4	26.2	25.4
MANGANESE	0.432	0.431	1.85	1.12	7.54		0.258	2.53	0.132 U	3.72	0.56	0.103 U	0.744

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STUDY AREA 05
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1151	1157	1182	1315	1694	1694	1699	1751	1756	1766	1766-PBL	1771	1813
Sample ID	1151TW001	1157TW001	1182TW001	1315TW001	1694TW001	1694TW002	1699TW001	1751TW001	1756TW001	1766IW001	1766TW001	1771TW001	1813TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE I	PHASE I	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20080708	20080623	20081002	20090310	20081006	20090529	20090508	20090708	20090616	20090518	20090518	20090611	20081007
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09	STUDY AREA 05
Premise ID	6322980432300	6322979007220	6322979202503	6322975732410	6322977212823	6322977212823	6322977638403	6131224406087	6131222602002	6131826808007	6131826808007	6131222602080	6178600406130
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	WELL	PUBLIC
MERCURY	0.026	0.015 U	0.015 U	0.09	0.015 U		0.04	0.015 U	0.015 U	0.031	0.04	0.015 U	0.015 U
NICKEL	2.81	0.55	117	1.04	25.9		3.13 U	66.9	0.171 U	51	3.14	2.95	3.23
POTASSIUM				0.715	2.43		0.626	23.7	44.6	41.6	14.9	44.7	2.26
SELENIUM	0.217	0.2 U	0.226	0.2 U	0.922		0.2 U	0.294	0.417	0.706	0.2 U	0.313	0.229
SILVER	0.12 U	0.12 U	0.431	0.12 U	0.12 U		0.219	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM				3.03	8.96		3.19	44.2	66	80.6	17.6	81.9	7.18
THALLIUM	0.114 U	0.807	0.04 U	0.36 U	0.626 U		0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0653	0.202 U
TIN	0.198	0.1 U	1.18	0.1 U	0.209		0.1 U	0.259	0.34	0.144	0.1 U	0.496	0.101
URANIUM	0.639	0.621	0.973	0.647	0.836		0.198	5.94	15.7	31.8	2.5	17.2	1.04
VANADIUM	1.69	1 U	1.43 U	1.3	1 U		1 U	4	12.5 J	5.55	8.3	12.6	2.34
ZINC	57.8	358	329	519	1520		83.6	109	19 J	17900	4860	688	61.6
Microbiological Parameters													
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <		1 <			1 <	1 <	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)	0	0											
PLATE COUNT	0	4											
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <		1 <			201 >	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)													
CHLORIDE	8.98	7.8	14.7	5.26	22.4		5.7	82.5	87	89.7	15.5	99.4	11.9
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U		0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.747		0.2 U	1.02	1.06	1.11	0.658	1	0.2 U
NITRATE	3.11	2.87	3.52 J	2.23	10.1		1.94 J	91 J	84	81.2	6.83	88.6 J	3.49
NITRITE	0.2 U	0.2 U	0.2 UR	0.2 U	0.2 U		0.2 UJ	0.2 UR	0.2 U	0.705	0.2 U	0.2 U	0.2 U
PHOSPHATE	0.4 U	0.4 U	0.4 UR	0.4 U	0.4 U		0.4 UJ	0.4 UR	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
SULFATE	5.95	5.58	7.61	1.98	20.2		2.15	65.1	64.8	59.1	6.71	74	7.89
Field Parameters													
CHLORINE (MG/L)	0.1	0.08	0.12	0	0.02	0.02	0.07	0.08	0	0	0.1	0	0.08
DISSOLVED OXYGEN (MG/L)	9.3	9.5	8.71	10.49	9.99	8.45	6.86	8.79	9.45	7.97	6.67	7.78	9.16
OXIDATION REDUCTION POTENTIAL (MV)	656	389	616	326	329	347	467	347	151	180	209	257	543
PH (S.U.)	6.73	7.4	7.16	7.21	7.67	7.54	7.72	6.89	6.99	6.98	7.18	6.82	7.07
SALINITY (%)	0	0	0	0	0	0.01	0.01	0.02	0.03	0.03	0.02	0.04	0
SPECIFIC CONDUCTANCE (MS/CM)	89	50.5	0.75	0.314	0.74	0.695	0.283	0.845	1.12	0.983	0.658	1.27	0.8
TEMPERATURE (C)	18.43	22.29	16.86	13.09	18	20.24	21.53	18.87	19.48	25.27	29.12	20.31	16.09
TOTAL DISSOLVED SOLIDS													
TURBIDITY (NTU)	4.2			0.2		0	0	0	0	9.4	0	0.2	

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1842	1843	1849	1945	1945	1969	1969	2016	2016	2021	2049	2051
Sample ID	1842TW001	1843TW001	1849TW001	1945TW001	1945TW002	1969TW001	1969TW002	2016TW001	2016TW002	2021TW001	2049TW001	2051TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	PHASE II	PRE-LEASE HOME	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II
Sample Date	20081017	20081018	20081018	20081216	20090702	20081218	20090624	20090117	20090420	20090307	20090204	20090116
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6322976024674	6322976038505	6322975682150	6322977920220	6322977920220	6322768040140	6322768040140	6131222602041	6131222602041	6322768840129	6322974806159	6322976202630
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)												
1,2,3,4,6,7,8,9-OCDD	0.0042 U	0.0037 U	0.0069 U	0.0031 U		0.0037 U		0.0018 U		0.0055 U	0.0055 U	0.0041 U
1,2,3,4,6,7,8,9-OCDF	0.0028 U	0.0026 U	0.0011 U	0.00098 J		0.0011 J		0.0012 U		0.0011 U	0.00078 U	0.000802 U
1,2,3,4,6,7,8-HPCDD	0.001129 U	0.0011 J	0.0018 J	0.0015 U		0.001 U		0.001 U		0.0017 U	0.0019 U	0.0021 U
1,2,3,4,6,7,8-HPCDF	0.0013 U	0.00067 U	0.0013 U	0.00091 U		0.00092 U		0.00019 U		0.0015 U	0.00088 U	0.0019 U
1,2,3,4,7,8,9-HPCDF	0.000853 U	0.000443 U	0.000473 U	0.000352 U		0.0004 U		0.00026 J		0.00049 U	0.00015 U	0.00088 U
1,2,3,4,7,8-HXCDD	0.00063 U	0.000394 U	0.000723 U	0.00035 U		0.00055 U		0.0006 U		0.00049 J	0.00013 U	0.000413 U
1,2,3,4,7,8-HXCDF	0.00033 U	0.00035 U	0.0004 U	0.0007 U		0.00072 U		0.00024 U		0.00017 U	0.00038 U	0.00058 J
1,2,3,6,7,8-HXCDD	0.00053 U	0.00047 J	0.000623 U	0.00023 U		0.000474 U		0.0005 U		0.00039 U	0.00015 U	0.00034 U
1,2,3,6,7,8-HXCDF	0.00028 U	0.000271 U	0.000274 U	0.00028 U		0.00052 U		0.00024 U		0.00015 U	0.00013 U	0.00061 U
1,2,3,7,8,9-HXCDD	0.000551 U	0.00035 U	0.000623 U	0.00033 U		0.0005 U		0.00053 U		0.000412 U	0.00015 U	0.000364 U
1,2,3,7,8,9-HXCDF	0.00038 U	0.000394 U	0.0004 U	0.000251 U		0.0005 U		0.00026 U		0.00073 U	0.00015 U	0.000364 U
1,2,3,7,8-PECDD	0.00058 U	0.000911 U	0.00047 J	0.00053 U		0.000724 U		0.00065 U		0.00049 U	0.0002 U	0.0011 U
1,2,3,7,8-PECDF	0.00015 U	0.00062 U	0.0002 U	0.00015 U		0.0005 U		0.00029 J		0.00029 U	0.00053 U	0.00054 J
2,3,4,6,7,8-HXCDF	0.00033 U	0.00032 U	0.00035 U	0.00023 U		0.00047 U		0.00031 U		0.00024 U	0.00015 U	0.00056 U
2,3,4,7,8-PECDF	0.00019 U	0.00081 U	0.0002 U	0.00023 U		0.00082 U		0.00043 J		0.00068 U	0.00063 U	0.001 J
2,3,7,8-TCDD	0.0002 U	0.00035 U	0.00032 U	0.00025 U		0.0006 U		0.00048 J		0.000412 U	0.0002 U	0.00034 U
2,3,7,8-TCDF	0.00029 U	0.00039 U	0.00025 U	0.00018 U		0.000424 U		0.00026 J		0.00063 U	0.00085 U	0.0012 J
TEQ	0.0002 U	0.000058	0.000488	2.94E-07		3.3E-07		0.000646		0.000049	0.0002 U	0.000494
TOTAL HPCDD	0.001129 U	0.0011 J	0.0018 J	0.0015 J		0.001 J		0.002 J		0.0017 J	0.003 J	0.0032 J
TOTAL HPCDF	0.00222 U	0.00079 U	0.0014 J	0.001 J		0.0013 J		0.00048 J		0.0018 J	0.00095 J	0.0036 J
TOTAL HXCDD	0.001706 U	0.0011 U	0.002 U	0.00088 J		0.001523 U		0.0016 U		0.0013 U	0.0013 J	0.001118 U
TOTAL HXCDF	0.001304 U	0.00133 U	0.0014 U	0.0014 J		0.0019 J		0.00093 U		0.0012 J	0.0006 J	0.0019 J
TOTAL PECDD	0.00058 U	0.000911 U	0.00047 J	0.00053 U		0.000724 U		0.00065 U		0.00049 U	0.0002 U	0.0011 J
TOTAL PECDF	0.00033 U	0.001232 U	0.0004 U	0.00033 J		0.0011 J		0.00072 J		0.00097 J	0.0012 J	0.0016 J
TOTAL TCDD	0.000602 U	0.001035 U	0.00085 J	0.00068 U		0.0018 U		0.00098 J		0.001238 U	0.0015 J	0.0013 J
TOTAL TCDF	0.00044 J	0.00052 J	0.0005 U	0.00038 J		0.00085 U		0.00048 J		0.00075 J	0.0016 J	0.0028 J
Volatile Organics (UG/L)												
1,1,1,2-TETRACHLOROETHANE	0.11 U	0.11 U	0.11 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.17 U	0.17 U	0.17 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.05 U	0.05 U	0.05 U	0.08 U		0.08 UJ		0.08 U		0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.11 U	0.11 U	0.11 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.14 U		0.14 UJ		0.14 U		0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.12 U	0.12 U	0.12 U	0.1 U		0.1 UJ		0.1 U		0.113 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.13 U	0.13 U	0.13 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U		0.06 UJ		0.06 U		0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.2 U		0.2 UJ		0.2 U		0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.09 U	0.09 U	0.09 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.07 U	0.07 U	0.07 U	0.08 U		0.08 UJ		0.08 U		0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.15 U	0.15 U	0.15 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.4 U	0.4 U	0.4 U	0.2 U		0.2 UJ		0.2 UJ		0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U		0.08 UJ		0.08 U		0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U		0.13 UJ		0.13 U		0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.11 U	0.11 U	0.11 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.07 U	0.07 U	0.07 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
2-BUTANONE	1.6 U	1.6 U	1.6 U	2 U		2 UJ		2 UJ		2 U	2 U	2 U
2-CHLOROTOLUENE	0.12 U	0.12 U	0.12 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U		0.2 UJ		0.2 U		0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.13 U	0.13 U	0.13 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.1 U	0.1 U	0.1 U	0.07 U		0.07 UJ		0.07 U		0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.1 U	0.1 U	0.1 U	0.11 U		0.11 UJ		0.11 U		0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U		1 UJ		1 U		1 U	1 U	1 U
ACROLEIN	0.4 U	0.4 U	0.4 U	1.3 U		1.3 UJ		1.3 U		1.3 U	1.3 U	1.3 U
BENZENE	0.05 U	0.05 U	0.05 U	0.11 U		0.11 UJ		0.11 U		0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.334 J	0.362 J	0.474 J	0.1 U		0.179 J		0.1 U		0.1 U	0.1 U	0.1 U
BROMOFORM	1.22	1.21	1.4	2.16		2.4 J		0.06 U		0.06 U	0.215 J	0.06 U
BROMOMETHANE	0.37 U	0.37 U	0.37 U	0.5 U		0.5 UJ		0.5 U		0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U		0.08 UJ		0.08 U		0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.12 U	0.12 U	0.12 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.823	0.882	1.18	0.218 J		1.5 J		0.1 U		0.1 U	0.1 U	0.1 U
CHLOROETHANE	0.18 U	0.18 U	0.18 U	0.3 U		0.3 UJ		0.3 U		0.3 U	0.3 U	0.3 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

Location	1842	1843	1849	1945	1945	1969	1969	2016	2016	2021	2049	2051
Sample ID	1842TW001	1843TW001	1849TW001	1945TW001	1945TW002	1969TW001	1969TW002	2016TW001	2016TW002	2021TW001	2049TW001	2051TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	PHASE II	PRE-LEASE HOME	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II
Sample Date	20081017	20081018	20081018	20081216	20090702	20081218	20090624	20090117	20090420	20090307	20090204	20090116
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6322976024674	6322976038505	6322975682150	6322977920220	6322977920220	6322768040140	6322768040140	6131222602041	6131222602041	6322768840129	6322974806159	6322976202630
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC
CHLOROFORM	0.196 J	0.192 J	0.182 J	0.09 U		0.09 UJ		0.09 U		0.09 U	0.09 U	0.09 U
CHLOROMETHANE	0.21 U	0.21 U	0.21 U	0.2 U		0.2 UJ		0.2 U		0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.15 U	0.15 U	0.15 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.12 U	0.12 U	0.12 U	0.14 U		0.14 UJ		0.14 U		0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U		0.05 UJ		0.05 U		0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.06 U	0.06 U	0.06 U	0.08 U		0.08 UJ		0.08 U		0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.09 U	0.09 U	0.09 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.11 U	0.11 U	0.11 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	0.69 U	0.69 U	0.69 U	0.2 U		0.2 UJ		0.2 U		0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.05 U	0.05 U	0.05 U	0.07 U		0.07 UJ		0.07 U		0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U		0.07 UJ		0.07 U		0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U		0.07 UJ		0.07 U		0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.04 U	0.04 U	0.04 U	0.06 U		0.06 UJ		0.06 U		0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U		0.08 UJ		0.08 U		0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.19 U	0.19 U	0.19 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.07 U	0.07 U	0.07 U	0.1 U		0.1 UJ		21.8		0.1 U	0.1 U	0.1 U
TOLUENE	0.17 U	0.17 U	0.17 U	0.1 U		0.187 U		0.1 U		0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.15 U	0.15 U	0.15 U	0.11 U		0.11 UJ		0.11 U		0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U		0.07 UJ		0.07 U		0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U		0.13 UJ		0.13 U		0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.19 U	0.19 U	0.19 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.15 U	0.15 U	0.15 U	0.1 U		0.1 UJ		0.1 U		0.1 U	0.1 U	0.1 U
Semivolatile Organics (UG/L)												
1,1-BIPHENYL	0.206 U	0.201 U	0.198 U	0.191 U		0.191 U		0.19 U				0.194 U
1,2,4,5-TETRACHLOROBENZENE	0.206 U	0.201 U	0.198 U	0.191 U		0.191 U		0.19 U				0.194 U
2,3,4,6-TETRACHLOROPHENOL	0.309 U	0.301 U	0.297 U	0.287 UR		0.287 UJ		0.285 UJ				0.291 UR
2,4,5-TRICHLOROPHENOL	0.515 U	0.502 U	0.494 U	0.478 UR		0.478 UJ		0.476 UJ				0.485 UR
2,4,6-TRICHLOROPHENOL	0.515 U	0.502 U	0.494 U	0.478 UR		0.478 UJ		0.476 UJ				0.485 UR
2,4-DICHLOROPHENOL	0.721 U	0.703 U	0.692 U	0.67 UR		0.669 UJ		0.666 UJ				0.68 UR
2,4-DIMETHYLPHENOL	1.03 U	1 U	0.988 U	0.957 UR		0.956 UJ		0.951 UJ				0.971 UR
2,4-DINITROPHENOL	0.309 U	0.301 U	0.297 U	0.287 UR		0.287 UJ		0.285 UJ				0.291 UR
2,4-DINITROTOLUENE	1.03 U	1 U	0.988 U	0.957 U		0.956 U		0.951 U				0.971 U
2,6-DICHLOROPHENOL	0.824 U	0.804 U	0.791 U	0.766 UR		0.765 UJ		0.761 UJ				0.777 UR
2,6-DINITROTOLUENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
2-CHLORONAPHTHALENE	0.206 U	0.201 U	0.198 U	0.191 U		0.191 U		0.19 U				0.194 U
2-CHLOROPHENOL	0.927 U	0.904 U	0.89 U	0.861 UR		0.86 UJ		0.856 UJ				0.874 UR
2-METHYLNAPHTHALENE	0.206 U	0.201 U	0.198 U	0.191 U		0.191 U		0.19 U				0.194 U
2-METHYLPHENOL	0.721 U	0.703 U	0.692 U	0.67 UR		0.669 UJ		0.666 UJ				0.68 UR
2-NITROPHENOL	0.927 U	0.904 U	0.89 U	0.861 UR		0.86 UJ		0.856 UJ				0.874 UR
3&4-METHYLPHENOL	1.24 U	1.21 U	1.19 U	1.15 UR		1.15 UJ		1.14 UJ				1.17 UR
3-NITROANILINE	1.03 U	1 U	0.988 U	0.957 U		0.956 U		0.951 U				0.971 U
4,6-DINITRO-2-METHYLPHENOL	0.206 U	0.201 U	0.198 U	0.191 UR		0.191 UJ		0.19 UJ				0.194 UR
4-BROMOPHENYL PHENYL ETHER	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
4-CHLORO-3-METHYLPHENOL	0.618 U	0.603 U	0.593 U	0.574 UR		0.574 UJ		0.571 UJ				0.583 UR
4-CHLOROANILINE	1.03 U	1 U	0.988 U	0.957 U		0.956 U		0.951 U				0.971 U
4-NITROANILINE	1.03 U	1 U	0.988 U	0.957 U		0.956 U		0.951 UJ				0.971 U
4-NITROPHENOL	0.309 U	0.301 U	0.297 U	0.287 UR		0.287 UJ		0.285 UJ				0.291 UR
ACENAPHTHENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
ACENAPHTHYLENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
ANILINE	1.03 U	1 U	0.988 U	0.957 U		0.956 U		0.951 U				0.971 U
ANTHRACENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
ATRAZINE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
BAP EQUIVALENT	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.132				0.0971 U
BENZO(A)ANTHRACENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
BENZO(A)PYRENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
BENZO(B)FLUORANTHENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
BENZO(G,H,I)PERYLENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0961 U				0.0971 U
BENZO(K)FLUORANTHENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
BIS(2-ETHYLHEXYL)PHTHALATE	1.44 U	1.41 U	1.38 U	1.34 U		1.34 U		1.33 U				1.36 U
BUTYL BENZYL PHTHALATE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
CARBAZOLE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
CHRYSENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
DI-N-BUTYL PHTHALATE	1.34 U	1.31 U	1.28 U	1.24 U		1.24 U		1.24 U				1.26 U
DI-N-OCTYL PHTHALATE	0.206 U	0.201 U	0.198 U	0.191 U		0.191 U		0.19 U				0.194 U
DIBENZO(A,H)ANTHRACENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.132 J				0.0971 U
DIBENZOFURAN	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1842	1843	1849	1945	1945	1969	1969	2016	2016	2021	2049	2051
Sample ID	1842TW001	1843TW001	1849TW001	1945TW001	1945TW002	1969TW001	1969TW002	2016TW001	2016TW002	2021TW001	2049TW001	2051TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	PHASE II	PRE-LEASE HOME	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II
Sample Date	20081017	20081018	20081018	20081216	20090702	20081218	20090624	20090117	20090420	20090307	20090204	20090116
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6322976024674	6322976038505	6322975682150	6322977920220	6322977920220	6322768040140	6322768040140	6131222602041	6131222602041	6322768840129	6322974806159	6322976202630
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC
DIETHYL PHTHALATE	0.206 U	0.201 U	0.198 U	0.191 U		0.191 U		0.19 U				0.194 U
DIMETHYL PHTHALATE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
DIPHENYLAMINE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
FLUORANTHENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
FLUORENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
HEXACHLOROBENZENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
HEXACHLOROBUTADIENE	0.206 U	0.201 U	0.198 U	0.191 U		0.191 U		0.19 U				0.194 U
HEXACHLOROCYCLOPENTADIENE	1.03 U	1 U	0.988 U	0.957 U		0.956 U		0.951 U				0.971 U
HEXACHLOROETHANE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
INDENO(1,2,3-CD)PYRENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0969 U				0.0971 U
NAPHTHALENE	0.206 U	0.201 U	0.198 U	0.191 U		0.191 U		0.19 U				0.194 U
NITROBENZENE	0.206 U	0.201 U	0.198 U	0.191 U		0.191 U		0.19 U				0.194 U
O-TOLUIDINE	0.721 U	0.703 U	0.692 U	0.67 U		0.669 U		0.666 U				0.68 U
PENTACHLOROBENZENE	0.206 U	0.201 U	0.198 U	0.191 U		0.191 U		0.19 U				0.194 U
PENTACHLOROPHENOL	0.309 U	0.301 U	0.297 U	0.287 UR		0.287 UJ		0.285 UJ				0.291 UR
PHENANTHRENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
PHENOL	1.03 U	1 U	0.988 U	0.957 UR		0.956 UJ		0.951 UJ				0.971 UR
PYRENE	0.103 U	0.1 U	0.0988 U	0.0957 U		0.0956 U		0.0951 U				0.0971 U
Pesticides/PCBs (UG/L)												
4,4'-DDD	0.00322 U	0.00312 U	0.00318 U	0.003 U		0.0031 UJ		0.003 U				0.00312 U
4,4'-DDE	0.00215 U	0.00208 U	0.00212 U	0.002 U		0.00207 UJ		0.002 U				0.00208 U
4,4'-DDT	0.00644 U	0.00624 U	0.00636 U	0.00601 U		0.0062 UJ		0.006 U				0.00623 U
ALDRIN	0.00215 U	0.00208 U	0.00212 U	0.002 U		0.00207 UJ		0.002 U				0.00208 U
ALPHA-BHC	0.00322 U	0.00312 U	0.00318 U	0.003 U		0.0031 UJ		0.003 U				0.00312 U
ALPHA-CHLORDANE	0.00322 U	0.00312 U	0.00318 U	0.003 U		0.0031 UJ		0.003 U				0.00312 U
AROCLOR-1016	0.0215 U	0.0208 U	0.0212 U	0.02 U		0.0207 UJ		0.02 U				0.0208 U
AROCLOR-1221	0.0215 U	0.0208 U	0.0212 U	0.02 U		0.0207 UJ		0.02 U				0.0208 U
AROCLOR-1232	0.0215 U	0.0208 U	0.0212 U	0.02 U		0.0207 UJ		0.02 U				0.0208 U
AROCLOR-1242	0.0215 U	0.0208 U	0.0212 U	0.02 U		0.0207 UJ		0.02 U				0.0208 U
AROCLOR-1248	0.0215 U	0.0208 U	0.0212 U	0.02 U		0.0207 UJ		0.02 U				0.0208 U
AROCLOR-1254	0.0215 U	0.0208 U	0.0212 U	0.02 U		0.0207 UJ		0.02 U				0.0208 U
AROCLOR-1260	0.0215 U	0.0208 U	0.0212 U	0.02 U		0.0207 UJ		0.02 U				0.0208 U
BETA-BHC	0.00215 U	0.00208 U	0.00212 U	0.002 U		0.00207 UJ		0.002 U				0.00208 U
DELTA-BHC	0.00107 U	0.00104 U	0.00106 U	0.001 U		0.00103 UJ		0.001 U				0.00104 U
DIELDRIN	0.00322 U	0.00312 U	0.00318 U	0.003 U		0.0031 UJ		0.003 U				0.00312 U
ENDOSULFAN I	0.00322 U	0.00312 U	0.00318 U	0.003 U		0.0031 UJ		0.003 U				0.00312 U
ENDOSULFAN II	0.00215 U	0.00208 U	0.00212 U	0.002 U		0.00207 UJ		0.002 U				0.00208 U
ENDOSULFAN SULFATE	0.00751 U	0.00728 U	0.00742 U	0.00701 U		0.00723 UJ		0.007 U				0.00727 U
ENDRIN	0.00215 U	0.00208 U	0.00212 U	0.002 U		0.00207 UJ		0.002 U				0.00208 U
ENDRIN ALDEHYDE	0.00215 U	0.00208 U	0.00212 U	0.002 U		0.00207 UJ		0.002 U				0.00208 U
GAMMA-BHC (LINDANE)	0.00107 U	0.00104 U	0.00106 U	0.001 U		0.00103 UJ		0.001 U				0.00104 U
GAMMA-CHLORDANE	0.00215 U	0.00208 U	0.00212 U	0.002 U		0.00207 UJ		0.002 U				0.00208 U
HEPTACHLOR	0.00429 U	0.00416 U	0.00424 U	0.004 U		0.00413 UJ		0.004 U				0.00415 U
HEPTACHLOR EPOXIDE	0.00429 U	0.00416 U	0.00424 U	0.004 U		0.00413 UJ		0.004 U				0.00415 U
METHOXYCHLOR	0.00322 U	0.00312 U	0.00318 U	0.003 U		0.0031 UJ		0.003 U				0.00312 U
PENTACHLORONITROBENZENE	0.00322 U	0.00312 U	0.00318 U	0.003 U		0.0031 UJ		0.003 U				0.00312 U
TOXAPHENE	0.0107 U	0.0104 U	0.0106 U	0.01 U		0.0103 UJ		0.01 U				0.0104 U
Radiological Parameters (PCI/L)												
GROSS ALPHA	1.6 U	1.4 U	1.6 U	10		6.2		4.6		3.07	1.9 U	1.9 U
GROSS BETA	5.4 U	5.9 U	5.4 U	15.9		10.3		56.8		28.4	5.7 U	5.7 U
RADIUM-228					0.693 U		0.562 U		0.846 U			
STRONTIUM-90					1.41 U		1.38 U		1.76 U			
Inorganics (UG/L)												
ALUMINUM	2.2 U	4.55	2.35	2.2 U		4.47		2.2 U		15.3	5.35	2.2 U
ANTIMONY	0.14 U	0.14 U	0.14 U	0.14 U		0.14 U		0.195		0.152	0.14 U	0.14 U
ARSENIC	3.67	3.79	3.88	3.87		2.76		8.62		6.63	1.82	6.2
BARIUM	14.1	14.7	16.4	13.1		9.35		6.18		1.18	9.77	17
BERYLLIUM	0.03 U	0.03 U	0.03 U	0.03 U		0.03 U		0.148		0.157	0.03 U	0.03 U
CADMIUM	0.137	0.04 U	0.04 U	0.04 U		0.103		0.04 U		0.106	0.04 U	0.0503
CALCIUM				94		75.6		99.7		58.1	56.6	63.9
CHROMIUM	0.177	0.808	0.979	0.844 U		0.6 U		0.15 U		0.15 U	0.374	1.35
COBALT	0.0513	0.0762	0.03 U	0.03 U		0.03 U		0.186		0.207	0.03 U	0.0709
COPPER	66	25.2	20	29.1		13.6		913		299	30.4	93.8
IRON	4.7 U	24.9	5.54	4.92		36.9		30.7		37.9 J	4.7 U	4.7 U
LEAD	1.55	3.46	0.385	0.572		1.86		0.475		0.852 U	1.23	1.16
MAGNESIUM				18.8		13.3		22		13.7	9.28	10.9
MANGANESE	7.43	1.3	1.01	0.62		1.52		0.936		6.43	0.397	5.89

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1842	1843	1849	1945	1945	1969	1969	2016	2016	2021	2049	2051
Sample ID	1842TW001	1843TW001	1849TW001	1945TW001	1945TW002	1969TW001	1969TW002	2016TW001	2016TW002	2021TW001	2049TW001	2051TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	PHASE II	PRE-LEASE HOME	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II
Sample Date	20081017	20081018	20081018	20081216	20090702	20081218	20090624	20090117	20090420	20090307	20090204	20090116
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6322976024674	6322976038505	6322975682150	6322977920220	6322977920220	6322768040140	6322768040140	6131222602041	6131222602041	6322768840129	6322974806159	6322976202630
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC
MERCURY	0.02	0.032	0.039	0.016		0.028		0.036		0.038 J	0.021	0.015 U
NICKEL	1.89	1.52	0.888	0.748		2.97		1.46		16.8 J	3.02	3.4
POTASSIUM				1.69		1.23		43.1		30.2	0.947	1.07
SELENIUM	0.234	0.2 U	0.2 U	0.2 U		0.2 U		0.532 U		0.278	0.2 U	0.341
SILVER	0.12 U	0.12 U	0.12 U	0.12 U		0.12 U		0.12 U		0.12 U	0.12 U	0.12 U
SODIUM				5.8		4.15		65.7		52.3	3.5	3.23
THALLIUM	0.136 U	0.04 U	0.04 U	0.192 U		0.04 U		0.04 U		0.726	0.04 U	0.527 U
TIN	0.163	0.145	0.115	0.324		0.1 U		0.1 U		0.1 U	0.233	0.1 U
URANIUM	0.963	1.15	1.16	0.782		0.594		11.5		4.83	0.326	1.71
VANADIUM	1.97	2.04	1.07	2.13		1.09		11.6		7.12	1 U	3.94
ZINC	349	1110	40.7	24.1		201		89.2		1520	152	134
Microbiological Parameters												
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <		1 <		1 <		1 <	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)												
PLATE COUNT												
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <		1 <		12.4		1 <	1 <	1 <
Miscellaneous Parameters (MG/L)												
CHLORIDE	11	11.3	12.6	8.52		6.85		79		61.4	5.96	7.1
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U		0.004 U		0.004 U		0.004 U	0.004 U	0.004 U
FLUORIDE	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		1.13		1.29	0.2 U	0.2 U
NITRATE	2.99 J	3.45 J	3.48 J	2.84		2.71		94.8 J		85.1 J	2.46	2.76 J
NITRITE	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U		0.2 U		0.2 UJ		0.2 UJ	0.2 U	0.2 UJ
PHOSPHATE	0.4 UJ	0.4 UJ	0.4 UJ	0.4 U		0.4 U		0.4 UJ		0.4 UJ	0.4 U	0.4 UJ
SULFATE	8.13	8.78	10.4	5.5		4.72		69.4		62.1	3.43	4.33
Field Parameters												
CHLORINE (MG/L)	0.14	0.08	0.14	0.07	0.05	0.01	0.06	0	0	0.02	0.08	0.08
DISSOLVED OXYGEN (MG/L)	8.88	10.25	9.49	9.87	6.93	7.88	7.38	3.33	3.59	8.72	10.29	10.73
OXIDATION REDUCTION POTENTIAL (MV)	566	605	600	536	476	570	476	304	277	338	545	498
PH (S.U.)	7.33	7.25	6.96	7.32	7.69	7.5	7.19	7.09	6.87	7.35	7.19	7.05
SALINITY (%)	0	0	0	0	0.01	0.01	0.01	0.1	0.03	0	0	0
SPECIFIC CONDUCTANCE (MS/CM)	0.77	0.8	0.86	0.639	0.31	0.363	0.384	1.2	1.1	0.829	0.404	0.494
TEMPERATURE (C)	16.72	17.83	16.99	13.59	22.05	13.32	20.23	23.72	18.85	16.58	12.61	9.5
TOTAL DISSOLVED SOLIDS				0.41								
TURBIDITY (NTU)	5.8	2.14	2.3	2.4	0	0	0	14	0	0.2	13.3	1.1

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0894	0894	0894	0975	1120	1132	1132	1132	1813	1849	2016	2049	2051
Sample ID	0894SS0010006	0894SS0010006-AVG	0894SS0010006-D	0975SS0010006	1120SS0010006	1132SS0010006	1132SS0010006-AVG	1132SS0010006-D	1813SS0010006	1849SS0010006	2016SS0010006	2049SS0010006	2051SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090219	20090219	20090219	20090220	20081128	20090227	20090227	20090227	20090224	20090207	20090117	20090204	20090116
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6322768906220	6322768906220	6322768906220	6322768722200	6322980422160	6322979603358	6322979603358	6322979603358	6178600406130	6322975682150	6131222602041	6322974806159	6322976202630
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC
Dioxins/Furans (NG/KG)													
1,2,3,4,6,7,8,9-OCDD	8.6 J	6.175 J	7.5 U	74	13	210	205	200	20	17	5.3 U	20	26
1,2,3,4,6,7,8,9-OCDF	2.4 J	2.05 J	1.7 J	4.3 J	1.5 J	2.2 J	2 J	1.8 J	3 J	1.4 J	0.4 U	2 J	1.3 J
1,2,3,4,6,7,8-HPCDD	2.5 J	1.775 J	2.1 U	10	2.3 U	30	32.5	35	2.8 J	6.1 J	0.79 U	2.9 J	4.2 J
1,2,3,4,6,7,8-HPCDF	1.2 J	1.25 J	1.3 J	2.5 J	1.1 J	1.8 J	1.85 J	1.9 J	1.3 J	4 J	0.68 U	1.4 U	1.2 U
1,2,3,4,7,8,9-HPCDF	0.26 J	0.1825 J	0.21 U	0.301735 U	0.12 U	0.59 U	0.395 U	0.2 U	0.22 U	0.46 J	0.21 U	0.1042 U	0.134212 U
1,2,3,4,7,8-HXCDD	0.21 U	0.18 J	0.18 J	0.26 U	0.066 J	0.2507 U	0.12 J	0.12 J	0.26 U	0.46 J	0.17 U	0.09 U	0.13 U
1,2,3,4,7,8-HXCDF	0.32 J	0.2125 J	0.21 U	9 J	0.29 J	0.58 J	0.475 J	0.37 J	0.32 J	1.5 J	0.11 U	0.47 J	0.72 J
1,2,3,6,7,8-HXCDD	0.38 U	0.34 U	0.3 U	0.41 U	0.2 U	0.7 J	0.66 J	0.62 J	0.81 J	0.88 J	0.14 U	0.16 U	0.13 U
1,2,3,6,7,8-HXCDF	0.38 J	0.235 J	0.18 U	0.52 J	0.13 J	0.24 U	0.2 U	0.16 U	0.24 J	1.3 J	0.14 U	0.11 U	0.31 U
1,2,3,7,8,9-HXCDD	0.35 J	0.32 J	0.29 J	0.28 J	0.12 U	0.44 J	0.28 J	0.12 J	0.45 J	0.78 J	0.14 U	0.12 U	0.19 J
1,2,3,7,8,9-HXCDF	0.23 U	0.275 U	0.32 U	0.290959 U	0.066495 U	0.302 U	0.236 U	0.17 U	0.24 U	0.28 J	0.13 U	0.101 U	0.13 U
1,2,3,7,8-PECDD	0.22 U	0.195 U	0.17 U	0.262222 U	0.054 J	0.22 U	0.18 U	0.14 U	0.27 U	0.55 J	0.16 U	0.13 U	0.114223 U
1,2,3,7,8-PECDF	0.29 J	0.1825 J	0.15 U	1.2 J	0.16 U	0.21 U	0.15 J	0.15 J	0.21 U	1.1 J	0.1 J	0.62 J	0.21 J
2,3,4,6,7,8-HXCDF	0.3 J	0.28 J	0.26 J	0.75 J	0.14 U	0.31 J	1.955 J	3.6	0.22 U	2 J	0.23 J	0.13 U	0.34 J
2,3,4,7,8-PECDF	0.4 J	0.365 J	0.33 J	0.76 J	0.24 U	0.31 U	0.3 U	0.29 U	0.36 J	1.7	0.098 U	0.34 U	0.35 J
2,3,7,8-TCDD	0.13 U	0.12 U	0.11 U	0.15446 U	0.042315 U	0.13 U	0.0985 U	0.067 U	0.13 U	0.24 J	0.06 J	0.11 U	0.089 U
2,3,7,8-TCDF	0.69 U	0.625 U	0.56 U	2.9	0.25 J	0.28 U	0.37 U	0.46 U	0.49 U	1.1 J	0.22 U	0.43 U	0.31 U
TEQ	0.3066	0.246055	0.18551	1.75749	0.14295	0.58466	0.7591	0.91704	0.3379	2.27412	0.086	0.1012	0.28649
TOTAL HPCDD	4.6 J	4.55 J	4.5 J	19	4 J	57	57.5	58	5.7 J	13 J	1.8 J	5.1 J	8.6 J
TOTAL HPCDF	2.4 J	2.25 J	2.1 J	4.9 J	2.3 J	9.8 J	9.7 J	9.6 J	3.5 J	5.8 J	1.3 J	3.7 J	2.3 J
TOTAL HXCDD	3.9 J	3.85 J	3.8 J	5.4 J	1.8 J	7 J	6.8 J	6.6 J	4.1 J	32	0.45 U	2.7 J	4 J
TOTAL HXCDF	4.5 J	4.05 J	3.6 J	9.2 J	3 J	8.7 J	9.35 J	10 J	3 J	20 J	1.4 J	3.3 J	4.8 J
TOTAL PECDD	4.5	4.1 J	3.7 J	1.1 J	0.98 J	1.2 J	1.7 J	2.2 J	0.27 U	21	0.16 J	0.52 J	1.9 J
TOTAL PECDF	5.5 J	4.15 J	2.8 J	14 J	2.2 J	6.5 J	7.1 J	7.7 J	1.7 J	25	0.2 J	3.7 J	6.8 J
TOTAL TCDD	4.9	4.15	3.4	1.9 J	1.2 J	1.7	1.75 J	1.8 J	2.1	18	0.56 J	1.3 J	2.5
TOTAL TCDF	7.3 J	7.15 J	7 J	15 J	2.9 J	4.4 J	4.85 J	5.3 J	3.8 J	24	0.38 J	2.3 J	4 J
Volatile Organics (MG/KG)													
1,1,1,2-TETRACHLOROETHANE	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.000373 U	0.000372 U	0.00037 U	0.00041 U	0.00041 U	0.000455 U	0.000495 U	0.00041 U
1,1,1-TRICHLOROETHANE	0.000541 U	0.000546 U	0.00055 U	0.000533 U	0.000557 U	0.000497 U	0.000495 U	0.000493 U	0.000547 U	0.000547 U	0.000607 U	0.00066 U	0.000546 U
1,1,2,2-TETRACHLOROETHANE	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
1,1,2-TRICHLOROETHANE	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.000373 U	0.000372 U	0.00037 U	0.00041 U	0.00041 U	0.000455 U	0.000495 U	0.00041 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.00301 J	0.001746 J	0.000962 U	0.000933 U	0.000975 U	0.000869 U	0.000866 U	0.000863 U	0.000958 U	0.000957 U	0.00106 U	0.00115 U	0.000956 U
1,1-DICHLOROETHANE	0.000947 U	0.000955 U	0.000962 U	0.000933 U	0.000975 U	0.000869 U	0.000866 U	0.000863 U	0.000958 U	0.000957 U	0.00106 U	0.00115 U	0.000956 U
1,1-DICHLOROETHENE	0.000676 U	0.000682 U	0.000687 U	0.000666 U	0.000697 U	0.000621 U	0.000619 U	0.000616 U	0.000684 U	0.000684 U	0.000759 U	0.000825 U	0.000683 U
1,2,3-TRICHLOROBENZENE	0.000676 U	0.000682 U	0.000687 U	0.000666 U	0.000697 U	0.000621 U	0.000619 U	0.000616 U	0.000684 U	0.000684 U	0.000759 U	0.000825 U	0.000683 U
1,2,3-TRICHLOROPROPANE	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.000373 U	0.000372 U	0.00037 U	0.00041 U	0.00041 U	0.000455 U	0.000495 U	0.00041 U
1,2,4-TRICHLOROBENZENE	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.000373 U	0.000372 U	0.00037 U	0.00041 U	0.00041 U	0.000455 U	0.000495 U	0.00041 U
1,2,4-TRIMETHYLBENZENE	0.000541 U	0.000546 U	0.00055 U	0.000533 U	0.000557 U	0.000497 U	0.000495 U	0.000493 U	0.000547 U	0.000547 U	0.000607 U	0.00066 U	0.000546 U
1,2-DIBROMO-3-CHLOROPROPANE	0.000541 U	0.000546 U	0.00055 U	0.000533 U	0.000557 U	0.000497 U	0.000495 U	0.000493 U	0.000547 U	0.000547 U	0.000607 U	0.00066 U	0.000546 U
1,2-DIBROMOETHANE	0.000135 U	0.000137 U	0.000137 U	0.000133 U	0.000139 U	0.000124 U	0.000124 U	0.000123 U	0.000137 U	0.000137 U	0.000152 U	0.000165 U	0.000137 U
1,2-DICHLOROBENZENE	0.000135 U	0.000137 U	0.000137 U	0.000133 U	0.000139 U	0.000124 U	0.000124 U	0.000123 U	0.000137 U	0.000137 U	0.000152 U	0.000165 U	0.000137 U
1,2-DICHLOROETHANE	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
1,2-DICHLOROPROPANE	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.000373 U	0.000372 U	0.00037 U	0.00041 U	0.00041 U	0.000455 U	0.000495 U	0.00041 U
1,2-DICHLOROTETRAFLUOROETHANE	0.000811 UR	0.000818 UR	0.000824 UR	0.000799 U	0.000836 U	0.000745 U	0.000742 U	0.000739 U	0.000821 U	0.00082 UR	0.000911 UR	0.00099 U	0.00082 U
1,3,5-TRIMETHYLBENZENE	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
1,3-DICHLOROBENZENE	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
1,3-DICHLOROPROPANE	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
1,4-DICHLOROBENZENE	0.000135 U	0.000137 U	0.000137 U	0.000133 U	0.000139 U	0.000124 U	0.000124 U	0.000123 U	0.000137 U	0.000137 U	0.000152 U	0.000165 U	0.000137 U
2,2-DICHLOROPROPANE	0.000676 U	0.000682 U	0.000687 U	0.000666 U	0.000697 U	0.000621 U	0.000619 U	0.000616 U	0.000684 U	0.000684 U	0.000759 U	0.000825 U	0.000683 U
2-BUTANONE	0.00243 U	0.00245 U	0.00247 U	0.0024 U	0.00251 U	0.00224 U	0.00223 U	0.00222 U	0.00246 U	0.00246 U	0.00273 U	0.00297 U	0.00246 U
2-CHLOROTOLUENE	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.000373 U	0.000372 U	0.00037 U	0.00041 U	0.00041 U	0.000455 U	0.000495 U	0.00041 U
2-HEXANONE	0.00135 U	0.00136 U	0.00137 U	0.00133 U	0.00139 U	0.00124 U	0.001235 U	0.00123 U	0.00137 U	0.00137 U	0.00152 U	0.00165 U	0.00137 U
4-CHLOROTOLUENE	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
4-ISOPROPYLTOLUENE	0.00027 U	0.000273 U	0.000275 U	0.00544 J	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
4-METHYL-2-PENTANONE	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.000373 U	0.000372 U	0.00037 U	0.00041 U	0.00041 U	0.000455 U	0.000495 U	0.00041 U
ACETONE	0.00784 U	0.005945 J	0.00797 J	0.00773 U	0.00808 U	0.0243	0.01805 J	0.0118 J	0.0157 J	0.0204 U	0.0088 U	0.00957 U	0.00792 U
ACROLEIN	0.0069 U	0.006955 U	0.00701 U	0.0068 U	0.00711 U	0.00633 U	0.00631 U	0.00629 U	0.00698 U	0.00697 U	0.00774 U	0.00841 U	0.00697 U
BENZENE	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.00434 J	0.003095 J	0.00185 J	0.0045 J	0.00041 U	0.000455 U	0.000495 U	0.00041 U
BROMOCHLOROMETHANE	0.000541 U	0.000546 U	0.00055 U	0.000533 U	0.000557 U	0.000497 U	0.000495 U	0.000493 U	0.000547 U	0.000547 U	0.000607 U	0.00066 U	0.000546 U
BROMODICHLOROMETHANE	0.000541 U	0.000546 U	0.00055 U	0.000533 U	0.000557 U	0.000497 U	0.000495 U	0.000493 U	0.000547 U	0.000547 U	0.000607 U	0.00066 U	0.000546 U
BROMOFORM	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0894	0894	0894	0975	1120	1132	1132	1132	1813	1849	2016	2049	2051
Sample ID	0894SS0010006	0894SS0010006-AVG	0894SS0010006-D	0975SS0010006	1120SS0010006	1132SS0010006	1132SS0010006-AVG	1132SS0010006-D	1813SS0010006	1849SS0010006	2016SS0010006	2049SS0010006	2051SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090219	20090219	20090219	20090220	20081128	20090227	20090227	20090227	20090224	20090207	20090117	20090204	20090116
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6322768906220	6322768906220	6322768906220	6322768722200	6322980422160	6322979603358	6322979603358	6322979603358	6178600406130	6322975682150	6131222602041	6322974806159	6322976202630
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC
BROMOMETHANE	0.00406 U	0.00409 U	0.00412 U	0.004 U	0.00418 U	0.00373 U	0.003715 U	0.0037 U	0.0041 UR	0.0041 UR	0.00455 UR	0.00495 U	0.0041 U
CARBON TETRACHLORIDE	0.000541 U	0.000546 U	0.00055 U	0.000533 U	0.000557 U	0.000497 U	0.000495 U	0.000493 U	0.000547 U	0.000547 U	0.000607 U	0.00066 U	0.000546 U
CHLOROBENZENE	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
CHLORODIBROMOMETHANE	0.000135 U	0.000137 U	0.000137 U	0.000133 U	0.000139 U	0.000124 U	0.000124 U	0.000123 U	0.000137 U	0.000137 U	0.000152 U	0.000165 U	0.000137 U
CHLOROETHANE	0.000541 UR	0.000546 UR	0.00055 UR	0.000533 U	0.000557 U	0.000497 U	0.000495 U	0.000493 U	0.000547 UR	0.000547 UR	0.000607 UR	0.00066 U	0.000546 U
CHLOROFORM	0.000947 U	0.000955 U	0.000962 U	0.000933 U	0.000975 U	0.000869 U	0.000866 U	0.000863 U	0.000958 U	0.000957 U	0.00106 J	0.00115 U	0.000956 U
CHLOROMETHANE	0.00122 U	0.00123 U	0.00124 U	0.0012 U	0.00125 U	0.00112 U	0.001115 U	0.00111 U	0.00123 U	0.00123 U	0.00137 U	0.00148 U	0.00123 U
CIS-1,2-DICHLOROETHENE	0.000947 U	0.000955 U	0.000962 U	0.000933 U	0.000975 U	0.000869 U	0.000866 U	0.000863 U	0.000958 U	0.000957 U	0.00106 U	0.00115 U	0.000956 U
CIS-1,3-DICHLOROPROPENE	0.000135 U	0.000137 U	0.000137 U	0.000133 U	0.000139 U	0.000124 U	0.000124 U	0.000123 U	0.000137 U	0.000137 U	0.000152 U	0.000165 U	0.000137 U
DICHLORODIFLUOROMETHANE	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.000373 U	0.000372 U	0.00037 U	0.00041 U	0.00041 U	0.000455 U	0.000495 U	0.00041 U
ETHYLBENZENE	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.000373 U	0.000372 U	0.00037 U	0.00041 U	0.00041 U	0.000455 U	0.000495 U	0.00041 U
ISOPROPYLBENZENE	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
M+P-XYLENES	0.000811 U	0.000818 U	0.000824 U	0.000799 U	0.000836 U	0.000745 U	0.000742 U	0.000739 U	0.000821 U	0.00082 U	0.000911 U	0.00099 U	0.00082 U
METHYL TERT-BUTYL ETHER	0.000676 U	0.000682 U	0.000687 U	0.000666 U	0.000697 U	0.000621 U	0.000619 U	0.000616 U	0.000684 U	0.000684 U	0.000759 U	0.000825 U	0.000683 U
METHYLENE CHLORIDE	0.00135 U	0.00136 U	0.00137 U	0.00133 U	0.00139 U	0.00124 U	0.001235 U	0.00123 U	0.00137 U	0.00137 U	0.00152 U	0.00165 J	0.00137 U
N-BUTYLBENZENE	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
N-PROPYLBENZENE	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.000373 U	0.000372 U	0.00037 U	0.00041 U	0.00041 U	0.000455 U	0.000495 U	0.00041 U
O-XYLENE	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
SEC-BUTYLBENZENE	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
STYRENE	0.00027 U	0.000273 U	0.000275 U	0.000266 U	0.000279 U	0.000248 U	0.000247 U	0.000246 U	0.000274 U	0.000273 U	0.000304 U	0.00033 U	0.000273 U
TERT-BUTYLBENZENE	0.000541 U	0.000546 U	0.00055 U	0.000533 U	0.000557 U	0.000497 U	0.000495 U	0.000493 U	0.000547 U	0.000547 U	0.000607 U	0.00066 U	0.000546 U
TETRACHLOROETHENE	0.000811 U	0.000818 U	0.000824 U	0.000799 U	0.000836 U	0.000745 U	0.000742 U	0.000739 U	0.000821 U	0.00082 U	0.000911 U	0.00099 U	0.00082 U
TOLUENE	0.00623 J	0.003287 J	0.000687 U	0.000666 U	0.000697 U	0.00151 J	0.001063 J	0.000616 J	0.00912 J	0.0123	0.032	0.000825 U	0.000683 U
TRANS-1,2-DICHLOROETHENE	0.000811 U	0.000818 U	0.000824 U	0.000799 U	0.000836 U	0.000745 U	0.000742 U	0.000739 U	0.000821 U	0.00082 U	0.000911 U	0.00099 U	0.00082 U
TRANS-1,3-DICHLOROPROPENE	0.000406 U	0.000409 U	0.000412 U	0.0004 U	0.000418 U	0.000373 U	0.000372 U	0.00037 U	0.00041 U	0.00041 U	0.000455 U	0.000495 U	0.00041 U
TRICHLOROETHENE	0.000676 U	0.000682 U	0.000687 U	0.000666 U	0.000697 U	0.000621 U	0.000619 U	0.000616 U	0.000684 U	0.000684 U	0.000759 U	0.000825 U	0.000683 U
TRICHLOROFLUOROMETHANE	0.00108 U	0.00109 U	0.0011 U	0.00107 U	0.00111 U	0.000993 U	0.00099 U	0.000986 U	0.00109 U	0.00109 U	0.00121 UJ	0.00132 U	0.00109 U
VINYL CHLORIDE	0.000541 U	0.000546 U	0.00055 U	0.000533 U	0.000557 U	0.000497 U	0.000495 U	0.000493 U	0.000547 U	0.000547 U	0.000607 U	0.00066 U	0.000546 U
Semivolatile Organics (MG/KG)													
1,1-BIPHENYL	0.02 U	0.0202 U	0.0204 U	0.0201 U	0.0381 J	0.0184 U	0.01845 U	0.0185 U	0.0201 U	0.0204 U	0.0226 U	0.0246 U	0.0203 U
1,2,4,5-TETRACHLOROBENZENE	0.016 U	0.01615 U	0.0163 U	0.0161 U	0.048 J	0.0147 U	0.01475 U	0.0148 U	0.0161 U	0.0163 U	0.0181 U	0.0197 U	0.0162 U
2,3,4,6-TETRACHLOROPHENOL	0.0945 UJ	0.09555 UJ	0.0966 UJ	0.0952 UJ	0.0983 U	0.0869 U	0.0872 U	0.0875 U	0.0952 U	0.0967 UJ	0.107 U	0.117 UJ	0.096 U
2,4,5-TRICHLOROPHENOL	0.164 UJ	0.1655 UJ	0.167 UJ	0.165 UJ	0.17 J	0.151 U	0.1515 U	0.152 U	0.165 U	0.167 UJ	0.186 U	0.202 UJ	0.166 U
2,4,6-TRICHLOROPHENOL	0.0878 UJ	0.0888 UJ	0.0898 UJ	0.0885 UJ	0.121 J	0.0808 U	0.08105 U	0.0813 U	0.0885 U	0.0899 UJ	0.0996 U	0.108 UJ	0.0893 U
2,4-DICHLOROPHENOL	0.102 UJ	0.1035 UJ	0.105 UJ	0.103 UJ	0.159 J	0.0943 U	0.0946 U	0.0949 U	0.103 U	0.105 UJ	0.116 U	0.127 UJ	0.104 U
2,4-DIMETHYLPHENOL	0.197 UJ	0.199 UJ	0.201 UJ	0.198 UJ	0.205 J	0.181 U	0.1815 U	0.182 U	0.198 U	0.202 UJ	0.223 U	0.243 UJ	0.2 U
2,4-DINITROPHENOL	0.0732 UJ	0.074 UJ	0.0748 UJ	0.0737 UJ	0.0762 U	0.0673 U	0.06755 U	0.0678 U	0.0738 UJ	0.0749 UJ	0.083 U	0.0904 UJ	0.0744 U
2,4-DINITROTOLUENE	0.024 U	0.02425 U	0.0245 U	0.0241 U	0.0249 U	0.022 U	0.0221 U	0.0222 U	0.0241 U	0.0245 U	0.0272 U	0.0296 U	0.0243 U
2,6-DICHLOROPHENOL	0.0626 UJ	0.06325 UJ	0.0639 UJ	0.063 UJ	0.173 J	0.0576 U	0.05775 U	0.0579 U	0.063 U	0.064 UJ	0.0709 U	0.0772 UJ	0.0975 J
2,6-DINITROTOLUENE	0.02 U	0.0202 U	0.0204 U	0.0201 U	0.0208 U	0.0184 U	0.01845 U	0.0185 U	0.0201 U	0.0204 U	0.0226 U	0.0246 U	0.0203 U
2-CHLORONAPHTHALENE	0.0106 U	0.01075 U	0.0109 U	0.0107 U	0.0363 J	0.0098 U	0.00983 U	0.00986 U	0.0107 U	0.0109 U	0.0121 U	0.0131 U	0.0108 U
2-CHLOROPHENOL	0.0666 UJ	0.0673 UJ	0.068 UJ	0.067 UJ	0.131 J	0.0612 U	0.0614 U	0.0616 U	0.067 U	0.0681 UJ	0.0754 U	0.0822 UJ	0.113 J
2-METHYLNAPHTHALENE	0.0226 U	0.02285 U	0.0231 U	0.0228 U	0.0235 J	0.0208 U	0.0209 U	0.021 U	0.0228 U	0.0231 U	0.0257 U	0.0279 U	0.023 U
2-METHYLPHENOL	0.133 UJ	0.1345 UJ	0.136 UJ	0.134 UJ	0.172 J	0.122 U	0.1225 U	0.123 U	0.134 U	0.136 UJ	0.151 U	0.164 UJ	0.135 U
2-NITROPHENOL	0.0839 UJ	0.0848 UJ	0.0857 UJ	0.0845 UJ	0.0958 J	0.0771 U	0.07735 U	0.0776 U	0.0845 U	0.0858 UJ	0.0951 U	0.104 UJ	0.0852 J
3&4-METHYLPHENOL	0.153 UJ	0.1545 UJ	0.156 UJ	0.154 UJ	0.37	0.141 U	0.1415 U	0.142 U	0.154 U	0.157 UJ	0.174 U	0.189 UJ	0.196 J
3-NITROANILINE	0.024 U	0.02425 U	0.0245 U	0.0241 U	0.0249 U	0.022 U	0.0221 U	0.0222 U	0.0241 U	0.0245 U	0.0272 UJ	0.0296 U	0.0243 U
4,6-DINITRO-2-METHYLPHENOL	0.0892 UJ	0.0902 UJ	0.0912 UJ	0.0898 UJ	0.0928 U	0.082 U	0.0823 U	0.0826 U	0.0898 U	0.0912 UJ	0.101 U	0.11 UJ	0.0906 U
4-BROMOPHENYL PHENYL ETHER	0.016 U	0.01615 U	0.0163 U	0.0161 U	0.0166 U	0.0147 U	0.01475 U	0.0148 U	0.0161 U	0.0163 U	0.0181 U	0.0197 U	0.0162 U
4-CHLORO-3-METHYLPHENOL	0.117 UJ	0.1185 UJ	0.12 UJ	0.118 UJ	0.122 U	0.108 U	0.108 U	0.108 U	0.118 U	0.12 UJ	0.133 U	0.145 UJ	0.119 U
4-CHLOROANILINE	0.0306 U	0.03095 U	0.0313 U	0.0308 U	0.0319 U	0.0282 U	0.02825 U	0.0283 U	0.0308 U	0.0313 U	0.0347 U	0.0378 U	0.0311 U
4-NITROANILINE	0.0586 U	0.05925 U	0.0599 U	0.059 U	0.0609 U	0.0539 U	0.05405 U	0.0542 U	0.059 U	0.0599 U	0.0664 UJ	0.0723 U	0.0595 U
4-NITROPHENOL	0.157 UJ	0.159 UJ	0.161 UJ	0.158 UJ	0.163 U	0.144 U	0.1445 U	0.145 U	0.158 U	0.161 UJ	0.178 U	0.194 UJ	0.16 U
ACENAPHTHENE	0.0133 U	0.01345 U	0.0136 U	0.0134 U	0.0224 J	0.0122 U	0.01225 U	0.0123 U	0.0134 U	0.0136 U	0.0151 U	0.0164 U	0.0135 U
ACENAPHTHYLENE	0.012 U	0.0121 U	0.0122 U	0.0121 U	0.0209 J	0.011 U	0.01105 U	0.0111 U	0.0121 U	0.0123 U	0.0136 U	0.0148 U	0.0122 U
ANILINE	0.0266 U	0.0269 U	0.0272 U	0.0268 U	0.0624 J	0.0245 U	0.02455 U	0.0246 U	0.0268 U	0.0272 U	0.0302 U	0.0329 U	0.027 U
ANTHRACENE	0.016 U	0.01615 U	0.0163 U	0.0161 U	0.0166 U	0.0147 U	0.01475 U	0.0148 U	0.0161 U	0.0163 U	0.0181 U	0.0197 U	0.0162 U
ATRAZINE	0.0346 U	0.035 U	0.0354 U	0.0349 U	0.036 U	0.0318 U	0.0319 U	0.032 U	0.0349 U	0.0354 U	0.0392 U	0.0427 U	0.0352 U
BAP EQUIVALENT	0.0226 U	0.02285 U	0.0231 U	0.0228 U	0.0235 U	0.0208 U	0.0209 U	0.021 U	0.0228 U	0.0231 U	0.0257 U	0.0279 U	0.028802
BENZO(A)ANTHRACENE	0.0213 U	0.02155 U	0.0218 U	0.0214 U	0.0222 U	0.0196 U	0.01965 U	0.0197 U	0.0215 U	0.0218 U	0.0241 U	0.0263 U	0.0216 U
BENZO(A)PYRENE	0.0226 U	0.02285 U	0.0231 U	0.0228 U	0.0235 U	0.0208 U	0.0209 U	0.021 U	0.0228 U	0.0231 U	0.0257 U	0.0279 U	0.023 U
BENZO(B)FLUORANTHENE	0.0266 U	0.0269 U	0.0272 U	0.0268 U	0.0277 U	0.0245 U	0.02455 U	0.0246 U	0.0268 U	0.0272 U	0.0302 U	0.0329 U	0.027 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0894	0894	0894	0975	1120	1132	1132	1132	1813	1849	2016	2049	2051
Sample ID	0894SS0010006	0894SS0010006-AVG	0894SS0010006-D	0975SS0010006	1120SS0010006	1132SS0010006	1132SS0010006-AVG	1132SS0010006-D	1813SS0010006	1849SS0010006	2016SS0010006	2049SS0010006	2051SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090219	20090219	20090219	20090220	20081128	20090227	20090227	20090227	20090224	20090207	20090117	20090204	20090116
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6322768906220	6322768906220	6322768906220	6322768722200	6322980422160	6322979603358	6322979603358	6322979603358	6178600406130	6322975682150	6131222602041	6322974806159	6322976202630
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC
BENZO(G,H,I)PERYLENE	0.0373 U	0.0377 U	0.0381 U	0.0375 U	0.0388 U	0.0343 U	0.0344 U	0.0345 U	0.0375 U	0.0381 U	0.0423 U	0.046 U	0.0379 U
BENZO(K)FLUORANTHENE	0.024 U	0.02425 U	0.0245 U	0.0241 U	0.0249 U	0.022 U	0.0221 U	0.0222 U	0.0241 U	0.0245 U	0.0272 U	0.0296 U	0.0302 J
BIS(2-ETHYLHEXYL)PHTHALATE	0.14 U	0.1415 U	0.143 U	0.141 U	0.42	0.129 U	0.19375 J	0.323 J	0.141 U	0.143 J	0.158 U	0.173 U	0.142 U
BUTYL BENZYL PHTHALATE	0.0399 U	0.04035 U	0.0408 U	0.0402 U	0.0415 U	0.0367 U	0.03685 U	0.037 U	0.0402 U	0.0408 U	0.0453 U	0.0493 U	0.0406 U
CARBAZOLE	0.024 U	0.02425 U	0.0245 U	0.0241 U	0.0249 U	0.022 U	0.0221 U	0.0222 U	0.0241 U	0.0245 U	0.0272 U	0.0296 U	0.0243 U
CHRYSENE	0.0173 U	0.0175 U	0.0177 U	0.0174 U	0.018 U	0.0159 U	0.01595 U	0.016 U	0.0174 U	0.0177 U	0.0196 U	0.0214 U	0.0176 U
DI-N-BUTYL PHTHALATE	0.0572 U	0.05785 U	0.0585 U	0.0576 U	0.0651 J	0.0527 J	0.05845 J	0.0642 J	0.0577 J	0.0585 U	0.0649 U	0.0706 U	0.0582 U
DI-N-OCTYL PHTHALATE	0.0266 U	0.0269 U	0.0272 U	0.0268 U	0.0277 U	0.0245 U	0.02455 U	0.0246 U	0.0268 U	0.0272 U	0.0302 U	0.0329 U	0.027 U
DIBENZO(A,H)ANTHRACENE	0.024 U	0.02425 U	0.0245 U	0.0241 U	0.0249 U	0.022 U	0.0221 U	0.0222 U	0.0241 U	0.0245 U	0.0272 U	0.0296 U	0.0285 J
DIBENZOFURAN	0.0133 U	0.01345 U	0.0136 U	0.0134 U	0.018 J	0.0122 U	0.01225 U	0.0123 U	0.0134 U	0.0136 U	0.0151 U	0.0164 U	0.0135 U
DIETHYL PHTHALATE	0.0226 U	0.02285 U	0.0231 U	0.0228 U	0.0235 U	0.0208 U	0.0209 U	0.021 U	0.0228 U	0.0231 U	0.0257 U	0.0279 U	0.023 U
DIMETHYL PHTHALATE	0.0173 U	0.0175 U	0.0177 U	0.0174 U	0.018 U	0.0159 U	0.01595 U	0.016 U	0.0174 U	0.0177 U	0.0196 U	0.0214 U	0.0176 U
DIPHENYLAMINE	0.0692 U	0.06995 U	0.0707 U	0.0697 U	0.072 U	0.0637 U	0.0639 U	0.0641 U	0.0697 U	0.0708 U	0.0785 U	0.0854 U	0.0703 U
FLUORANTHENE	0.0253 U	0.02555 U	0.0258 U	0.0255 U	0.0263 U	0.0233 U	0.02335 U	0.0234 U	0.0255 U	0.0259 U	0.0287 U	0.0312 U	0.0257 U
FLUORENE	0.016 U	0.01615 U	0.0163 U	0.0161 U	0.0166 U	0.0147 U	0.01475 U	0.0148 U	0.0161 U	0.0163 U	0.0181 U	0.0197 U	0.0162 U
HEXACHLOROBENZENE	0.0146 U	0.0148 U	0.015 U	0.0147 U	0.0152 U	0.0135 U	0.01355 U	0.0136 U	0.0148 U	0.015 U	0.0166 U	0.0181 U	0.0149 U
HEXACHLOROBUTADIENE	0.0133 U	0.01345 U	0.0136 U	0.0134 U	0.0138 U	0.0122 U	0.01225 U	0.0123 U	0.0134 U	0.0136 U	0.0151 U	0.0164 U	0.0135 U
HEXACHLOROCYCLOPENTADIENE	0.0186 U	0.0188 U	0.019 U	0.0188 U	0.0194 U	0.0171 U	0.0172 U	0.0173 U	0.0188 UJ	0.0191 U	0.0211 UJ	0.023 U	0.0189 U
HEXACHLOROETHANE	0.0146 U	0.0148 U	0.015 U	0.0147 U	0.0152 U	0.0135 U	0.01355 U	0.0136 U	0.0148 U	0.015 U	0.0166 U	0.0181 U	0.0149 U
INDENO(1,2,3-CD)PYRENE	0.0586 U	0.05925 U	0.0599 U	0.059 U	0.0609 U	0.0539 U	0.05405 U	0.0542 U	0.059 UJ	0.0599 U	0.0664 U	0.0723 U	0.0595 U
NAPHTHALENE	0.00799 U	0.008075 U	0.00816 U	0.00804 U	0.0412 J	0.00735 U	0.007375 U	0.0074 U	0.00805 U	0.00817 U	0.00905 U	0.00986 U	0.00812 U
NITROBENZENE	0.02 U	0.0202 U	0.0204 U	0.0201 U	0.0479 J	0.0184 U	0.01845 U	0.0185 U	0.0201 U	0.0204 U	0.0226 U	0.0246 U	0.0203 U
O-TOLUIDINE	0.024 U	0.02425 U	0.0245 U	0.0241 U	0.0519 J	0.022 U	0.0221 U	0.0222 U	0.0241 U	0.0245 U	0.0272 U	0.0296 U	0.0243 U
PENTACHLOROBENZENE	0.0373 U	0.0377 U	0.0381 U	0.0375 U	0.0388 U	0.0343 U	0.0344 U	0.0345 U	0.0375 U	0.0381 U	0.0423 U	0.046 U	0.0379 U
PENTACHLOROPHENOL	0.205 UJ	0.2075 UJ	0.21 UJ	0.206 UJ	0.213 U	0.189 U	0.1895 U	0.19 U	0.207 U	0.21 UJ	0.232 U	0.253 UJ	0.208 U
PHENANTHRENE	0.0399 U	0.04035 U	0.0408 U	0.0402 U	0.0415 U	0.0367 U	0.03685 U	0.037 U	0.0402 U	0.0408 U	0.0453 U	0.0493 U	0.0406 U
PHENOL	0.0453 UJ	0.0458 UJ	0.0463 UJ	0.0456 UJ	0.0471 U	0.0416 U	0.04175 U	0.0419 U	0.0456 U	0.0463 UJ	0.0513 U	0.0559 UJ	0.046 U
PYRENE	0.024 U	0.02425 U	0.0245 U	0.0241 U	0.0249 U	0.022 U	0.0221 U	0.0222 U	0.0241 U	0.0245 U	0.0272 U	0.0296 U	0.0243 U
Pesticides/PCBs (MG/KG)													
4,4'-DDD	0.000702 U	0.000685 U	0.000667 U	0.000647 U	0.00067 U	0.000615 U	0.000641 U	0.000666 U	0.000673 U	0.00063 U	0.000669 U	0.00082 U	0.000674 U
4,4'-DDE	0.000689 U	0.000673 U	0.000655 U	0.000635 U	0.000658 U	0.000604 U	0.000629 U	0.000653 U	0.00066 U	0.000618 U	0.000656 U	0.000805 U	0.000662 U
4,4'-DDT	0.000923 U	0.000901 U	0.000877 U	0.000851 U	0.000882 U	0.000809 U	0.000843 U	0.000875 U	0.000885 UJ	0.000828 U	0.000879 U	0.00108 U	0.000886 U
ALDRIN	0.000559 U	0.000546 U	0.000531 U	0.000515 U	0.000534 U	0.00049 U	0.00051 U	0.00053 U	0.000536 U	0.000502 U	0.000532 U	0.000653 U	0.000537 U
ALPHA-BHC	0.000689 U	0.000673 U	0.000655 U	0.000635 U	0.000658 U	0.000604 U	0.000629 U	0.000653 U	0.00066 U	0.000618 U	0.000656 U	0.000805 U	0.000662 U
ALPHA-CHLORDANE	0.000559 U	0.000546 U	0.000531 U	0.000515 U	0.000534 U	0.00049 U	0.00051 U	0.00053 U	0.000536 U	0.000502 U	0.000532 U	0.000653 U	0.000537 U
AROCLOR-1016	0.0091 U	0.008875 U	0.00865 U	0.00839 U	0.00869 U	0.00797 U	0.0083 U	0.00863 U	0.00872 U	0.00816 U	0.00867 U	0.0106 U	0.00874 U
AROCLOR-1221	0.0091 U	0.008875 U	0.00865 U	0.00839 U	0.00869 U	0.00797 U	0.0083 U	0.00863 U	0.00872 U	0.00816 U	0.00867 U	0.0106 U	0.00874 U
AROCLOR-1232	0.0091 U	0.008875 U	0.00865 U	0.00839 U	0.00869 U	0.00797 U	0.0083 U	0.00863 U	0.00872 U	0.00816 U	0.00867 U	0.0106 U	0.00874 U
AROCLOR-1242	0.0091 U	0.008875 U	0.00865 U	0.00839 U	0.00869 U	0.00797 U	0.0083 U	0.00863 U	0.00872 U	0.00816 U	0.00867 U	0.0106 U	0.00874 U
AROCLOR-1248	0.0091 U	0.008875 U	0.00865 U	0.00839 U	0.00869 U	0.00797 U	0.0083 U	0.00863 U	0.00872 U	0.00816 U	0.00867 U	0.0106 U	0.00874 U
AROCLOR-1254	0.0091 U	0.008875 U	0.00865 U	0.00839 U	0.00869 U	0.00797 U	0.0083 U	0.00863 U	0.00872 U	0.00816 U	0.00867 U	0.0106 U	0.00874 U
AROCLOR-1260	0.0091 U	0.008875 U	0.00865 U	0.00839 U	0.00869 U	0.00797 U	0.0083 U	0.00863 U	0.00872 U	0.00816 U	0.00867 U	0.0106 U	0.00874 U
BETA-BHC	0.000845 U	0.000825 U	0.000803 U	0.000779 U	0.000807 U	0.000741 U	0.000772 U	0.000801 U	0.00081 U	0.000758 U	0.000805 U	0.000987 U	0.000812 U
DELTA-BHC	0.000767 U	0.000749 U	0.000729 U	0.000707 U	0.000733 U	0.000672 U	0.0007 U	0.000727 U	0.000735 U	0.000688 U	0.000731 U	0.000896 U	0.000737 U
DIELDRIN	0.00078 U	0.000761 U	0.000741 U	0.000719 U	0.000745 U	0.000684 U	0.000712 U	0.000739 U	0.000748 U	0.0007 U	0.000743 U	0.000911 U	0.000749 U
ENDOSULFAN I	0.000702 U	0.000685 U	0.000667 U	0.000647 U	0.00067 U	0.000615 U	0.000641 U	0.000666 U	0.000673 U	0.00063 U	0.000669 U	0.00082 U	0.000674 U
ENDOSULFAN II	0.000559 U	0.000546 U	0.000531 U	0.000515 U	0.000534 U	0.00049 U	0.00051 U	0.00053 U	0.000536 U	0.000502 U	0.000532 U	0.000653 U	0.000537 U
ENDOSULFAN SULFATE	0.000793 U	0.000774 U	0.000754 U	0.000731 U	0.000757 U	0.000695 U	0.000724 U	0.000752 U	0.00076 U	0.000712 J	0.000755 U	0.000926 U	0.000762 U
ENDRIN	0.000897 U	0.000876 U	0.000853 U	0.000827 U	0.000857 U	0.000786 U	0.000818 U	0.00085 U	0.00086 U	0.000805 U	0.000854 U	0.00105 U	0.000862 U
ENDRIN ALDEHYDE	0.000806 U	0.000786 U	0.000766 U	0.000743 U	0.00077 U	0.000706 U	0.000735 U	0.000764 U	0.000772 U	0.000723 U	0.000768 U	0.000942 U	0.000774 U
GAMMA-BHC (LINDANE)	0.000663 U	0.000647 U	0.00063 U	0.000611 U	0.000633 U	0.000581 U	0.000606 U	0.000629 U	0.000635 U	0.000595 U	0.000632 U	0.000775 U	0.000637 U
GAMMA-CHLORDANE	0.000611 U	0.000597 U	0.000581 U	0.000563 U	0.000584 U	0.000535 U	0.000558 U	0.000579 U	0.000586 U	0.000548 U	0.000582 U	0.000714 U	0.000587 U
HEPTACHLOR	0.000793 U	0.000774 U	0.000754 U	0.000731 U	0.000757 U	0.000695 U	0.000724 U	0.000752 U	0.00076 U	0.000712 U	0.000755 U	0.000926 U	0.000762 U
HEPTACHLOR EPOXIDE	0.000611 U	0.000597 U	0.000581 U	0.000563 U	0.000584 U	0.000535 U	0.000558 U	0.000579 U	0.000586 U	0.000548 U	0.000582 U	0.000714 U	0.000587 U
METHOXYCHLOR	0.000988 U	0.000964 U	0.000939 U	0.000911 U	0.000944 U	0.000866 U	0.000902 U	0.000937 U	0.000947 U	0.000886 U	0.000941 U	0.00115 U	0.000949 U
PENTACHLORONITROBENZENE	0.00065 U	0.000634 U	0.000618 U	0.000599 U	0.000621 U	0.00057 U	0.000593 U	0.000616 U	0.000623 U	0.000583 U	0.000619 U	0.000759 U	0.000624 U
TOXAPHENE	0.0078 U	0.007605 U	0.00741 U	0.00719 U	0.00745 U	0.00684 U	0.007115 U	0.00739 U	0.00748 U	0.007 U	0.00743 U	0.00911 U	0.00749 U
Inorganics (MG/KG)													
ALUMINUM	49400	52300	55200	38300	36500	28800	31350	33900	17800	33000	59200	56400	31500
ANTIMONY	0.609	0.62	0.631	0.417	0.52	0.43	0.4435	0.457	0.222	0.504	0.562	0.561	0.536
ARSENIC	13.5	14.7	15.9	11	14.7	5.43	5.625	5.82	6.63	11.1	14.3	14.5	10.1
BARIUM	415	415.5	416	305	280	364	385.5	407	139	279	583	504	306

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 05
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0894	0894	0894	0975	1120	1132	1132	1132	1813	1849	2016	2049	2051
Sample ID	0894SS0010006	0894SS0010006-AVG	0894SS0010006-D	0975SS0010006	1120SS0010006	1132SS0010006	1132SS0010006-AVG	1132SS0010006-D	1813SS0010006	1849SS0010006	2016SS0010006	2049SS0010006	2051SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090219	20090219	20090219	20090220	20081128	20090227	20090227	20090227	20090224	20090207	20090117	20090204	20090116
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6322768906220	6322768906220	6322768906220	6322768722200	6322980422160	6322979603358	6322979603358	6322979603358	6178600406130	6322975682150	6131222602041	6322974806159	6322976202630
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC
BERYLLIUM	5.5	5.95	6.4	4.6	4.37	2.98	3.205	3.43	2.07 J	4.57	5.91	6.68	3.42
CADMIUM	0.311	0.3315	0.352	0.251	0.289	0.403	0.42	0.437	0.153	0.258	0.864	0.0859	0.428
CHROMIUM	5.18 J	4.965 J	4.75 J	5.3	27	5.33	5.97	6.61	3.48 J	5.59	4.83	4.61	12.4
COBALT	5.41	5.54	5.67	5.04	4.74	3.87	3.98	4.09	2.61 J	3.42	6.82	5.76	4.73
COPPER	15.4	15.6	15.8	10	43.7	12.3	13.75	15.2	14.5 J	16.6	23.2	22.9	26.3
IRON	23800	24700	25600	19700	19500	15000	16200	17400	9920	15500	27100	24500	21500
LEAD	39.9	40.25	40.6	28.1	33.4	32	30.2	28.4	16.5	35.9	41.1	45.7	50.8
MANGANESE	698	728.5	759	649	609	459	482	505	306	566	842	692	605
MERCURY	0.0952 U	0.0991 U	0.103 U	0.107 U	0.178	0.0984 U	0.1007 U	0.103 U	0.105 U	0.0935 U	0.106 U	0.109 U	0.103 U
NICKEL	4.22	4.465	4.71	3.38	5.15	2.87	3.455	4.04	2.37 J	2.22	4.42	4.04	5.89
SELENIUM	0.18	0.178	0.176	0.0968	0.22 U	0.163	0.12705	0.0911	0.0784 U	0.0808	0.203	0.0863	0.184 J
SILVER	0.22	0.207	0.194	0.156	0.158	2.19	2.265	2.34	0.0979 U	0.121	0.146	0.103 U	0.102 U
THALLIUM	2.22 J	1.5725 J	1.85 U	1.92 U	0.0792 U	1.94 U	1.64 U	1.34 U	0.554 U	1.29	1.88	1.25	1.73
TIN	3.22	3.27	3.32	2.44	2.72	1.95	2.19	2.43	1.36	2.57	3.74	3.18	2.88
VANADIUM	44.2	47.55	50.9	36.5	39.8	29.7	32.2	34.7	26.3 J	24.5	41.2	42.1	32.8
ZINC	58.7	65.05	71.4	51.3	71.4	56.1	60.6	65.1	28.9 J	69.9	60.3	50.1	105
Miscellaneous Parameters (MG/KG)													
CYANIDE	0.161 U	0.1625 U	0.164 U	0.159 U	0.167 U	0.148 U	0.1465 U	0.145 U	0.158 U	0.163 U	0.163 U	0.196 U	0.16 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 6

SOIL GAS DATA
WATER DATA
SOIL DATA

STUDY AREA 06
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0198	0199	0548	0548	0548	0548	0548	0548	0548	0789	0789	0789	0801	0805	0813
Sample ID	0198SG001	0199SG002	0548SG002	0548SG003	0548SG003-AVG	0548SG003-D	0548SG004	0548SG004-AVG	0548SG004-D	0789SG001	0789SG001-AVG	0789SG001-D	0801SG001	0805SG001	0813SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PSG -> ASG	PSG -> ASG	PSG -> ASG	PSG -> ASG	PSG -> ASG	PSG -> ASG	PSG -> ASG	PSG -> ASG	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090110	20090328	20090401	20090610	20090610	20090610	20090610	20090610	20090610	20090424	20090424	20090424	20090227	20090804	20090117
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6113615202297	6113605004110	6113903102136	6113903102136	6113903102136	6113903102136	6113903102136	6113903102136	6113903102136	6111207906146	6111207906146	6111207906146	6111202808160	6111212802114	6111204608482
Likely Water Source	PUBLIC	PUBLIC	WELL	WELL	WELL	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)															
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.242 J	0.18 U
1,1,1-TRICHLOROETHANE	0.15 U	0.953	0.15 U	0.608	0.5965	0.585	0.283 J	0.2745 J	0.266 J	0.771	0.7435	0.716	0.316	9.09	0.429
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.161 J	0.0905 J	0.04 UJ	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.641	0.08 U	0.08 U	0.865	0.8505	0.836	0.833	0.8105	0.788	0.08 U	0.08 U	0.08 U	0.492	24.7	0.772
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.37	0.3725	0.375	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.16 J	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	3.06	0.882	0.8465	0.811	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1.62	0.435 J	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.243	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 U	1.26	0.19 U	0.577 U	0.58 U	0.583 U	0.495 U	0.5165 U	0.538 U	0.19 U	0.19 U	0.19 U	1.33	0.759 U	0.19 U
1,2,4-TRIMETHYLBENZENE	0.202	0.936	3.96	0.21	0.192 J	0.174 J	0.491	0.434	0.377	0.05 U	0.05 U	0.05 U	0.541	0.911	0.806
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.43 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.1095 J	0.159 J	0.12 U	0.12 U	0.12 U	0.12 U	0.309	0.12 U
1,2-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.198 J	0.1955 J	0.193 J	0.1 U	0.1275	0.205	0.1 U	0.1 U	0.1 U	0.1 U	0.178 J	0.307 U	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.234	0.1 U
1,2-DICHLOROPROPANE	0.896	0.09 U	0.09 U	1.05	1.045	1.04	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.178 J	0.249	4.12
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.05 U	0.34	0.187 J	0.142 J	0.135 J	0.128 J	0.22	0.201 J	0.182 J	0.05 U	0.05 U	0.05 U	0.21	0.415	0.05 U
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.271	0.2615	0.252	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.141 J	0.294 U	0.09 U
1,4-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.25	0.2475	0.245	0.192 J	0.2 J	0.208	0.09 U	0.09 U	0.09 U	0.53	0.304 U	0.09 U
2-BUTANONE	0.33 U	1.36	1.26	11.1	11.3	11.5	3.17	3.82	4.47	0.978	0.98	0.982	0.951	12.2	3.56
ACETONE	7.59	13.6	16.5	57.3	59.9	62.5	14	16.05	18.1	4.32	4.315	4.31	4.67	46	46.1
ACETONITRILE	0.38 U	0.38 U	0.38 U	2.21	2.235	2.26	0.38 U	0.79	1.39	0.38 U	0.38 U	0.38 U	0.38 U	0.414 J	1.07
ACETOPHENONE	1.02 U	1.02 U	1.95 J	1.02 U	1.02 U	1.02 U	8.14	9.12	10.1	3.79	2.15	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.41 U	0.41 U	0.41 U	1.01	0.9715	0.933	0.674 J	0.982 J	1.29	0.41 U	0.41 U	0.41 U	0.41 U	0.479 J	2.17
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	2.72	2.645	2.57	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.436	0.2 U
BENZENE	0.342	0.511	2.64	0.76	0.7575	0.755	0.404	0.383	0.362	0.251	0.238	0.225	0.605	2.01	2.28
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	595	58.9	61.55	64.2	0.154 J	0.16 J	0.166 J	0.15 U	0.15 U	0.15 U	0.15 U	0.28 J	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.384	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.181 J	0.07 U
CARBON DISULFIDE	1.31	0.407	2.21	0.629	0.6225	0.616	0.283	0.282	0.281	0.82	0.805	0.79	0.1 U	0.514	1.26
CARBON TETRACHLORIDE	0.333	0.13 U	52.8	25.4	24.8	24.2	7.88	7.835	7.79	0.13 U	0.13 U	0.13 U	0.13 U	0.392	0.213 J
CHLOROBENZENE	0.04 U	0.04 U	0.757	0.216	0.221	0.226	0.128 J	0.1295 J	0.131 J	0.04 U	0.04 U	0.04 U	0.04 U	0.376	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	21.2	2.21	2.205	2.2	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	4.47	2.71	2.76	2.81	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.141 J	0.11 U
CHLOROFORM	0.207 J	1.23	30800	6500	6730	6960	1.86	1.85	1.84	1.38	1.38	1.38	0.11 U	1.69	0.292 J
CHLOROMETHANE	0.07 U	0.07 U	0.07 U	0.228	0.229	0.23	0.07 U	0.09 J	0.145 J	0.07 U	0.07 U	0.07 U	0.07 U	0.151 J	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.175 J	0.04 U
CYCLOHEXANE	0.11 U	0.11 U	0.11 U	0.365	0.3805	0.396	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.245	0.311
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.314	0.15 U
DICHLORODIFLUOROMETHANE	2.63	4.14	2.87	4.03	4.025	4.02	3.66	3.485	3.31	10.3	10.5	10.7	0.241 J	34.6	3.88
ETHYLBENZENE	0.121 J	1.72	54.4	0.299	0.278	0.257	2.21	2.165	2.12	0.126 J	0.0705 J	0.03 U	0.298	2.96	0.597
HEXACHLOROBUTADIENE	0.24 U	0.24 U	0.24 U	0.46 U	0.4665 U	0.473 U	0.482 U	0.5125 U	0.543 U	0.24 U	0.24 U	0.24 U	1.57	0.635 U	0.24 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.237 U	0.07 U
HEXANE	0.17 U	0.825	0.525	0.49	0.595	0.7	0.214 J	0.2 J	0.186 J	0.527	0.4945	0.462	0.641	0.304	0.678
ISOBUTANOL	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	9.17	0.46 U
ISOPROPYLBENZENE	0.07 U	0.07 U	1.08 J	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.293	0.134 J
M+P-XYLENES	0.239	2.62	29.2	0.553	0.525	0.497	1.83	1.675	1.52	0.09 U	0.09 U	0.09 U	0.855	3.23	1.53
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.35	20	6.72	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.202	0.121	0.08 U	0.0813 J	0.08 U	0.188 J
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	3.58	2.9	2.81	2.72	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.659	0.17 U
METHYLENE CHLORIDE	0.507	0.08 U	39.2	8.09	8.205	8.32	0.138 J	0.089 J	0.08 U	0.08 U	0.08 U	0.08 U	0.207	1.24	0.782
O-XYLENE	0.128 J	1.17	12.3	0.234	0.2205	0.207	0.741	0.717	0.693	0.06 U	0.06 U	0.06 U	0.4	1.78	0.667
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.279 J	0.25 U
STYRENE	0.855	7.08	325	0.272	0.2015 J	0.131 J	4.48	4.56	4.64	0.07 U	0.07 U	0.07 U	0.333	4.17	0.507
TETRACHLOROETHENE	7.83	179	261	102	104.5	107	68.8	70.05	71.3	7.47	7.57	7.67	2.68 J	1650	5.18
TOLUENE	3.71	6.16	10.2	1.31	1.335	1.36	1.05	1.14	1.23	0.511	0.2655	0.04 U	1.3	3.37	3.44
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15 J	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.224	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	1.71	1.35	1.335	1.32	0.125 J	0.0825 J	0.08 U	8.99	9.045	9.1	0.08 U	0.572	0.08 U
TRICHLOROFLUOROMETHANE	2.46	143	35.7	25	24.8	24.6	13.8	13.7	13.6	163	166.5	170	1.38	120	4.14
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	4.7	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 06
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0814	0815	0822	0827	0831	0837	0838	0838	0838	0848	0851	1201	1363	1363	1363
Sample ID	0814SG001	0815SG001	0822SG001	0827SG001	0831SG002	0837SG001	0838SG001	0838SG001-AVG	0838SG001-D	0848SG001	0851SG001	1201SG001	1363SG001	1363SG001-AVG	1363SG001-D
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PSG -> ASG	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090223	20090905	20090310	20090604	20090421	20090302	20090126	20090126	20090126	20090424	20090811	20090326	20090217	20090217	20090217
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6111209002060	6111219018152	6111200102153	6111219702118	6111204602152	6111212802290	6111208902235	6111208902235	6111208902235	6111219018156	6111219018146	6114510608140	6111802504115	6111802504115	6111802504115
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)															
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	3.67	0.855	0.402	0.195 J	8.22	0.286 J	0.15 U	0.15 U	0.15 U	2.71	0.996	0.874	0.15 U	0.15 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.458	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.701	1.25	0.658	0.813	4.78	0.817	0.654	0.63	0.606	2.18	1.02	4.75	0.633	0.632	0.631
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	2.25	0.4 U	0.4 U	0.404 J	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	1.36	1.82 U	3.17 U	2.07	0.19 U	0.64 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.27	1	0.985	0.97
1,2,4-TRIMETHYLBENZENE	0.446	0.728	0.395 U	0.399	2.31	0.271 U	1.27 J	1.735 J	2.2 J	0.908	115	0.05 U	1.18 J	0.672 J	0.164 J
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.586	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.139 J	0.373	0.1 U	0.844	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.165 J	0.1505 J	0.136 J
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.387	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.327	0.09 U	0.09 U	0.09 U	0.09 U	11.4	0.141 J	1.0255 J	1.91 J	0.09 U	0.333	0.227	0.09 U	0.105 J	0.165 J
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.182 J	0.361 U	0.05 U	0.266	0.697	0.05 U	0.28	0.357	0.434	0.05 U	22.4	0.05 U	0.395	0.23825 J	0.0815 J
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.526 J	0.807 J	0.49 U	0.731 J	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.116 J	0.312	0.09 U	1.22	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.138 J	0.1285 J	0.119 J
1,4-DICHLOROBENZENE	0.44	0.271	0.09 U	0.716	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.453	0.4285	0.404
2-BUTANONE	1.51	15.4	2.42	2.75	2.28	2.47	1.99	1.805	1.62	15.9	27.4	0.967	0.504 J	0.6585 J	0.813
ACETONE	8.54	139	29.4	8.45	14.1	16.4	22.4	21.3	20.2	94.8	169	6.95	3.45	3.685	3.92
ACETONITRILE	0.38 U	5.11 U	0.38 U	0.802	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.643 J	1.63	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	1.02 U	1.76 J	1.02 U	4.56	1.02 U	1.47 J	1.02 U	1.02 U	1.02 U	5.43	1.15 J	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	1.07	2.08	0.41 U	1.53	0.41 U	0.41 U	0.41 UJ	1.2375 J	2.27 J	0.41 U	0.624 J	1.2	0.41 U	0.41 U	0.41 U
ACRYLONITRILE	0.2 U	0.609	0.2 U	0.718	0.2 U	0.2 U	0.339 J	0.2195 J	0.2 U	0.2 U	0.391 J	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.405	3.79	0.554	0.209	4.38	0.569	1.46	1.64	1.82	11	6.39	0.304	0.233	0.211 J	0.189 J
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.214 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.185 J	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	0.149 J	1.21	0.1 U	0.411	1.12	0.182 J	0.419	0.5055	0.592	2.07	1.18	3.6	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	0.13 U	0.13 U	0.13 U	0.737	0.13 U	0.13 U	0.276 J	0.287 J	0.298 J	0.13 U	0.26 J	0.13 U	0.13 U	0.13 U	0.13 U
CHLOROBENZENE	0.04 U	0.216 U	0.04 U	0.632	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.261	0.04 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.261 J	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.11 U	0.555	0.11 U	0.11 U	4.44	0.581	2.3	2.225	2.15	2.48	2.19	0.11 U	13.4	13.3	13.2
CHLOROMETHANE	0.07 U	0.491	0.07 U	0.223	0.07 U	0.07 U	0.723	0.7335	0.744	0.07 U	0.361	0.07 U	0.07 U	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.377	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.11 U	0.558	0.11 U	0.16 J	0.719	1.52	0.385	0.422	0.459	0.447	2.08	0.11 U	0.11 U	0.11 U	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.382	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	78	3.95	9.39	2.76	4.94	1.62	2.33	2.3	2.27	8.87	3.38	7.59	4.09 J	3.26 J	2.43 J
ETHYLBENZENE	0.275	1.67	0.582	0.276	3.07	0.03 U	0.534 J	0.887 J	1.24 J	10.4	8.11	5.44	0.743 J	0.457 J	0.171 J
HEXACHLOROBUTADIENE	1.5	1.71 U	2.38 U	1.21 U	0.24 U	0.391 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	1.15	1.31	1.31	1.31
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	0.672	0.79	0.525	0.17 U	1.09	0.338	1.38	1.39	1.4	0.722	1.71	0.17 U	0.17 U	0.17 U	0.17 U
ISOBUTANOL	0.46 U	8.32	0.46 U	13.6	0.46 U	10.6 J	0.46 U	0.46 U	0.46 U	2.37	15.6	0.46 U	1.34	0.785	0.46 U
ISOPROPYLBENZENE	0.07 U	0.177 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	4.65	0.07 U	0.07 U	0.07 U	0.07 U
M+P-XYLENES	0.785	1.66	0.969 U	0.532	2.16	0.09 U	2.39 J	3.735 J	5.08 J	6.38	23.9	3.23	3.26 J	1.7575 J	0.255 J
METHYL ACETATE	0.27 U	0.539	0.27 U	0.724	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.513	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.122 J	0.08 U	0.08 U	0.08 U	1.11	0.08 U	0.223	0.2315	0.24	3.59	9.07	0.08 U	0.08 U	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	0.17 U	1.13	0.17 U	0.573	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	2.03	0.17 U	2.07 J	1.0775 J	0.17 UJ
METHYLENE CHLORIDE	0.0998 J	0.979	0.08 U	0.5	0.08 U	0.08 U	0.297	0.3145	0.332	0.08 U	1.29	0.08 U	0.08 U	0.097 J	0.154 J
O-XYLENE	0.467	0.709	0.06 U	0.23	0.06 U	0.06 U	0.882 J	1.271 J	1.66 J	3.48	12.5	0.06 U	1.38 J	0.75 J	0.12 J
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	0.458	0.403	1.47	0.198 J	7.78	0.07 U	0.07 UJ	0.7475 J	1.46 J	29.2	0.07 U	17.6	0.473	0.3385	0.204
TETRACHLOROETHENE	400	13.5	1.76 J	1.45 U	3230	959	3.94	4.52	5.1	69.9	7.7	12.9	11.7	11.6	11.5
TOLUENE	1.08	6.04	1.78	0.529	4.74	1.83	5.53	5.94	6.35	39.2	27.2	0.564	1.9 J	1.45 J	1 J
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.186 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.425	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.414	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.08 U	0.08 U	57.1	0.437	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	3.43	8.25	19.1	1.55	24.3	2.66	4.45	4.22	3.99	172	14.2	144	6.92	6.85	6.78
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 06
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1364	1659	1704	1866	1942	2017	2055	2055	2055	2080	2081	2082
Sample ID	1364SG001	1659SG001	1704SG001	1866SG001	1942SG001	2017SG001	2055SG001	2055SG001-AVG	2055SG001-D	2080SG001	2081SG001	2082SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090128	20090418	20090429	20090124	20090415	20090408	20090116	20090116	20090116	20090203	20090122	20090123
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6112002902109	6112417206206	6111800108153	6111216600138	6112417504102	6111208402115	6111214004121	6111214004121	6111214004121	6112408104270	6112413602070	6112407402010
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)												
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.15 U	0.15 U	0.233 J	0.352	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.205 J	0.246 J
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.654	0.637	0.674	0.67	0.08 U	0.08 U	0.514	0.54	0.566	0.605	0.592	0.778
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	2.55	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	7.05	3.87
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 U	0.19 U	0.644 U	0.19 U	1.97	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	25.5 J	3.29
1,2,4-TRIMETHYLBENZENE	0.42	0.05 U	0.412	5.62	6.88	0.05 U	0.531	0.48	0.429	0.652	11.2	1.94
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1.44	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.04	0.09 U	0.09 U	3.94	2.84	0.09 U	5.67 J	2.8575 J	0.09 UJ	0.269	0.633	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.128 J	0.05 U	0.05 U	1.48	2.35	0.05 U	0.148 J	0.1405 J	0.133 J	0.266	2.82	0.409
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.665 J	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	3.73	0.49 U
1,3-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.897	0.09 U
1,4-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
2-BUTANONE	3.64	2.46	1.6	13	41.3	1.12	4.42	4.095	3.77	6.02	83	1.26
ACETONE	58.2	50.5	7.91	125	3240	6.42	1.06 U	1.06 U	1.06 U	50.4	311	19
ACETONITRILE	0.38 U	0.38 U	0.38 U	3.03	2.43	0.38 U	0.38 U	0.38 U	0.38 U	0.7 J	3.39	0.38 U
ACETOPHENONE	1.02 U	1.02 UJ	1.02 U	1.02 U	21.9	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.41 U	0.41 U	1.92	1.41	3.42	0.41 U	0.41 U	0.41 U	0.41 U	0.682 J	1.85	1.06
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	1.5	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.04	0.2 U
BENZENE	3.04	0.908	0.15 J	2.31	22.4	0.763	1.67	1.655	1.64	2.78	56.5	0.791
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	0.927	0.961	0.1 U	7.41	3.55	0.1 U	1.16	1.425	1.69	0.528	8.81	0.357
CARBON TETRACHLORIDE	0.557	0.308	0.13 U	0.526	0.45	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.277 J	0.13 U
CHLOROBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.195 J	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.11 U	0.294	0.532	0.695	0.967	2.2	0.11 U	0.11 U	0.11 U	0.243 J	0.707	16.2
CHLOROMETHANE	1.3	0.07 U	0.07 U	0.241	1.42	0.07 U	0.07 U	0.07 U	0.07 U	0.271	0.791	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	18.4	0.11 U	0.11 U	2.35	1.99	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	3.43	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2.17	4.27	1.65	2.63	22.2	3.08	15.2	15.6	16	3.64	2.74	6.55
ETHYLBENZENE	0.645	0.03 U	0.577	17.7	13.8	0.365	0.606	0.5895	0.573	3.07	23.2	0.266
HEXACHLOROBUTADIENE	0.24 U	0.24 U	0.24 U	0.304 J	1.29	0.24 U	0.24 U	0.24 U	0.24 U	0.352 J	0.87	0.46 J
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	12.3	0.17 U	0.17 U	12	3.11	1.36	45.3	45.3	45.3	1.35	9.97	0.28 J
ISOBUTANOL	2.66	0.46 U	0.46 U	1010	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	1.86
ISOPROPYLBENZENE	0.07 U	0.07 U	0.07 U	1.66	1.95	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	2.86	0.07 U
M+P-XYLENES	1.73	0.603	0.476	8.18	11.4	0.626	0.856	0.799	0.742	3.08	21.4	0.844
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	1.01	0.08 U	0.08 U	6.77	0.08 U	0.08 U	0.44	0.4605	0.481	0.157 J	7.38	1.02
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	4.23	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.988	0.08 U	0.121 J	1.71	0.913	0.08 U	0.782	0.782	0.782	0.288	0.08 U	0.08 U
O-XYLENE	0.553	0.06 UJ	0.222	4.42	6.31	0.06 U	0.358	0.3475	0.337	1.44	10.6	0.384
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	0.843	0.07 U	0.956	355	7.66	1.21	0.07 U	0.2685	0.502	31.4	45.5	0.07 U
TETRACHLOROETHENE	3.52	33.3	13.5	4.34	7.33	2.64 J	4.89	4.875	4.86	16.6	17.3	27.6
TOLUENE	5.07	1.68	0.474	8.97	47.5	1.45	2.53	2.61	2.69	5.83	81	15.4
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.365	0.08 U
TRICHLOROFLUOROMETHANE	1.48	2.17	1.65	6.04	5.45	2.36	2.03	1.99	1.95	9.81	4.69	252
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 06
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0805	0851	0198	0199	0548	0548	0548	0548	0789	0801	0813	0814	0827	0831
Sample ID	0805TW001	0851TW001	0198TW001	0199TW001	0548TW001	0548PW001	0548TW002	0548TW003	0789TW001	0801TW001	0813TW001	0814TW001	0827TW001	0831TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PRE-LEASE HOME	PHASE I	PHASE II	PHASE I	PHASE I	PHASE I	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I
Sample Date	20081125	20080702	20090110	20080702	20080703	20080724	20080724	20080908	20081124	20090227	20090117	20090223	20090604	20080711
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6111212802114	6111219018146	6113615202297	6113605004110	6113903102136	6113903102136	6113903102136	6113903102136	6111207906146	6111202808160	6111204608482	6111209002060	6111219702118	6111204602152
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)														
1,2,3,4,6,7,8,9-OCDD	0.0036 U	0.006 U	0.016 U	0.0062 U	0.0049 U	0.0066 U			0.0035 U	0.0037 U	0.0038 U	0.0049 U	0.0038 U	0.0065 U
1,2,3,4,6,7,8,9-OCDF	0.0011 U	0.0033 U	0.00094 U	0.07 J	0.0023 U	0.015 U			0.00049 U	0.0007 U	0.00071 U	0.00074 U	0.0016 U	0.0016 U
1,2,3,4,6,7,8-HPCDD	0.0021 U	0.0018 U	0.0035 U	0.002 U	0.0019 U	0.0031 U			0.000954 U	0.0013 U	0.0015 U	0.0014 U	0.0012 U	0.002 U
1,2,3,4,6,7,8-HPCDF	0.00046 U	0.0031 U	0.00051 U	0.03 J	0.0024 U	0.0042 U			0.00039 U	0.0012 U	0.00056 U	0.00091 U	0.0021 U	0.0014 U
1,2,3,4,7,8,9-HPCDF	0.00039 U	0.00064 U	0.00028 U	0.00086 U	0.00043 U	0.0005 U			0.00047 U	0.00033 J	0.00042 U	0.00024 U	0.0006 U	0.000763 U
1,2,3,4,7,8-HXCDD	0.00032 U	0.000591 U	0.00033 U	0.00038 U	0.00019 U	0.0002 U			0.000563 U	0.00053 U	0.00039 U	0.000504 U	0.00029 U	0.000272 U
1,2,3,4,7,8-HXCDF	0.000293 U	0.000331 U	0.00028 J	0.000713 U	0.00052 J	0.00047 U			0.000293 U	0.000301 U	0.00046 J	0.00019 U	0.00031 U	0.000381 U
1,2,3,6,7,8-HXCDD	0.00027 U	0.000473 U	0.00043 U	0.00057 U	0.00038 U	0.00032 U			0.00049 U	0.0005 U	0.00044 U	0.000432 U	0.00024 U	0.00027 U
1,2,3,6,7,8-HXCDF	0.000244 U	0.00026 U	0.00031 U	0.00055 U	0.00024 J	0.00022 U			0.00027 U	0.000251 U	0.00046 U	0.00029 U	0.00026 U	0.00033 U
1,2,3,7,8,9-HXCDD	0.00032 J	0.0005 U	0.00028 U	0.000332 U	0.00024 J	0.00022 U			0.00049 U	0.00033 U	0.00034 U	0.000432 U	0.00024 U	0.00025 U
1,2,3,7,8,9-HXCDF	0.00032 U	0.00062 J	0.00028 U	0.000761 U	0.00019 U	0.00025 U			0.00032 U	0.00033 U	0.00034 U	0.000192 U	0.00034 U	0.00041 U
1,2,3,7,8-PECDD	0.00093 J	0.00052 U	0.000763 U	0.00045 J	0.00043 U	0.000322 U			0.000881 U	0.00093 U	0.00076 U	0.00072 U	0.00038 U	0.00025 J
1,2,3,7,8-PECDF	0.000244 U	0.000544 U	0.00023 J	0.00043 J	0.00031 J	0.0004 U			0.000171 U	0.0003 U	0.00073 U	0.00022 U	0.00043 J	0.00019 U
2,3,4,6,7,8-HXCDF	0.00027 U	0.00031 U	0.00023 U	0.00067 U	0.00026 J	0.00035 U			0.000293 U	0.000301 U	0.00029 U	0.00019 U	0.00031 U	0.000381 U
2,3,4,7,8-PECDF	0.00044 U	0.000544 U	0.00079 J	0.00031 J	0.00073 J	0.00094 U			0.000171 U	0.00028 U	0.00076 U	0.0005 U	0.00026 U	0.00057 U
2,3,7,8-TCDD	0.00032 U	0.00045 U	0.00028 J	0.00036 U	0.000142 U	0.00025 U			0.000293 U	0.00033 J	0.00034 U	0.000192 U	0.00034 U	0.00025 U
2,3,7,8-TCDF	0.00039 U	0.0004 U	0.00023 J	0.00043 U	0.00097 U	0.00064 U			0.000171 U	0.00035 U	0.00051 J	0.00017 U	0.00034 J	0.00022 J
TEQ	0.000962	0.000062	0.0005749	0.000876	0.000354	0.00025 U			0.000293 U	0.000333	0.000097	0.000192 U	4.69E-05	0.000272
TOTAL HPCDD	0.0021 J	0.0018 J	0.0055 J	0.002 J	0.0027 J	0.0043 J			0.000954 U	0.0013 J	0.0021 J	0.0014 J	0.0012 J	0.0031 J
TOTAL HPCDF	0.000684 U	0.0056 J	0.0012 J	0.05 J	0.0049 J	0.0065 J			0.0013 J	0.0015 J	0.0014 J	0.0011 J	0.0024 J	0.0028 J
TOTAL HXCDD	0.00086 U	0.0016 U	0.00092 J	0.0011 J	0.00073 J	0.00072 J			0.001542 U	0.0013 J	0.0011 U	0.0014 U	0.00077 U	0.000763 U
TOTAL HXCDF	0.001123 U	0.0013 U	0.000942 J	0.0027 U	0.0018 J	0.002 J			0.0012 U	0.0012 U	0.0013 J	0.00079 J	0.00123 U	0.0015 U
TOTAL PECDD	0.00093 J	0.00052 U	0.000763 U	0.00045 J	0.00043 U	0.000322 U			0.000881 U	0.00093 U	0.00076 J	0.00072 U	0.00038 U	0.00025 J
TOTAL PECDF	0.00064 J	0.0011 U	0.00099 J	0.00074 J	0.001 J	0.0013 J			0.000342 U	0.00058 J	0.0015 U	0.00065 J	0.00065 J	0.00074 J
TOTAL TCDD	0.000952 U	0.001349 U	0.000763 U	0.0011 J	0.00073 J	0.00079 J			0.000881 U	0.00091 U	0.0011 J	0.00058 U	0.00101 U	0.00074 U
TOTAL TCDF	0.00054 U	0.000662 U	0.00041 J	0.00069 J	0.0015 J	0.00094 J			0.000342 U	0.00063 J	0.00081 J	0.00034 U	0.00053 U	0.000381 U
Volatile Organics (UG/L)														
1,1,1,2-TETRACHLOROETHANE	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U			0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
1,1,1-TRICHLOROETHANE	0.17 U	0.17 U	0.1 U	0.17 U	0.17 U	0.17 U			0.17 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U
1,1,2,2-TETRACHLOROETHANE	0.05 U	0.05 U	0.08 U	0.05 U	0.05 U	0.05 U			0.05 U	0.08 U	0.08 U	0.08 U	0.08 U	0.05 U
1,1,2-TRICHLOROETHANE	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U			0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.2 U	0.2 U	0.1 U	0.2 U	0.2 U	0.2 U			0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.13 U	0.13 U	0.14 U	0.13 U	0.13 U	0.13 U			0.13 U	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U
1,2,3-TRICHLOROBENZENE	0.12 U	0.12 U	0.1 U	0.12 U	0.12 U	0.12 U			0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U
1,2,3-TRICHLOROPROPANE	0.13 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U			0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U
1,2,4-TRICHLOROBENZENE	0.13 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U			0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U			0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.25 U	0.25 U	0.2 U	0.25 U	0.25 U	0.25 U			0.25 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U
1,2-DIBROMOETHANE	0.09 U	0.09 U	0.1 U	0.09 U	0.09 U	0.09 U			0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U
1,2-DICHLOROBENZENE	0.07 U	0.07 U	0.08 U	0.07 U	0.07 U	0.07 U			0.07 U	0.08 U	0.08 U	0.08 U	0.08 U	0.07 U
1,2-DICHLOROETHANE	0.08 U	0.08 U	0.1 U	0.08 U	0.08 U	0.08 U			0.08 U	0.1 U	0.1 U	0.1 U	0.1 U	0.08 U
1,2-DICHLOROPROPANE	0.15 U	0.15 U	0.1 U	0.15 U	0.15 U	0.15 U			0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U
1,2-DICHLOROTETRAFLUOROETHANE	0.4 U	0.4 U	0.2 U	0.4 U	0.4 U	0.4 U			0.4 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.4 UR
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U			0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U			0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U			0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
1,4-DICHLOROBENZENE	0.07 U	0.07 U	0.1 U	0.07 U	0.07 U	0.07 U			0.07 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	1.6 U	1.6 U	2 UJ	1.6 U	1.6 U	1.6 U			1.6 U	2 U	2 UJ	2 UJ	2 U	1.6 U
2-CHLOROTOLUENE	0.12 U	0.12 U	0.1 U	0.12 U	0.12 U	0.12 U			0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.13 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U			0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U
4-ISOPROPYLTOLUENE	0.1 U	0.1 U	0.07 U	0.1 U	0.1 U	0.1 U			0.1 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.1 U
4-METHYL-2-PENTANONE	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U			0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	0.4 U	0.4 U	1.3 U	0.4 U	0.4 U	0.4 U			0.4 U	1.3 U	1.3 U	1.3 U	1.3 U	0.4 UR
BENZENE	0.05 U	0.05 U	0.11 U	0.05 U	0.05 U	0.05 U			0.05 U	0.11 U	0.11 U	0.11 U	0.11 U	0.05 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.12 U	0.422 J	0.1 U	0.38 J	0.12 U	0.12 U			0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U
BROMOFORM	3.04	3.5	1.82	3.74	0.06 U	0.577 J			2.46	1.6	2.63	0.06 U	1.86	0.977 J

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected Value

STUDY AREA 06
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0805	0851	0198	0199	0548	0548	0548	0548	0789	0801	0813	0814	0827	0831
Sample ID	0805TW001	0851TW001	0198TW001	0199TW001	0548TW001	0548PW001	0548TW002	0548TW003	0789TW001	0801TW001	0813TW001	0814TW001	0827TW001	0831TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PRE-LEASE HOME	PHASE I	PHASE II	PHASE I	PHASE I	PHASE I	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I
Sample Date	20081125	20080702	20090110	20080702	20080703	20080724	20080724	20080908	20081124	20090227	20090117	20090223	20090604	20080711
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6111212802114	6111219018146	6113615202297	6113605004110	6113903102136	6113903102136	6113903102136	6113903102136	6111207906146	6111202808160	6111204608482	6111209002060	6111219702118	6111204602152
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BROMOMETHANE	0.37 U	0.37 U	0.5 U	0.37 U	0.37 U	0.37 U			0.37 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.37 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	2.56	1.05			0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.12 U	0.12 U	0.1 U	0.12 U	0.12 U	0.12 U			0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U
CHLORODIBROMOMETHANE	1.29	0.973	0.126 J	0.995	0.14 U	0.14 U			0.14 U	0.1 U	1.22	0.1 U	0.1 U	0.169 J
CHLOROETHANE	0.18 U	0.18 U	0.3 U	0.18 U	0.18 U	0.18 U			0.18 U	0.3 U	0.3 U	0.3 U	0.3 U	0.18 U
CHLOROFORM	0.09 U	0.09 U	0.09 U	0.09 U	1.19	0.753			0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CHLOROMETHANE	0.21 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U			0.21 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U
CIS-1,2-DICHLOROETHENE	0.13 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U			0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U
CIS-1,3-DICHLOROPROPENE	0.15 U	0.15 U	0.1 U	0.15 U	0.15 U	0.15 U			0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U
DICHLORODIFLUOROMETHANE	0.12 U	0.12 U	0.14 U	0.12 U	0.12 U	0.12 U			0.12 U	0.14 U	0.14 U	0.14 U	0.14 U	0.12 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.06 U	0.06 U	0.08 U	0.06 U	0.06 U	0.06 U			0.06 U	0.08 U	0.08 U	0.08 U	0.08 U	0.06 U
M+P-XYLENES	0.09 U	0.09 U	0.1 U	0.09 U	0.09 U	0.09 U			0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U
METHYL TERT-BUTYL ETHER	0.11 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U			0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U
METHYLENE CHLORIDE	0.69 U	0.69 U	0.2 U	0.69 U	0.69 U	0.69 U			0.69 U	0.2 U	0.2 U	0.2 U	0.2 U	0.69 U
N-BUTYLBENZENE	0.05 U	0.05 U	0.07 U	0.05 U	0.05 U	0.05 U			0.05 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.05 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U			0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U			0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.04 U	0.04 U	0.06 U	0.04 U	0.04 U	0.04 U			0.04 U	0.06 U	0.06 U	0.06 U	0.06 U	0.04 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U			0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.19 U	0.19 U	0.1 U	0.19 U	0.19 U	0.19 U			0.19 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U
TETRACHLOROETHENE	0.07 U	0.07 U	0.1 U	0.07 U	0.413 J	0.07 U			0.07 U	0.1 U	0.1 U	0.1 U	0.1 U	0.155 J
TOLUENE	0.17 U	0.17 U	0.1 U	0.17 U	0.17 U	0.17 U			0.17 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U
TRANS-1,2-DICHLOROETHENE	0.15 U	0.15 U	0.11 U	0.15 U	0.15 U	0.15 U			0.15 U	0.168 J	0.11 U	0.11 U	0.11 U	0.15 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U			0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.589 J	0.365 J			0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.19 U	0.19 U	0.1 U	0.19 U	0.19 U	0.19 U			0.19 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U
VINYL CHLORIDE	0.15 U	0.15 U	0.1 U	0.15 U	0.15 U	0.15 U			0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U
Semivolatile Organics (UG/L)														
1,1-BIPHENYL	0.196 U	0.189 U	0.198 U	0.19 U	0.193 U	0.201 U			0.196 U		0.203 U			0.213 U
1,2,4,5-TETRACHLOROBENZENE	0.196 U	0.189 U	0.198 U	0.19 U	0.193 U	0.201 U			0.196 U		0.203 U			0.213 U
2,3,4,6-TETRACHLOROPHENOL	0.294 UJ	0.284 U	0.298 UJ	0.285 U	0.289 U	0.301 U			0.294 UR		0.305 UR			0.32 U
2,4,5-TRICHLOROPHENOL	0.49 UJ	0.473 U	0.496 UJ	0.475 U	0.482 U	0.502 U			0.49 UR		0.509 UR			0.533 U
2,4,6-TRICHLOROPHENOL	0.49 UJ	0.473 U	0.496 UJ	0.475 U	0.482 U	0.502 U			0.49 UR		0.509 UR			0.533 U
2,4-DICHLOROPHENOL	0.686 UJ	0.662 U	0.694 UJ	0.665 U	0.675 U	0.703 U			0.687 UR		0.712 UR			0.746 U
2,4-DIMETHYLPHENOL	0.98 UJ	0.945 U	0.992 UJ	0.95 U	0.964 U	1 U			0.981 UR		1.02 UR			1.07 U
2,4-DINITROPHENOL	0.294 UJ	0.284 U	0.298 UJ	0.285 U	0.289 U	0.301 U			0.294 UR		0.305 UR			0.32 U
2,4-DINITROTOLUENE	0.98 U	0.945 U	0.992 U	0.95 U	0.964 U	1 U			0.981 U		1.02 U			1.07 U
2,6-DICHLOROPHENOL	0.784 UJ	0.756 U	0.793 UJ	0.76 U	0.771 U	0.803 U			0.785 UR		0.814 UR			0.853 U
2,6-DINITROTOLUENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
2-CHLORONAPHTHALENE	0.196 U	0.189 U	0.198 U	0.19 U	0.193 U	0.201 U			0.196 U		0.203 U			0.213 U
2-CHLOROPHENOL	0.882 UJ	0.851 U	0.893 UJ	0.855 U	0.868 U	0.904 U			0.883 UR		0.916 UR			0.959 U
2-METHYLNAPHTHALENE	0.196 U	0.189 U	0.198 U	0.19 U	0.193 U	0.201 U			0.196 U		0.203 U			0.213 U
2-METHYLPHENOL	0.686 UJ	0.662 U	0.694 UJ	0.665 U	0.675 U	0.703 U			0.687 UR		0.712 UR			0.746 U
2-NITROPHENOL	0.882 UJ	0.851 U	0.893 UJ	0.855 U	0.868 U	0.904 U			0.883 UR		0.916 UR			0.959 U
3&4-METHYLPHENOL	1.18 UJ	1.13 U	1.19 UJ	1.14 U	1.16 U	1.2 U			1.18 UR		1.22 UR			1.28 U
3-NITROANILINE	0.98 U	0.945 U	0.992 U	0.95 U	0.964 U	1 U			0.981 U		1.02 U			1.07 U
4,6-DINITRO-2-METHYLPHENOL	0.196 UJ	0.189 U	0.198 UJ	0.19 U	0.193 U	0.201 U			0.196 UR		0.203 UR			0.213 U
4-BROMOPHENYL PHENYL ETHER	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
4-CHLORO-3-METHYLPHENOL	0.588 UJ	0.567 U	0.595 UJ	0.57 U	0.578 U	0.602 U			0.589 UR		0.61 UR			0.64 U
4-CHLOROANILINE	0.98 U	0.945 U	0.992 U	0.95 U	0.964 U	1 U			0.981 U		1.02 U			1.07 U
4-NITROANILINE	0.98 U	0.945 U	0.992 UJ	0.95 U	0.964 U	1 U			0.981 U		1.02 UR			1.07 U
4-NITROPHENOL	0.294 UJ	0.284 U	0.298 UJ	0.285 U	0.289 U	0.301 U			0.294 UR		0.305 UR			0.32 U
ACENAPHTHENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
ACENAPHTHYLENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
ANILINE	0.98 U	0.945 U	0.992 U	0.95 U	0.964 U	1 U			0.981 U		1.02 U			1.07 U
ANTHRACENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
ATRAZINE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
BAP EQUIVALENT	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
BENZO(A)ANTHRACENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
BENZO(A)PYRENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
BENZO(B)FLUORANTHENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected Value

STUDY AREA 06
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0805	0851	0198	0199	0548	0548	0548	0548	0789	0801	0813	0814	0827	0831
Sample ID	0805TW001	0851TW001	0198TW001	0199TW001	0548TW001	0548PW001	0548TW002	0548TW003	0789TW001	0801TW001	0813TW001	0814TW001	0827TW001	0831TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PRE-LEASE HOME	PHASE I	PHASE II	PHASE I	PHASE I	PHASE I	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I
Sample Date	20081125	20080702	20090110	20080702	20080703	20080724	20080724	20080908	20081124	20090227	20090117	20090223	20090604	20080711
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6111212802114	6111219018146	6113615202297	6113605004110	6113903102136	6113903102136	6113903102136	6113903102136	6111207906146	6111202808160	6111204608482	6111209002060	6111219702118	6111204602152
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BENZO(G,H,I)PERYLENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
BENZO(K)FLUORANTHENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
BIS(2-ETHYLHEXYL)PHTHALATE	1.5 U	1.32 U	1.39 U	1.33 U	1.35 U	1.41 U			1.37 U		1.42 U			1.49 U
BUTYL BENZYL PHTHALATE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
CARBAZOLE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
CHRYSENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
DI-N-BUTYL PHTHALATE	1.27 U	1.23 U	1.29 U	1.23 U	1.25 U	1.31 U			1.28 U		1.32 U			1.39 U
DI-N-OCTYL PHTHALATE	0.196 U	0.189 U	0.198 U	0.19 U	0.193 U	0.201 U			0.196 U		0.203 U			0.213 UJ
DIBENZO(A,H)ANTHRACENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
DIBENZOFURAN	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
DIETHYL PHTHALATE	0.196 U	0.189 U	0.198 U	0.19 U	0.193 U	0.201 U			0.196 U		0.203 U			0.213 U
DIMETHYL PHTHALATE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
DIPHENYLAMINE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
FLUORANTHENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
FLUORENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
HEXACHLOROBENZENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
HEXACHLOROBUTADIENE	0.196 U	0.189 U	0.198 U	0.19 U	0.193 U	0.201 U			0.196 U		0.203 U			0.213 U
HEXACHLOROCYCLOPENTADIENE	0.98 U	0.945 U	0.992 UJ	0.95 U	0.964 U	1 U			0.981 U		1.02 U			1.07 U
HEXACHLOROETHANE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
INDENO(1,2,3-CD)PYRENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 UJ
NAPHTHALENE	0.196 U	0.189 U	0.198 U	0.19 U	0.193 U	0.201 U			0.196 U		0.203 U			0.213 U
NITROBENZENE	0.196 U	0.189 U	0.198 U	0.19 U	0.193 U	0.201 U			0.196 U		0.203 U			0.213 U
O-TOLUIDINE	0.686 U	0.662 U	0.694 U	0.665 U	0.675 U	0.703 U			0.687 U		0.712 U			0.746 U
PENTACHLOROBENZENE	0.196 U	0.189 U	0.198 U	0.19 U	0.193 U	0.201 U			0.196 U		0.203 U			0.213 U
PENTACHLOROPHENOL	0.294 UJ	0.284 U	0.298 UJ	0.285 U	0.289 U	0.301 U			0.294 UR		0.305 UR			0.32 U
PHENANTHRENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
PHENOL	0.98 UR	0.945 U	0.992 UR	0.95 U	0.964 U	1 U			0.981 UR		1.02 UR			1.07 U
PYRENE	0.098 U	0.0945 U	0.0992 U	0.095 U	0.0964 U	0.1 U			0.0981 U		0.102 U			0.107 U
Pesticides/PCBs (UG/L)														
4,4'-DDD	0.00315 U	0.00322 U	0.00314 U	0.00307 U	0.00343 U	0.00321 U			0.00314 U		0.00311 U			0.003 U
4,4'-DDE	0.0021 U	0.00214 U	0.0021 U	0.00205 U	0.00229 U	0.00214 U			0.00209 U		0.00207 U			0.002 U
4,4'-DDT	0.0063 U	0.00643 U	0.00629 U	0.00615 U	0.00686 U	0.00642 U			0.00628 U		0.00621 U			0.006 U
ALDRIN	0.0021 U	0.00214 U	0.0021 U	0.00205 U	0.00229 U	0.00214 U			0.00209 U		0.00207 U			0.002 U
ALPHA-BHC	0.00315 U	0.00322 U	0.00314 U	0.00307 U	0.00343 U	0.00321 U			0.00314 U		0.00311 U			0.003 U
ALPHA-CHLORDANE	0.00315 U	0.00322 U	0.00314 U	0.00307 U	0.00343 U	0.00321 U			0.00314 U		0.00311 U			0.003 U
AROCLOR-1016	0.021 U	0.02 U	0.021 U	0.02 U	0.02 U	0.0214 U			0.0209 U		0.0207 U			0.02 UJ
AROCLOR-1221	0.021 U	0.02 U	0.021 U	0.02 U	0.02 U	0.0214 U			0.0209 U		0.0207 U			0.02 UJ
AROCLOR-1232	0.021 U	0.02 U	0.021 U	0.02 U	0.02 U	0.0214 U			0.0209 U		0.0207 U			0.02 UJ
AROCLOR-1242	0.021 U	0.02 U	0.021 U	0.02 U	0.02 U	0.0214 U			0.0209 U		0.0207 U			0.02 UJ
AROCLOR-1248	0.021 U	0.02 U	0.021 U	0.02 U	0.02 U	0.0214 U			0.0209 U		0.0207 U			0.02 UJ
AROCLOR-1254	0.021 U	0.02 U	0.021 U	0.02 U	0.02 U	0.0214 U			0.0209 U		0.0207 U			0.02 UJ
AROCLOR-1260	0.021 U	0.02 U	0.021 U	0.02 U	0.02 U	0.0214 U			0.0209 U		0.0207 U			0.02 UJ
BETA-BHC	0.0021 U	0.00214 U	0.0021 U	0.00205 U	0.00229 U	0.00214 U			0.00209 U		0.00207 U			0.002 U
DELTA-BHC	0.00105 U	0.00107 U	0.00105 U	0.00102 U	0.00114 U	0.00107 U			0.00105 U		0.00104 U			0.001 U
DIELDRIN	0.00315 U	0.00322 U	0.00314 U	0.00307 U	0.00343 U	0.00321 U			0.00314 U		0.00311 U			0.003 U
ENDOSULFAN I	0.00315 U	0.00322 U	0.00314 U	0.00307 U	0.00343 U	0.00321 U			0.00314 U		0.00311 U			0.003 U
ENDOSULFAN II	0.0021 U	0.00214 U	0.0021 U	0.00205 U	0.00229 U	0.00214 U			0.00209 U		0.00207 U			0.002 U
ENDOSULFAN SULFATE	0.00735 U	0.0075 U	0.00734 U	0.00717 U	0.00801 U	0.00749 U			0.00733 U		0.00725 U			0.007 UJ
ENDRIN	0.0021 U	0.00214 U	0.0021 U	0.00205 U	0.00229 U	0.00214 U			0.00209 U		0.00207 U			0.002 U
ENDRIN ALDEHYDE	0.0021 U	0.00214 U	0.0021 U	0.00205 U	0.00229 U	0.00214 U			0.00209 U		0.00207 U			0.002 U
GAMMA-BHC (LINDANE)	0.00105 U	0.00107 U	0.00105 U	0.00102 U	0.00114 U	0.00107 U			0.00105 U		0.00104 U			0.001 U
GAMMA-CHLORDANE	0.0021 U	0.00214 U	0.0021 U	0.00205 U	0.00229 U	0.00214 U			0.00209 U		0.00207 U			0.002 U
HEPTACHLOR	0.0042 U	0.00429 U	0.00419 U	0.0041 U	0.00458 U	0.00428 U			0.00419 U		0.00414 U			0.004 U
HEPTACHLOR EPOXIDE	0.0042 U	0.00429 U	0.00419 U	0.0041 U	0.00458 U	0.00428 U			0.00419 U		0.00414 U			0.004 U
METHOXYCHLOR	0.00315 U	0.00322 U	0.00314 U	0.00307 U	0.00343 U	0.00321 U			0.00314 U		0.00311 U			0.003 U
PENTACHLORONITROBENZENE	0.00315 U	0.00322 U	0.00314 U	0.00307 U	0.00343 U	0.00321 U			0.00314 U		0.00311 U			0.003 U
TOXAPHENE	0.0105 U	0.01 U	0.0105 U	0.01 U	0.01 U	0.0107 U			0.0105 U		0.0104 U			0.01 U
Radiological Parameters (PCI/L)														
GROSS ALPHA	1.6 U	4.6	1.4 U	1.4 U	8.9	5.9			2.4	1.55 U	1.4 U	2.71 U	2.92 U	1.6 U
GROSS BETA	6.8	9.5	8.4	5.4 U	47.8	38.4			7.8	2.76	5.4 U	4.55	8.37	6.2 U
RADIUM-228														
STRONTIUM-90														

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected Value

STUDY AREA 06
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0805	0851	0198	0199	0548	0548	0548	0548	0789	0801	0813	0814	0827	0831
Sample ID	0805TW001	0851TW001	0198TW001	0199TW001	0548TW001	0548PW001	0548TW002	0548TW003	0789TW001	0801TW001	0813TW001	0814TW001	0827TW001	0831TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PRE-LEASE HOME	PHASE I	PHASE II	PHASE I	PHASE I	PHASE I	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I
Sample Date	20081125	20080702	20090110	20080702	20080703	20080724	20080724	20080908	20081124	20090227	20090117	20090223	20090604	20080711
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6111212802114	6111219018146	6113615202297	6113605004110	6113903102136	6113903102136	6113903102136	6113903102136	6111207906146	6111202808160	6111204608482	6111209002060	6111219702118	6111204602152
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Inorganics (UG/L)														
ALUMINUM	2.2 U	2.2 U	8.6	4.33	2.98	2.2 U			2.2 U	5.83 U	2.2 U	4.44	2.2 U	2.2 U
ANTIMONY	0.14 U	0.14 U	0.14 U	0.14 U	0.151	0.15			0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	4.58	4.01	7.36	3.83	5.23	5.14			4.82	9.75	6	4.24	3.7	3.45
BARIUM	17.2	17.2	18.4	18.2	7.92	4.62			16.7	15.6	13.8	13.5	13.2	16.5
BERYLLIUM	0.03 U	0.03 U	0.03 U	0.03 U	0.134	0.19			0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.13 U
CADMIUM	0.04 U	0.0419	0.0413	0.096	0.0469	0.04 U			0.046	0.04 U	0.04 U	0.04 U	0.04 U	0.0639
CALCIUM	135		126						145	120	116	116	99	
CHROMIUM	1.51 U	1.4	3.26	1.24	0.341	0.582			98.1	0.937	0.536	0.85 U	0.26	0.596
COBALT	0.0561	0.089	0.0993	0.0974	0.152	0.0734			1.43	0.0645	0.0853	0.03 U	0.0455 U	0.161
COPPER	26.1 J	345	86.4	177	311	9.9			46.2	168	36.5	13.7 J	39.2	354
IRON	4.7 U	4.7 U	1030	4.7 U	105	11			460	9.63	137	15.3 J	4.7 U	81.1
LEAD	3.3 J	3.16	11.5	6.24	4.94	2.01			4.13	2.79	3.15	0.84	0.569	5.33
MAGNESIUM	21.5		19.5						21.8	28.4	20.4	25	23.9	
MANGANESE	0.1 U	0.263	4.9	0.159	1.96	1.13			7.16	1.68	3.83	6.47 J	0.1 U	18.6
MERCURY	0.015 U	0.015	0.024	0.015 U	0.015 U	0.015 U			0.047	0.026	0.041	0.015 U	0.03	0.015 U
NICKEL	68.8 J	2.27	5.37	15.6	19.8	3.05			93.3	2.17	2.82	0.11 U	2.29	4.91
POTASSIUM	7.95		7.14						7.88	1.95	5.29	3.67	1.93	
SELENIUM	0.332	0.303	0.341	0.34	0.476	0.477			1	0.366	0.331 U	0.246	0.256	1.02
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U			0.12 U	0.665 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	26.8		22.4						28.8	6.82	17.3	11.1	7.57	
THALLIUM	0.145 U	0.0982 U	0.119 U	0.117 U	0.208 U	0.183 U			0.511 U	0.622 U	0.0402 U	0.298 U	0.148	0.69 U
TIN	0.1 U	0.1 U	0.814	0.111	0.1 U	0.1 U			0.205	0.489	0.1 U	0.215	0.1 U	0.1 U
URANIUM	1.46	1.44	1.7	1.38	11.3	14.3			1.35	1.25	1.36	1.32	0.956	1.84
VANADIUM	2.94	2.9	6.2	3.47	10.4	11.7			2.96	5.47	2.73	2.45 J	1.77	1.55
ZINC	120 J	273	279	1400	2410	1170			3610	1150	336	60.6 J	69.3	4260
Microbiological Parameters														
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)		0		0	0	0	0	0						0
PLATE COUNT		2		17	35	146	53	0						1830
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	2	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)														
CHLORIDE	45.9	42.1	49.8	39.6	44	45.9			51.7	14.5	36.9	16.4	37.3	45.4
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U			0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.418	0.31	0.412	0.327	1.26	0.937			0.348	0.2 U	0.346	0.232	0.251	0.344
NITRATE	10.9	10.6	10.9 J	9.53	90	75.4			9.79	3.65 J	8.55 J	5.85	7.21	9.42
NITRITE	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U			0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 UJ
PHOSPHATE	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U			0.4 U	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 UJ
SULFATE	14.3	12.5	12.9	12.7	51.4	45.6			12.5	8.95	11.6	10.8	12.1	11.4
Field Parameters														
CHLORINE (MG/L)	0.12	0.14	0.14	0.14	0.02	0	0.02	0.04	0.1	0	0.24	0.14	0.08	0.04
DISSOLVED OXYGEN (MG/L)	6.53	7.62	8.48	7.96	5.76	7.95	6.54	5.74	6.5	8.99	9.3	9.76	7.27	3.46
OXIDATION REDUCTION POTENTIAL (MV)	559	571	556	567	223	325	358	314	479	291	612	574	509	347
PH (S.U.)	7.19	7.07	7.03	6.8	7.18	7.38	6.91	7.05	7.16	7.08	7.16	7.35	7.05	7.24
SALINITY (%)	0	0.1	0	0.1	0	0	0.1	0	0	0	0	0	0.12	0
SPECIFIC CONDUCTANCE (MS/CM)	0.97	0.138	0.98	0.112	5.76	1.08	1.13	1.1	1.1	0.883	0.849	0.773	0.853	1.1
TEMPERATURE (C)	14.13	26.07	12.19	25.33	24.96	23.8	23.31	28.64	11.99	11.16	12.39	12.69	22.15	27.7
TOTAL DISSOLVED SOLIDS	0.62								0.7					
TURBIDITY (NTU)	6	9.4	7.4	3.7	22.3				0	0	4.9	22.5	0	2

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected Value

STUDY AREA 06
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0831	0837	0838	0848	1201	1363	1364	1364	1659	1704	1866	1942	2017	2055
Sample ID	0831TW002	0837TW001	0838TW001	0848TW001	1201TW001	1363TW001	1364TW001	1364TW002	1659TW001	1704TW001	1866TW001	1942TW001	2017TW001	2055TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE I-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20080728	20090302	20081118	20090424	20090326	20081028	20081120	20090609	20090418	20081016	20081025	20090109	20090408	20090116
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6111204602152	6111212802290	6111208902235	6111219018156	6114510608140	6111802504115	6112002902109	6112002902109	6112417206206	6111800108153	6111216600138	6112417504102	6111208402115	6111214004121
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)														
1,2,3,4,6,7,8,9-OCDD		0.0047 U	0.0037 U	0.0035 U	0.0057 U	0.0037 U	0.0039 U		0.0042 U	0.0064 U	0.0082 U	0.0067 U	0.005 U	0.0042 U
1,2,3,4,6,7,8,9-OCDF		0.00094 U	0.00075 U	0.044	0.00036 U	0.0031 U	0.00055 U		0.0036 U	0.0097 U	0.0026 U	0.001606 U	0.000803 U	0.00065 U
1,2,3,4,6,7,8-HPCDD		0.0023 U	0.0016 U	0.0012 U	0.0017 U	0.000772 U	0.0013 U		0.0013 U	0.0014 U	0.0024 U	0.0023 U	0.002 U	0.0022 U
1,2,3,4,6,7,8-HPCDF		0.00077 U	0.00075 U	0.0079 U	0.00033 U	0.00082 U	0.00038 U		0.0023 U	0.0031 U	0.001 U	0.00057 U	0.00045 U	0.00089 U
1,2,3,4,7,8,9-HPCDF		0.00054 J	0.000314 U	0.0011 U	0.00024 U	0.000652 U	0.00019 U		0.0007 U	0.000812 U	0.00062 J	0.00054 J	0.000451 U	0.00046 U
1,2,3,4,7,8-HXCDD		0.00026 U	0.000362 U	0.0004 J	0.00029 U	0.00051 U	0.000332 U		0.00072 J	0.000714 U	0.00065 U	0.0003 J	0.00043 U	0.000312 J
1,2,3,4,7,8-HXCDF		0.00023 U	0.000193 U	0.0016 U	0.000191 U	0.00056 U	0.00017 U		0.0016 U	0.00044 J	0.00069 U	0.000321 J	0.000451 U	0.000264 U
1,2,3,6,7,8-HXCDD		0.00038 U	0.000314 U	0.00035 U	0.00036 U	0.000434 U	0.000284 U		0.00041 U	0.00062 U	0.00055 U	0.00032 U	0.000351 U	0.00031 U
1,2,3,6,7,8-HXCDF		0.000204 U	0.00017 U	0.0005 U	0.00017 U	0.00046 U	0.000142 U		0.00075 U	0.00032 U	0.00055 U	0.00037 U	0.00038 U	0.00024 U
1,2,3,7,8,9-HXCDD		0.00023 U	0.000314 U	0.0005 U	0.00024 U	0.000434 U	0.000284 U		0.00065 U	0.00062 U	0.00055 U	0.00067 U	0.00038 U	0.00058 U
1,2,3,7,8,9-HXCDF		0.00028 U	0.00022 U	0.0004 J	0.00022 U	0.00063 U	0.00019 U		0.00051 U	0.00042 U	0.00072 U	0.00037 U	0.000501 U	0.000312 U
1,2,3,7,8-PECDD		0.000714 U	0.00044 U	0.001123 U	0.00074 J	0.00058 U	0.000403 U		0.0013 U	0.00052 U	0.00069 J	0.00084 U	0.000501 U	0.001 U
1,2,3,7,8-PECDF		0.00023 U	0.00029 U	0.00095 U	0.00036 U	0.00046 U	0.00012 U		0.00065 U	0.00042 U	0.000521 U	0.000543 U	0.00033 U	0.00031 J
2,3,4,6,7,8-HXCDF		0.00028 U	0.000193 U	0.0003 U	0.000191 U	0.000531 U	0.00017 U		0.00046 U	0.00037 U	0.00062 U	0.000321 U	0.0005 J	0.000264 U
2,3,4,7,8-PECDF		0.00077 U	0.00056 U	0.0006 U	0.000334 U	0.00046 U	0.0004 U		0.0013 U	0.00042 U	0.00069 U	0.00057 U	0.00088 U	0.0005 J
2,3,7,8-TCDD		0.00028 U	0.00012 U	0.00035 J	0.00041 J	0.00027 U	0.000213 U		0.00048 J	0.000221 U	0.0003 U	0.00025 U	0.00043 U	0.00034 U
2,3,7,8-TCDF		0.00023 U	0.00063 U	0.00075 U	0.00029 U	0.000241 U	0.00033 U		0.0013 U	0.00057 U	0.00032 U	0.00025 J	0.0003 U	0.00024 U
TEQ		5.4E-06	0.00012 U	0.000443	0.00115	0.00027 U	0.000213 U		0.000552	0.000044	0.000696	9.25E-05	0.00005	0.000191
TOTAL HPCDD		0.0023 J	0.0023 J	0.0012 J	0.0017 J	0.000772 U	0.0013 J		0.0013 J	0.0014 J	0.0024 J	0.0038 J	0.002 J	0.003 J
TOTAL HPCDF		0.0013 J	0.0012 J	0.012 J	0.00057 J	0.001135 U	0.00052 J		0.0048 J	0.0047 J	0.0017 J	0.0016 J	0.000803 U	0.0013 J
TOTAL HXCDD		0.00069 J	0.000991 U	0.0013 J	0.00077 U	0.0014 U	0.000901 U		0.0018 J	0.001946 U	0.001737 U	0.0013 J	0.0012 U	0.0012 J
TOTAL HXCDF		0.00092 U	0.000774 U	0.0035 J	0.00077 U	0.0022 U	0.000664 U		0.0032 J	0.0015 U	0.002531 U	0.0013 U	0.0018 U	0.0011 U
TOTAL PECDD		0.000714 U	0.00044 J	0.001123 U	0.00074 J	0.00058 J	0.000403 U		0.0013 U	0.00052 U	0.00069 J	0.00084 U	0.000501 U	0.001 J
TOTAL PECDF		0.00097 J	0.00073 J	0.0016 J	0.00067 J	0.00092 U	0.00052 J		0.0019 J	0.00084 U	0.0011 U	0.001112 U	0.00095 J	0.00082 J
TOTAL TCDD		0.000842 U	0.000362 U	0.000823 U	0.000932 U	0.0008 U	0.00064 U		0.0018 J	0.00067 U	0.000893 U	0.000741 U	0.001129 U	0.001008 U
TOTAL TCDF		0.00046 U	0.00073 J	0.0011 J	0.00045 J	0.000482 U	0.00047 J		0.0018 J	0.00062 J	0.0004 J	0.0004 U	0.000552 U	0.0005 J
Volatile Organics (UG/L)														
1,1,1,2-TETRACHLOROETHANE		0.1 U	0.11 U	0.1 U	0.1 U	0.11 U	0.11 U		0.1 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE		0.1 U	0.17 U	0.1 U	0.1 U	0.17 U	0.17 U		0.1 U	0.17 U	0.17 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE		0.08 U	0.05 U	0.08 U	0.08 U	0.05 U	0.05 U		0.08 U	0.05 U	0.05 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE		0.1 U	0.11 U	0.1 U	0.1 U	0.11 U	0.11 U		0.1 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE		0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.2 U		0.1 U	0.2 U	0.2 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE		0.14 U	0.13 U	0.14 U	0.14 U	0.13 U	0.13 U		0.14 U	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE		0.1 U	0.12 U	0.1 U	0.1 U	0.12 U	0.12 U		0.1 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE		0.1 U	0.13 U	0.1 U	0.1 U	0.13 U	0.13 U		0.1 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE		0.1 U	0.13 U	0.1 U	0.1 U	0.13 U	0.13 U		0.1 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U
1,2,4-TRIMETHYLBENZENE		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE		0.2 U	0.25 U	0.2 U	0.2 U	0.25 U	0.25 U		0.2 U	0.25 U	0.25 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE		0.1 U	0.09 U	0.1 U	0.1 U	0.09 U	0.09 U		0.1 U	0.09 U	0.09 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE		0.08 U	0.07 U	0.08 U	0.08 U	0.07 U	0.07 U		0.08 U	0.07 U	0.07 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE		0.1 U	0.08 U	0.1 U	0.1 U	0.08 U	0.08 U		0.1 U	0.08 U	0.08 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE		0.1 U	0.15 U	0.1 U	0.1 U	0.15 U	0.15 U		0.1 U	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE		0.2 U	0.4 U	0.2 U	0.2 U	0.4 U	0.4 U		0.2 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE		0.1 U	0.11 U	0.1 U	0.1 U	0.11 U	0.11 U		0.1 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE		0.1 U	0.07 U	0.1 U	0.1 U	0.07 U	0.07 U		0.1 U	0.07 U	0.07 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE		2 UJ	1.6 U	2 U	2 U	1.6 U	1.6 U		2 U	1.6 U	1.6 U	2 U	2 U	2 U
2-CHLOROTOLUENE		0.1 U	0.12 U	0.1 U	0.1 U	0.12 U	0.12 U		0.1 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U
2-HEXANONE		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE		0.1 U	0.13 U	0.1 U	0.1 U	0.13 U	0.13 U		0.1 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE		0.07 U	0.1 U	0.07 U	0.07 U	0.1 U	0.1 U		0.07 U	0.1 U	0.1 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE		0.11 U	0.1 U	0.11 U	0.11 U	0.1 U	0.1 U		0.11 U	0.1 U	0.1 U	0.11 U	0.11 U	0.11 U
ACETONE		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN		1.3 U	0.4 U	1.3 U	1.3 U	0.4 U	0.4 U		1.3 U	0.4 U	0.4 U	1.3 U	1.3 U	1.3 U
BENZENE		0.11 U	0.05 U	0.11 U	0.11 U	0.05 U	0.05 U		0.11 U	0.05 U	0.05 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE		0.1 U	0.12 U	0.1 U	0.323 J	0.12 U	0.787		0.1 U	0.12 U	0.12 U	0.1 U	0.1 U	0.109 J
BROMOFORM		2.29	3.42	3.54	1.31	2.32	7.45		2.89	4.9	1.29	2.54	1.56	1.84 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected Value

STUDY AREA 06
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0831	0837	0838	0848	1201	1363	1364	1364	1659	1704	1866	1942	2017	2055
Sample ID	0831TW002	0837TW001	0838TW001	0848TW001	1201TW001	1363TW001	1364TW001	1364TW002	1659TW001	1704TW001	1866TW001	1942TW001	2017TW001	2055TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE I-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20080728	20090302	20081118	20090424	20090326	20081028	20081120	20090609	20090418	20081016	20081025	20090109	20090408	20090116
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6111204602152	6111212802290	6111208902235	6111219018156	6114510608140	6111802504115	6112002902109	6112002902109	6112417206206	6111800108153	6111216600138	6112417504102	6111208402115	6111214004121
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BROMOMETHANE		0.5 U	0.37 U	0.5 U	0.5 U	0.37 U	0.37 U		0.5 U	0.37 U	0.37 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE		0.1 U	0.12 U	0.1 U	0.1 U	0.12 U	0.12 U		0.1 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE		0.1 U	0.259 J	0.39 J	0.93	0.26 J	3.66		0.1 U	0.392 J	0.14 U	0.1 U	0.486 J	0.331 U
CHLOROETHANE		0.3 U	0.18 U	0.3 U	0.3 U	0.18 U	0.18 U		0.3 U	0.18 U	0.18 U	0.3 U	0.3 U	0.3 U
CHLOROFORM		0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.202 J		0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CHLOROMETHANE		0.2 U	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U		0.2 U	0.21 U	0.21 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE		0.1 U	0.13 U	0.1 U	0.1 U	0.13 U	0.13 U		0.1 U	0.13 U	0.13 U	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE		0.1 U	0.15 U	0.1 U	0.1 U	0.15 U	0.15 U		0.1 U	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE		0.14 U	0.12 U	0.14 U	0.14 U	0.12 U	0.12 U		0.14 U	0.12 U	0.12 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE		0.08 U	0.06 U	0.08 U	0.08 U	0.06 U	0.06 U		0.08 U	0.06 U	0.06 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES		0.1 U	0.09 U	0.1 U	0.1 U	0.09 U	0.09 U		0.1 U	0.09 U	0.09 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER		0.1 U	0.11 U	0.1 U	0.1 U	0.11 U	0.11 U		0.1 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE		0.2 U	0.69 U	0.2 U	0.2 U	0.69 U	0.69 U		0.2 U	0.69 U	0.69 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE		0.07 U	0.05 U	0.07 U	0.07 U	0.05 U	0.05 U		0.07 U	0.05 U	0.05 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE		0.06 U	0.04 U	0.06 U	0.06 U	0.04 U	0.04 U		0.06 U	0.04 U	0.04 U	0.06 U	0.06 U	0.06 U
STYRENE		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE		0.1 U	0.19 U	0.1 U	0.1 U	0.19 U	0.19 U		0.1 U	0.19 U	0.19 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE		0.1 U	0.07 U	0.1 U	0.1 U	0.07 U	0.141 J		0.1 U	0.07 U	0.07 U	0.1 U	0.1 U	0.1 U
TOLUENE		0.1 U	0.17 U	0.1 U	0.1 U	0.17 U	0.17 U		0.1 U	0.17 U	0.17 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE		0.11 U	0.15 U	0.11 U	0.11 U	0.15 U	0.15 U		0.11 U	0.15 U	0.15 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.149 J		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE		0.1 U	0.19 U	0.1 U	0.1 U	0.19 U	0.19 U		0.1 U	0.19 U	0.19 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE		0.1 U	0.15 U	0.1 U	0.1 U	0.15 U	0.15 U		0.1 U	0.15 U	0.15 U	0.1 U	0.1 U	0.1 U
Semivolatile Organics (UG/L)														
1,1-BIPHENYL			0.194 U			0.198 U	0.193 U			0.2 U	0.196 U	0.201 U		0.207 U
1,2,4,5-TETRACHLOROBENZENE			0.194 U			0.198 U	0.193 U			0.2 U	0.196 U	0.201 U		0.207 U
2,3,4,6-TETRACHLOROPHENOL			0.291 UJ			0.297 UR	0.29 U			0.3 U	0.294 U	0.302 UR		0.31 UR
2,4,5-TRICHLOROPHENOL			0.486 UJ			0.495 UR	0.483 UR			0.5 U	0.49 U	0.503 UR		0.517 UR
2,4,6-TRICHLOROPHENOL			0.486 UJ			0.495 UR	0.483 UR			0.5 U	0.49 U	0.503 UR		0.517 UR
2,4-DICHLOROPHENOL			0.68 UJ			0.693 UR	0.676 UR			0.699 U	0.686 U	0.704 UR		0.724 UR
2,4-DIMETHYLPHENOL			0.972 UJ			0.99 UR	0.965 UR			0.999 U	0.98 U	1.01 UR		1.03 UR
2,4-DINITROPHENOL			0.291 UJ			0.297 UR	0.29 UR			0.3 U	0.294 U	0.302 UR		0.31 UR
2,4-DINITROTOLUENE			0.972 U			0.99 U	0.965 U			0.999 U	0.98 U	1.01 U		1.03 U
2,6-DICHLOROPHENOL			0.777 UJ			0.792 UR	0.772 UR			0.799 U	0.784 U	0.804 UR		0.827 UR
2,6-DINITROTOLUENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
2-CHLORONAPHTHALENE			0.194 U			0.198 U	0.193 U			0.2 U	0.196 U	0.201 U		0.207 U
2-CHLOROPHENOL			0.874 UJ			0.891 UR	0.869 UR			0.899 U	0.882 U	0.905 UR		0.931 UR
2-METHYLNAPHTHALENE			0.194 U			0.198 UR	0.193 U			0.2 U	0.196 U	0.201 U		0.207 U
2-METHYLPHENOL			0.68 UJ			0.693 UR	0.676 UR			0.699 U	0.686 U	0.704 UR		0.724 UR
2-NITROPHENOL			0.874 UJ			0.891 UR	0.869 UR			0.899 U	0.882 U	0.905 UR		0.931 UR
3&4-METHYLPHENOL			1.17 UJ			1.19 UR	1.16 UR			1.2 U	1.18 U	1.21 UR		1.24 UR
3-NITROANILINE			0.972 U			0.99 U	0.965 U			0.999 U	0.98 U	1.01 U		1.03 U
4,6-DINITRO-2-METHYLPHENOL			0.194 UJ			0.198 UR	0.193 UR			0.2 U	0.196 U	0.201 UR		0.207 UR
4-BROMOPHENYL PHENYL ETHER			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
4-CHLORO-3-METHYLPHENOL			0.583 UJ			0.594 UR	0.579 UR			0.599 U	0.588 U	0.603 UR		0.62 UR
4-CHLOROANILINE			0.972 U			0.99 U	0.965 U			0.999 U	0.98 U	1.01 U		1.03 U
4-NITROANILINE			0.972 U			0.99 U	0.965 U			0.999 U	0.98 U	1.01 U		1.03 U
4-NITROPHENOL			0.291 UJ			0.297 UR	0.29 UR			0.3 U	0.294 U	0.302 UR		0.31 UR
ACENAPHTHENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
ACENAPHTHYLENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
ANILINE			0.972 U			0.99 U	0.965 U			0.999 U	0.98 U	1.01 U		1.03 U
ANTHRACENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
ATRAZINE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
BAP EQUIVALENT			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
BENZO(A)ANTHRACENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
BENZO(A)PYRENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
BENZO(B)FLUORANTHENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected Value

STUDY AREA 06
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0831	0837	0838	0848	1201	1363	1364	1364	1659	1704	1866	1942	2017	2055
Sample ID	0831TW002	0837TW001	0838TW001	0848TW001	1201TW001	1363TW001	1364TW001	1364TW002	1659TW001	1704TW001	1866TW001	1942TW001	2017TW001	2055TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE I-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20080728	20090302	20081118	20090424	20090326	20081028	20081120	20090609	20090418	20081016	20081025	20090109	20090408	20090116
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6111204602152	6111212802290	6111208902235	6111219018156	6114510608140	6111802504115	6112002902109	6112002902109	6112417206206	6111800108153	6111216600138	6112417504102	6111208402115	6111214004121
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BENZO(G,H,I)PERYLENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
BENZO(K)FLUORANTHENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
BIS(2-ETHYLHEXYL)PHTHALATE			1.36 U			1.39 U	2.37 U			1.4 U	1.47 J	1.41 U		1.45 U
BUTYL BENZYL PHTHALATE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
CARBAZOLE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
CHRYSENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
DI-N-BUTYL PHTHALATE			1.26 U			1.29 U	1.25 U			1.3 U	1.27 U	1.31 U		1.34 U
DI-N-OCTYL PHTHALATE			0.194 U			0.198 U	0.193 U			0.2 U	0.196 U	0.201 U		0.207 U
DIBENZO(A,H)ANTHRACENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
DIBENZOFURAN			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
DIETHYL PHTHALATE			0.194 U			0.198 U	0.193 U			0.2 U	0.196 U	0.201 U		0.207 U
DIMETHYL PHTHALATE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
DIPHENYLAMINE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
FLUORANTHENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
FLUORENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
HEXACHLOROBENZENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
HEXACHLOROBUTADIENE			0.194 U			0.198 U	0.193 U			0.2 U	0.196 U	0.201 U		0.207 U
HEXACHLOROCYCLOPENTADIENE			0.972 U			0.99 U	0.965 U			0.999 U	0.98 U	1.01 U		1.03 U
HEXACHLOROETHANE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
INDENO(1,2,3-CD)PYRENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
NAPHTHALENE			0.194 U			0.198 U	0.193 U			0.2 U	0.196 U	0.201 U		0.207 U
NITROBENZENE			0.194 U			0.198 U	0.193 U			0.2 U	0.196 U	0.201 U		0.207 U
O-TOLUIDINE			0.68 U			0.693 U	0.676 U			0.699 U	0.686 U	0.704 U		0.724 U
PENTACHLOROBENZENE			0.194 U			0.198 U	0.193 U			0.2 U	0.196 U	0.201 U		0.207 U
PENTACHLOROPHENOL			0.291 UJ			0.297 UR	0.29 UR			0.3 U	0.294 U	0.302 UR		0.31 UR
PHENANTHRENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
PHENOL			0.972 UR			0.99 UR	0.965 UR			0.999 U	0.98 U	1.01 UR		1.03 UR
PYRENE			0.0972 U			0.099 U	0.0965 U			0.0999 U	0.098 U	0.101 U		0.103 U
Pesticides/PCBs (UG/L)														
4,4'-DDD			0.00309 U			0.003 U	0.00302 U			0.00309 U	0.00309 U	0.00311 U		0.00318 U
4,4'-DDE			0.00206 U			0.002 U	0.00202 U			0.00206 U	0.00206 U	0.00207 U		0.00212 U
4,4'-DDT			0.00619 U			0.00601 U	0.00605 U			0.00618 U	0.00618 U	0.00622 U		0.00637 U
ALDRIN			0.00206 U			0.002 U	0.00202 U			0.00206 U	0.00206 U	0.00207 U		0.00212 U
ALPHA-BHC			0.00309 U			0.003 U	0.00302 U			0.00309 U	0.00309 U	0.00311 U		0.00318 U
ALPHA-CHLORDANE			0.00309 U			0.003 U	0.00302 U			0.00309 U	0.00309 U	0.00311 U		0.00318 U
AROCLOR-1016			0.0206 U			0.02 U	0.0202 U			0.0206 U	0.0206 U	0.0207 U		0.0212 U
AROCLOR-1221			0.0206 U			0.02 U	0.0202 U			0.0206 U	0.0206 U	0.0207 U		0.0212 U
AROCLOR-1232			0.0206 U			0.02 U	0.0202 U			0.0206 U	0.0206 U	0.0207 U		0.0212 U
AROCLOR-1242			0.0206 U			0.02 U	0.0202 U			0.0206 U	0.0206 U	0.0207 U		0.0212 U
AROCLOR-1248			0.0206 U			0.02 U	0.0202 U			0.0206 U	0.0206 U	0.0207 U		0.0212 U
AROCLOR-1254			0.0206 U			0.02 U	0.0202 U			0.0206 U	0.0206 U	0.0207 U		0.0212 U
AROCLOR-1260			0.0206 U			0.02 U	0.0202 U			0.0206 U	0.0206 U	0.0207 U		0.0212 U
BETA-BHC			0.00206 U			0.002 U	0.00202 U			0.00206 U	0.00206 U	0.00207 U		0.00212 U
DELTA-BHC			0.00103 U			0.001 U	0.00101 U			0.00103 U	0.00103 U	0.00104 U		0.00106 U
DIELDRIN			0.00309 U			0.003 U	0.00302 U			0.00309 U	0.00309 U	0.00311 U		0.00318 U
ENDOSULFAN I			0.00309 U			0.003 U	0.00302 U			0.00309 U	0.00309 U	0.00311 U		0.00318 U
ENDOSULFAN II			0.00206 U			0.002 U	0.00202 U			0.00206 U	0.00206 U	0.00207 U		0.00212 U
ENDOSULFAN SULFATE			0.00722 U			0.00701 U	0.00706 U			0.00721 U	0.00721 U	0.00726 U		0.00743 U
ENDRIN			0.00206 U			0.002 U	0.00202 U			0.00206 U	0.00206 U	0.00207 U		0.00212 U
ENDRIN ALDEHYDE			0.00206 U			0.002 U	0.00202 U			0.00206 U	0.00206 U	0.00207 U		0.00212 U
GAMMA-BHC (LINDANE)			0.00103 U			0.001 U	0.00101 U			0.00103 U	0.00103 U	0.00104 U		0.00106 U
GAMMA-CHLORDANE			0.00206 U			0.002 U	0.00202 U			0.00206 U	0.00206 U	0.00207 U		0.00212 U
HEPTACHLOR			0.00412 U			0.004 U	0.00403 U			0.00412 U	0.00412 U	0.00415 U		0.00425 U
HEPTACHLOR EPOXIDE			0.00412 U			0.004 U	0.00403 U			0.00412 U	0.00412 U	0.00415 U		0.00425 U
METHOXYCHLOR			0.00309 U			0.003 U	0.00302 U			0.00309 U	0.00309 U	0.00311 U		0.00318 U
PENTACHLORONITROBENZENE			0.00309 U			0.003 U	0.00302 U			0.00309 U	0.00309 U	0.00311 U		0.00318 U
TOXAPHENE			0.0103 U			0.01 U	0.0101 U			0.0103 U	0.0103 U	0.0104 U		0.0106 U
Radiological Parameters (PCI/L)														
GROSS ALPHA		2.04 U	1.1 U	2.82 U	2.62 U	1.4 U	5.1		1.37 U	1.4 U	1.6 U	1.6 U	1.18 U	1.4
GROSS BETA		2.36 U	9.5	9.44	3.98 U	7.6	59.5		4.36	9.5	10	9.7	4.98	11.9
RADIUM-228								0.808						
STRONTIUM-90								1.41 U						

NA-Not Available
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STUDY AREA 06
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0831	0837	0838	0848	1201	1363	1364	1364	1659	1704	1866	1942	2017	2055
Sample ID	0831TW002	0837TW001	0838TW001	0848TW001	1201TW001	1363TW001	1364TW001	1364TW002	1659TW001	1704TW001	1866TW001	1942TW001	2017TW001	2055TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE I-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20080728	20090302	20081118	20090424	20090326	20081028	20081120	20090609	20090418	20081016	20081025	20090109	20090408	20090116
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6111204602152	6111212802290	6111208902235	6111219018156	6114510608140	6111802504115	6112002902109	6112002902109	6112417206206	6111800108153	6111216600138	6112417504102	6111208402115	6111214004121
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Inorganics (UG/L)														
ALUMINUM		4.24 U	2.2 U	3.77 U	4.4	19.5	3.06		2.2 U	2.2 U	2.2 U	40.5	2.2 U	6.33
ANTIMONY		0.329	0.14 U	0.14 U	0.14 U	0.14 U	0.172		0.14 U	0.14 U	0.153	0.14 U	0.173	0.14 U
ARSENIC		8.66	4.13	1.21	7.33	3.95	7.08		2.11	3.24	2.42	5.79	7.82	3.79
BARIUM		16.6	16.8	8.89	18.3	17.2	4.84		15.7	16.9	25	16.8	0.416	9.7
BERYLLIUM		0.03 U	0.03 U	0.033 U	0.03 U	0.15 U	0.0363		0.03 U	0.03 U	0.03 U	0.03 U	0.616	0.03 U
CADMIUM		0.155	0.04 U	0.0438	0.04 U	0.04 U	0.04 U		0.04 U	0.0809	0.476	0.0495	0.115	0.0532
CALCIUM		133	131	63.8	131		111		141	142	138	128	195	122
CHROMIUM		1.03 U	1.35	0.656 U	1.5	1.99	2.34 U		0.643 U	0.524	0.15 U	0.949 U	3.59	0.685
COBALT		0.199	0.0661	0.339	0.116	0.0985	0.119		0.0336	0.0566	0.0499	0.101	0.534 U	0.085
COPPER		198	29.7	23.9	108	28.3	608		87.3	96.4	11.1	73.3	124	82.9
IRON		7.76	20.7	5420	12.8	372	139		13.2	212	24.1	569	1680	18
LEAD		9.03	1.55	35.1	1.05	3.9	3		2.26	4.3	49.3	6.78	22.9	1.85
MAGNESIUM		21.3	20.8	21.3	30.5		24		22.1	22.1	21.4	23	27.1	19
MANGANESE		0.727	0.812	46.4	0.509	4.23	1.77		0.681	2.35	2.56	2.51	49.9	8.24
MERCURY		0.043	0.017	0.017	0.029	0.046	0.019		0.102	0.025	0.015 U	0.021	0.112	0.015 U
NICKEL		48.6	0.474	25.6	1.98	2.81	0.707		1.35	9.93	4.44	20.2	57.8	6.89
POTASSIUM		6.85	7.54	7.06	2.99		46		7.13	7.59	7.57	5.97	43.8	7.19
SELENIUM		0.408	0.413	0.229	0.2 U	0.283	0.697		0.25	0.466	0.232	0.396	1.15	0.2 U
SILVER		0.51 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM		22.8	26.6	25.6	7.98		84		25.1	29.3	26	20.2	70.5	22.1
THALLIUM		0.173 U	0.107 U	0.04 U	0.04 U	0.248 U	0.0671 U		0.248 U	0.628 U	0.101 U	0.139 U	0.371 U	0.179 U
TIN		0.271	0.1 U	6.37	0.858	0.557	0.1 U		0.226	0.116	0.1 U	0.357	0.1 U	0.176
URANIUM		1.46	1.59	0.1 U	0.979	1.53	12.6		1.08	1.69	1.72	1.56	14.8	0.483
VANADIUM		2.37 U	4.2	2.12	1 U	4.22	11.2		1.94	3.19	2.54	4.61	9.23	1.1
ZINC		2530	3890	3240	49.1	386	311		798	1040	291	414	1430	180
Microbiological Parameters														
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <		1 <	1 <	1 <	1 <	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)	0													
PLATE COUNT	4510													
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <		1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)														
CHLORIDE		27.6	49.9	58.6	14	44.9	83.7		51.8	47.9	47.6	36.3	81.3	52.2
CYANIDE		0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U		0.004 U	0.004 UJ	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE		0.325	0.432	0.349	0.2 U	0.353	1.41		0.344	0.354	0.414	0.343	1.54	0.415 J
NITRATE		7.5 J	11	10.4 J	3.59	10.4	108		10.1 J	10.4	10.8 J	8.89 J	180 J	11 J
NITRITE		0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U		0.2 UR	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ
PHOSPHATE		0.4 UJ	0.4 U	1.91 J	0.4 U	0.4 U	0.4 U		0.4 UR	0.4 U	0.4 UJ	0.4 UJ	0.4 U	0.4 UJ
SULFATE		11.9	14.3	12.5	9.03	13.3	117		11.5	12.9	14.1	11.6	253	12.8
Field Parameters														
CHLORINE (MG/L)	0.02	0.16	0.04	0.16	0.18	0.1	1	0.2	0.12	0.06	0.08	0.1	0.14	0.16
DISSOLVED OXYGEN (MG/L)	6.13	6.07	8.66	7.66	594	9	8.24	7.02	6.08	7.75	8.02	8.65	5.67	8.77
OXIDATION REDUCTION POTENTIAL (MV)	275	558	337	521	9.34	542	674	243	494	556	589	548	5.54	579
PH (S.U.)	6.89	7.11	7.14	7.03	7.07	7.21	7.08	6.94	6.93	7.22	7.06	7.17	6.97	7.14
SALINITY (%)	0	0	0	0	0	0	0.1	0.03	0.03	0	0	0	0.02	0
SPECIFIC CONDUCTANCE (MS/CM)	1	0.9	0.98	1.02	0.896	0.99	1.33	0.949	0.984	1	0.97	0.925	0.777	1
TEMPERATURE (C)	29.8	14.32	15.6	16.28	14.12	18.08	17.25	30.6	19	19.21	18.27	13.4	18.83	12.24
TOTAL DISSOLVED SOLIDS			0				0.8			0.68				
TURBIDITY (NTU)		4	0	3.7	1.2	3.5	0	0	0	0	0	4.4	0	6.9

NA-Not Available
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STUDY AREA 06
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	2080	2081	2082
Sample ID	2080TW001	2081TW001	2082TW001
Residential / Government	RESIDENTIAL		
Event	PHASE II	PHASE II	PHASE II
Sample Date	20090203	20090122	20090123
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6112408104270	6112413602070	6112407402010
Likely Water Source	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)			
1,2,3,4,6,7,8,9-OCDD	0.0038 U	0.0033 U	0.0047 U
1,2,3,4,6,7,8,9-OCDF	0.00098 U	0.0026 U	0.0012 U
1,2,3,4,6,7,8-HPCDD	0.0013 U	0.001 U	0.0016 U
1,2,3,4,6,7,8-HPCDF	0.00075 U	0.001 U	0.00074 U
1,2,3,4,7,8,9-HPCDF	0.00025 J	0.00057 U	0.000523 U
1,2,3,4,7,8-HXCDD	0.00013 U	0.00026 U	0.000404 U
1,2,3,4,7,8-HXCDF	0.0002 U	0.00026 U	0.000214 U
1,2,3,6,7,8-HXCDD	0.00018 U	0.00033 J	0.00036 U
1,2,3,6,7,8-HXCDF	0.00035 U	0.00024 J	0.00017 U
1,2,3,7,8,9-HXCDD	0.00013 U	0.00028 J	0.00036 U
1,2,3,7,8,9-HXCDF	0.00023 U	0.00031 U	0.00024 U
1,2,3,7,8-PECDD	0.0002 U	0.000732 U	0.00067 U
1,2,3,7,8-PECDF	0.00038 U	0.00033 U	0.00019 U
2,3,4,6,7,8-HXCDF	0.0002 U	0.00026 U	0.000214 U
2,3,4,7,8-PECDF	0.00065 U	0.00085 U	0.00052 U
2,3,7,8-TCDD	0.00023 U	0.00047 J	0.000214 U
2,3,7,8-TCDF	0.00013 U	0.0008 U	0.00029 U
TEQ	2.5E-06	0.000555	0.000214 U
TOTAL HPCDD	0.0021 J	0.0018 J	0.0016 J
TOTAL HPCDF	0.001 J	0.0015 J	0.000903 U
TOTAL HXCDD	0.00038 U	0.00069 U	0.001117 U
TOTAL HXCDF	0.000802 U	0.00104 U	0.000832 U
TOTAL PECDD	0.0002 U	0.000732 U	0.00067 U
TOTAL PECDF	0.001 J	0.0012 J	0.00062 J
TOTAL TCDD	0.00068 J	0.00078 U	0.000642 U
TOTAL TCDF	0.00025 U	0.0009 J	0.0004 J
Volatile Organics (UG/L)			
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	2 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.1 U
BROMOFORM	1.58	2.3	1.95

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STUDY AREA 06
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	2080	2081	2082
Sample ID	2080TW001	2081TW001	2082TW001
Residential / Government	RESIDENTIAL		
Event	PHASE II	PHASE II	PHASE II
Sample Date	20090203	20090122	20090123
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6112408104270	6112413602070	6112407402010
Likely Water Source	PUBLIC	PUBLIC	PUBLIC
BROMOMETHANE	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.267 J	0.509	0.649
CHLOROETHANE	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.09 U	0.09 U	0.09 U
CHLOROMETHANE	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 U
TOLUENE	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U
Semivolatile Organics (UG/L)			
1,1-BIPHENYL		0.189 U	0.19 U
1,2,4,5-TETRACHLOROBENZENE		0.189 U	0.19 U
2,3,4,6-TETRACHLOROPHENOL		0.284 UJ	0.284 UR
2,4,5-TRICHLOROPHENOL		0.473 UJ	0.474 UR
2,4,6-TRICHLOROPHENOL		0.473 UJ	0.474 UR
2,4-DICHLOROPHENOL		0.662 UJ	0.664 UR
2,4-DIMETHYLPHENOL		0.946 UJ	0.948 UR
2,4-DINITROPHENOL		0.284 UJ	0.284 UR
2,4-DINITROTOLUENE		0.946 U	0.948 U
2,6-DICHLOROPHENOL		0.757 UJ	0.758 UR
2,6-DINITROTOLUENE		0.0946 U	0.0948 U
2-CHLORONAPHTHALENE		0.189 U	0.19 U
2-CHLOROPHENOL		0.851 UJ	0.853 UR
2-METHYLNAPHTHALENE		0.189 U	0.19 U
2-METHYLPHENOL		0.662 UJ	0.664 UR
2-NITROPHENOL		0.851 UJ	0.853 UR
3&4-METHYLPHENOL		1.14 UJ	1.14 UR
3-NITROANILINE		0.946 U	0.948 U
4,6-DINITRO-2-METHYLPHENOL		0.189 UJ	0.19 UR
4-BROMOPHENYL PHENYL ETHER		0.0946 U	0.0948 U
4-CHLORO-3-METHYLPHENOL		0.568 UJ	0.569 UR
4-CHLOROANILINE		0.946 U	0.948 U
4-NITROANILINE		0.946 U	0.948 U
4-NITROPHENOL		0.284 UJ	0.284 UR
ACENAPHTHENE		0.0946 U	0.0948 U
ACENAPHTHYLENE		0.0946 U	0.0948 U
ANILINE		0.946 U	0.948 U
ANTHRACENE		0.0946 U	0.0948 U
ATRAZINE		0.0946 U	0.0948 U
BAP EQUIVALENT		0.0946 U	0.0948 U
BENZO(A)ANTHRACENE		0.0946 U	0.0948 U
BENZO(A)PYRENE		0.0946 U	0.0948 U
BENZO(B)FLUORANTHENE		0.0946 U	0.0948 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected Value

STUDY AREA 06
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	2080	2081	2082
Sample ID	2080TW001	2081TW001	2082TW001
Residential / Government	RESIDENTIAL		
Event	PHASE II	PHASE II	PHASE II
Sample Date	20090203	20090122	20090123
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6112408104270	6112413602070	6112407402010
Likely Water Source	PUBLIC	PUBLIC	PUBLIC
BENZO(G,H,I)PERYLENE		0.0946 U	0.0948 U
BENZO(K)FLUORANTHENE		0.0946 U	0.0948 U
BIS(2-ETHYLHEXYL)PHTHALATE		1.32 U	1.33 U
BUTYL BENZYL PHTHALATE		0.0946 U	0.0948 U
CARBAZOLE		0.0946 U	0.0948 UJ
CHRYSENE		0.0946 U	0.0948 U
DI-N-BUTYL PHTHALATE		1.23 U	1.23 U
DI-N-OCTYL PHTHALATE		0.189 U	0.19 U
DIBENZO(A,H)ANTHRACENE		0.0946 U	0.0948 U
DIBENZOFURAN		0.0946 U	0.0948 U
DIETHYL PHTHALATE		0.189 U	0.19 U
DIMETHYL PHTHALATE		0.0946 U	0.0948 U
DIPHENYLAMINE		0.0946 U	0.0948 U
FLUORANTHENE		0.0946 U	0.0948 U
FLUORENE		0.0946 U	0.0948 U
HEXACHLOROBENZENE		0.0946 U	0.0948 U
HEXACHLOROBUTADIENE		0.189 U	0.19 U
HEXACHLOROCYCLOPENTADIENE		0.946 U	0.948 UJ
HEXACHLOROETHANE		0.0946 U	0.0948 U
INDENO(1,2,3-CD)PYRENE		0.0946 U	0.0948 U
NAPHTHALENE		0.189 U	0.19 U
NITROBENZENE		0.189 U	0.19 U
O-TOLUIDINE		0.662 U	0.664 U
PENTACHLOROBENZENE		0.189 U	0.19 U
PENTACHLOROPHENOL		0.284 UJ	0.284 UR
PHENANTHRENE		0.0946 U	0.0948 U
PHENOL		0.946 UJ	0.948 UR
PYRENE		0.0946 U	0.0948 U
Pesticides/PCBs (UG/L)			
4,4'-DDD		0.00314 U	0.00305 U
4,4'-DDE		0.00209 U	0.00203 U
4,4'-DDT		0.00628 U	0.0061 UJ
ALDRIN		0.00209 U	0.00203 U
ALPHA-BHC		0.00314 U	0.00305 U
ALPHA-CHLORDANE		0.00314 U	0.00305 U
AROCLOR-1016		0.0209 U	0.0203 U
AROCLOR-1221		0.0209 U	0.0203 U
AROCLOR-1232		0.0209 U	0.0203 U
AROCLOR-1242		0.0209 U	0.0203 U
AROCLOR-1248		0.0209 U	0.0203 U
AROCLOR-1254		0.0209 U	0.0203 U
AROCLOR-1260		0.0209 U	0.0203 U
BETA-BHC		0.00209 U	0.00203 U
DELTA-BHC		0.00105 U	0.00102 UJ
DIELDRIN		0.00314 U	0.00305 U
ENDOSULFAN I		0.00314 U	0.00305 U
ENDOSULFAN II		0.00209 U	0.00203 U
ENDOSULFAN SULFATE		0.00732 U	0.00712 U
ENDRIN		0.00209 U	0.00203 UJ
ENDRIN ALDEHYDE		0.00209 U	0.00203 U
GAMMA-BHC (LINDANE)		0.00105 U	0.00102 U
GAMMA-CHLORDANE		0.00209 U	0.00203 U
HEPTACHLOR		0.00418 U	0.00407 UJ
HEPTACHLOR EPOXIDE		0.00418 U	0.00407 U
METHOXYCHLOR		0.00314 U	0.00305 UJ
PENTACHLORONITROBENZENE		0.00314 U	0.00305 U
TOXAPHENE		0.0105 U	0.0102 U
Radiological Parameters (PCI/L)			
GROSS ALPHA	1.6 U	1.1 U	1.9 U
GROSS BETA	5.9 U	5.7	6.2 U
RADIUM-228			
STRONTIUM-90			

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected Value

STUDY AREA 06
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	2080	2081	2082
Sample ID	2080TW001	2081TW001	2082TW001
Residential / Government	RESIDENTIAL		
Event	PHASE II	PHASE II	PHASE II
Sample Date	20090203	20090122	20090123
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6112408104270	6112413602070	6112407402010
Likely Water Source	PUBLIC	PUBLIC	PUBLIC
Inorganics (UG/L)			
ALUMINUM	2.62	3.35	2.64
ANTIMONY	1.24	0.48	0.14 U
ARSENIC	3.12	6.85	7.37
BARIUM	18.2	16.8	18.2
BERYLLIUM	0.03 U	0.03 U	0.03 U
CADMIUM	0.357	0.04 U	0.04 U
CALCIUM	123	125	143
CHROMIUM	0.15 U	0.312	0.331
COBALT	3.6	0.0786	0.113
COPPER	597	48.4	32.9
IRON	5.58	30.2	102
LEAD	6.84	3.02	4.96
MAGNESIUM	21.3	21.8	23.6
MANGANESE	1.51	0.58	0.981
MERCURY	0.027	0.04	0.049
NICKEL	477	1.54	5.31
POTASSIUM	8.19	6.52	8.55
SELENIUM	0.365	0.264 U	0.326 U
SILVER	0.12 U	0.12 U	0.12 U
SODIUM	24.5	20.5	26.9
THALLIUM	0.04 U	0.04 U	0.04 U
TIN	0.104	0.1 U	0.347 U
URANIUM	1.61	1.33	1.48
VANADIUM	2.82	3.64	4.01
ZINC	8650	92.1	1050
Microbiological Parameters			
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)			
PLATE COUNT			
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)			
CHLORIDE	33.3	42.2	25.7
CYANIDE	0.004 U	0.004 U	0.004 U
FLUORIDE	0.34	0.364	0.29
NITRATE	8.69	9.99	6.75 J
NITRITE	0.2 U	0.2 U	0.2 UJ
PHOSPHATE	0.4 U	0.4 U	0.4 UJ
SULFATE	12.2	12.2	11.1
Field Parameters			
CHLORINE (MG/L)	0.16	0.14	0.16
DISSOLVED OXYGEN (MG/L)	7.95	6.63	8.75
OXIDATION REDUCTION POTENTIAL (MV)	688	590	607
PH (S.U.)	7.14	7.05	7.13
SALINITY (%)	0	0	0
SPECIFIC CONDUCTANCE (MS/CM)	0.876	0.83	0.92
TEMPERATURE (C)	13.07	12.81	12.67
TOTAL DISSOLVED SOLIDS			
TURBIDITY (NTU)	0	16	0.4

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected Value

STUDY AREA 06
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0198	0198	0198	0838	1363	1364	1866	2080	2081	2082
Sample ID	0198SS0010006	0198SS0010006-AVG	0198SS0010006-D	0838SS0010006	1363SS0010006	1364SS0010006	1866SS0010006	2080SS0010006	2081SS0010006	2082SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090110	20090110	20090110	20081118	20090217	20081120	20090124	20090203	20090122	20090123
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6113615202297	6113615202297	6113615202297	6111208902235	6111802504115	6112002902109	6111216600138	6112408104270	6112413602070	6112407402010
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/KG)										
1,2,3,4,6,7,8,9-OCDD	17	15.5	14	6 U	71	7.9 J	3.7 J	11 J	15	5.7 J
1,2,3,4,6,7,8,9-OCDF	2 J	1.85 J	1.7 J	0.51 U	9.4 J	1.3 U	0.33 U	0.48 U	1.8 J	0.49 U
1,2,3,4,6,7,8-HPCDD	2.9 J	2 J	2.2 U	1.1 U	12	1.5 U	0.76 U	2.1 J	2.7 J	1.1 J
1,2,3,4,6,7,8-HPCDF	1.8 J	1.65 J	1.5 J	0.57 U	5.8 J	0.97 U	0.35 U	1.2 U	2 J	0.72 U
1,2,3,4,7,8,9-HPCDF	0.18 U	0.17 J	0.17 J	0.089 UJ	0.89 J	0.13 J	0.056 J	0.1 J	0.26 J	0.13 J
1,2,3,4,7,8-HXCDD	0.2 U	0.175 U	0.15 U	0.061263 UJ	0.2 J	0.102527 U	0.037 U	0.083 J	0.17 U	0.047 U
1,2,3,4,7,8-HXCDF	0.68 J	0.645 J	0.61 J	0.26 J	0.88 J	0.28 J	0.16 U	0.27 U	0.72 J	0.15 U
1,2,3,6,7,8-HXCDD	0.23 U	0.255 U	0.28 U	0.079 U	0.65 J	0.15 U	0.064 U	0.18 U	0.31 U	0.14 U
1,2,3,6,7,8-HXCDF	0.55 J	0.515 J	0.48 J	0.17 J	0.46 J	0.12 J	0.072 U	0.18 U	0.58 J	0.16 U
1,2,3,7,8,9-HXCDD	0.172623 U	0.133156 J	0.18 J	0.11 U	0.37 J	0.12 U	0.053 U	0.18 J	0.23 J	0.079 U
1,2,3,7,8,9-HXCDF	0.1814 U	0.176846 U	0.172292 U	0.08103 UJ	0.263 U	0.093 U	0.056 U	0.088 U	0.13 U	0.058 U
1,2,3,7,8-PECDD	0.21 UJ	0.295 UJ	0.38 UJ	0.061 J	0.21 U	0.099 J	0.027 U	0.15 U	0.27 U	0.084 U
1,2,3,7,8-PECDF	0.48 J	0.51 J	0.54 J	0.15 U	0.43 J	0.2 J	0.091 U	0.22 U	0.42 J	0.22 U
2,3,4,6,7,8-HXCDF	0.41 J	0.465 J	0.52 J	0.12 U	0.66 J	0.23 U	0.051 U	0.26 J	0.61 J	0.19 U
2,3,4,7,8-PECDF	0.47 J	0.475 J	0.48 J	0.2 U	0.65 J	0.32 J	0.096 U	0.3 U	0.57 J	0.18 U
2,3,7,8-TCDD	0.14 U	0.13 U	0.12 U	0.034 UJ	0.121 U	0.051263 U	0.048 U	0.083 U	0.143 U	0.11 J
2,3,7,8-TCDF	0.54 J	0.385 J	0.46 U	0.16 U	1.1 U	0.22 U	0.29 U	0.33 U	0.65 J	0.27 U
TEQ	0.4261	0.415521	0.36061	0.104	0.74092	0.24467	0.00167	0.0776	0.51724	0.12401
TOTAL HPCDD	5.3 J	4.95 J	4.6 J	2.2 J	25	2.9 J	1.2 J	3.8 J	5.4 J	1.8 J
TOTAL HPCDF	3.4 J	3.1 J	2.8 J	1.1 J	11 J	1.9 J	1 J	2.1 J	3.3 J	1.5 J
TOTAL HXCDD	4.8 J	4.75 J	4.7 J	1.3 J	9.7 J	2.5 J	0.52 J	2.1 J	5.2 J	1.2 J
TOTAL HXCDF	6.1 J	5.9 J	5.7 J	1.9 J	17 J	2.6 J	1.1 J	2.5 J	5.8 J	1.9 J
TOTAL PECDD	4.1 J	4.05 J	4 J	0.9 J	6.3	1.6 J	0.027 U	0.79 J	5.5	1.2 J
TOTAL PECDF	6.7 J	6.2 J	5.7 J	2.1 J	13	2.8 J	0.95 J	1.7 J	5.4 J	1.7 J
TOTAL TCDD	3.5	3.3	3.1	1 J	5.9	1.9 J	0.51 J	1.2 J	5.1	1 J
TOTAL TCDF	4.4 J	5.1 J	5.8 J	3.1 J	15 J	3.2 J	0.88 J	0.93 J	7.2 J	1.8 J
Volatile Organics (MG/KG)										
1,1,1,2-TETRACHLOROETHANE	0.000453 U	0.000448 U	0.000442 U	0.000425 U	0.000394 U	0.000397 U	0.000419 U	0.000393 U	0.000413 U	0.000409 U
1,1,1-TRICHLOROETHANE	0.000604 U	0.000597 U	0.000589 U	0.000567 U	0.000526 U	0.000529 U	0.000559 U	0.000524 U	0.000551 U	0.000545 U
1,1,2,2-TETRACHLOROETHANE	0.000302 U	0.000299 U	0.000295 U	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
1,1,2-TRICHLOROETHANE	0.000453 U	0.000448 U	0.000442 U	0.000425 U	0.000394 U	0.000397 U	0.000419 U	0.000393 U	0.000413 U	0.000409 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.00106 U	0.001045 U	0.00103 U	0.00346 J	0.00092 U	0.0537	0.000979 U	0.000916 U	0.000964 U	0.000953 U
1,1-DICHLOROETHANE	0.00106 U	0.001045 U	0.00103 U	0.000992 U	0.00092 U	0.000925 U	0.000979 U	0.000916 U	0.000964 U	0.000953 U
1,1-DICHLOROETHENE	0.000755 U	0.000747 U	0.000737 U	0.000708 U	0.000657 U	0.000661 U	0.000699 U	0.000655 U	0.000689 U	0.000681 U
1,2,3-TRICHLOROBENZENE	0.000755 U	0.000747 U	0.000737 U	0.000708 U	0.000657 U	0.000661 U	0.000699 U	0.000655 U	0.000689 U	0.000681 U
1,2,3-TRICHLOROPROPANE	0.000453 U	0.000448 U	0.000442 U	0.000425 U	0.000394 U	0.000397 U	0.000419 U	0.000393 U	0.000413 U	0.000409 U
1,2,4-TRICHLOROBENZENE	0.000453 U	0.000448 U	0.000442 U	0.000425 U	0.000394 U	0.000397 U	0.000419 U	0.000393 U	0.000413 U	0.000409 U
1,2,4-TRIMETHYLBENZENE	0.000604 U	0.000597 U	0.000589 U	0.000567 U	0.000526 U	0.000529 U	0.000559 U	0.000524 U	0.000551 U	0.000545 U
1,2-DIBROMO-3-CHLOROPROPANE	0.000604 U	0.000597 U	0.000589 U	0.000567 U	0.000526 U	0.000529 U	0.000559 U	0.000524 U	0.000551 U	0.000545 U
1,2-DIBROMOETHANE	0.000151 U	0.00015 U	0.000147 U	0.000142 U	0.000131 U	0.000132 U	0.00014 U	0.000131 U	0.000138 U	0.000136 U
1,2-DICHLOROBENZENE	0.000151 U	0.00015 U	0.000147 U	0.000142 U	0.000131 U	0.000132 U	0.00014 U	0.000131 U	0.000138 U	0.000136 U
1,2-DICHLOROETHANE	0.000302 U	0.000299 U	0.000295 U	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
1,2-DICHLOROPROPANE	0.000453 U	0.000448 U	0.000442 U	0.000425 U	0.000394 U	0.000397 U	0.000419 U	0.000393 U	0.000413 U	0.000409 U
1,2-DICHLOROTETRAFLUOROETHANE	0.000906 U	0.000895 U	0.000884 U	0.00085 U	0.000789 U	0.000793 U	0.000839 U	0.000786 U	0.000827 UR	0.000817 U
1,3,5-TRIMETHYLBENZENE	0.000302 U	0.000445 J	0.000739 J	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
1,3-DICHLOROBENZENE	0.000302 U	0.000299 U	0.000295 U	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
1,3-DICHLOROPROPANE	0.000302 U	0.000299 U	0.000295 U	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
1,4-DICHLOROBENZENE	0.000151 U	0.00015 U	0.000147 U	0.000142 U	0.000131 U	0.000132 U	0.00014 U	0.000131 U	0.000138 U	0.000136 U
2,2-DICHLOROPROPANE	0.000755 U	0.000747 U	0.000737 U	0.000708 U	0.000657 U	0.000661 U	0.000699 U	0.000655 U	0.000689 U	0.000681 U
2-BUTANONE	0.00272 U	0.002685 U	0.00265 U	0.00255 U	0.00237 U	0.00238 U	0.00252 U	0.00236 U	0.00248 U	0.00245 U
2-CHLOROTOLUENE	0.000453 U	0.000448 U	0.000442 U	0.000425 U	0.000394 U	0.000397 U	0.000419 U	0.000393 U	0.000413 U	0.000409 U
2-HEXANONE	0.00151 U	0.00149 U	0.00147 U	0.00142 U	0.00131 U	0.00132 U	0.0014 U	0.00131 U	0.00138 U	0.00136 U
4-CHLOROTOLUENE	0.000302 U	0.000299 U	0.000295 U	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
4-ISOPROPYLTOLUENE	0.000302 U	0.003621 J	0.00709 J	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 J	0.000272 U
4-METHYL-2-PENTANONE	0.000453 U	0.000448 U	0.000442 U	0.000425 U	0.000394 U	0.000397 U	0.000419 U	0.000393 U	0.000413 U	0.000409 U
ACETONE	0.00875 U	0.008645 U	0.00854 U	0.00822 U	0.00762 U	0.00767 U	0.00811 U	0.00759 U	0.00799 U	0.022
ACROLEIN	0.0077 U	0.007605 U	0.00751 U	0.00723 U	0.0067 U	0.00674 U	0.00713 U	0.00668 U	0.00703 U	0.00695 U
BENZENE	0.000453 U	0.000448 U	0.000442 U	0.000425 U	0.000394 U	0.000397 U	0.000419 U	0.000393 U	0.000413 U	0.000409 U
BROMOCHLOROMETHANE	0.000604 U	0.000597 U	0.000589 U	0.000567 U	0.000526 U	0.000529 U	0.000559 U	0.000524 U	0.000551 U	0.000545 U
BROMODICHLOROMETHANE	0.000604 U	0.000597 U	0.000589 U	0.000567 U	0.000526 U	0.000529 U	0.000559 U	0.000524 U	0.000551 U	0.000545 U
BROMOFORM	0.000302 U	0.000299 U	0.000295 U	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
BROMOMETHANE	0.00453 U	0.004475 U	0.00442 U	0.00425 U	0.00394 U	0.00568 U	0.00419 U	0.00393 U	0.00413 UR	0.00409 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 06
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0198	0198	0198	0838	1363	1364	1866	2080	2081	2082
Sample ID	0198SS0010006	0198SS0010006-AVG	0198SS0010006-D	0838SS0010006	1363SS0010006	1364SS0010006	1866SS0010006	2080SS0010006	2081SS0010006	2082SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090110	20090110	20090110	20081118	20090217	20081120	20090124	20090203	20090122	20090123
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6113615202297	6113615202297	6113615202297	6111208902235	6111802504115	6112002902109	6111216600138	6112408104270	6112413602070	6112407402010
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CARBON TETRACHLORIDE	0.000604 U	0.000597 U	0.000589 U	0.000567 U	0.000526 U	0.000529 U	0.000559 U	0.000524 U	0.000551 U	0.000545 U
CHLOROBENZENE	0.000302 U	0.000299 U	0.000295 U	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
CHLORODIBROMOMETHANE	0.000151 U	0.00015 U	0.000147 U	0.000142 U	0.000131 U	0.000132 U	0.00014 U	0.000131 U	0.000138 U	0.000136 U
CHLOROETHANE	0.000604 U	0.000597 U	0.000589 U	0.000567 U	0.000526 U	0.000529 U	0.000559 U	0.000524 U	0.000551 UR	0.000545 U
CHLOROFORM	0.00167 J	0.001093 J	0.00103 U	0.000992 U	0.00092 U	0.00193 J	0.000979 U	0.000916 U	0.000964 U	0.000953 U
CHLOROMETHANE	0.00136 U	0.001345 U	0.00133 U	0.00128 U	0.00118 U	0.00119 U	0.00126 U	0.00118 U	0.00124 U	0.00123 U
CIS-1,2-DICHLOROETHENE	0.00106 U	0.001045 U	0.00103 U	0.000992 U	0.00092 U	0.000925 U	0.000979 U	0.000916 U	0.000964 U	0.000953 U
CIS-1,3-DICHLOROPROPENE	0.000151 U	0.00015 U	0.000147 U	0.000142 U	0.000131 U	0.000132 U	0.00014 U	0.000131 U	0.000138 U	0.000136 U
DICHLORODIFLUOROMETHANE	0.000453 U	0.000448 U	0.000442 U	0.000425 U	0.000394 U	0.000397 U	0.000419 U	0.000393 U	0.000413 U	0.000409 U
ETHYLBENZENE	0.000453 U	0.000448 U	0.000442 U	0.000425 U	0.000394 U	0.000397 U	0.000419 U	0.000393 U	0.000413 U	0.000409 U
ISOPROPYLBENZENE	0.000302 U	0.000299 U	0.000295 U	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
M+P-XYLENES	0.000906 U	0.000895 U	0.000884 U	0.00085 U	0.000789 U	0.000793 U	0.000839 U	0.000786 U	0.000827 U	0.000817 U
METHYL TERT-BUTYL ETHER	0.000755 U	0.000747 U	0.000737 U	0.000708 U	0.000657 U	0.000661 U	0.000699 U	0.000655 U	0.000689 U	0.000681 U
METHYLENE CHLORIDE	0.00151 U	0.00149 U	0.00147 U	0.00142 U	0.00131 U	0.00132 U	0.0014 U	0.00131 U	0.00138 U	0.00136 U
N-BUTYLBENZENE	0.000302 U	0.000299 U	0.000295 U	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
N-PROPYLBENZENE	0.000453 U	0.000448 U	0.000442 U	0.000425 U	0.000394 U	0.000397 U	0.000419 U	0.000393 U	0.000413 U	0.000409 U
O-XYLENE	0.000302 U	0.000299 U	0.000295 U	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
SEC-BUTYLBENZENE	0.000302 U	0.000299 U	0.000295 U	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
STYRENE	0.000302 U	0.000299 U	0.000295 U	0.000283 U	0.000263 U	0.000264 U	0.00028 U	0.000262 U	0.000276 U	0.000272 U
TERT-BUTYLBENZENE	0.000604 U	0.000597 U	0.000589 U	0.000567 U	0.000526 U	0.000529 U	0.000559 U	0.000524 U	0.000551 U	0.000545 U
TETRACHLOROETHENE	0.000906 U	0.000895 U	0.000884 U	0.00085 U	0.000789 U	0.000793 U	0.000839 U	0.000786 U	0.000827 U	0.000817 U
TOLUENE	0.0233 J	0.01656 J	0.00982 J	0.00087 J	0.000754 J	0.0463	0.000699 U	0.000655 U	0.000689 U	0.00115 J
TRANS-1,2-DICHLOROETHENE	0.000906 U	0.000895 U	0.000884 U	0.00085 U	0.000789 U	0.000793 U	0.000839 U	0.000786 U	0.000827 U	0.000817 U
TRANS-1,3-DICHLOROPROPENE	0.000453 U	0.000448 U	0.000442 U	0.000425 U	0.000394 U	0.000397 U	0.000419 U	0.000393 U	0.000413 U	0.000409 U
TRICHLOROETHENE	0.000755 U	0.000747 U	0.000737 U	0.000708 U	0.000657 U	0.000661 U	0.000699 U	0.000655 U	0.000689 U	0.000681 U
TRICHLOROFLUOROMETHANE	0.00121 U	0.001195 U	0.00118 U	0.00113 U	0.00105 U	0.00106 U	0.00112 U	0.00105 U	0.0011 UJ	0.00109 U
VINYL CHLORIDE	0.000604 U	0.000597 U	0.000589 U	0.000567 U	0.000526 U	0.000529 U	0.000559 U	0.000524 U	0.000551 U	0.000545 U
Semivolatile Organics (MG/KG)										
1,1-BIPHENYL	0.0225 U	0.0223 U	0.0221 U	0.021 U	0.0194 U	0.0188 U	0.0208 U	0.0196 U	0.0207 U	0.0205 U
1,2,4,5-TETRACHLOROBENZENE	0.018 U	0.01785 U	0.0177 U	0.0168 U	0.0155 U	0.015 U	0.0167 U	0.0156 U	0.0165 U	0.0164 U
2,3,4,6-TETRACHLOROPHENOL	0.107 U	0.106 U	0.105 U	0.0995 U	0.0918 UJ	0.0889 U	0.0987 UJ	0.0926 U	0.0978 U	0.0969 UJ
2,4,5-TRICHLOROPHENOL	0.185 U	0.183 U	0.181 U	0.172 U	0.159 UJ	0.154 U	0.171 UJ	0.16 U	0.169 U	0.168 UJ
2,4,6-TRICHLOROPHENOL	0.0992 U	0.0982 U	0.0972 U	0.0925 U	0.0854 UJ	0.0826 U	0.0917 UJ	0.0861 U	0.0909 U	0.0901 UJ
2,4-DICHLOROPHENOL	0.116 U	0.1145 U	0.113 U	0.108 U	0.0996 UJ	0.0964 U	0.107 UJ	0.1 U	0.106 U	0.105 UJ
2,4-DIMETHYLPHENOL	0.222 U	0.22 U	0.218 U	0.207 U	0.191 UJ	0.185 U	0.206 UJ	0.193 U	0.204 U	0.202 UJ
2,4-DINITROPHENOL	0.0827 U	0.08185 U	0.081 U	0.0771 U	0.0711 UJ	0.0689 U	0.0764 UJ	0.0717 U	0.0758 U	0.0751 UJ
2,4-DINITROTOLUENE	0.0271 U	0.0268 U	0.0265 U	0.0252 U	0.0233 U	0.0225 U	0.025 U	0.0235 U	0.0248 U	0.0246 U
2,6-DICHLOROPHENOL	0.0706 U	0.0692 J	0.0692 J	0.0658 U	0.0608 UJ	0.0588 U	0.0653 UJ	0.0613 U	0.0647 U	0.0642 UJ
2,6-DINITROTOLUENE	0.0225 U	0.0223 U	0.0221 U	0.021 U	0.0194 U	0.0188 U	0.0208 U	0.0196 U	0.0207 U	0.0205 U
2-CHLORONAPHTHALENE	0.012 U	0.0119 U	0.0118 U	0.0112 U	0.0103 U	0.01 U	0.0111 U	0.0104 U	0.011 U	0.0109 U
2-CHLOROPHENOL	0.0752 U	0.07445 U	0.0737 U	0.07 U	0.0647 UJ	0.0626 U	0.0695 UJ	0.0652 U	0.0689 U	0.0682 UJ
2-METHYLNAPHTHALENE	0.0256 U	0.0253 U	0.025 U	0.0238 U	0.022 U	0.0213 U	0.0236 U	0.0222 U	0.0234 U	0.0232 U
2-METHYLPHENOL	0.15 U	0.1485 U	0.147 U	0.14 U	0.129 UJ	0.125 U	0.139 UJ	0.13 U	0.138 U	0.136 UJ
2-NITROPHENOL	0.0947 U	0.09375 U	0.0928 U	0.0883 U	0.0815 UJ	0.0789 U	0.0876 UJ	0.0822 U	0.0868 U	0.086 UJ
3&4-METHYLPHENOL	0.173 U	0.171 U	0.169 U	0.161 U	0.149 UJ	0.144 U	0.16 UJ	0.15 U	0.158 U	0.157 UJ
3-NITROANILINE	0.0271 U	0.0268 U	0.0265 U	0.0252 U	0.0233 U	0.0225 U	0.025 U	0.0235 U	0.0248 UJ	0.0246 U
4,6-DINITRO-2-METHYLPHENOL	0.101 U	0.09985 U	0.0987 U	0.0939 U	0.0867 UJ	0.0839 U	0.0931 UJ	0.0874 U	0.0923 U	0.0915 UJ
4-BROMOPHENYL PHENYL ETHER	0.018 U	0.01785 U	0.0177 U	0.0168 U	0.0155 U	0.015 U	0.0167 U	0.0156 U	0.0165 U	0.0164 U
4-CHLORO-3-METHYLPHENOL	0.132 U	0.131 U	0.13 U	0.123 U	0.114 UJ	0.11 U	0.122 UJ	0.115 U	0.121 U	0.12 UJ
4-CHLOROANILINE	0.0346 U	0.03425 U	0.0339 U	0.0364 J	0.0298 U	0.0288 U	0.032 U	0.03 U	0.0317 U	0.0314 U
4-NITROANILINE	0.0661 U	0.06545 U	0.0648 U	0.0616 U	0.0569 U	0.0551 U	0.0612 U	0.0574 U	0.0606 U	0.0601 U
4-NITROPHENOL	0.177 U	0.1755 U	0.174 U	0.165 U	0.153 UJ	0.148 U	0.164 UJ	0.154 U	0.163 U	0.161 UJ
ACENAPHTHENE	0.015 U	0.01485 U	0.0147 U	0.014 U	0.0129 U	0.0125 U	0.0139 U	0.013 U	0.0138 U	0.0136 U
ACENAPHTHYLENE	0.0135 U	0.0134 U	0.0133 U	0.0126 U	0.0116 U	0.0113 U	0.0125 U	0.0117 U	0.0124 U	0.0123 U
ANILINE	0.0301 U	0.0298 U	0.0295 U	0.028 U	0.0259 U	0.025 U	0.0278 U	0.0261 U	0.0276 U	0.0273 U
ANTHRACENE	0.018 U	0.01785 U	0.0177 U	0.0168 U	0.0155 U	0.015 U	0.0167 U	0.0156 U	0.0165 U	0.0164 U
ATRAZINE	0.0391 U	0.0387 U	0.0383 U	0.0364 U	0.0336 U	0.0326 U	0.0361 U	0.0339 U	0.0358 U	0.0355 U
BAP EQUIVALENT	0.0256 U	0.0253 U	0.025 U	0.0238 U	0.022 U	0.0213 U	0.0236 U	0.060386	0.0234 U	0.0232 U
BENZO(A)ANTHRACENE	0.024 U	0.0238 U	0.0236 U	0.0224 U	0.0207 U	0.02 U	0.0222 U	0.0392 J	0.022 U	0.0218 U
BENZO(A)PYRENE	0.0256 U	0.0253 U	0.025 U	0.0238 U	0.022 U	0.0213 U	0.0236 U	0.0514 J	0.0234 U	0.0232 U
BENZO(B)FLUORANTHENE	0.0301 U	0.0298 U	0.0295 U	0.028 U	0.0259 U	0.025 U	0.0278 U	0.0457 J	0.0276 U	0.0273 U
BENZO(G,H,I)PERYLENE	0.0421 U	0.04165 U	0.0412 U	0.0392 U	0.0362 U	0.0351 U	0.0389 U	0.0365 U	0.0386 U	0.0382 U
BENZO(K)FLUORANTHENE	0.0271 U	0.0268 U	0.0265 U	0.0252 U	0.0233 U	0.0225 U	0.025 U	0.0448 J	0.0248 U	0.0246 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 06
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0198	0198	0198	0838	1363	1364	1866	2080	2081	2082
Sample ID	0198SS0010006	0198SS0010006-AVG	0198SS0010006-D	0838SS0010006	1363SS0010006	1364SS0010006	1866SS0010006	2080SS0010006	2081SS0010006	2082SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090110	20090110	20090110	20081118	20090217	20081120	20090124	20090203	20090122	20090123
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6113615202297	6113615202297	6113615202297	6111208902235	6111802504115	6112002902109	6111216600138	6112408104270	6112413602070	6112407402010
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BIS(2-ETHYLHEXYL)PHTHALATE	0.158 J	0.1565 J	0.155 J	0.15 J	0.136 U	0.219 J	0.146 U	0.137 U	0.145 U	0.143 U
BUTYL BENZYL PHTHALATE	0.0451 U	0.04465 U	0.0442 U	0.042 U	0.0388 U	0.0376 U	0.0417 U	0.0391 U	0.0413 U	0.041 U
CARBAZOLE	0.0271 U	0.0268 U	0.0265 U	0.0252 U	0.0233 U	0.0225 U	0.025 U	0.0235 U	0.0248 UJ	0.0246 U
CHRYSENE	0.0195 U	0.0193 U	0.0191 U	0.0182 U	0.0168 U	0.0163 U	0.0181 U	0.0483 J	0.0179 U	0.0177 U
DI-N-BUTYL PHTHALATE	0.0646 U	0.06395 U	0.0633 U	0.0699 J	0.0556 U	0.0538 U	0.0598 U	0.0561 U	0.0592 J	0.0587 U
DI-N-OCTYL PHTHALATE	0.0301 U	0.0298 U	0.0295 U	0.028 U	0.0259 U	0.025 U	0.0278 U	0.0261 U	0.0276 U	0.0273 U
DIBENZO(A,H)ANTHRACENE	0.0271 U	0.0268 U	0.0265 U	0.0252 U	0.0233 U	0.0225 U	0.025 U	0.0235 U	0.0248 U	0.0246 U
DIBENZOFURAN	0.015 U	0.01485 U	0.0147 U	0.014 U	0.0129 U	0.0125 U	0.0139 U	0.013 U	0.0138 U	0.0136 U
DIETHYL PHTHALATE	0.0256 U	0.0253 U	0.025 U	0.0238 U	0.022 U	0.0213 U	0.0236 U	0.0222 U	0.0234 U	0.0232 U
DIMETHYL PHTHALATE	0.0195 U	0.0193 U	0.0191 U	0.0182 U	0.0168 U	0.0163 U	0.0181 U	0.017 U	0.0179 U	0.0177 U
DIPHENYLAMINE	0.0782 U	0.0774 U	0.0766 U	0.0729 U	0.0673 U	0.0651 U	0.0723 U	0.0678 U	0.0716 U	0.071 U
FLUORANTHENE	0.0286 U	0.0283 U	0.028 U	0.0266 U	0.0246 U	0.0238 U	0.0264 U	0.0526 J	0.0262 U	0.0259 U
FLUORENE	0.018 U	0.01785 U	0.0177 U	0.0168 U	0.0155 U	0.015 U	0.0167 U	0.0156 U	0.0165 U	0.0164 U
HEXACHLOROBENZENE	0.0165 U	0.01635 U	0.0162 U	0.0154 U	0.0142 U	0.0138 U	0.0153 U	0.0143 U	0.0152 U	0.015 U
HEXACHLOROBUTADIENE	0.015 U	0.01485 U	0.0147 U	0.014 U	0.0129 U	0.0125 U	0.0139 U	0.013 U	0.0138 U	0.0136 U
HEXACHLOROCYCLOPENTADIENE	0.021 U	0.0208 U	0.0206 U	0.0196 U	0.0181 U	0.0175 U	0.0195 U	0.0183 U	0.0193 UJ	0.0191 U
HEXACHLOROETHANE	0.0165 U	0.01635 U	0.0162 U	0.0154 U	0.0142 U	0.0138 U	0.0153 U	0.0143 U	0.0152 U	0.015 U
INDENO(1,2,3-CD)PYRENE	0.0661 U	0.06545 U	0.0648 U	0.0616 U	0.0569 U	0.0551 U	0.0612 U	0.0574 U	0.0606 U	0.0601 U
NAPHTHALENE	0.00902 U	0.01541 U	0.0218 U	0.00841 U	0.00776 U	0.00751 U	0.00834 U	0.00782 U	0.00826 U	0.00819 U
NITROBENZENE	0.0225 U	0.0223 U	0.0221 U	0.021 U	0.0194 U	0.0188 U	0.0208 U	0.0196 U	0.0207 U	0.0205 U
O-TOLUIDINE	0.0271 U	0.0268 U	0.0265 U	0.0465 J	0.0233 U	0.0273 J	0.025 U	0.0235 U	0.0248 U	0.0246 U
PENTACHLOROBENZENE	0.0421 U	0.04165 U	0.0412 U	0.0392 U	0.0362 U	0.0351 U	0.0389 U	0.0365 U	0.0386 U	0.0382 U
PENTACHLOROPHENOL	0.231 U	0.229 U	0.227 U	0.216 U	0.199 UJ	0.193 U	0.214 UJ	0.201 U	0.212 U	0.21 UJ
PHENANTHRENE	0.0451 U	0.04465 U	0.0442 U	0.042 U	0.0388 U	0.0376 U	0.0417 U	0.0391 U	0.0413 U	0.041 U
PHENOL	0.0511 U	0.0506 U	0.0501 U	0.0476 U	0.044 UJ	0.0426 U	0.0473 UJ	0.0443 U	0.0468 U	0.0464 UJ
PYRENE	0.0271 U	0.0268 U	0.0265 U	0.0252 U	0.0233 U	0.0225 U	0.025 U	0.0476 J	0.0248 U	0.0246 U
Pesticides/PCBs (MG/KG)										
4,4'-DDD	0.000759 U	0.000763 U	0.000765 U	0.000691 U	0.000638 U	0.000686 U	0.000755 U	0.000638 U	0.000688 U	0.000722 U
4,4'-DDE	0.000745 U	0.000749 U	0.000751 U	0.000678 U	0.00477	0.000674 U	0.000741 U	0.000626 U	0.000675 U	0.000709 U
4,4'-DDT	0.000998 U	0.001004 U	0.00101 U	0.000908 U	0.000839 U	0.000903 U	0.000993 U	0.000839 U	0.000904 UJ	0.00095 U
ALDRIN	0.000604 U	0.000607 U	0.000609 U	0.00055 U	0.000508 U	0.000547 U	0.000601 U	0.000508 U	0.000547 U	0.000575 U
ALPHA-BHC	0.000745 U	0.000749 U	0.000751 U	0.000678 U	0.000626 U	0.000674 U	0.000741 U	0.000626 U	0.000675 U	0.000709 U
ALPHA-CHLORDANE	0.000604 U	0.000607 U	0.000609 U	0.00055 U	0.000508 U	0.000547 U	0.000601 U	0.000508 U	0.000547 U	0.000575 U
AROCLOR-1016	0.00984 U	0.00988 U	0.00992 U	0.00896 U	0.00827 U	0.0089 U	0.00979 U	0.00827 U	0.00891 U	0.00937 U
AROCLOR-1221	0.00984 U	0.00988 U	0.00992 U	0.00896 U	0.00827 U	0.0089 U	0.00979 U	0.00827 U	0.00891 U	0.00937 U
AROCLOR-1232	0.00984 U	0.00988 U	0.00992 U	0.00896 U	0.00827 U	0.0089 U	0.00979 U	0.00827 U	0.00891 U	0.00937 U
AROCLOR-1242	0.00984 U	0.00988 U	0.00992 U	0.00896 U	0.00827 U	0.0089 U	0.00979 U	0.00827 U	0.00891 U	0.00937 U
AROCLOR-1248	0.00984 U	0.00988 U	0.00992 U	0.00896 U	0.00827 U	0.0089 U	0.00979 U	0.00827 U	0.00891 U	0.00937 U
AROCLOR-1254	0.00984 U	0.00988 U	0.00992 U	0.00896 U	0.00827 U	0.0089 U	0.00979 U	0.00827 U	0.00891 U	0.00937 U
AROCLOR-1260	0.00984 U	0.00988 U	0.00992 U	0.00896 U	0.00827 U	0.0089 U	0.00979 U	0.00827 U	0.00891 U	0.00937 U
BETA-BHC	0.000913 U	0.000918 U	0.000921 U	0.000832 U	0.000768 U	0.000826 U	0.000909 U	0.000768 U	0.000828 U	0.00087 U
DELTA-BHC	0.000829 U	0.000833 U	0.000836 U	0.000755 U	0.000697 U	0.00075 U	0.000825 U	0.000697 U	0.000751 UJ	0.000789 U
DIELDRIN	0.000843 U	0.000847 U	0.00085 U	0.000768 U	0.000709 U	0.000763 U	0.000839 U	0.000709 U	0.000764 U	0.000803 U
ENDOSULFAN I	0.000759 U	0.000763 U	0.000765 U	0.000691 U	0.000638 U	0.000686 U	0.000755 U	0.000638 U	0.000688 U	0.000722 U
ENDOSULFAN II	0.000604 U	0.000607 U	0.000609 U	0.00055 U	0.000508 U	0.000547 U	0.000601 U	0.000508 U	0.000547 U	0.000575 U
ENDOSULFAN SULFATE	0.000857 U	0.000861 U	0.000864 U	0.00078 U	0.000721 U	0.000775 U	0.000853 U	0.000721 U	0.000777 U	0.000816 U
ENDRIN	0.00097 U	0.000974 U	0.000977 U	0.000883 U	0.000815 U	0.000877 U	0.000965 U	0.000815 U	0.000879 UJ	0.000923 U
ENDRIN ALDEHYDE	0.000871 U	0.000875 U	0.000878 U	0.000793 U	0.000733 U	0.000788 U	0.000867 U	0.000733 U	0.000789 U	0.00083 U
GAMMA-BHC (LINDANE)	0.000717 U	0.00072 U	0.000722 U	0.000653 U	0.000603 U	0.000648 U	0.000713 U	0.000603 U	0.000649 U	0.000682 U
GAMMA-CHLORDANE	0.00066 U	0.000663 U	0.000666 U	0.000601 U	0.000555 U	0.000597 U	0.000657 U	0.000555 U	0.000598 U	0.000629 U
HEPTACHLOR	0.000857 U	0.000861 U	0.000864 U	0.00078 U	0.000721 U	0.000775 U	0.000853 U	0.000721 U	0.000777 UJ	0.000816 U
HEPTACHLOR EPOXIDE	0.00066 U	0.000663 U	0.000666 U	0.000601 U	0.000555 U	0.000597 U	0.000657 U	0.000555 U	0.000598 U	0.000629 U
METHOXYCHLOR	0.00107 U	0.001075 U	0.00108 U	0.000972 U	0.000898 U	0.000966 U	0.00106 U	0.000898 U	0.000968 UJ	0.00102 U
PENTACHLORONITROBENZENE	0.000703 U	0.000706 U	0.000708 U	0.00064 U	0.000591 U	0.000636 U	0.000699 U	0.000591 U	0.000637 U	0.000669 U
TOXAPHENE	0.00843 U	0.008465 U	0.0085 U	0.00768 U	0.00709 U	0.00763 U	0.00839 U	0.00709 U	0.00764 U	0.00803 U
Inorganics (MG/KG)										
ALUMINUM	46400	45500	44600	54700	46400	42800	30400	35800	43000 J	35000
ANTIMONY	0.61	0.5925	0.575	0.456	1.04	0.453	0.451	0.511	0.713	0.534
ARSENIC	14.3	13.95	13.6	15.9	11.2	11.8	11.3	11.4	12.7	12.3
BARIUM	332	331.5	331	424	386	343	236	271	405 J	271
BERYLLIUM	5.82	5.62	5.42	6.62	4.76	5.52	3.43	4.01	4.45	4.55
CADMIUM	0.576	0.5205	0.465	0.321	0.306	0.34	0.1	0.117	0.584	0.134
CHROMIUM	5.41	6.065	6.72	5.44	11.8	7.37	4.82	15.2	6.38	7.06

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 06
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0198	0198	0198	0838	1363	1364	1866	2080	2081	2082
Sample ID	0198SS0010006	0198SS0010006-AVG	0198SS0010006-D	0838SS0010006	1363SS0010006	1364SS0010006	1866SS0010006	2080SS0010006	2081SS0010006	2082SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090110	20090110	20090110	20081118	20090217	20081120	20090124	20090203	20090122	20090123
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6113615202297	6113615202297	6113615202297	6111208902235	6111802504115	6112002902109	6111216600138	6112408104270	6112413602070	6112407402010
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
COBALT	6.9	7.085	7.27	6.32	7.18	6.18	4.74	8.66	7.09	5.86
COPPER	30.4	32.45	34.5	21.4	52	40.8	23.3	33.3	53.3	26.1
IRON	22800	22400	22000	26000	24200	23100	17200	21500	23800 J	17800
LEAD	39.7	41.45	43.2	39.9	70.3	43	26.6	32.6	47.8	37.7
MANGANESE	663	694.5	726	734	798	666	536	805	628 J	574
MERCURY	0.092 U	0.09455 U	0.0971 U	0.103 U	0.142	0.109	0.101 U	0.106 U	0.1 U	0.0993 U
NICKEL	7.64	8	8.36	6.14	9.73	8.62	3.98	14.5	6.27	5.95
SELENIUM	0.165	0.177	0.189	0.702 U	0.254	0.185	0.0968	0.0811 U	0.135	0.116
SILVER	0.11	0.116	0.122	0.15	0.277	0.205	0.132	0.101 U	0.126	0.13
THALLIUM	2.02	2.16	2.3	2.07	2.26 U	0.398	1.24 U	1.03	1.56	1.72
TIN	3.39	3.4	3.41	3.68	5.02	3.11	1.99	2.93	4.27	2.3
VANADIUM	50.8	50.6	50.4	50.5	46.2	47.6	32.9	38	48.5	32.4
ZINC	71.4	74.3	77.2	67.4	102	82.8	47.5	58.1	86	54.8
Miscellaneous Parameters (MG/KG)										
CYANIDE	0.181 U	0.175 J	0.175 J	0.17 U	0.152 U	0.158	0.167 U	0.157 U	0.161 U	0.163 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 7

SOIL GAS DATA
WATER DATA
SOIL DATA

STUDY AREA 07
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0104	0459	1370	1633	1635	1749	1810	1911	1923	1926	2023	2077	2113
Sample ID	0104SG001	0459SG001	1370SG001	1633SG001	1635SG001	1749SG001	1810SG001	1911SG001	1923SG001	1926SG001	2023SG001	2077SG001	2113SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090127	20090116	20090109	20090212	20090403	20090124	20090123	20090409	20090410	20090703	20090109	20090205	20090320
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07
Premise ID	6322560201502	6132216806117	6130020504169	6129403042071	6130312502116	6130609502010	6354507102147	6132717302139	6113329508240	6112715700003	6113361002162	6130306904204	6113005702101
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)													
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.986	0.15 U	0.15 U	0.87	0.15 U	0.15 U	1.16	0.529	0.15 U	0.194 J	0.15 U	0.15 U	0.174 J
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.427	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.651	0.64	0.671	2.39	0.712	0.598	0.836	0.655	0.71	0.77	0.628	0.577	0.776
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	3.82	0.4 U	0.4 U	0.404 J	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	5.52	0.19 U	0.19 U	2.45	0.19 U	0.19 U	0.19 U
1,2,4-TRIMETHYLBENZENE	0.597	7.56	0.573	0.05 U	0.527	0.85	0.932	0.668	0.05 U	0.744	0.408	0.326	8.29
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.1 U	0.1 U	0.64	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1.04	0.1 U	0.1 U	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	1.68	2.54	4.37	6.22	0.09 U	8.03	1.95	0.09 U	0.09 U	0.159 U	4.68	0.09 U	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.127 J	1.91	0.208	0.05 U	0.173 J	0.193 J	0.248	0.05 U	0.05 U	0.544	0.155 J	0.05 U	0.05 U
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.679 J	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.967	0.09 U	0.09 U	0.09 U
1,4-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.9	0.09 U	0.09 U	0.09 U
2-BUTANONE	0.782	37.7	10.9	1.31	1.84	0.963	3.44	0.33 U	2.23	1.26	1.98	1.53	20.5
ACETONE	5.12	140	257	11.3	13.1	10.4	14	3.68	10.8	6.75	90.9	18.1	64.4
ACETONITRILE	0.38 U	0.38 U	2.73	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.746 J	0.38 U	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.42 J	2.02 J	1.02 U	1.02 U	1.02 U
ACROLEIN	0.766 J	0.41 U	0.41 U	0.559 J	0.41 U	1.4	1.93	0.41 U	0.41 U	0.792 J	1.07	0.41 U	7.22
ACRYLONITRILE	0.2 U	0.2 U	0.813	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.444	4.54	2.17	0.293	0.982	1.19	3.33	0.03 U	0.925	2.33	1.72	0.617	2.12
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	0.442	2.74	1.55	1.3	0.273	1.45	1.42	0.1 U	0.1 U	0.12 J	1.25	0.24	0.507
CARBON TETRACHLORIDE	0.212 J	0.564	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.415 U	0.205 J	0.13 U	0.509
CHLOROBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.359	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	1.66	1.07	8.18	0.308	0.11 U	0.196 J	0.11 U	4.04	5.21	0.403 U	0.11 U	8.6	4.27
CHLOROMETHANE	0.232	0.585	0.299	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.248 J	1.73	0.11 U	0.11 U	0.11 U	0.198 J	0.26 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.231 J	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2.15	2.29	2.36	4.23	2.26	3.31	14.4	0.18 U	2.3	3.26	2.32	1.91	2.49
ETHYLBENZENE	0.533	4.22	0.501	0.03 U	4.03	1.14	0.642	2.58	0.03 U	47.2	0.432	0.424	5.66
HEXACHLOROBUTADIENE	0.334 J	0.24 U	0.24 U	0.24 U	0.24 U	0.437 J	0.545	0.24 U	0.24 U	2.34	0.24 U	0.24 U	0.24 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	0.696	2.55	0.17 U	0.538	0.17 U	0.852	1.18	0.17 U	0.9	0.17 U	0.212 J	2.3	0.716
ISOBUTANOL	1.97	14.6	0.46 U	0.46 U	0.46 U	1.48	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.07 U	0.902	0.206	0.07 U	0.07 U	0.07 U	0.25	0.07 U	0.07 U	1.67	0.139 J	0.07 U	0.07 U
M+P-XYLENES	0.829	7.03	1.03	0.444	3.09	1.25	1.18	1.43	0.09 U	38.5	0.861	0.42	0.09 U
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.758
METHYL CYCLOHEXANE	0.08 U	4.34	0.275	0.08 U	0.08 U	0.08 U	0.558	0.08 U	0.08 U	0.08 U	0.159 J	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	1.13
METHYLENE CHLORIDE	0.535	0.972	0.08 U	0.08 U	0.08 U	0.222	0.201	0.08 U	0.08 U	0.08 U	0.08 U	0.219	0.08 U
O-XYLENE	0.429	3.06	0.468	0.213	1.23	0.522	0.687	0.06 U	0.06 U	27.8	0.444	0.211	0.06 U
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	10.8	4.21	0.561	0.07 U	22.4	1	0.07 U	10.7	0.07 U	151	0.07 U	7.2	31.1
TETRACHLOROETHENE	4.54	3.24	3.28	19.9	18	3	6.53	1.96 J	3.34	4.51	2.48 J	17.5	7.76
TOLUENE	1.86	8.27	7.5	0.67	2.28	3.31	3.71	0.412	0.963	2.01	2.91	1.51	5.77
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.08 U	1.11	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.321	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	2.12	1.75	1.96	6.13	3.75	15.6	77.9	18.2	3.93	1.92	87.1	6.81	3.97
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 07
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	2114	2115	2116	2117	2117	2117	2118	2130	2150	2154	2156	EV50	EV51	EV52
Sample ID	2114SG001	2115SG001	2116SG001	2117SG001	2117SG001-AVG	2117SG001-D	2118SG001	2130SG001	2150SG001	2154SG001	2156SG001	EV50SG001	EV51SG001	EV52SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO	PARCO
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090404	20090325	20090326	20090331	20090331	20090331	20090331	20090331	20090423	20090428	20090504	20090512	20090520	20090526
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	PARCO EVA	PARCO EVA	PARCO EVA
Premise ID	6130008702315	6129714502305	6130306904116	6132719902152	6132719902152	6132719902152	6130003702113	6130315202113	6130311510114	6113111301102	6132723804156	NA	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)														
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.15 U	0.425	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.557	0.26 J	0.284 J	0.15 U	0.664	0.35
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.643	0.965	1.08	0.789	0.864	0.939	0.689	0.873	1.38	0.933	0.858	0.922	0.837	0.785
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.574 J	0.863	0.4 U	0.622 J	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 U	0.19 U	2.97	0.69	0.5795	0.469	0.19 U	0.19 U	0.19 U	1.02 U	1.67 U	0.19 U	1.28 J	0.19 U
1,2,4-TRIMETHYLBENZENE	0.05 U	2.09	2.4	0.05 U	0.05 U	0.05 U	0.05 U	0.241	0.483	7.63	0.677	0.05 U	0.05 U	0.05 U
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.449	0.1 U	0.1 U	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0888 J	0.05 U	1.79	0.05 U	0.05 U	0.05 U	0.05 U
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	1.4	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.09 U
1,4-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.47	0.09 U	0.09 U	0.09 UJ	0.09 U
2-BUTANONE	0.873	1.52	4.3	1.83	1.98	2.13	1.18	0.886	1.26	119	1.04	1.3	5.58	0.877
ACETONE	3.97	18.6	17.4	19.2	20.4	21.6	16.9	6.99	9.3	1030	4.8	6.53	16.4	4.42
ACETONITRILE	0.38 U	0.38 U	0.66 J	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.65 J	1.02 U	6.17	2.83	2.38	2.23	4.57	1.11 J
ACROLEIN	1.18	0.41 U	2.12	0.41 UJ	1.9275 J	3.65 J	0.41 U	0.41 U	0.41 U	4.76	0.885	2.95	3.17	1.39
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.63	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.03 U	10.5	10.5	0.03 U	0.1485	0.282	2.98	0.03 U	1.17	21.8	0.363	0.239	0.986	1.21
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.637	0.15 U	0.293 J	0.15 U	0.15 U	0.15 U	0.897
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	0.469	3.01	1.85	0.591	0.5635	0.536	0.636	2.54	1.02	6.47	0.277	0.1 U	0.196 J	0.316
CARBON TETRACHLORIDE	0.13 U	0.573	0.461	0.13 U	0.13 U	0.13 U	0.422	0.13 U	0.251 J	0.751	0.163 J	0.13 U	0.237 J	0.13 U
CHLOROBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.429	0.199 J	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.269	0.11 U	0.339	0.371	0.213	0.11 U	0.11 U	36	1.34	0.846	0.11 U	0.518	0.975	36.4
CHLOROMETHANE	0.07 U	1.29	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	47.4	0.07 U	0.113 J	0.07 U	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.11 U	2.88	0.561	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	6.54	0.175 J	0.11 U	0.11 U	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.621	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2.34	8.04	3.37	4.64	4.49	4.34	2.12	7.07	2.94	0.18 U	1.59	6.12	2.53 J	1.66
ETHYLBENZENE	0.562	25.5	15	0.03 U	0.126	0.237	37.2	0.301	10.5	18.3	1.04	0.03 U	4.57	45
HEXACHLOROBUTADIENE	0.24 U	0.24 U	2.7	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.3 U	0.24 U	0.24 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	0.17 U	4.4	2.08	0.805	0.9025	1	0.185 J	0.17 U	0.611	6.05	0.337	0.314	0.278 J	0.17 U
ISOBUTANOL	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	6.51	0.46 U	0.46 U	0.584 J	0.46 U
ISOPROPYLBENZENE	0.07 U	1.2	0.07 U	0.07 U	0.07 U	0.07 U	2.85	0.07 UJ	0.07 U	2.66	0.242	0.07 U	0.07 U	2.38
M+P-XYLENES	0.45	12.7	10.6	0.272 J	0.4675 J	0.663 J	77.4	0.682	6.14	14.5	0.89	0.09 U	3.31	26.1
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.08 U	4.39	0.08 U	0.08 UJ	2.785 J	5.53 J	0.08 U	0.08 U	0.58	11.6	0.08 U	0.08 U	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	4.35	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.08 U	0.08 U	0.27	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	1.18	3.3	0.313	0.08 U	0.08 U	0.685
O-XYLENE	0.06 U	6.55	0.06 U	0.06 U	0.06 U	0.06 U	31.8	0.06 U	3.19	7.53	0.447	0.06 U	1.7	15.8
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U
STYRENE	1	164	32.6	0.07 U	0.07 U	0.07 U	379	1.88	50.6	11.1	2.77	0.297	33	44.3
TETRACHLOROETHENE	2.24 J	2.09 J	1.45 U	2.97	2.965	2.96	1.95 J	1.61 J	38.3	2 J	5.17	6.12	343	118
TOLUENE	0.297	19.3	13.7	0.339 J	1.1095 J	1.88 J	4.69	0.382	2.95	34.8	0.469	0.492	0.835	1.5
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.343	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.495	0.27	0.08 U	0.08 U	0.626	0.641
TRICHLOROFLUOROMETHANE	1.81	15.9	2.98	163	162	161	1.99	3.32	2.73	2.66	1870	3	2.74	1.93
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 07
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0104	0459	1370	1633	1635	1749	1805	1810	1851	1911	1923	1926	1926	2023	2075
Sample ID	0104TW001	0459TW001	1370TW001	1633TW001	1635TW001	1749TW001	1805TW001	1810TW001	1851TW001	1911TW001	1923TW001	1926TW001	1926TW002	2023TW001	2075TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	PHASE II	PHASE II	PHASE II
Sample Date	20090127	20090116	20081218	20081203	20090403	20090124	20080930	20081003	20081018	20081124	20081202	20081211	20090703	20090109	20090123
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 08
Premise ID	6322560201502	6132216806117	6130020504169	6129403042071	6130312502116	6130609502010	6353509304247	6354507102147	6132723808371	6132717302139	6113329508240	6112715700003	6112715700003	6113361002162	6132511222105
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)															
1,2,3,4,6,7,8,9-OCDD	0.0035 U	0.0045 U	0.0024 U	0.0059 U	0.0043 U	0.0057 U	0.0091 U	0.0069 U	0.0059 U	0.0025 U	0.0034 U	0.0037 U		0.0044 U	0.0038 U
1,2,3,4,6,7,8,9-OCDF	0.00079 U	0.00064 U	0.0006 J	0.0009 U	0.00098 U	0.00164 U	0.003 U	0.012 U	0.0025 U	0.001101 U	0.0017 U	0.00062 U		0.00069 U	0.001402 U
1,2,3,4,6,7,8-HPCDD	0.0012 U	0.0016 U	0.0013 U	0.0017 U	0.001 U	0.0026 U	0.0027 U	0.003537 U	0.0015 J	0.0027 U	0.0012 U	0.000691 U		0.0012 U	0.0015 U
1,2,3,4,6,7,8-HPCDF	0.00093 U	0.00071 U	0.00053 U	0.00072 U	0.00083 U	0.00087 U	0.0021 U	0.0015 U	0.00081 U	0.00035 U	0.0012 U	0.00043 U		0.00043 U	0.00059 U
1,2,3,4,7,8,9-HPCDF	0.000262 U	0.00038 J	0.00029 UJ	0.00042 U	0.000333 U	0.00048 U	0.001138 U	0.0016 U	0.000254 U	0.00035 U	0.000401 U	0.000333 U		0.000331 U	0.00024 U
1,2,3,4,7,8-HXCDD	0.00024 U	0.00036 U	0.00046 UJ	0.0003 U	0.00029 U	0.00048 U	0.001 U	0.0012 U	0.00064 U	0.0005 J	0.000653 U	0.00048 U		0.00043 U	0.00055 U
1,2,3,4,7,8-HXCDF	0.00024 U	0.00043 J	0.00046 U	0.00057 U	0.00045 J	0.00031 U	0.00045 U	0.001034 U	0.00031 U	0.00043 U	0.00045 U	0.00031 U		0.00031 U	0.00029 U
1,2,3,6,7,8-HXCDD	0.00019 U	0.00031 U	0.00039 UJ	0.00025 U	0.000214 U	0.00041 U	0.000854 U	0.00099 U	0.000534 U	0.00068 U	0.000552 U	0.00041 U		0.00045 U	0.00048 U
1,2,3,6,7,8-HXCDF	0.00036 U	0.00043 U	0.00017 UJ	0.00035 U	0.00031 U	0.00026 U	0.00045 U	0.00087 U	0.00028 U	0.00035 U	0.00038 U	0.000262 U		0.00026 U	0.00031 U
1,2,3,7,8,9-HXCDD	0.00017 U	0.00031 U	0.00039 UJ	0.00025 U	0.00033 U	0.00041 U	0.00088 U	0.0022 U	0.00056 U	0.00063 J	0.000552 U	0.00041 U		0.00031 U	0.00048 U
1,2,3,7,8,9-HXCDF	0.00019 J	0.00038 U	0.00022 UJ	0.0003 U	0.00031 U	0.00034 U	0.00043 U	0.0012 U	0.00046 J	0.00048 U	0.00028 U	0.00036 U		0.000354 U	0.00031 U
1,2,3,7,8-PECDD	0.00031 U	0.00047 U	0.000605 UJ	0.00082 U	0.00079 U	0.00101 U	0.000664 U	0.000794 U	0.000534 U	0.00063 U	0.00073 U	0.00062 U		0.00038 U	0.00086 J
1,2,3,7,8-PECDF	0.00048 U	0.00064 U	0.0006 U	0.00057 U	0.00024 U	0.00067 U	0.00045 U	0.000553 U	0.000432 U	0.00038 U	0.0006 U	0.00026 U		0.00064 U	0.000214 U
2,3,4,6,7,8-HXCDF	0.000143 U	0.00033 U	0.00039 U	0.00027 U	0.00024 U	0.00031 J	0.00045 U	0.0011 J	0.00031 U	0.00043 U	0.00048 U	0.00031 U		0.00031 U	0.00029 U
2,3,4,7,8-PECDF	0.001 U	0.00073 J	0.0006 U	0.00047 J	0.00064 U	0.0007 U	0.00085 U	0.00058 U	0.00074 U	0.00043 U	0.000552 U	0.00055 U		0.000662 U	0.00024 U
2,3,7,8-TCDD	0.000334 U	0.00031 U	0.00036 U	0.00025 U	0.00029 U	0.00043 U	0.00062 U	0.000553 U	0.00041 U	0.0005 U	0.000301 U	0.000214 U		0.00031 U	0.00029 J
2,3,7,8-TCDF	0.00091 U	0.00021 U	0.00044 U	0.00025 U	0.00064 U	0.00019 U	0.00071 U	0.00048 U	0.00043 U	0.00045 U	0.00043 U	0.00019 U		0.00024 U	0.000214 U
TEQ	0.000019	0.000266	1.8E-07	0.000141	0.000045	0.000031	0.00062 U	0.00011	0.000061	0.000113	0.000301 U	0.000214 U		0.00031 U	0.00115
TOTAL HPCDD	0.0018 J	0.0027 J	0.0013 J	0.0017 J	0.0016 J	0.0026 J	0.0027 J	0.003537 U	0.0015 J	0.0027 J	0.0012 J	0.000691 U		0.0012 J	0.0015 J
TOTAL HPCDF	0.0017 J	0.0016 J	0.0007 J	0.0015 J	0.0018 J	0.001 J	0.0044 J	0.0031 J	0.0021 J	0.00063 U	0.0023 J	0.00071 J		0.00057 U	0.00078 J
TOTAL HXCDD	0.0006 J	0.00097 U	0.001234 UJ	0.0008 U	0.00074 J	0.0013 U	0.002728 U	0.0044 J	0.001731 U	0.0018 J	0.0018 U	0.0013 U		0.0011 J	0.0015 U
TOTAL HXCDF	0.00091 J	0.0013 U	0.0011 J	0.0014 J	0.0013 J	0.00123 U	0.0017 J	0.004114 U	0.0019 J	0.0017 U	0.0015 J	0.001239 U		0.001229 U	0.001117 U
TOTAL PECDD	0.00031 J	0.00047 J	0.000605 UJ	0.00082 U	0.00079 U	0.00101 U	0.000664 U	0.000794 U	0.000534 U	0.00063 U	0.0087	0.00062 U		0.00038 U	0.00086 J
TOTAL PECDF	0.0015 J	0.0013 U	0.0012 J	0.001 J	0.00081 J	0.0014 U	0.0013 J	0.001131 U	0.00089 J	0.00075 U	0.001105 U	0.00081 J		0.0013 U	0.00043 J
TOTAL TCDD	0.0012 J	0.00092 U	0.000653 UJ	0.00075 U	0.0012 J	0.0013 U	0.0019 U	0.0017 U	0.001222 U	0.001501 U	0.000904 U	0.000643 U		0.000922 U	0.000784 U
TOTAL TCDF	0.0013 J	0.00043 U	0.00051 J	0.00045 U	0.00086 J	0.00039 U	0.0012 J	0.0006 J	0.0011 J	0.000901 U	0.00055 J	0.000333 U		0.00043 U	0.00043 U
Volatile Organics (UG/L)															
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 UJ	0.11 U	0.1 U	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U		0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 UJ	0.17 U	0.1 U	0.1 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U		0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 UJ	0.05 U	0.08 U	0.08 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 UJ	0.11 U	0.1 U	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U		0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 UJ	0.2 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 UJ	0.13 U	0.14 U	0.14 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 UJ	0.12 U	0.1 U	0.1 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U		0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 UJ	0.13 U	0.1 U	0.1 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 UJ	0.13 U	0.1 U	0.1 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.1 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 UJ	0.06 U	0.06 U	0.06 UJ	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 UJ	0.25 U	0.2 U	0.2 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U		0.2 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 UJ	0.09 U	0.1 U	0.1 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U		0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 UJ	0.07 U	0.08 U	0.08 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.08 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 UJ	0.08 U	0.1 U	0.1 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 UJ	0.15 U	0.1 U	0.1 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U		0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 UJ	0.2 UJ	0.4 U	0.2 U	0.2 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 UR	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 UJ	0.11 U	0.1 U	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U		0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 UJ	0.07 U	0.1 U	0.1 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U
2-BUTANONE	2 U	2 UJ	2 UJ	1.6 U	2 U	2 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U		2 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 UJ	0.12 U	0.1 U	0.1 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U		0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 UJ	0.13 U	0.1 U	0.1 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 UJ	0.1 U	0.07 U	0.07 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 UJ	0.1 U	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.11 U	0.11 U
ACETONE	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 UJ	0.4 U	1.3 U	1.3 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		1.3 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 UJ	0.05 U	0.11 U	0.11 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.195 J	0.12 U	0.1 U	0.159 J	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U		0.1 U	0.1 U
BROMOFORM	0.06 U	3.01	2.39 J	3.98	3.27	2.29	0.06 U	0.06 U	2.99	2.61	3.59	3.94		2.72	2.77
BROMOMETHANE	0.5 U	0.5 U	0.5 UJ	0.37 U	0.5 U	0.5 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U		0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 UJ	0.12 U	0.1 U	0.1 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U		0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.1 U	0.637	1.49 J	1.73	0.494 J	0.692	0.14 U	0.14 U	0.392 J	1.21	1.71	0.35 J		0.304 J	0.562
CHLOROETHANE	0.3 U	0.3 U	0.3 UJ	0.18 U	0.3 U	0.3 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U		0.3 U	0.3 U
CHLOROFORM	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.09 U	0.373	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U		0.09 U	0.09 U
CHLOROMETHANE	0.2 U	0.2 U	0.2 UJ	0.21 U	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U		0.2 U	0.2 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 07
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0104	0459	1370	1633	1635	1749	1805	1810	1851	1911	1923	1926	1926	2023	2075
Sample ID	0104TW001	0459TW001	1370TW001	1633TW001	1635TW001	1749TW001	1805TW001	1810TW001	1851TW001	1911TW001	1923TW001	1926TW001	1926TW002	2023TW001	2075TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	PHASE II	PHASE II	PHASE II
Sample Date	20090127	20090116	20081218	20081203	20090403	20090124	20080930	20081003	20081018	20081124	20081202	20081211	20090703	20090109	20090123
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 08
Premise ID	6322560201502	6132216806117	6130020504169	6129403042071	6130312502116	6130609502010	6353509304247	6354507102147	6132723808371	6132717302139	6113329508240	6112715700003	6112715700003	6113361002162	6132511222105
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 UJ	0.13 U	0.1 U	0.1 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 UJ	0.15 U	0.1 U	0.1 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U		0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 UJ	0.12 U	0.14 U	0.14 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U		0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 UJ	0.06 U	0.08 U	0.08 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		0.08 U	0.08 U
M+P-XYLENES	0.1 U	0.1 U	0.1 UJ	0.09 U	0.1 U	0.1 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U		0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 UJ	0.11 U	0.1 U	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U		0.1 U	0.1 U
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 UJ	0.69 U	0.2 U	0.2 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U		0.2 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 UJ	0.05 U	0.07 U	0.07 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 UJ	0.04 U	0.06 U	0.06 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U		0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 UR	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 UJ	0.19 U	0.1 U	0.1 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U		0.1 U	0.1 U
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 UJ	0.204 J	0.1 U	0.1 U	0.184 J	0.07 U	0.07 U	0.07 U	0.104 J	0.805 J		0.1 U	0.1 U
TOLUENE	0.1 U	0.1 U	0.1 UJ	0.17 U	0.1 U	0.1 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.839 J		0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 UJ	0.15 U	0.11 U	0.11 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U		0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 UJ	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 UJ	0.19 U	0.1 U	0.1 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U		0.1 U	0.1 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 UJ	0.15 U	0.1 U	0.1 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U		0.1 U	0.1 U
Semivolatile Organics (UG/L)															
1,1-BIPHENYL		0.191 U	0.192 U	0.201 U		0.191 U	0.189 U	0.189 U	0.197 U	0.197 U	0.202 U	0.193 U		0.189 U	0.19 U
1,2,4,5-TETRACHLOROBENZENE		0.191 U	0.192 U	0.201 U		0.191 U	0.193 U	0.197 U	0.197 U	0.197 U	0.202 U	0.193 U		0.189 U	0.19 U
2,3,4,6-TETRACHLOROPHENOL		0.286 UJ	0.289 UR	0.301 UJ		0.287 UR	0.289 U	0.295 U	0.296 U	0.295 UR	0.304 UJ	0.289 U		0.283 U	0.285 UJ
2,4,5-TRICHLOROPHENOL		0.477 UJ	0.481 UR	0.502 UJ		0.478 UR	0.481 U	0.492 U	0.493 U	0.492 UR	0.506 UJ	0.482 U		0.472 U	0.476 UJ
2,4,6-TRICHLOROPHENOL		0.477 UJ	0.481 UR	0.502 UJ		0.478 UR	0.481 U	0.492 U	0.493 U	0.492 UR	0.506 UJ	0.482 U		0.472 U	0.476 UJ
2,4-DICHLOROPHENOL		0.668 UJ	0.674 UR	0.703 UJ		0.669 UR	0.674 U	0.689 U	0.691 U	0.688 UR	0.708 UJ	0.675 U		0.661 U	0.666 UJ
2,4-DIMETHYLPHENOL		0.955 UJ	0.962 UR	1 UJ		0.956 UR	0.963 U	0.985 U	0.987 U	0.984 UR	1.01 UJ	0.965 U		0.945 U	0.951 UJ
2,4-DINITROPHENOL		0.286 UJ	0.289 UR	0.301 UJ		0.287 UR	0.289 U	0.295 U	0.296 U	0.295 UR	0.304 UJ	0.289 U		0.283 U	0.285 UJ
2,4-DINITROTOLUENE		0.955 U	0.962 U	1 U		0.956 U	0.963 U	0.985 U	0.987 U	0.984 U	1.01 U	0.965 U		0.945 U	0.951 U
2,6-DICHLOROPHENOL		0.764 UJ	0.77 UR	0.803 UJ		0.765 UR	0.77 U	0.788 U	0.789 U	0.787 UR	0.81 UJ	0.772 U		0.756 U	0.761 UJ
2,6-DINITROTOLUENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
2-CHLORONAPHTHALENE		0.191 U	0.192 U	0.201 U		0.191 U	0.193 U	0.197 U	0.197 U	0.197 U	0.202 U	0.193 U		0.189 U	0.19 U
2-CHLOROPHENOL		0.859 UJ	0.866 UR	0.903 UJ		0.86 UR	0.867 U	0.886 U	0.888 U	0.885 UR	0.911 UJ	0.868 U		0.85 U	0.856 UJ
2-METHYLNAPHTHALENE		0.191 U	0.192 U	0.201 U		0.191 U	0.193 U	0.197 U	0.197 U	0.197 U	0.202 U	0.193 U		0.189 U	0.19 U
2-METHYLPHENOL		0.668 UJ	0.674 UR	0.703 UJ		0.669 UR	0.674 U	0.689 U	0.691 U	0.688 UR	0.708 UJ	0.675 U		0.661 U	0.666 UJ
2-NITROPHENOL		0.859 UJ	0.866 UR	0.903 UJ		0.86 UR	0.867 U	0.886 U	0.888 U	0.885 UR	0.911 UJ	0.868 U		0.85 U	0.856 UJ
3&4-METHYLPHENOL		1.15 UJ	1.15 UR	1.2 UJ		1.15 UR	1.16 U	1.18 U	1.18 U	1.18 UR	1.21 UJ	1.16 U		1.13 U	1.14 UJ
3-NITROANILINE		0.955 U	0.962 U	1 U		0.956 U	0.963 U	0.985 U	0.987 U	0.984 U	1.01 U	0.965 U		0.945 U	0.951 U
4,6-DINITRO-2-METHYLPHENOL		0.191 UJ	0.192 UR	0.201 UJ		0.191 UR	0.193 U	0.197 U	0.197 U	0.197 UR	0.202 UJ	0.193 U		0.189 U	0.19 UJ
4-BROMOPHENYL PHENYL ETHER		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
4-CHLORO-3-METHYLPHENOL		0.573 UJ	0.577 UR	0.602 UJ		0.574 UR	0.578 U	0.591 U	0.592 U	0.59 UR	0.607 UJ	0.579 U		0.567 U	0.571 UJ
4-CHLOROANILINE		0.955 U	0.962 U	1 U		0.956 U	0.963 U	0.985 U	0.987 U	0.984 U	1.01 U	0.965 U		0.945 U	0.951 U
4-NITROANILINE		0.955 UJ	0.962 U	1 U		0.956 U	0.963 U	0.985 U	0.987 U	0.984 U	1.01 U	0.965 U		0.945 U	0.951 U
4-NITROPHENOL		0.286 UJ	0.289 UR	0.301 UJ		0.287 UR	0.289 U	0.295 U	0.296 U	0.295 UR	0.304 UJ	0.289 U		0.283 U	0.285 UJ
ACENAPHTHENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
ACENAPHTHYLENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
ANILINE		0.955 U	0.962 U	1 U		0.956 UJ	0.963 U	0.985 U	0.987 U	0.984 U	1.01 U	0.965 U		0.945 U	0.951 U
ANTHRACENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
ATRAZINE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
BAP EQUIVALENT		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
BENZO(A)ANTHRACENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
BENZO(A)PYRENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
BENZO(B)FLUORANTHENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
BENZO(G,H,I)PERYLENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
BENZO(K)FLUORANTHENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
BIS(2-ETHYLHEXYL)PHTHALATE		1.34 U	1.35 U	1.41 U		1.34 U	1.47 J	1.38 U	1.38 U	1.38 U	2.35 U	1.35 U		1.32 U	1.33 U
BUTYL BENZYL PHTHALATE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
CARBAZOLE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 UJ
CHRYSENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
DI-N-BUTYL PHTHALATE		1.24 U	1.25 U	1.3 U		1.24 U	1.25 U	1.28 U	1.28 U	1.28 U	1.32 U	1.25 U		1.23 U	1.24 U
DI-N-OCTYL PHTHALATE		0.191 U	0.192 U	0.201 U		0.191 U	0.193 U	0.197 U	0.197 U	0.197 U	0.202 U	0.193 U		0.189 U	0.19 U
DIBENZO(A,H)ANTHRACENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
DIBENZOFURAN		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
DIETHYL PHTHALATE		0.191 U	0.192 U	0.201 U		0.191 U	0.193 U	0.197 U	0.197 U	0.197 U	0.202 U	0.193 U		0.189 U	0.19 U
DIMETHYL PHTHALATE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
DIPHENYLAMINE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
FLUORANTHENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 07
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0104	0459	1370	1633	1635	1749	1805	1810	1851	1911	1923	1926	1926	2023	2075
Sample ID	0104TW001	0459TW001	1370TW001	1633TW001	1635TW001	1749TW001	1805TW001	1810TW001	1851TW001	1911TW001	1923TW001	1926TW001	1926TW002	2023TW001	2075TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	PHASE II	PHASE II	PHASE II
Sample Date	20090127	20090116	20081218	20081203	20090403	20090124	20080930	20081003	20081018	20081124	20081202	20081211	20090703	20090109	20090123
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 08
Premise ID	6322560201502	6132216806117	6130020504169	6129403042071	6130312502116	6130609502010	6353509304247	6354507102147	6132723808371	6132717302139	6113329508240	6112715700003	6112715700003	6113361002162	6132511222105
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
FLUORENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
HEXACHLOROBENZENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
HEXACHLOROBUTADIENE		0.191 U	0.192 U	0.201 U		0.191 U	0.193 U	0.197 U	0.197 U	0.197 U	0.202 U	0.193 U		0.189 U	0.19 U
HEXACHLOROCYCLOPENTADIENE		0.955 U	0.962 U	1 UJ		0.956 U	0.963 U	0.985 U	0.987 U	0.984 U	1.01 U	0.965 U		0.945 U	0.951 UJ
HEXACHLOROETHANE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
INDENO(1,2,3-CD)PYRENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
NAPHTHALENE		0.191 U	0.192 U	0.201 U		0.191 U	0.193 U	0.197 U	0.197 U	0.197 U	0.202 U	0.193 U		0.189 U	0.19 U
NITROBENZENE		0.191 U	0.192 U	0.201 U		0.191 U	0.193 U	0.197 U	0.197 U	0.197 U	0.202 U	0.193 U		0.189 U	0.19 U
O-TOLUIDINE		0.668 U	0.674 U	0.703 U		0.669 UJ	0.674 U	0.689 U	0.691 U	0.688 U	0.708 U	0.675 U		0.661 U	0.666 U
PENTACHLOROBENZENE		0.191 U	0.192 U	0.201 U		0.191 U	0.193 U	0.197 U	0.197 U	0.197 U	0.202 U	0.193 U		0.189 U	0.19 U
PENTACHLOROPHENOL		0.286 UJ	0.289 UR	0.301 UJ		0.287 UR	0.289 U	0.295 U	0.296 U	0.295 UR	0.304 UJ	0.289 U		0.283 U	0.285 UJ
PHENANTHRENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
PHENOL		0.955 UR	0.962 UJ	1 UR		0.956 UR	0.963 U	0.985 U	0.987 U	0.984 UR	1.01 UR	0.965 U		0.945 U	0.951 UR
PYRENE		0.0955 U	0.0962 U	0.1 U		0.0956 U	0.0963 U	0.0985 U	0.0987 U	0.0984 U	0.101 U	0.0965 U		0.0945 U	0.0951 U
Pesticides/PCBs (UG/L)															
4,4'-DDD		0.00306 U	0.00312 UJ	0.00314 U		0.00313 UJ	0.00319 U	0.00312 U	0.00309 U	0.00312 U	0.00318 U	0.00304 U		0.00305 U	0.00314 U
4,4'-DDE		0.00204 U	0.00208 UJ	0.0021 U		0.00209 U	0.00213 U	0.00208 U	0.00206 U	0.00208 U	0.00212 U	0.00203 U		0.00203 U	0.00209 U
4,4'-DDT		0.00613 U	0.00625 UJ	0.00629 U		0.00627 U	0.00639 U	0.00624 U	0.00618 U	0.00624 U	0.00636 U	0.00608 U		0.0061 U	0.00628 UJ
ALDRIN		0.00204 U	0.00208 UJ	0.0021 U		0.00209 U	0.00213 U	0.00208 U	0.00206 U	0.00208 U	0.00212 U	0.00203 U		0.00203 U	0.00209 U
ALPHA-BHC		0.00306 U	0.00312 UJ	0.00314 U		0.00313 U	0.00319 U	0.00312 U	0.00309 U	0.00312 U	0.00318 U	0.00304 U		0.00305 U	0.00314 U
ALPHA-CHLORDANE		0.00306 U	0.00312 UJ	0.00314 U		0.00313 U	0.00319 U	0.00312 U	0.00309 U	0.00312 U	0.00318 U	0.00304 U		0.00305 U	0.00314 U
AROCLOR-1016		0.0204 U	0.0208 UJ	0.021 U		0.0209 U	0.0213 U	0.0208 U	0.0206 U	0.0208 U	0.0212 U	0.0203 U		0.0203 U	0.0209 U
AROCLOR-1221		0.0204 U	0.0208 UJ	0.021 U		0.0209 U	0.0213 U	0.0208 U	0.0206 U	0.0208 U	0.0212 U	0.0203 U		0.0203 U	0.0209 U
AROCLOR-1232		0.0204 U	0.0208 UJ	0.021 U		0.0209 U	0.0213 U	0.0208 U	0.0206 U	0.0208 U	0.0212 U	0.0203 U		0.0203 U	0.0209 U
AROCLOR-1242		0.0204 U	0.0208 UJ	0.021 U		0.0209 U	0.0213 U	0.0208 U	0.0206 U	0.0208 U	0.0212 U	0.0203 U		0.0203 U	0.0209 U
AROCLOR-1248		0.0204 U	0.0208 UJ	0.021 U		0.0209 U	0.0213 U	0.0208 U	0.0206 U	0.0208 U	0.0212 U	0.0203 U		0.0203 U	0.0209 U
AROCLOR-1254		0.0204 U	0.0208 UJ	0.021 U		0.0209 U	0.0213 U	0.0208 U	0.0206 U	0.0208 U	0.0212 U	0.0203 U		0.0203 U	0.0209 U
AROCLOR-1260		0.0204 U	0.0208 UJ	0.021 U		0.0209 U	0.0213 U	0.0208 U	0.0206 U	0.0208 U	0.0212 U	0.0203 U		0.0203 U	0.0209 U
BETA-BHC		0.00204 U	0.00208 UJ	0.0021 U		0.00209 U	0.00213 U	0.00208 U	0.00206 U	0.00208 U	0.00212 U	0.00203 U		0.00203 U	0.00209 U
DELTA-BHC		0.00102 U	0.00104 UJ	0.00105 U		0.00104 UJ	0.00106 U	0.00104 U	0.00103 U	0.00104 U	0.00106 U	0.00101 U		0.00102 U	0.00105 UJ
DIELDRIN		0.00306 U	0.00312 UJ	0.00314 U		0.00313 U	0.00319 U	0.00312 U	0.00309 U	0.00312 U	0.00318 U	0.00304 U		0.00305 U	0.00314 U
ENDOSULFAN I		0.00306 U	0.00312 UJ	0.00314 U		0.00313 U	0.00319 U	0.00312 U	0.00309 U	0.00312 U	0.00318 U	0.00304 U		0.00305 U	0.00314 U
ENDOSULFAN II		0.00204 U	0.00208 UJ	0.0021 U		0.00209 U	0.00213 U	0.00208 U	0.00206 U	0.00208 U	0.00212 U	0.00203 U		0.00203 U	0.00209 U
ENDOSULFAN SULFATE		0.00715 U	0.00729 UJ	0.00734 U		0.00731 U	0.00745 U	0.00728 U	0.00721 U	0.00728 U	0.00742 U	0.00709 U		0.00711 U	0.00732 U
ENDRIN		0.00204 U	0.00208 UJ	0.0021 U		0.00209 U	0.00213 U	0.00208 U	0.00206 U	0.00208 U	0.00212 U	0.00203 U		0.00203 U	0.00209 UJ
ENDRIN ALDEHYDE		0.00204 U	0.00208 UJ	0.0021 U		0.00209 U	0.00213 U	0.00208 U	0.00206 U	0.00208 U	0.00212 U	0.00203 U		0.00203 U	0.00209 U
GAMMA-BHC (LINDANE)		0.00102 U	0.00104 UJ	0.00105 U		0.00104 U	0.00106 U	0.00104 U	0.00103 U	0.00104 U	0.00106 U	0.00101 U		0.00102 U	0.00105 U
GAMMA-CHLORDANE		0.00204 U	0.00208 UJ	0.0021 U		0.00209 U	0.00213 U	0.00208 U	0.00206 U	0.00208 U	0.00212 U	0.00203 U		0.00203 U	0.00209 U
HEPTACHLOR		0.00409 U	0.00417 UJ	0.00419 U		0.00418 U	0.00426 U	0.00416 U	0.00412 U	0.00416 U	0.00424 U	0.00405 U		0.00407 U	0.00418 UJ
HEPTACHLOR EPOXIDE		0.00409 U	0.00417 UJ	0.00419 U		0.00418 U	0.00426 U	0.00416 U	0.00412 U	0.00416 U	0.00424 U	0.00405 U		0.00407 U	0.00418 U
METHOXYCHLOR		0.00306 U	0.00312 UJ	0.00314 UJ		0.00313 U	0.00319 U	0.00312 U	0.00309 U	0.00312 U	0.00318 U	0.00304 U		0.00305 U	0.00314 U
PENTACHLORONITROBENZENE		0.00306 U	0.00312 UJ	0.00314 U		0.00313 U	0.00319 U	0.00312 U	0.00309 U	0.00312 U	0.00318 U	0.00304 U		0.00305 U	0.00314 U
TOXAPHENE		0.0102 U	0.0104 UJ	0.0105 U		0.0104 U	0.0106 U	0.0104 U	0.0103 U	0.0104 U	0.0106 U	0.0101 U		0.0102 U	0.0105 U
Radiological Parameters (PCI/L)															
GROSS ALPHA	1.4 U	1.4 U	1.4 U	1.1 U	2.9 U	1.4 U	1.6 U	1.9	1.4 U	1.4 U	1.4 U	3.5		1.6 U	1.6 U
GROSS BETA	5.7 U	5.9 U	4.9 U	7	7.42	5.7 U	13	12.2	5.9	5.4 U	10.5	32.4		11.6	5.9
RADIUM-228													0.658 U		
STRONTIUM-90													1.57 U		
Inorganics (UG/L)															
ALUMINUM	9.42	2.52	12.1	8.82	2.2 U	5.77	2.2 U	2.2 U	80.2	2.5	2.2 U	7.93		3.44	2.2 U
ANTIMONY	0.14 U	0.195	0.14 U	0.14 U	0.14 U	0.14 U	0.153	0.218	0.234	0.178	0.179	0.145		0.14 U	0.14 U
ARSENIC	2.75	6.16	5.75	5.06	5.68	4.51	2.9	3.99	2.9	4.53	4.62	5.15		5.01	6.39
BARIUM	6.83	17.6	17.4	11.7	17.2	16.2	19.8	21.6	18.4	15.4	17.9	13.1		16.1	15.3
BERYLLIUM	0.03 U	0.03 U	0.0442	0.0801	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.0451	0.0869		0.03 U	0.03 U
CADMIUM	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0696	0.0585	0.04 U	0.0927	0.04 U	0.04 U		0.04 U	0.04 U
CALCIUM	46.8	127	73.2	141	137	113	130	147		130	140	119		121	137
CHROMIUM	0.485	0.49	0.798 U	48.4	0.229	0.95	1.41	1.93	0.863	1.23 U	1.22	1.04 U		0.847 U	0.15 U
COBALT	0.03 U	0.116	0.0672	0.978	0.112	0.0618	0.627	0.0761	0.03 U	0.196	0.0636	0.296		0.0794	0.108
COPPER	6.3	60	34.6	35.7	7.27	7.39	407	160	6.48	83.9	25.8	26.4		38.8	42.5
IRON	5.67	332	13.2	512	4.7 U	27.1	89.8	123	8.32	30.8	12.4	103		56.4	4.7 U
LEAD	0.499	2.59	0.931	3.86	0.423	1.17	1.89	10.3	0.56	3.13	1.56	5.7		3.37	0.272
MAGNESIUM	6.34	22	12.4	20.9	22.7	22	26.7	33.1		25.7	21.6	20.3		27.2	23.1
MANGANESE	0.895	2.89	33.5	22.5	0.1 U	0.959	96.5	1.32	1.2	12	0.628	23		1.37	5.17
MERCURY	0.021	0.04	0.031	0.037	0.069	0.015 U	0.015 U	0.015 U	0.015 U	0.041	0.036	0.016		0.015 U	0.046
NICKEL	0.555 U	3	2.86	47.9	0.568	12.8 J	7.34	17.6	0.384	107	1.27	7.45		36.3	0.946
POTASSIUM	0.81	6.43	1.13	9.2	7.24	5.8	12.4	11.8		4.29	8.05	22.6		13.1	7.99
SELENIUM	0.2 U	0.313 U	0.287	0.387	0.375	0.303	0.463	0.241	0.353	0.267	0.98	0.536		0.388	0.324 U
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U		0.12 U	0.12 U
SODIUM	3.18 U	20.1	4.14	29.4	25.1	18.6	50.1	63.8		15.2	29.4	41.2		24.2	25.8

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 07
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0104	0459	1370	1633	1635	1749	1805	1810	1851	1911	1923	1926	1926	2023	2075
Sample ID	0104TW001	0459TW001	1370TW001	1633TW001	1635TW001	1749TW001	1805TW001	1810TW001	1851TW001	1911TW001	1923TW001	1926TW001	1926TW002	2023TW001	2075TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PRE-LEASE HOME	PHASE II	PHASE II	PHASE II
Sample Date	20090127	20090116	20081218	20081203	20090403	20090124	20080930	20081003	20081018	20081124	20081202	20081211	20090703	20090109	20090123
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 08
Premise ID	6322560201502	6132216806117	6130020504169	6129403042071	6130312502116	6130609502010	6353509304247	6354507102147	6132723808371	6132717302139	6113329508240	6112715700003	6112715700003	6113361002162	6132511222105
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
THALLIUM	0.04 U	0.167 U	0.04 U	0.04 U	0.16 U	0.04 U	0.165 U	0.04 U	0.212	0.164 U	0.512 U	1.14 U		0.279 U	0.04 U
TIN	0.1 U	1.08	0.1 U	0.704	0.1 U	0.1 U	0.1 U	0.307	0.108	0.197	0.14	0.29		0.248	0.1 U
URANIUM	0.296	1.55	4.94	1.94	1.69	1.41	3.24	3.22	1.67	1.11	1.54	6.05		1.54	1.58
VANADIUM	1 U	3.29	3.03	5.21	1.07	3.25	3.66 U	6.23 U	4.39	1.4	4.23	8.53		3.39	1.3
ZINC	42.3	511	23.5	337	125	68.1 J	485	1310	47.7	2520	406	744		2150	325
Microbiological Parameters															
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <		1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)															
PLATE COUNT															
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	200.5 >	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <		1 <	1 <
Miscellaneous Parameters (MG/L)															
CHLORIDE	5.7	40.4	6.56	48.1	47.8	37.7	94.5	131	43.4	56.9	45	62.6		38.4	53
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U		0.004 U	0.004 U
FLUORIDE	0.2 U	0.339	0.2 U	0.396	0.433	0.296	0.443	0.494	0.415	0.434	0.373	0.642		0.36	0.392
NITRATE	2.41	9.34 J	2.69	11.5	10.9 J	9.71 J	19.9 J	10.9 J	10.4 J	9.99	10.2	57.7 J		9.37 J	11.7 J
NITRITE	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 UR	0.2 UJ	0.2 UR	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 UR		0.2 UJ	0.2 UJ
PHOSPHATE	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UR	0.4 UJ	0.4 UR	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 UR		0.4 UJ	0.4 UJ
SULFATE	2.72	11.9	4.72	15.2	12.9	10.8	34.8	26.9	13.7	14.9	14.9	45.2		11.7	13
Field Parameters															
CHLORINE (MG/L)	0.04	0.04	0.01	0	0.14	0.14	0.06	0.1	0.1	0.09	0.06	0	0	0.02	0.2
DISSOLVED OXYGEN (MG/L)	7.57	7.07	10.1	9.05	7.75	8.26	7.39	8.96	8.77	3.45	9.17	5.85	6.65	5.87	8.27
OXIDATION REDUCTION POTENTIAL (MV)	482	397	547	302	623	609	328	598	486	366	437	294	256	324	605
PH (S.U.)	7.19	7.2	7.72	7.39	7.17	7.23	7.34	7.23	6.73	7	7.05	7.22	6.69	7.14	7.12
SALINITY (%)	0	0.02	0	0	0.02	0	0	0.1	0	0	0	0	0.03	0	0
SPECIFIC CONDUCTANCE (MS/CM)	0.32	0.804	0.495	1	0.912	0.877	0.89	1.4	0.95	0.972	1	1.1	0.969	0.9	0.984
TEMPERATURE (C)	12.26	15.14	11.77	14.19	15.79	12.06	21.72	18.63	17.52	14.24	14.18	13.75	23.54	12.07	14.65
TOTAL DISSOLVED SOLIDS				0.6						0	0.6	0.7			
TURBIDITY (NTU)	3	0	16.8	0	0	24			5.16	1.8	0	23	0	16	0

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 07
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	2077	2113	2114	2115	2116	2117	2118	2130	2150	2154	2156	EV04	EV11
Sample ID	2077TW001	2113TW001	2114TW001	2115TW001	2116TW001	2117TW001	2118TW001	2130TW001	2150TW001	2154TW001	2156TW001	EV04TW001	EV11TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I	PHASE I
Sample Date	20090210	20090320	20090404	20090325	20090328	20090331	20090331	20090402	20090423	20090428	20090504	20080708	20080714
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	PARCO EVA	PARCO EVA
Premise ID	6130306904204	6113005702101	6130008702315	6129714502305	6130306904116	6132719902152	6130003702113	6130315202113	6130311510114	6113111301102	6132723804156	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)													
1,2,3,4,6,7,8,9-OCDD	0.0046 U	0.0039 U	0.0053 U	0.0049 U	0.0062 U	0.0044 U	0.0038 U	0.0059 U	0.0016 U	0.0032 U	0.0041 U	0.0038 U	0.0055 J
1,2,3,4,6,7,8,9-OCDF	0.00073 U	0.00032 U	0.001 U	0.00055 U	0.00082 U	0.00058 U	0.00095 U	0.0012 U	0.0078 U	0.0018 U	0.012 U	0.0022 U	0.0011 U
1,2,3,4,6,7,8-HPCDD	0.001 U	0.002 U	0.0016 U	0.0023 U	0.0018 U	0.0019 U	0.0012 U	0.0019 U	0.0012 U	0.00075 U	0.0014 U	0.0012 U	0.0018 J
1,2,3,4,6,7,8-HPCDF	0.00034 U	0.00027 U	0.00057 U	0.00048 U	0.00029 U	0.00068 U	0.00088 U	0.00063 U	0.0017 U	0.0013 U	0.0028 U	0.0025 U	0.0019 J
1,2,3,4,7,8,9-HPCDF	0.00022 U	0.00022 U	0.00022 U	0.00017 U	0.000193 U	0.00029 U	0.00027 U	0.00022 U	0.00074 U	0.00056 U	0.0009 U	0.00026 J	0.000292 U
1,2,3,4,7,8-HXCDD	0.000314 U	0.00032 U	0.000274 U	0.00029 U	0.000363 U	0.00053 U	0.00022 U	0.00037 U	0.00036 J	0.00027 J	0.00048 J	0.000474 U	0.00049 U
1,2,3,4,7,8-HXCDF	0.00039 U	0.00022 U	0.00027 J	0.00017 U	0.00015 U	0.00043 J	0.00024 U	0.00024 J	0.0013 U	0.00097 U	0.0018 U	0.00036 U	0.000511 U
1,2,3,6,7,8-HXCDD	0.00061 U	0.00048 U	0.0003 U	0.00057 U	0.00032 U	0.00046 U	0.00029 U	0.00034 U	0.00026 U	0.00019 U	0.00055 U	0.00038 U	0.00049 J
1,2,3,6,7,8-HXCDF	0.00034 U	0.00022 U	0.00022 U	0.00017 U	0.00015 U	0.00048 U	0.00027 U	0.00044 U	0.00048 U	0.00039 U	0.00097 U	0.00026 U	0.000413 U
1,2,3,7,8,9-HXCDD	0.000314 U	0.00019 U	0.00045 U	0.00038 U	0.00034 U	0.00046 U	0.00037 U	0.000341 U	0.00036 U	0.00027 U	0.00036 U	0.000403 U	0.00049 J
1,2,3,7,8,9-HXCDF	0.00044 U	0.00046 U	0.00037 U	0.00022 U	0.00032 U	0.00063 U	0.00027 U	0.00032 U	0.00036 U	0.00029 U	0.00033 J	0.00038 U	0.00054 U
1,2,3,7,8-PECDD	0.002 U	0.001021 U	0.00075 U	0.00079 U	0.000703 U	0.00063 U	0.00066 U	0.00054 U	0.0013 U	0.00099 U	0.0005 U	0.000664 U	0.000973 U
1,2,3,7,8-PECDF	0.0014 U	0.0003 U	0.0003 U	0.00029 U	0.00039 U	0.00089 U	0.0002 U	0.00046 U	0.00048 U	0.00051 U	0.00052 U	0.000403 U	0.00056 U
2,3,4,6,7,8-HXCDF	0.00039 U	0.00024 U	0.00027 J	0.00024 U	0.00015 U	0.00029 U	0.00024 U	0.00032 J	0.000332 U	0.00027 J	0.00029 U	0.000332 U	0.00049 U
2,3,4,7,8-PECDF	0.0014 U	0.00043 U	0.00092 U	0.000191 U	0.00032 U	0.001 U	0.00037 U	0.00041 U	0.0011 U	0.00087 U	0.0011 U	0.000403 U	0.00071 J
2,3,7,8-TCDD	0.0009 U	0.00073 J	0.00045 U	0.00036 J	0.000193 J	0.0015 U	0.00027 U	0.000414 U	0.00036 U	0.00039 U	0.00038 U	0.000474 U	0.0011 UJ
2,3,7,8-TCDF	0.000532 U	0.00046 U	0.0007 U	0.000143 U	0.00019 U	0.0017 U	0.00039 U	0.00088 U	0.00048 U	0.00043 U	0.00045 U	0.00024 U	0.001022 UJ
TEQ	0.0009 U	0.00073	0.000054	0.00036	0.000193	0.000043	0.00027 U	0.000056	0.000036	0.000054	0.000081	0.000002	0.000349
TOTAL HPCDD	0.001 J	0.002 J	0.0025 J	0.0023 J	0.0018 J	0.0019 J	0.0012 J	0.0028 J	0.0012 J	0.00075 J	0.0014 J	0.0012 J	0.0018 J
TOTAL HPCDF	0.00041 J	0.00051 J	0.0014 J	0.00062 J	0.00036 J	0.00087 J	0.0011 J	0.0012 J	0.0036 J	0.003 J	0.005 J	0.0038 J	0.003 J
TOTAL HXCDD	0.00094 J	0.00097 J	0.001 J	0.0012 J	0.001018 U	0.00145 U	0.00086 J	0.001023 U	0.00095 J	0.00072 J	0.0014 J	0.0013 U	0.0014 J
TOTAL HXCDF	0.0016 U	0.0012 J	0.0011 J	0.00074 J	0.00065 J	0.0018 J	0.00098 U	0.0013 J	0.002 J	0.0018 J	0.0032 J	0.001328 U	0.001947 U
TOTAL PECDD	0.002 U	0.001021 U	0.00075 U	0.00079 U	0.000703 U	0.00063 U	0.00066 U	0.00054 U	0.0013 U	0.00099 U	0.0005 U	0.000664 U	0.000973 U
TOTAL PECDF	0.002737 U	0.00073 J	0.0012 J	0.00045 J	0.0007 J	0.0019 J	0.00056 J	0.00085 J	0.0016 J	0.0014 J	0.0016 J	0.00081 U	0.0012 J
TOTAL TCDD	0.0027 U	0.0012 J	0.001347 U	0.0014 J	0.00068 J	0.0023 J	0.00081 U	0.001243 U	0.0016 J	0.0012 U	0.00114 U	0.001423 U	0.003213 UJ
TOTAL TCDF	0.0011 U	0.00065 J	0.0008 J	0.00029 U	0.00029 J	0.0019 J	0.00049 J	0.0011 J	0.00071 J	0.00063 J	0.00067 J	0.000474 U	0.002044 UJ
Volatile Organics (UG/L)													
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.17 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.05 U	0.05 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U	0.13 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.12 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.13 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.13 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	0.25 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	0.09 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.07 U	0.07 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.08 U	0.08 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.15 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 UR
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.07 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1.6 U	1.6 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.12 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.13 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.1 U	0.1 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.67 J	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	0.4 U	0.4 UR
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.05 U	0.05 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.241 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.292 J	0.12 U
BROMOFORM	2.93	3.54	0.676 J	3.08	0.06 U	0.06 U	1.52	1.8	2.39	2.54	2.7	1.94	1.44
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.37 U	0.37 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.12 U
CHLORODIBROMOMETHANE	0.282 J	0.346 J	0.509	0.1 U	0.1 U	0.1 U	0.1 U	0.342 J	0.402 J	0.475 J	0.439 J	0.477 J	0.14 U
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.18 U	0.18 U
CHLOROFORM	0.09 U	0.09 U	0.143 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.21 U

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STUDY AREA 07
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	2077	2113	2114	2115	2116	2117	2118	2130	2150	2154	2156	EV04	EV11
Sample ID	2077TW001	2113TW001	2114TW001	2115TW001	2116TW001	2117TW001	2118TW001	2130TW001	2150TW001	2154TW001	2156TW001	EV04TW001	EV11TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I	PHASE I
Sample Date	20090210	20090320	20090404	20090325	20090328	20090331	20090331	20090402	20090423	20090428	20090504	20080708	20080714
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	PARCO EVA	PARCO EVA
Premise ID	6130306904204	6113005702101	6130008702315	6129714502305	6130306904116	6132719902152	6130003702113	6130315202113	6130311510114	6113111301102	6132723804156	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.13 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.12 U	0.12 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.06 U	0.06 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	0.09 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.69 U	0.69 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.05 U	0.05 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.04 U	0.04 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.19 U
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.424 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.07 U
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.17 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15 U	0.15 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.33 J	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.19 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.15 U
Semivolatile Organics (UG/L)													
1,1-BIPHENYL												0.191 U	0.194 UJ
1,2,4,5-TETRACHLOROBENZENE												0.191 U	0.194 U
2,3,4,6-TETRACHLOROPHENOL												0.286 U	0.291 UR
2,4,5-TRICHLOROPHENOL												0.477 U	0.486 UR
2,4,6-TRICHLOROPHENOL												0.477 U	0.486 UR
2,4-DICHLOROPHENOL												0.668 U	0.68 UR
2,4-DIMETHYLPHENOL												0.955 U	0.971 UR
2,4-DINITROPHENOL												0.286 U	0.291 UR
2,4-DINITROTOLUENE												0.955 U	0.971 U
2,6-DICHLOROPHENOL												0.764 U	0.777 UR
2,6-DINITROTOLUENE												0.0955 U	0.0971 U
2-CHLORONAPHTHALENE												0.191 U	0.194 U
2-CHLOROPHENOL												0.859 U	0.874 UR
2-METHYLNAPHTHALENE												0.191 U	0.194 U
2-METHYLPHENOL												0.668 U	0.68 UR
2-NITROPHENOL												0.859 U	0.874 UR
3&4-METHYLPHENOL												1.15 U	1.17 UR
3-NITROANILINE												0.955 U	0.971 U
4,6-DINITRO-2-METHYLPHENOL												0.191 U	0.194 UR
4-BROMOPHENYL PHENYL ETHER												0.0955 U	0.0971 U
4-CHLORO-3-METHYLPHENOL												0.573 U	0.583 UR
4-CHLOROANILINE												0.955 U	0.971 U
4-NITROANILINE												0.955 U	0.971 U
4-NITROPHENOL												0.286 U	0.291 UR
ACENAPHTHENE												0.0955 U	0.0971 U
ACENAPHTHYLENE												0.0955 U	0.0971 U
ANILINE												0.955 U	0.971 U
ANTHRACENE												0.0955 U	0.0971 U
ATRAZINE												0.0955 U	0.0971 U
BAP EQUIVALENT												0.0955 U	0.0971 U
BENZO(A)ANTHRACENE												0.0955 U	0.0971 U
BENZO(A)PYRENE												0.0955 U	0.0971 U
BENZO(B)FLUORANTHENE												0.0955 U	0.0971 U
BENZO(G,H,I)PERYLENE												0.0955 U	0.0971 U
BENZO(K)FLUORANTHENE												0.0955 U	0.0971 U
BIS(2-ETHYLHEXYL)PHTHALATE												1.34 U	1.36 U
BUTYL BENZYL PHTHALATE												0.0955 U	0.0971 U
CARBAZOLE												0.0955 U	0.0971 U
CHRYSENE												0.0955 U	0.0971 U
DI-N-BUTYL PHTHALATE												1.24 U	1.26 U
DI-N-OCTYL PHTHALATE												0.191 U	0.194 UJ
DIBENZO(A,H)ANTHRACENE												0.0955 U	0.0971 U
DIBENZOFURAN												0.0955 U	0.0971 U
DIETHYL PHTHALATE												0.191 U	0.194 U
DIMETHYL PHTHALATE												0.0955 U	0.0971 U
DIPHENYLAMINE												0.0955 U	0.0971 U
FLUORANTHENE												0.0955 U	0.0971 U

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STUDY AREA 07
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	2077	2113	2114	2115	2116	2117	2118	2130	2150	2154	2156	EV04	EV11
Sample ID	2077TW001	2113TW001	2114TW001	2115TW001	2116TW001	2117TW001	2118TW001	2130TW001	2150TW001	2154TW001	2156TW001	EV04TW001	EV11TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I	PHASE I
Sample Date	20090210	20090320	20090404	20090325	20090328	20090331	20090331	20090402	20090423	20090428	20090504	20080708	20080714
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	PARCO EVA	PARCO EVA
Premise ID	6130306904204	6113005702101	6130008702315	6129714502305	6130306904116	6132719902152	6130003702113	6130315202113	6130311510114	6113111301102	6132723804156	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
FLUORENE												0.0955 U	0.0971 U
HEXACHLOROBENZENE												0.0955 U	0.0971 U
HEXACHLOROBUTADIENE												0.191 U	0.194 U
HEXACHLOROCYCLOPENTADIENE												0.955 U	0.971 U
HEXACHLOROETHANE												0.0955 U	0.0971 U
INDENO(1,2,3-CD)PYRENE												0.0955 U	0.0971 UJ
NAPHTHALENE												0.191 U	0.194 U
NITROBENZENE												0.191 U	0.194 U
O-TOLUIDINE												0.668 U	0.68 U
PENTACHLOROBENZENE												0.191 U	0.194 U
PENTACHLOROPHENOL												0.286 U	0.291 UR
PHENANTHRENE												0.0955 U	0.0971 U
PHENOL												0.955 U	0.971 UR
PYRENE												0.0955 U	0.0971 U
Pesticides/PCBs (UG/L)													
4,4'-DDD												0.003 U	0.003 U
4,4'-DDE												0.002 U	0.002 UJ
4,4'-DDT												0.006 U	0.006 U
ALDRIN												0.002 U	0.002 UJ
ALPHA-BHC												0.003 U	0.003 UJ
ALPHA-CHLORDANE												0.003 U	0.003 UJ
AROCLOR-1016												0.02 U	0.02 UJ
AROCLOR-1221												0.02 U	0.02 UJ
AROCLOR-1232												0.02 U	0.02 UJ
AROCLOR-1242												0.02 U	0.02 UJ
AROCLOR-1248												0.02 U	0.02 UJ
AROCLOR-1254												0.02 U	0.02 UJ
AROCLOR-1260												0.02 U	0.02 UJ
BETA-BHC												0.002 U	0.002 UJ
DELTA-BHC												0.001 U	0.001 U
DIELDRIN												0.003 U	0.003 UJ
ENDOSULFAN I												0.003 U	0.003 UJ
ENDOSULFAN II												0.002 U	0.002 UJ
ENDOSULFAN SULFATE												0.007 U	0.007 UJ
ENDRIN												0.002 U	0.002 UJ
ENDRIN ALDEHYDE												0.002 U	0.002 UJ
GAMMA-BHC (LINDANE)												0.001 U	0.001 U
GAMMA-CHLORDANE												0.002 U	0.002 UJ
HEPTACHLOR												0.004 U	0.004 UJ
HEPTACHLOR EPOXIDE												0.004 U	0.004 UJ
METHOXYCHLOR												0.003 U	0.003 UJ
PENTACHLORONITROBENZENE												0.003 U	0.003 UJ
TOXAPHENE												0.01 U	0.01 U
Radiological Parameters (PCI/L)													
GROSS ALPHA	1.9 U	1.21 U	2.76 U	2.76 U	9.05	2.49 U	1.52 U	1.18 U	2.8 U	2.93 U	2.72 U	1.6 U	1.9 U
GROSS BETA	8.1	7.05	3.2 U	4.91	37.5	7.58	3.14 U	7.08	6.6	5.95	8.7	5.9 U	7.6
RADIUM-228													
STRONTIUM-90													
Inorganics (UG/L)													
ALUMINUM	2.2 U	2.2 U	2.2 U	2.87	20.5	491	2.2 U	2.2 U	2.2 U	4.4	2.2 U	6.8	2.2 U
ANTIMONY	1.07	0.566	0.14 U	0.14 U	0.321	0.269	0.164	0.4	0.14 U	0.14 U	0.14 U	0.389	0.14 U
ARSENIC	4.05	3.9	2.64	5.4	8.58	9.59	3.79	5.34	1.54	2.71	1.84	3.3	3.7
BARIUM	17.4	16.9	5.86	19.1	4.71	23.5	11.2	22.7	17.5	19.9	17.3	18.2	16.9
BERYLLIUM	0.03 U	0.03 U	0.0403	0.03 U	0.269	0.0788	0.03 U	0.03 U	0.0405 U	0.0402	0.0713	0.03 U	0.03 U
CADMIUM	0.29	0.112	0.0837	0.04 U	0.103	0.222	0.04 U	0.666	0.0646	0.0752	0.04 U	0.0848	0.04 U
CALCIUM	112	117	59.1	126	99.2	149	83.7	124	142	126	132		
CHROMIUM	0.718 U	0.233 U	0.392	0.548	0.15 U	0.902	0.15 U	0.48	1.23	0.499	1.42	0.531	0.868
COBALT	0.312	0.22	0.125 U	0.136	0.183	0.346	0.0957	0.318	0.0503	0.0676	0.0584	0.134	0.0939
COPPER	424	451	124	64.7	528	147 J	216 J	232	58.2	16.6	54	241	35.6
IRON	140	83.3	98.9	16.7	33.9	2470 J	4.7 UJ	8.2	18.3	253	92.5	9.72	4.72
LEAD	12.4	5.79	3.41	1.87	2.26	13.6	1.58	7.21	2.02	5.44	0.92	3.83	0.697
MAGNESIUM	22.4	22.6	9.64	22.8	26.3	26.7	13.8	25	21.9	21.8	21.3		
MANGANESE	22.2	22.5	3.66	2.96	3.51	30	8.4	3.23	0.562	1.23	4.49	2.57	0.273
MERCURY	0.018	0.02	0.108	0.037	0.155	0.042	0.042	0.039	0.021	0.352	0.026	0.035	0.015 U
NICKEL	148	140	8.59	18	19.6	10.2	3.38	163	1.04	8.93	0.926 U	36.2	0.961
POTASSIUM	5.28	5.16	0.963	6.6	41.7	7.39	2.66	4.87	7.08	6.4	7.36		
SELENIUM	0.307	0.2 U	0.214	0.362	1.49	0.327	0.213	0.237	0.331	0.323	0.255	0.3	0.234
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.815	0.223	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	15.9	14	6.19	19.1	79.8	26	9.18	15.3	24.8	21.5	24.6		

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STUDY AREA 07
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	2077	2113	2114	2115	2116	2117	2118	2130	2150	2154	2156	EV04	EV11
Sample ID	2077TW001	2113TW001	2114TW001	2115TW001	2116TW001	2117TW001	2118TW001	2130TW001	2150TW001	2154TW001	2156TW001	EV04TW001	EV11TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I	PHASE I
Sample Date	20090210	20090320	20090404	20090325	20090328	20090331	20090331	20090402	20090423	20090428	20090504	20080708	20080714
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	PARCO EVA	PARCO EVA
Premise ID	6130306904204	6113005702101	6130008702315	6129714502305	6130306904116	6132719902152	6130003702113	6130315202113	6130311510114	6113111301102	6132723804156	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
THALLIUM	0.661 U	0.04 U	1.19	0.04 U	1.63	1.08	0.403	0.252 U	0.04 U	0.886	0.201	0.137 U	0.04 U
TIN	0.504	0.171	0.1 U	0.191	0.168	1.52	0.1 U	0.1 U	0.128	0.462	0.1 U	0.161	0.1 U
URANIUM	1.29	1.49	0.522	1.17	14.6	1.66	0.773	1.05	1.28	1.5	1.89	1.36	1.35
VANADIUM	1.69	1 U	1 U	1.6	11.1	7.6	1 U	1.35	4.28	3.48	4.6	3	3.06
ZINC	3340	1350	549	143	227	248	348	2200	2420	1230	65.4	574	173
Microbiological Parameters													
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)												0	0
PLATE COUNT												23	0
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	200.5 >	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)													
CHLORIDE	46.4	38.6	9.81	47.5	95.4	50.5	22.1	47.9	52.4	50.9	56.5	31.6	34.8
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.407	0.362	0.2 U	0.371	1.21	0.345	0.209	0.411	0.386	0.388	0.485	0.3	0.206
NITRATE	11.2	9.27 J	2.65 J	10.7	84.8 J	10	5.9	10.4	9.79	10.8	12.2	7.76	7.83
NITRITE	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PHOSPHATE	0.4 U	0.4 UJ	0.4 UJ	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
SULFATE	13.3	12	4.18	12.5	65.9	11.6	7.46	12.6	13	12.8	15.7	12.3	10.9
Field Parameters													
CHLORINE (MG/L)	0.14	0.01	0.11	0.16	0.02	0.14	0.04	0.18	0.04	0.12	0.18	0	0.1
DISSOLVED OXYGEN (MG/L)	8.45	7.77	10.45	6.48	6.02	8.56	9.25	8.3	5.72	6.46	6.065	6.89	7.88
OXIDATION REDUCTION POTENTIAL (MV)	570	290	560	536	291	503	498	557	304	539	597	581	574
PH (S.U.)	7.2	7.17	7.26	7.06	6.95	7.05	7.48	7.03	6.95	7.13	7.14	7.3	6.83
SALINITY (%)	0	0	0.01	0.02	0.03	0	0	0	0.03	0.02	0.02	0	0
SPECIFIC CONDUCTANCE (MS/CM)	0.928	0.91	0.439	0.902	1.16	1.04	0.68	0.96	0.946	0.927	0.891	0.96	0.99
TEMPERATURE (C)	12.95	13.35	14.86	15.58	15.92	15.25	16.35	15.15	19.46	17.72	17.74	29.5	22.32
TOTAL DISSOLVED SOLIDS													
TURBIDITY (NTU)	2.4	5.5	0.2	0.5	0.7	5.5	4.8	0	0	0	0		

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 07
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0104	0459	1633	1749	1810	2023	2077
Sample ID	0104SS0010006	0459SS0010006	1633SS0010006	1749SS0010006	1810SS0010006	2023SS0010006	2077SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090127	20090116	20081203	20090124	20090123	20090109	20090205
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07
Premise ID	6322560201502	6132216806117	6129403042071	6130609502010	6354507102147	6113361002162	6130306904204
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/KG)							
1,2,3,4,6,7,8,9-OCDD	19	47	340	2.1 U	14	140	14 J
1,2,3,4,6,7,8,9-OCDF	1.1 U	3 J	4.9 J	0.4 U	0.86 U	4.8 J	1.5 J
1,2,3,4,6,7,8-HPCDD	3.3 J	6.6	15	0.51 U	2.3 J	16	3.1 J
1,2,3,4,6,7,8-HPCDF	1.4 U	2.4 J	1.2 J	0.44 U	1.1 U	7.9	1.7 J
1,2,3,4,7,8,9-HPCDF	0.19 J	0.17 J	0.086 U	0.072 J	0.13 J	0.66 J	0.21 J
1,2,3,4,7,8-HXCDD	0.077 U	0.32 U	0.068 J	0.045153 U	0.083 U	0.34 U	0.13 U
1,2,3,4,7,8-HXCDF	0.72 J	1.1 J	0.27 J	0.17 U	0.49 J	1.6 J	1 J
1,2,3,6,7,8-HXCDD	0.24 U	0.33 U	0.24 U	0.099 U	0.13 U	0.99 J	0.28 J
1,2,3,6,7,8-HXCDF	0.33 J	0.72 J	0.13 J	0.096 U	0.16 U	1.2 J	0.49 J
1,2,3,7,8,9-HXCDD	0.091 U	0.28 J	0.21 U	0.072 U	0.09 U	0.59 U	0.17 U
1,2,3,7,8,9-HXCDF	0.083 U	0.12 U	0.06 U	0.057194 U	0.068 U	0.31 U	0.13 U
1,2,3,7,8-PECDD	0.077126 U	0.47 J	0.1 J	0.06 U	0.070079 U	0.43 U	0.154912 U
1,2,3,7,8-PECDF	0.41 J	1.2	0.15 U	0.093 U	0.2 U	2.2	0.93 J
2,3,4,6,7,8-HXCDF	0.36 J	0.79 J	0.17 U	0.12 U	0.16 U	1.4 J	0.5 J
2,3,4,7,8-PECDF	0.38 U	0.69 J	0.23 U	0.14 U	0.19 U	1.5	0.71 J
2,3,7,8-TCDD	0.12 J	0.12 U	0.048 U	0.051174 U	0.095107 U	0.15 U	0.13 U
2,3,7,8-TCDF	0.48 U	0.68 J	0.21 U	0.23 U	0.46 U	1.8	0.8 J
TEQ	0.3139	1.1767	0.41227	0.00072	0.0775	1.50404	0.60265
TOTAL HPCDD	6.1 J	13	31	0.87 J	3.7 J	30	6.1 J
TOTAL HPCDF	3.4 J	4.9 J	6.1 J	0.76 J	3.1 J	19 J	3.6 J
TOTAL HXCDD	3.3 J	6.7 J	2.2 J	0.82 J	1.6 J	12 J	6.2 J
TOTAL HXCDF	5.1 J	9.2 J	10 J	0.93 J	3 J	19 J	6.5 J
TOTAL PECDD	3.2 J	1.8 J	0.3 J	0.6 J	0.070079 U	7.9	8.5
TOTAL PECDF	5.8 J	11 J	2.6 J	0.65 J	1.5 J	25	9 J
TOTAL TCDD	3.1	3.8	1.5 J	1.1 J	0.74 J	5.6	8.7
TOTAL TCDF	8.1 J	8.1 J	3.2 J	1.7 J	2 J	22	13 J
Volatile Organics (MG/KG)							
1,1,1,2-TETRACHLOROETHANE	0.000423 U	0.0004 U	0.000419 U	0.000443 U	0.000404 U	0.000461 U	0.000441 U
1,1,1-TRICHLOROETHANE	0.000564 U	0.000534 U	0.000558 U	0.00059 U	0.000539 U	0.000615 U	0.000588 U
1,1,2,2-TETRACHLOROETHANE	0.000282 U	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
1,1,2-TRICHLOROETHANE	0.000423 U	0.0004 U	0.000419 U	0.000443 U	0.000404 U	0.000461 U	0.000441 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.000986 U	0.000934 U	0.000977 U	0.00103 U	0.000943 U	0.00108 U	0.00103 U
1,1-DICHLOROETHANE	0.000986 U	0.000934 U	0.000977 U	0.00103 U	0.000943 U	0.00108 U	0.00103 U
1,1-DICHLOROETHENE	0.000704 U	0.000667 U	0.000698 U	0.000738 U	0.000674 U	0.000768 U	0.000734 U
1,2,3-TRICHLOROBENZENE	0.000704 U	0.000667 U	0.000698 U	0.000738 U	0.000674 U	0.000768 U	0.000734 U
1,2,3-TRICHLOROPROPANE	0.000423 U	0.0004 U	0.000419 U	0.000443 U	0.000404 U	0.000461 U	0.000441 U
1,2,4-TRICHLOROBENZENE	0.000423 U	0.0004 U	0.000419 U	0.000443 U	0.000404 U	0.000461 U	0.000441 U
1,2,4-TRIMETHYLBENZENE	0.000564 U	0.000534 U	0.000558 U	0.00059 U	0.000539 U	0.000615 U	0.000588 U
1,2-DIBROMO-3-CHLOROPROPANE	0.000564 U	0.000534 U	0.000558 U	0.00059 U	0.000539 U	0.000615 U	0.000588 U
1,2-DIBROMOETHANE	0.000141 U	0.000133 U	0.00014 U	0.000148 U	0.000135 U	0.000154 U	0.000147 U
1,2-DICHLOROBENZENE	0.000141 U	0.000133 U	0.00014 U	0.000148 U	0.000135 U	0.000154 U	0.000147 U
1,2-DICHLOROETHANE	0.000282 U	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
1,2-DICHLOROPROPANE	0.000423 U	0.0004 U	0.000419 U	0.000443 U	0.000404 U	0.000461 U	0.000441 U
1,2-DICHLOROTETRAFLUOROETHANE	0.000845 U	0.000801 UR	0.000837 U	0.000886 U	0.000808 U	0.000922 U	0.000881 U
1,3,5-TRIMETHYLBENZENE	0.000282 U	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
1,3-DICHLOROBENZENE	0.000282 U	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
1,3-DICHLOROPROPANE	0.000282 U	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
1,4-DICHLOROBENZENE	0.000141 U	0.000133 U	0.00014 U	0.000148 U	0.000135 U	0.000154 U	0.000147 U
2,2-DICHLOROPROPANE	0.000704 U	0.000667 U	0.000698 U	0.000738 U	0.000674 U	0.000768 U	0.000734 U
2-BUTANONE	0.00254 U	0.0024 U	0.00251 U	0.00266 U	0.00242 U	0.00277 U	0.00448 J
2-CHLOROTOLUENE	0.000423 U	0.0004 U	0.000419 U	0.000443 U	0.000404 U	0.000461 U	0.000441 U
2-HEXANONE	0.00141 U	0.00133 U	0.0014 U	0.00148 U	0.00135 U	0.00154 U	0.00147 U
4-CHLOROTOLUENE	0.000282 U	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
4-ISOPROPYLTOLUENE	0.0176	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
4-METHYL-2-PENTANONE	0.000423 U	0.0004 U	0.000419 U	0.000443 U	0.000404 U	0.000461 U	0.000441 U
ACETONE	0.00817 U	0.00774 U	0.00809 U	0.00856 J	0.00781 U	0.00891 U	0.00852 J
ACROLEIN	0.00718 U	0.00681 U	0.00712 U	0.00753 U	0.00687 U	0.00784 U	0.00749 U
BENZENE	0.000423 U	0.0004 U	0.000419 U	0.000443 U	0.000404 U	0.000461 U	0.000441 U
BROMOCHLOROMETHANE	0.000564 U	0.000534 U	0.000558 U	0.00059 U	0.000539 U	0.000615 U	0.000588 U
BROMODICHLOROMETHANE	0.000564 U	0.000534 U	0.000558 U	0.00059 U	0.000539 U	0.000615 U	0.000588 U
BROMOFORM	0.000282 U	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
BROMOMETHANE	0.00423 U	0.004 UR	0.00419 U	0.00443 U	0.00404 U	0.00461 U	0.00441 U
CARBON TETRACHLORIDE	0.000564 U	0.000534 U	0.000558 U	0.00059 U	0.000539 U	0.000615 U	0.000588 U

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STUDY AREA 07
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0104	0459	1633	1749	1810	2023	2077
Sample ID	0104SS0010006	0459SS0010006	1633SS0010006	1749SS0010006	1810SS0010006	2023SS0010006	2077SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090127	20090116	20081203	20090124	20090123	20090109	20090205
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07
Premise ID	6322560201502	6132216806117	6129403042071	6130609502010	6354507102147	6113361002162	6130306904204
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CHLOROBENZENE	0.000282 U	0.00035 J	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
CHLORODIBROMOMETHANE	0.000141 U	0.000133 U	0.00014 U	0.000148 U	0.000135 U	0.000154 U	0.000147 U
CHLOROETHANE	0.000564 U	0.000534 UR	0.000558 U	0.00059 U	0.000539 U	0.000615 U	0.000588 U
CHLOROFORM	0.000986 U	0.000934 U	0.000977 U	0.00103 U	0.000943 U	0.00108 U	0.00103 U
CHLOROMETHANE	0.00127 U	0.0012 U	0.00126 U	0.00133 U	0.00121 U	0.00138 U	0.00132 U
CIS-1,2-DICHLOROETHENE	0.000986 U	0.000934 U	0.000977 U	0.00103 U	0.000943 U	0.00108 U	0.00103 U
CIS-1,3-DICHLOROPROPENE	0.000141 U	0.000133 U	0.00014 U	0.000148 U	0.000135 U	0.000154 U	0.000147 U
DICHLORODIFLUOROMETHANE	0.000423 U	0.0004 U	0.000419 U	0.000443 U	0.000404 U	0.000461 U	0.000441 U
ETHYLBENZENE	0.000423 U	0.0004 U	0.000419 U	0.000443 U	0.000404 U	0.000461 U	0.000441 U
ISOPROPYLBENZENE	0.000282 U	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
M+P-XYLENES	0.000845 U	0.000801 U	0.000837 U	0.000886 U	0.000808 U	0.000922 U	0.000881 U
METHYL TERT-BUTYL ETHER	0.000704 U	0.000667 U	0.000698 U	0.000738 U	0.000674 U	0.000768 U	0.000734 U
METHYLENE CHLORIDE	0.00141 U	0.00133 U	0.0014 U	0.00148 U	0.00135 U	0.00154 U	0.00147 U
N-BUTYLBENZENE	0.000282 U	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
N-PROPYLBENZENE	0.000423 U	0.0004 U	0.000419 U	0.000443 U	0.000404 U	0.000461 U	0.000441 U
O-XYLENE	0.000282 U	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
SEC-BUTYLBENZENE	0.000282 U	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
STYRENE	0.000282 U	0.000267 U	0.000279 U	0.000295 U	0.000269 U	0.000307 U	0.000294 U
TERT-BUTYLBENZENE	0.000564 U	0.000534 U	0.000558 U	0.00059 U	0.000539 U	0.000615 U	0.000588 U
TETRACHLOROETHENE	0.000845 U	0.000801 U	0.000837 U	0.000886 U	0.000808 U	0.000922 U	0.000881 U
TOLUENE	0.000704 U	0.0112	0.000698 U	0.00137 J	0.000789 J	0.0277	0.000734 U
TRANS-1,2-DICHLOROETHENE	0.000845 U	0.000801 U	0.000837 U	0.000886 U	0.000808 U	0.000922 U	0.000881 U
TRANS-1,3-DICHLOROPROPENE	0.000423 U	0.0004 U	0.000419 U	0.000443 U	0.000404 U	0.000461 U	0.000441 U
TRICHLOROETHENE	0.000704 U	0.000667 U	0.000698 U	0.000738 U	0.000674 U	0.000768 U	0.000734 U
TRICHLOROFLUOROMETHANE	0.00113 U	0.00107 UJ	0.00112 U	0.00118 U	0.00108 U	0.00123 U	0.00118 U
VINYL CHLORIDE	0.000564 U	0.000534 U	0.000558 U	0.00059 U	0.000539 U	0.000615 U	0.000588 U
Semivolatile Organics (MG/KG)							
1,1-BIPHENYL	0.0229 U	0.0199 U	0.015 U	0.0218 U	0.0391 J	0.023 U	0.022 U
1,2,4,5-TETRACHLOROBENZENE	0.0183 U	0.0159 U	0.012 U	0.0174 U	0.016 U	0.0184 U	0.0176 U
2,3,4,6-TETRACHLOROPHENOL	0.108 UJ	0.0942 U	0.0709 U	0.103 U	0.0949 U	0.109 UJ	0.104 U
2,4,5-TRICHLOROPHENOL	0.188 UJ	0.163 U	0.123 U	0.179 U	0.164 J	0.189 UJ	0.18 U
2,4,6-TRICHLOROPHENOL	0.101 UJ	0.0876 U	0.0659 U	0.0959 U	0.129 J	0.101 UJ	0.0968 U
2,4-DICHLOROPHENOL	0.118 UJ	0.102 U	0.0768 U	0.112 U	0.181 J	0.118 UJ	0.113 U
2,4-DIMETHYLPHENOL	0.226 UJ	0.196 U	0.148 U	0.215 U	0.198 J	0.227 UJ	0.217 U
2,4-DINITROPHENOL	0.0839 UJ	0.073 U	0.0549 U	0.0799 U	0.0735 U	0.0843 UJ	0.0806 U
2,4-DINITROTOLUENE	0.0275 U	0.0239 U	0.018 U	0.0262 U	0.0241 U	0.0276 U	0.0264 U
2,6-DICHLOROPHENOL	0.0717 UJ	0.0624 U	0.0469 U	0.0683 U	0.162 J	0.0721 UJ	0.0689 U
2,6-DINITROTOLUENE	0.0229 U	0.0199 U	0.015 U	0.0218 U	0.02 U	0.023 U	0.022 U
2-CHLORONAPHTHALENE	0.0122 U	0.0106 U	0.00798 U	0.0116 U	0.0384 J	0.0123 U	0.0117 U
2-CHLOROPHENOL	0.0763 UJ	0.0664 U	0.0499 U	0.0727 U	0.069 J	0.0767 J	0.0733 U
2-METHYLNAPHTHALENE	0.0259 U	0.0226 U	0.017 U	0.0247 U	0.039 J	0.0261 U	0.0249 U
2-METHYLPHENOL	0.153 UJ	0.133 U	0.0998 U	0.145 U	0.134 J	0.153 UJ	0.147 U
2-NITROPHENOL	0.0961 UJ	0.0836 U	0.0629 U	0.0915 U	0.0842 J	0.0966 UJ	0.0924 U
3&4-METHYLPHENOL	0.175 UJ	0.153 U	0.115 U	0.167 U	0.337	0.176 UJ	0.169 U
3-NITROANILINE	0.0275 U	0.0239 UJ	0.018 U	0.0262 U	0.0241 U	0.0276 U	0.0264 U
4,6-DINITRO-2-METHYLPHENOL	0.102 UJ	0.0889 U	0.0669 U	0.0974 U	0.0895 U	0.103 UJ	0.0982 U
4-BROMOPHENYL PHENYL ETHER	0.0183 U	0.0159 U	0.012 U	0.0174 U	0.016 U	0.0184 U	0.0176 U
4-CHLORO-3-METHYLPHENOL	0.134 UJ	0.117 U	0.0878 U	0.128 U	0.122 J	0.135 UJ	0.129 U
4-CHLOROANILINE	0.0351 U	0.0305 U	0.023 U	0.0334 U	0.0307 U	0.0353 U	0.0337 U
4-NITROANILINE	0.0671 U	0.0584 UJ	0.0439 U	0.0639 U	0.0588 U	0.0675 U	0.0645 U
4-NITROPHENOL	0.18 UJ	0.157 U	0.118 U	0.171 U	0.158 U	0.181 UJ	0.173 U
ACENAPHTHENE	0.0153 U	0.0133 U	0.00998 U	0.0145 U	0.0312 J	0.0153 U	0.0147 U
ACENAPHTHYLENE	0.0137 U	0.0119 U	0.00898 U	0.0131 U	0.012 U	0.0138 U	0.0132 U
ANILINE	0.0305 U	0.0265 U	0.02 U	0.0291 U	0.0267 U	0.0307 U	0.0293 U
ANTHRACENE	0.0183 U	0.0159 U	0.012 U	0.0174 U	0.016 U	0.0184 U	0.0176 U
ATRAZINE	0.0397 U	0.0345 U	0.0259 U	0.0378 U	0.0347 U	0.0399 U	0.0381 U
BAP EQUIVALENT	0.0259 U	0.0226 U	0.017 U	0.0247 U	0.0227 U	0.008455	0.0249 U
BENZO(A)ANTHRACENE	0.0244 U	0.0212 U	0.016 U	0.0232 U	0.0214 U	0.0336 J	0.0235 U
BENZO(A)PYRENE	0.0259 U	0.0226 U	0.017 U	0.0247 U	0.0227 U	0.0261 U	0.0249 U
BENZO(B)FLUORANTHENE	0.0305 U	0.0265 U	0.02 U	0.0291 U	0.0267 U	0.0453 J	0.0293 U
BENZO(G,H,I)PERYLENE	0.0427 U	0.0372 U	0.0279 U	0.0407 U	0.0374 U	0.0429 U	0.041 U
BENZO(K)FLUORANTHENE	0.0275 U	0.0239 U	0.018 U	0.0262 U	0.0241 U	0.0511 J	0.0264 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.16 U	0.139 U	0.105 U	0.153 U	0.14 U	0.161 U	0.154 U
BUTYL BENZYL PHTHALATE	0.0458 U	0.0398 U	0.0299 U	0.0436 U	0.0401 U	0.046 U	0.044 U

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STUDY AREA 07
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0104	0459	1633	1749	1810	2023	2077
Sample ID	0104SS0010006	0459SS0010006	1633SS0010006	1749SS0010006	1810SS0010006	2023SS0010006	2077SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090127	20090116	20081203	20090124	20090123	20090109	20090205
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07
Premise ID	6322560201502	6132216806117	6129403042071	6130609502010	6354507102147	6113361002162	6130306904204
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CARBAZOLE	0.0275 U	0.0239 U	0.018 U	0.0262 U	0.0241 U	0.0276 U	0.0264 U
CHRYSENE	0.0198 U	0.0173 U	0.013 U	0.0189 U	0.0174 U	0.0545 J	0.0191 U
DI-N-BUTYL PHTHALATE	0.0656 U	0.0571 U	0.0429 U	0.0625 J	0.0575 J	0.0659 J	0.063 U
DI-N-OCTYL PHTHALATE	0.0305 U	0.0265 U	0.02 U	0.0291 U	0.0267 U	0.0307 U	0.0293 U
DIBENZO(A,H)ANTHRACENE	0.0275 U	0.0239 U	0.018 U	0.0262 U	0.0241 U	0.0276 U	0.0264 U
DIBENZOFURAN	0.0153 U	0.0133 U	0.00998 U	0.0145 U	0.0256 J	0.0153 U	0.0147 U
DIETHYL PHTHALATE	0.0259 U	0.0226 U	0.017 U	0.0247 U	0.0227 U	0.0261 U	0.0249 U
DIMETHYL PHTHALATE	0.0198 U	0.0173 U	0.013 U	0.0189 U	0.0174 U	0.0199 U	0.0191 U
DIPHENYLAMINE	0.0794 U	0.069 U	0.0519 U	0.0756 U	0.0695 U	0.0797 U	0.0762 U
FLUORANTHENE	0.029 U	0.0252 U	0.019 U	0.0276 U	0.0254 U	0.0657 J	0.0279 U
FLUORENE	0.0183 U	0.0159 U	0.012 U	0.0174 U	0.016 U	0.0184 U	0.0176 U
HEXACHLOROBENZENE	0.0168 U	0.0146 U	0.011 U	0.016 U	0.0147 U	0.0169 U	0.0161 U
HEXACHLOROBUTADIENE	0.0153 U	0.0133 U	0.00998 U	0.0145 U	0.0134 U	0.0153 U	0.0147 U
HEXACHLOROCYCLOPENTADIENE	0.0214 U	0.0186 UJ	0.014 U	0.0203 U	0.0187 U	0.0215 U	0.0205 U
HEXACHLOROETHANE	0.0168 U	0.0146 U	0.011 U	0.016 U	0.0147 U	0.0169 U	0.0161 U
INDENO(1,2,3-CD)PYRENE	0.0671 U	0.0584 U	0.0439 U	0.0639 U	0.0588 U	0.0675 U	0.0645 U
NAPHTHALENE	0.00916 U	0.00796 U	0.00599 U	0.00872 U	0.00802 U	0.0092 U	0.0088 U
NITROBENZENE	0.0229 U	0.0199 U	0.015 U	0.0218 U	0.02 U	0.023 U	0.022 U
O-TOLUIDINE	0.0275 U	0.0239 U	0.018 U	0.0262 U	0.0416 J	0.0276 U	0.0264 U
PENTACHLOROBENZENE	0.0427 U	0.0372 U	0.0279 U	0.0407 U	0.0374 J	0.0429 U	0.041 U
PENTACHLOROPHENOL	0.235 UJ	0.204 U	0.154 U	0.224 U	0.206 U	0.236 UJ	0.226 U
PHENANTHRENE	0.0458 U	0.0398 U	0.0299 U	0.0436 U	0.0401 U	0.046 U	0.044 U
PHENOL	0.0519 UJ	0.0451 U	0.0339 U	0.0494 U	0.0454 U	0.0521 UJ	0.0498 U
PYRENE	0.0275 U	0.0239 U	0.018 U	0.0262 U	0.0241 U	0.0543 J	0.0264 U
Pesticides/PCBs (MG/KG)							
4,4'-DDD	0.000645 U	0.000711 U	0.000688 U	0.000795 U	0.000667 U	0.000606 U	0.000687 U
4,4'-DDE	0.000633 U	0.000698 U	0.000675 U	0.000781 U	0.000655 U	0.000595 U	0.000675 U
4,4'-DDT	0.000848 U	0.000935 U	0.000904 U	0.00105 U	0.000878 U	0.000796 U	0.000904 U
ALDRIN	0.000513 U	0.000566 U	0.000547 U	0.000633 U	0.000531 U	0.000482 U	0.000547 U
ALPHA-BHC	0.000633 U	0.000698 U	0.000675 U	0.000781 U	0.000655 U	0.000595 U	0.000675 U
ALPHA-CHLORDANE	0.000513 U	0.000566 U	0.000547 U	0.000633 U	0.000531 U	0.000482 U	0.000547 U
AROCLOR-1016	0.00836 U	0.00921 U	0.00891 U	0.0103 U	0.00865 U	0.00785 U	0.00891 U
AROCLOR-1221	0.00836 U	0.00921 U	0.00891 U	0.0103 U	0.00865 U	0.00785 U	0.00891 U
AROCLOR-1232	0.00836 U	0.00921 U	0.00891 U	0.0103 U	0.00865 U	0.00785 U	0.00891 U
AROCLOR-1242	0.00836 U	0.00921 U	0.00891 U	0.0103 U	0.00865 U	0.00785 U	0.00891 U
AROCLOR-1248	0.00836 U	0.00921 U	0.00891 U	0.0103 U	0.00865 U	0.00785 U	0.00891 U
AROCLOR-1254	0.00836 U	0.00921 U	0.00891 U	0.0103 U	0.00865 U	0.00785 U	0.00891 U
AROCLOR-1260	0.00836 U	0.00921 U	0.00891 U	0.0103 U	0.00865 U	0.00785 U	0.00891 U
BETA-BHC	0.000776 U	0.000856 U	0.000828 U	0.000957 U	0.000803 U	0.000729 U	0.000827 U
DELTA-BHC	0.000704 U	0.000777 U	0.000751 U	0.000869 U	0.000729 U	0.000662 U	0.000751 U
DIELDRIN	0.000716 U	0.00079 U	0.000764 U	0.000884 U	0.000742 U	0.000673 U	0.000764 U
ENDOSULFAN I	0.000645 U	0.000711 U	0.000688 U	0.000795 U	0.000667 U	0.000606 U	0.000687 U
ENDOSULFAN II	0.000513 U	0.000566 U	0.000547 U	0.000633 U	0.000531 U	0.000482 U	0.000547 U
ENDOSULFAN SULFATE	0.000728 U	0.000803 U	0.000777 U	0.000899 U	0.000754 U	0.000684 U	0.000776 U
ENDRIN	0.000824 U	0.000908 U	0.000879 U	0.00102 U	0.000853 U	0.000774 U	0.000878 U
ENDRIN ALDEHYDE	0.00074 U	0.000816 U	0.000789 U	0.000913 U	0.000766 U	0.000695 U	0.000789 U
GAMMA-BHC (LINDANE)	0.000609 U	0.000671 U	0.000649 U	0.000751 U	0.00063 U	0.000572 U	0.000649 U
GAMMA-CHLORDANE	0.000561 U	0.000619 U	0.000598 U	0.000692 U	0.000581 U	0.000527 U	0.000598 U
HEPTACHLOR	0.000728 U	0.000803 U	0.000777 U	0.000899 U	0.000754 U	0.000684 U	0.000776 U
HEPTACHLOR EPOXIDE	0.000561 U	0.000619 U	0.000598 U	0.000692 U	0.000581 U	0.000527 U	0.000598 U
METHOXYCHLOR	0.000907 U	0.001 U	0.000968 U	0.00112 U	0.000939 U	0.000853 U	0.000967 U
PENTACHLORONITROBENZENE	0.000597 U	0.000658 U	0.000637 U	0.000737 U	0.000618 U	0.000561 U	0.000636 U
TOXAPHENE	0.00716 U	0.0079 U	0.00764 U	0.00884 U	0.00742 U	0.00673 U	0.00764 U
Inorganics (MG/KG)							
ALUMINUM	37400	63100	64100	66700	46800	24500	41900
ANTIMONY	0.617	0.79	0.536	0.656	0.463	1.09	0.489
ARSENIC	15.8	18.6	15.9	16.1	12.4	9.27	12.6
BARIUM	247	462	578	640	496	269	400
BERYLLIUM	4.41	7.22	6.72	6.81	4.84	2.71	5.47
CADMIUM	0.148	1.02	0.346	0.166	0.218	0.436	0.107
CHROMIUM	5.33	7.87	6	4.25	10.6	5.48	4.62
COBALT	5.73	8.8	7.43	7.66	10.6	3.84	5.87
COPPER	31.2	47	53.3	22.7	61.7	37.1	23.7
IRON	19500	29100	30100	30300	25500	12500	21700

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 07
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0104	0459	1633	1749	1810	2023	2077
Sample ID	0104SS0010006	0459SS0010006	1633SS0010006	1749SS0010006	1810SS0010006	2023SS0010006	2077SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090127	20090116	20081203	20090124	20090123	20090109	20090205
Study Area	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07	STUDY AREA 07
Premise ID	6322560201502	6132216806117	6129403042071	6130609502010	6354507102147	6113361002162	6130306904204
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
LEAD	48.7	60.8	49.2	44.8	36.1	142	36.8
MANGANESE	643	1290	962	850	664	432	677
MERCURY	0.0987 U	0.106 U	0.105 U	0.105 U	0.103 U	0.397	0.107 U
NICKEL	5.42	8.38	7.29	5.32	11.7	4.89	4.75
SELENIUM	0.142	0.718	0.197 U	0.147	0.214	0.577	0.111
SILVER	0.168	0.279	0.18	0.121	0.114	0.369	0.101 U
THALLIUM	1.37 U	3.95	0.754	1.76 U	1.87 U	4.51	1.04
TIN	2.65	4.44	3.54	3.5	2.04	15.2	2.72
VANADIUM	36.8	55	54	44.1	63.2	27.6	38.6
ZINC	64.4	90.8	83.4	62.2	85.1	115	50.9
Miscellaneous Parameters (MG/KG)							
CYANIDE	0.168 U	0.156 U	0.167 U	0.177 U	0.161 U	0.164 U	0.175 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 8

SOIL GAS DATA

WATER DATA

SOIL DATA

STUDY AREA 08
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0120	0227	0266	0290	0302	0333	0376	0393	0419	0460	0488	0502	0512	0525	1742
Sample ID	0120SG001	0227SG001	0266SG001	0290SG001	0302SG001	0333SG001	0376SG001	0393SG001	0419SG001	0460SG001	0488SG001	0502SG001	0512SG001	0525SG001	1742SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090204	20090131	20090110	20090212	20090323	20081216	20090216	20090205	20090207	20090318	20090703	20090212	20090610	20090202	20090323
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129400602082	6312226602055	6132208002123	6132136112223	6132238012298	6132241001150	6132205414013	6132216806021	6132201802025	6132205502178	6129420604112	6129418202036	6129403202087	6129414806036	6130603714122
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)															
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.15 U	0.15 U	0.202 J	0.15 U	2.11	0.152 J	0.15 U	0.15 U	0.15 U	0.15 U	0.258 J	0.15 U	0.245 J	0.15 U	0.381
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.903 J	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.909	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.669	0.772 J	0.67	0.769	1.03	0.815 J	0.793	0.55	0.677	0.468	1.05	0.724	0.854	0.671 J	0.731
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	1.91 J	0.4 U	0.4 U	0.4 U	0.4 U	0.927 J	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	1.1	0.19 U	4.01 J	0.19 U	2.25	0.19 U	0.761 U	0.19 U	0.19 U
1,2,4-TRIMETHYLBENZENE	8.19	0.75 J	0.235	0.05 U	0.05 U	32.5 J	1.09	3.41	0.467 J	1.35	4.31	1.08	4.94	14.8 J	2.7
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 UJ	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.176 J	0.1 U	0.24	0.1 U	1.03	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	3.03	1.34 J	1	0.09 U	1.58	1.12 J	0.31	0.09 U	0.09 U	0.09 U	0.09 U	11.5	0.09 U	0.09 U	3
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	4.46	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	1.65	0.24 J	0.05 U	0.05 U	0.05 U	9.33 J	0.378	1.51	0.185 J	0.421	1.85	0.219	1.4	4.53 J	0.05 U
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 UJ	0.49 U	0.49 U	0.49 U	0.49 U	0.703 J	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.131 J	0.09 U	0.09 U	0.09 U	0.958	0.09 U	0.222	0.09 U	0.09 U
1,4-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.528	0.09 U	0.09 U	0.09 U	1.04	0.09 U	0.24	0.09 U	0.09 U
2-BUTANONE	6.64	16.9 J	2.12	1.68	2.12	19.2 J	6.57	7.17	1.09	11.3	16.7	1.29	5.84	0.33 U	0.861
ACETONE	72.8	72.9 J	17	10.2	16.1	98.8 J	71.9	66	8 J	93.9	54.5	13.9	35.4	8200 J	8.01
ACETONITRILE	0.753 J	1.2 J	0.421 J	0.38 U	0.545 J	0.38 UJ	1.11	1.17	0.38 UJ	0.777 J	0.47 J	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 UJ	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.26 J	1.02 U	1.02 U
ACROLEIN	0.554 J	1.81 J	0.954	0.966	0.41 U	0.41 UJ	0.41 U	0.642 J	0.434 J	2.66	0.41 U	0.807 J	2.59	0.41 U	3.37
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.275 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	2	2.8 J	1	0.354	1.26	14.4 J	6.93	8.09	0.263	3.77	16.4	0.542	3.46	451 J	3.46
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	1.02	0.07 U	0.07 U
CARBON DISULFIDE	0.834	3.59 J	1.21	0.28	2.7	1.53 J	1.98	1.28	0.245	6.11	1.75	11.3	0.667	1.43 J	1.74
CARBON TETRACHLORIDE	0.22 J	0.296 J	0.234 J	0.13 U	0.13 U	0.13 UJ	0.221 J	0.244 J	0.13 U	0.13 U	0.196 U	0.449	0.306	0.206 J	0.13 U
CHLOROBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	1.48 J	0.04 U	0.04 U	0.04 U	0.04 U	0.552	0.04 U	0.143 J	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 UJ	0.24 UJ	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 UJ
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.558	4.14 J	0.43	0.957	0.391	0.11 UJ	0.32	5.78	2.71	0.923	2.05	0.22 J	0.11 U	0.11 U	0.398
CHLOROMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 UJ	0.183 J	0.529	0.287	0.509	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.449	0.557 J	0.11 U	0.11 U	0.271	5.78 J	1.15	0.481	0.11 U	0.76	2.28	0.11 U	0.776	486 J	0.971
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.267 J	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2.25	3.35 J	3.2	5.67	2.54	4.97 J	2.5	2.25	4.31	2.28	5.09	2.62	2.91	0.453 J	4.8
ETHYLBENZENE	11.7	1.13 J	0.443	0.276	7.76	14.4 J	0.605	4.1	0.255	1.4	2.66	0.03 U	111	58.2 J	25.6
HEXACHLOROBUTADIENE	0.325 J	0.256 J	0.364 J	0.24 U	0.24 U	0.406 J	1.4	0.24 U	0.478 J	0.24 U	2.39	0.24 U	0.624 U	0.24 U	0.24 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	1.83	3.15 J	0.193 J	0.238 J	0.631	19.4 J	1.92	0.829	0.172 J	1.04	5.07	0.336 J	2.41	8870 J	2.39
ISOBUTANOL	0.666 J	13.1 J	0.46 U	0.46 U	0.46 U	1.29 J	0.46 U	0.46 U	0.46 U	0.632 J	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.251	2.98 J	0.07 U	0.07 U	0.07 U	0.204	0.07 U	0.07 U	1.92	5.24 J	0.07 U
M+P-XYLENES	8.67	1.28 J	0.444	0.479	5.08	18.9 J	2.19	3.13	0.574	2.21	8.34	0.453	64.9	144 J	16.7
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U	0.545	0.27 U	0.27 U	0.634	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.937	0.08 U	0.151 J	0.08 U	0.63	14.9 J	2.06	0.735	0.08 U	1.27	4.72	0.08 U	0.955	434 J	2.18
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.824
METHYLENE CHLORIDE	0.08 U	0.08 U	0.773	0.08 U	0.248	0.168 J	0.103 J	0.192 J	0.08 U	0.08 U	0.08 U	0.08 U	1.45	0.08 U	0.08 U
O-XYLENE	4.66	0.709 J	0.225	0.295	0.06 U	13 J	1.09	1.84	0.274	0.06 U	3.74	0.249	31	58 J	0.06 U
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	2.5	0.266 J	0.881	1.47	50.4	2.9 J	0.282	61.2	1.3	6.31	0.07 U	0.07 U	269	113 J	190
TETRACHLOROETHENE	3.47	38.4 J	19.1	6.07	39.6	151 J	16.8	5.04	66	72	3.93	3.68	17.9	5.84 J	5.53
TOLUENE	10.7	6.11 J	1.86	0.73	4.52	25.3 J	8.78	8.36	0.719	4.11	14.9	0.983	6.87	517 J	29.9
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.08 U	0.41	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	1.29	1.94 J	11.1	5.6	4.52	17.3 J	2.08	81.8	3.15	22.5	16.6	1.65	3.3	4.49 J	4.41
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 08
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1827	1835	1846	1847	1857	1859	1865	1874	1897	1899	2018	2032	2074	2075
Sample ID	1827SG001	1835SG001	1846SG001	1847SG001	1857SG001	1859SG001	1865SG001	1874SG001	1897SG001	1899SG001	2018SG001	2032SG001	2074SG001	2075SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090211	20090210	20090209	20090209	20090318	20090320	20090206	20090205	20090206	20090205	20090210	20090314	20090206	20090122
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132540002297	6129420604033	6132529210191	6132230802090	6130611600122	6129412404135	6132237202041	6129418204130	6132511242106	6132200299107	6132205502255	6132238012339	6132515102054	6132511222105
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC
Volatile Organics (UG/M3)														
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ
1,1,1-TRICHLOROETHANE	0.389	0.997	0.432	0.233 J	0.633	0.15 U	0.352	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.198 J	1.08 J
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 UJ
1,1,2-TRICHLOROTRIFLUOROETHANE	0.755	1.23	1.24	0.706	1.61	0.08 U	0.882	0.577	0.08 U	0.53	0.986	0.08 U	0.738	1.78 J
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
1,2,3-TRICHLOROBENZENE	0.4 UR	0.4 UR	2.53 J	0.4 UR	0.4 U	0.4 U	5 J	0.4 U	6.11 J	0.4 U	0.4 UR	0.4 U	5.6 J	0.4 UR
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ
1,2,4-TRICHLOROBENZENE	0.19 UJ	0.19 UJ	1.78 J	0.19 U	0.19 U	0.19 U	6.84 J	0.19 U	14.2 J	0.19 U	0.19 UJ	1.23	5.24 J	0.19 UR
1,2,4-TRIMETHYLBENZENE	0.475	7.99	0.389	4.18	0.246 U	0.05 U	0.884	0.716	11.9	9.56	1.37	0.225	1.32	6.81 J
1,2-DIBROMO-3-CHLOROPROPANE	0.1 UR	0.1 UR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 U	0.1 U	0.1 UR
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 UJ
1,2-DICHLOROBENZENE	0.1 U	1.07	0.1 U	0.1 U	0.1 U	0.1 U	1.38	0.1 U	1.13	0.1 U	0.464	0.253	0.1 U	0.1 UJ
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
1,2-DICHLOROPROPANE	0.3	1.31	0.09 U	15.2	0.09 U	0.09 U	0.211	1.03	0.09 U	10.4	16.1	0.09 U	0.253	0.09 UJ
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 UJ
1,3,5-TRIMETHYLBENZENE	0.05 U	2.98	0.159 J	1.02	0.05 U	0.05 U	0.318 J	0.23	4.88 J	2.63	0.496	0.118 J	0.601 J	0.912 J
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	1.05	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.94 J	0.49 U	0.49 U	1.3	0.49 UJ
1,3-DICHLOROBENZENE	0.09 U	0.675	0.09 U	0.09 U	0.09 U	0.09 U	0.919 J	0.09 U	0.656 J	0.09 U	0.241	0.207	0.09 U	0.09 UJ
1,4-DICHLOROBENZENE	0.09 U	1	0.09 U	0.09 U	0.09 U	0.09 U	1.68 J	0.09 U	1.02 J	0.09 U	0.358	0.09 U	0.09 U	0.09 UJ
2-BUTANONE	1.04	0.574 J	4.44	1.29	0.907	0.362 J	7.47	13.6	39.3	79.9	2.99	0.33 U	1.56	1.44 J
ACETONE	8.3 J	1.06 UJ	52.1 J	6.33	6.7	1.99 J	36.8 J	97.8	319 J	307	72.5 J	1.06 U	6.02 J	11.8 J
ACETONITRILE	0.38 UJ	0.38 UJ	0.422 J	0.38 U	0.38 U	0.38 U	0.755 J	0.607 J	0.38 UJ	0.967	0.432 J	0.38 U	0.38 UJ	0.38 UJ
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 UR
ACROLEIN	0.537 J	0.862 J	0.418 J	2.37	0.41 U	0.41 U	1.17	0.862 J	0.41 U	1	0.818 J	0.41 U	1.05	1.56 J
ACRYLONITRILE	0.2 U	0.2 U	0.237 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.626	0.2 U	0.2 U	0.2 U	0.2 UJ
BENZENE	1.33	4.44	2.17	2.65	0.341	0.03 U	4.29	1.95	24.1	13.8	1.04	0.0679 U	1.42	0.465 J
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
BROMODICHLOROMETHANE	0.15 U	8.97	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ
CARBON DISULFIDE	0.762	1.95	0.788	11.6	0.205	0.1 U	0.67	0.545	37.7	1.89	11.9	0.1 U	1.22	1.87 J
CARBON TETRACHLORIDE	0.13 U	0.291 J	0.13 U	0.13 U	0.307	0.5	0.13 U	0.13 U	0.491	0.442	0.13 U	0.13 U	0.509	0.509 J
CHLOROBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 UJ
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ
CHLOROFORM	1	37.8	0.11 U	0.11 U	0.253	0.832	0.2 J	1.56	1.9	0.11 U	0.792	0.11 U	0.329	4.02 J
CHLOROMETHANE	0.07 U	0.07 U	0.07 UJ	0.177 J	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 UJ	1.12	0.07 U	0.07 U	0.29 J	0.07 UJ
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ
CYCLOHEXANE	0.11 U	4.06	0.11 U	0.282 J	1.91	0.11 U	0.11 U	0.298 J	14.6	2.76	0.697	0.11 U	0.11 U	0.11 UJ
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ
DICHLORODIFLUOROMETHANE	246	2.5	6.02	2.26 J	11.5	2.29	3.54	2.2	0.18 U	1.97	4.56	0.18 U	2.3	19.7 J
ETHYLBENZENE	0.64	11.7	0.632	21.4	0.723	0.155 J	1.33	0.814	13.1	20	1.75	0.768	2.4	0.584 J
HEXACHLOROBUTADIENE	0.303 J	0.633 J	0.312 J	0.303 J	0.24 U	0.24 U	0.923 J	0.24 U	0.794 J	0.24 U	0.466 J	0.947	0.646 J	0.24 UJ
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ
HEXANE	0.322 J	26	1.07	0.644	10.1	0.17 U	0.244 J	2.15	56.3	12.9	0.92	0.17 U	0.478	0.452 J
ISOBUTANOL	0.46 U	0.46 U	14	0.46 U	0.46 U	0.46 U	1.15	0.46 U	0.46 U	3.38	3.99	0.46 U	0.46 U	0.46 UJ
ISOPROPYLBENZENE	0.07 U	1.04	0.07 U	0.818	0.07 U	0.07 U	0.07 U	0.07 U	2.32	1.11	0.227	0.07 U	0.07 U	0.07 UJ
M+P-XYLENES	0.791	15.2	0.702	13.8	1.22	0.162 J	1.32	0.99	20.4	16	1.83	0.463 U	2.77	2.12 J
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ
METHYL CYCLOHEXANE	0.08 U	11.9	0.228	1.29	0.165 J	0.08 U	0.333	0.305	25.5	9.05	0.689	0.08 U	0.08 U	0.08 UJ
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ
METHYLENE CHLORIDE	0.08 U	0.265	0.08 U	0.172 J	0.08 U	0.08 U	0.308	0.08 U	0.08 U	0.524	0.08 U	0.08 U	0.08 U	0.195 J
O-XYLENE	0.486	8.44	0.398	6.07	0.06 U	0.06 U	0.633	0.57	9.26	7.76	0.818	0.06 U	1.67	1.77 J
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ
STYRENE	3.2	9.77	0.471	26.4 J	3.46	0.506	6.03	1.88	5.16	264	26.5	5.98	28.6	0.07 UJ
TETRACHLOROETHENE	12.1 J	178	57 J	255	41	1.45 U	5.77 J	8.26	5.21 J	4.08	8.86 J	1.45 U	26.9 J	93.8 J
TOLUENE	1.15 J	11.9 J	2.34	12.7	4.54	1.03	4.59	3.06	46.3	72	2.48 J	0.149 U	2.81	1.86 J
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ
TRICHLOROETHENE	0.08 U	0.225	0.08 U	0.08 U	0.378	0.08 U	0.08 U	0.08 U	0.259	0.08 U	0.08 U	0.08 U	0.356	7.03 J
TRICHLOROFLUOROMETHANE	1780	3.53	11.3	4.35	13.3	1.76	9.86	2.51	0.31 U	1.18	104	0.31 U	2.5	4.69 J
VINYL ACETATE	0.11 UJ	0.11 UJ	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 UJ	0.11 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 08
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0120	0227	0227	0266	0266	0266	0290	0302	0333	0333	0376	0393	0419	0460
Sample ID	0120TW001	0227TW001	0227TW002	0266TW001	0266IW001	0266TW002	0290TW001	0302TW001	0333TW001	0333TW002	0376TW001	0393TW001	0419TW001	0460TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE I	PHASE I-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081014	20081016	20081104	20090110	20090522	20090522	20081015	20090323	20080609	20080722	20090216	20081105	20081013	20090318
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129400602082	6312226602055	6312226602055	6132208002123	6132208002123	6132208002123	6132136112223	6132238012298	6132241001150	6132241001150	6132205414013	6132216806021	6132201802025	6132205502178
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)														
1,2,3,4,6,7,8,9-OCDD	0.0054 U	0.0063 U		0.0078 U			0.0033 U	0.006 U	0.0056 U		0.0031 U	0.0055 U	0.0041 U	0.0078 U
1,2,3,4,6,7,8,9-OCDF	0.0049 U	0.0012 U		0.000774 U			0.0023 U	0.0022 U	0.0058 U		0.00067 U	0.0012 U	0.0047 U	0.00086 U
1,2,3,4,6,7,8-HPCDD	0.0012 U	0.003 U		0.0032 U			0.0023 U	0.0019 U	0.0019 U		0.0011 U	0.0027 U	0.0015 U	0.0027 U
1,2,3,4,6,7,8-HPCDF	0.00099 U	0.001 U		0.00051 U			0.0014 U	0.00083 U	0.0045 U		0.00084 U	0.0011 J	0.0011 U	0.00053 U
1,2,3,4,7,8,9-HPCDF	0.00077 U	0.00093 U		0.000411 U			0.00073 J	0.00053 U	0.00031 U		0.000192 U	0.00062 U	0.00091 U	0.00028 U
1,2,3,4,7,8-HXCDD	0.00075 U	0.000401 U		0.00029 U			0.00044 U	0.00055 U	0.00026 J		0.000432 U	0.0011 U	0.00083 U	0.00023 U
1,2,3,4,7,8-HXCDF	0.00055 J	0.00033 U		0.00046 J			0.000461 U	0.00028 U	0.00043 U		0.00029 U	0.0005 U	0.00037 U	0.00025 U
1,2,3,6,7,8-HXCDD	0.00065 U	0.00035 U		0.000241 U			0.00039 U	0.00043 U	0.00036 J		0.00036 U	0.00092 U	0.00071 U	0.0002 U
1,2,3,6,7,8-HXCDF	0.00045 U	0.00028 U		0.00027 U			0.00039 U	0.0003 U	0.000333 U		0.00017 U	0.000421 U	0.00032 U	0.00018 U
1,2,3,7,8,9-HXCDD	0.00065 U	0.00035 U		0.000241 U			0.00039 U	0.00035 U	0.000142 U		0.00048 U	0.000941 U	0.00071 U	0.00038 U
1,2,3,7,8,9-HXCDF	0.0006 U	0.00038 U		0.000314 U			0.00051 U	0.00063 U	0.000452 U		0.000192 U	0.00057 U	0.00042 U	0.00023 U
1,2,3,7,8-PECDD	0.000894 U	0.000551 U		0.0008 U			0.00034 U	0.001028 U	0.00045 U		0.000552 U	0.000693 U	0.00042 U	0.00086 U
1,2,3,7,8-PECDF	0.000273 U	0.00018 U		0.00063 U			0.000242 U	0.00038 U	0.00043 U		0.00038 U	0.000223 U	0.00037 U	0.000252 U
2,3,4,6,7,8-HXCDF	0.000521 U	0.00033 J		0.00031 U			0.000461 U	0.00025 U	0.00041 J		0.00017 U	0.0005 U	0.00037 U	0.00025 U
2,3,4,7,8-PECDF	0.00042 U	0.0006 U		0.0011 J			0.00078 U	0.00028 U	0.00091 U		0.00046 U	0.000223 J	0.00051 U	0.00033 U
2,3,7,8-TCDD	0.00035 U	0.00023 U		0.00029 U			0.00032 U	0.00038 J	0.00031 J		0.00017 U	0.000223 U	0.00032 U	0.00028 U
2,3,7,8-TCDF	0.00047 U	0.00015 U		0.00039 J			0.00049 U	0.00033 U	0.0012 U		0.0007 U	0.0002 U	0.00017 U	0.00043 U
TEQ	0.000055	0.000033		0.000415			7.3E-06	0.00038	0.000413		0.00017 U	7.79E-05	0.00032 U	0.00028 U
TOTAL HPCDD	0.0012 J	0.003 J		0.0046 J			0.0023 J	0.0019 J	0.0027 J		0.0011 J	0.0027 J	0.0015 J	0.0041 J
TOTAL HPCDF	0.0016 J	0.001629 U		0.0017 J			0.0021 J	0.0013 J	0.0086 J		0.00096 J	0.0013 J	0.0018 J	0.00081 J
TOTAL HXCDD	0.002036 U	0.001102 U		0.000774 U			0.001214 U	0.0013 J	0.00071 J		0.0012 U	0.002924 U	0.0023 U	0.00081 J
TOTAL HXCDF	0.0021 U	0.001303 U		0.0012 J			0.001822 U	0.0014 J	0.004 J		0.0013 J	0.002 U	0.0015 U	0.00081 U
TOTAL PECDD	0.000894 U	0.000551 U		0.0008 J			0.00034 U	0.001028 U	0.00045 J		0.000552 U	0.000693 U	0.00042 U	0.00086 U
TOTAL PECDF	0.00067 J	0.00078 J		0.0014 J			0.0009 J	0.00065 J	0.0013 J		0.00084 J	0.00045 U	0.00073 U	0.000504 U
TOTAL TCDD	0.001043 U	0.00068 U		0.00087 U			0.00095 U	0.00098 U	0.00079 U		0.0007 J	0.00067 U	0.00096 U	0.000831 U
TOTAL TCDF	0.0006 J	0.0003 U		0.00056 J			0.00066 J	0.000451 U	0.0021 J		0.00091 J	0.0004 U	0.00024 U	0.00058 J
Volatile Organics (UG/L)														
1,1,1,2-TETRACHLOROETHANE	0.11 U	0.11 U		0.1 U			0.11 U	0.1 U	0.11 U		0.1 U	0.11 U	0.11 U	0.1 U
1,1,1-TRICHLOROETHANE	0.17 U	0.17 U		0.1 U			0.17 U	0.1 U	0.17 U		0.1 U	0.17 U	0.17 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.05 U	0.05 U		0.08 U			0.05 U	0.08 U	0.05 U		0.08 U	0.05 U	0.05 U	0.08 U
1,1,2-TRICHLOROETHANE	0.11 U	0.11 U		0.1 U			0.11 U	0.1 U	0.11 U		0.1 U	0.11 U	0.11 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.2 U	0.2 U		0.1 U			0.2 U	0.1 U	0.2 U		0.1 U	0.2 U	0.2 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U		0.1 U			0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.13 U	0.13 U		0.14 U			0.13 U	0.14 U	0.13 U		0.14 U	0.13 U	0.13 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.12 U	0.12 U		0.1 U			0.12 U	0.1 U	0.12 U		0.1 U	0.12 U	0.12 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.13 U	0.13 U		0.1 U			0.13 U	0.1 U	0.13 U		0.1 U	0.13 U	0.13 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.13 U	0.13 U		0.1 U			0.13 U	0.1 U	0.13 U		0.1 U	0.13 U	0.13 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U		0.06 U			0.06 U	0.06 U	0.06 U		0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.25 U	0.25 U		0.2 U			0.25 U	0.2 U	0.25 U		0.2 U	0.25 U	0.25 U	0.2 U
1,2-DIBROMOETHANE	0.09 U	0.09 U		0.1 U			0.09 U	0.1 U	0.09 U		0.1 U	0.09 U	0.09 U	0.1 U
1,2-DICHLOROBENZENE	0.07 U	0.07 U		0.08 U			0.07 U	0.08 U	0.07 U		0.08 U	0.07 U	0.07 U	0.08 U
1,2-DICHLOROETHANE	0.08 U	0.08 U		0.1 U			0.08 U	0.1 U	0.08 U		0.1 U	0.08 U	0.08 U	0.1 U
1,2-DICHLOROPROPANE	0.15 U	0.15 U		0.1 U			0.15 U	0.1 U	0.15 U		0.1 U	0.15 U	0.15 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.4 U	0.4 U		0.2 U			0.4 U	0.2 U	0.4 UR		0.2 U	0.4 U	0.4 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U		0.08 U			0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U		0.13 U			0.13 U	0.13 U	0.13 U		0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.11 U	0.11 U		0.1 U			0.11 U	0.1 U	0.11 U		0.1 U	0.11 U	0.11 U	0.1 U
1,4-DICHLOROBENZENE	0.07 U	0.07 U		0.1 U			0.07 U	0.1 U	0.07 U		0.1 U	0.07 U	0.07 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U		0.1 U			0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	1.6 U	1.6 U		2 UJ			1.6 U	2 U	1.6 U		2 U	1.6 U	1.6 U	2 U
2-CHLOROTOLUENE	0.12 U	0.12 U		0.1 U			0.12 U	0.1 U	0.12 U		0.1 U	0.12 U	0.12 U	0.1 U
2-HEXANONE	0.2 U	0.2 U		0.2 U			0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.13 U	0.13 U		0.1 U			0.13 U	0.1 U	0.13 U		0.1 U	0.13 U	0.13 U	0.1 U
4-ISOPROPYLTOLUENE	0.1 U	0.1 U		0.07 U			0.1 U	0.07 U	0.1 U		0.07 U	0.1 U	0.1 U	0.07 U
4-METHYL-2-PENTANONE	0.1 U	0.1 U		0.11 U			0.1 U	0.11 U	0.1 UJ		0.11 U	0.1 U	0.1 U	0.11 U
ACETONE	1 U	1 U		1 U			1 U	1 U	1 U		1 U	4.45 J	1 U	1 U
ACROLEIN	0.4 U	0.4 U		1.3 U			0.4 U	1.3 U	0.4 UR		1.3 U	0.4 U	0.4 U	1.3 U
BENZENE	0.05 U	0.05 U		0.11 U			0.05 U	0.11 U	0.05 U		0.11 U	0.05 U	0.05 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U		0.1 U			0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.12 U	0.12 U		0.1 U			0.422 J	0.1 U	0.12 U		0.1 U	0.12 U	0.12 U	0.1 U
BROMOFORM	5.19	4.96		1.9			6.57	0.06 U	0.06 U		0.06 U	3.98	3.91	2.99
BROMOMETHANE	0.37 U	0.37 U		0.5 U			0.37 U	0.5 U	0.37 U		0.5 U	0.37 U	0.37 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U		0.08 U			0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.12 U	0.12 U		0.1 U			0.12 U	0.1 U	0.12 U		0.1 U	0.12 U	0.12 U	0.1 U
CHLORODIBROMOMETHANE	0.294 J	0.435 J		0.518			1.73	0.1 U	0.14 U		0.1 U	0.218 J	0.278 J	0.1 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 08
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0120	0227	0227	0266	0266	0266	0290	0302	0333	0333	0376	0393	0419	0460
Sample ID	0120TW001	0227TW001	0227TW002	0266TW001	0266IW001	0266TW002	0290TW001	0302TW001	0333TW001	0333TW002	0376TW001	0393TW001	0419TW001	0460TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE I	PHASE I-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081014	20081016	20081104	20090110	20090522	20090522	20081015	20090323	20080609	20080722	20090216	20081105	20081013	20090318
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129400602082	6312226602055	6312226602055	6132208002123	6132208002123	6132208002123	6132136112223	6132238012298	6132241001150	6132241001150	6132205414013	6132216806021	6132201802025	6132205502178
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CHLOROETHANE	0.18 U	0.18 U		0.3 U			0.18 U	0.3 U	0.18 U		0.3 U	0.18 U	0.18 U	0.3 U
CHLOROFORM	0.09 U	0.0998 J		0.09 U			0.158 J	0.09 U	0.11 J		0.09 U	0.09 U	0.09 U	0.09 U
CHLOROMETHANE	0.21 U	0.21 U		0.2 U			0.21 U	0.2 U	0.21 U		0.2 U	0.21 U	0.21 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.13 U	0.13 U		0.1 U			0.13 U	0.1 U	0.13 U		0.1 U	0.13 U	0.13 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.15 U	0.15 U		0.1 U			0.15 U	0.1 U	0.15 U		0.1 U	0.15 U	0.15 U	0.1 U
DICHLORODIFLUOROMETHANE	0.12 U	0.12 U		0.14 U			0.12 U	0.14 U	0.12 UJ		0.14 U	0.12 U	0.12 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U		0.05 U			0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.06 U	0.06 U		0.08 U			0.06 U	0.08 U	0.06 U		0.08 U	0.06 U	0.06 U	0.08 U
M+P-XYLENES	0.125 U	0.09 U		0.1 U			0.09 U	0.1 U	0.09 U		0.1 U	0.09 U	0.09 U	0.1 U
METHYL TERT-BUTYL ETHER	0.11 U	0.11 U		0.1 U			0.11 U	0.1 U	0.11 U		0.1 U	0.11 U	0.11 U	0.1 U
METHYLENE CHLORIDE	0.69 U	0.69 U		0.2 U			0.69 U	0.2 U	0.69 U		0.2 U	0.69 U	0.69 U	0.2 U
N-BUTYLBENZENE	0.05 U	0.05 U		0.07 U			0.05 U	0.07 U	0.05 U		0.07 U	0.05 U	0.05 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U		0.07 U			0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U		0.07 U			0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.04 U	0.04 U		0.06 U			0.04 U	0.06 U	0.04 U		0.06 U	0.04 U	0.04 U	0.06 U
STYRENE	0.08 U	0.08 U		0.08 U			0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.19 U	0.19 U		0.1 U			0.19 U	0.1 U	0.19 U		0.1 U	0.19 U	0.19 U	0.1 U
TETRACHLOROETHENE	0.07 U	0.413 J		0.1 U			0.07 U	0.639 J	29.97		0.1 U	0.07 U	0.07 U	0.1 U
TOLUENE	0.17 U	0.17 U		0.1 U			0.17 U	0.1 U	0.17 U		0.1 U	0.17 U	0.17 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.15 U	0.15 U		0.11 U			0.15 U	0.11 U	0.15 U		0.11 U	0.15 U	0.15 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U		0.07 U			0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U		0.13 U			0.13 U	0.13 U	0.13 U		0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.19 U	0.19 U		0.1 U			0.19 U	0.1 U	0.19 U		0.1 U	0.19 U	0.19 U	0.1 U
VINYL CHLORIDE	0.15 U	0.15 U		0.1 U			0.15 U	0.1 U	0.15 U		0.1 U	0.15 U	0.15 U	0.1 U
Semivolatile Organics (UG/L)														
1,1-BIPHENYL	0.212 U	0.197 U		0.192 U			0.195 U		0.2 U			0.196 U	0.204 U	
1,2,4,5-TETRACHLOROBENZENE	0.212 U	0.197 U		0.192 U			0.195 U		0.2 U			0.196 U	0.204 U	
2,3,4,6-TETRACHLOROPHENOL	0.318 U	0.295 U		0.288 U			0.293 U		0.3 U			0.294 U	0.306 U	
2,4,5-TRICHLOROPHENOL	0.529 U	0.492 U		0.48 U			0.488 U		0.5 U			0.49 U	0.51 U	
2,4,6-TRICHLOROPHENOL	0.529 U	0.492 U		0.48 U			0.488 U		0.5 U			0.49 U	0.51 U	
2,4-DICHLOROPHENOL	0.741 U	0.688 U		0.672 U			0.683 U		0.7 U			0.685 U	0.714 U	
2,4-DIMETHYLPHENOL	1.06 U	0.984 U		0.96 U			0.976 U		1 U			0.979 U	1.02 U	
2,4-DINITROPHENOL	0.318 U	0.295 U		0.288 U			0.293 U		0.3 UJ			0.294 U	0.306 U	
2,4-DINITROTOLUENE	1.06 U	0.984 U		0.96 U			0.976 U		1 U			0.979 U	1.02 U	
2,6-DICHLOROPHENOL	0.847 U	0.787 U		0.768 U			0.781 U		0.8 U			0.783 U	0.816 U	
2,6-DINITROTOLUENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
2-CHLORONAPHTHALENE	0.212 U	0.197 U		0.192 U			0.195 U		0.2 U			0.196 U	0.204 U	
2-CHLOROPHENOL	0.953 U	0.885 U		0.864 U			0.878 U		0.9 U			0.881 U	0.918 U	
2-METHYLNAPHTHALENE	0.212 U	0.197 U		0.192 U			0.195 U		0.2 U			0.196 U	0.204 U	
2-METHYLPHENOL	0.741 U	0.688 U		0.672 U			0.683 U		0.7 U			0.685 U	0.714 U	
2-NITROPHENOL	0.953 U	0.885 U		0.864 U			0.878 U		0.9 U			0.881 U	0.918 U	
3&4-METHYLPHENOL	1.27 U	1.18 U		1.15 U			1.17 U		1.2 U			1.18 U	1.22 U	
3-NITROANILINE	1.06 U	0.984 U		0.96 U			0.976 U		1 U			0.979 U	1.02 U	
4,6-DINITRO-2-METHYLPHENOL	0.212 U	0.197 U		0.192 U			0.195 U		0.2 U			0.196 U	0.204 U	
4-BROMOPHENYL PHENYL ETHER	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
4-CHLORO-3-METHYLPHENOL	0.635 U	0.59 U		0.576 U			0.585 U		0.6 U			0.588 U	0.612 U	
4-CHLOROANILINE	1.06 U	0.984 U		0.96 U			0.976 U		1 U			0.979 U	1.02 U	
4-NITROANILINE	1.06 U	0.984 U		0.96 UJ			0.976 U		1 U			0.979 U	1.02 U	
4-NITROPHENOL	0.318 U	0.295 U		0.288 U			0.293 U		0.3 U			0.294 U	0.306 U	
ACENAPHTHENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
ACENAPHTHYLENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
ANILINE	1.06 U	0.984 U		0.96 U			0.976 U		1 U			0.979 U	1.02 U	
ANTHRACENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
ATRAZINE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
BAP EQUIVALENT	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
BENZO(A)ANTHRACENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
BENZO(A)PYRENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
BENZO(B)FLUORANTHENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
BENZO(G,H,I)PERYLENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
BENZO(K)FLUORANTHENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
BIS(2-ETHYLHEXYL)PHTHALATE	1.48 U	1.38 U		1.34 U			1.37 U		1.4 U			1.37 U	1.43 U	
BUTYL BENZYL PHTHALATE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
CARBAZOLE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
CHRYSENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
DI-N-BUTYL PHTHALATE	1.38 U	1.28 U		1.25 U			1.27 U		1.3 U			1.27 U	1.33 U	
DI-N-OCTYL PHTHALATE	0.212 U	0.197 U		0.192 U			0.195 U		0.2 U			0.196 U	0.204 U	

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 08
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0120	0227	0227	0266	0266	0266	0290	0302	0333	0333	0376	0393	0419	0460
Sample ID	0120TW001	0227TW001	0227TW002	0266TW001	0266IW001	0266TW002	0290TW001	0302TW001	0333TW001	0333TW002	0376TW001	0393TW001	0419TW001	0460TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE I	PHASE I-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081014	20081016	20081104	20090110	20090522	20090522	20081015	20090323	20080609	20080722	20090216	20081105	20081013	20090318
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129400602082	6312226602055	6312226602055	6132208002123	6132208002123	6132208002123	6132136112223	6132238012298	6132241001150	6132241001150	6132205414013	6132216806021	6132201802025	6132205502178
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC
DIBENZO(A,H)ANTHRACENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
DIBENZOFURAN	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
DIETHYL PHTHALATE	0.212 U	0.197 U		0.192 U			0.195 U		0.2 U			0.196 U	0.204 U	
DIMETHYL PHTHALATE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
DIPHENYLAMINE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
FLUORANTHENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
FLUORENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
HEXACHLOROBENZENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
HEXACHLOROBUTADIENE	0.212 U	0.197 U		0.192 U			0.195 U		0.2 U			0.196 U	0.204 U	
HEXACHLOROCYCLOPENTADIENE	1.06 U	0.984 U		0.96 UJ			0.976 U		1 U			0.979 U	1.02 U	
HEXACHLOROETHANE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
INDENO(1,2,3-CD)PYRENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
NAPHTHALENE	0.212 U	0.197 U		0.192 U			0.195 U		0.2 U			0.196 U	0.204 U	
NITROBENZENE	0.212 U	0.197 U		0.192 U			0.195 U		0.2 U			0.196 U	0.204 U	
O-TOLUIDINE	0.741 U	0.688 U		0.672 U			0.683 U		0.7 U			0.685 U	0.714 U	
PENTACHLOROBENZENE	0.212 U	0.197 U		0.192 U			0.195 U		0.2 U			0.196 U	0.204 U	
PENTACHLOROPHENOL	0.318 U	0.295 U		0.288 U			0.293 U		0.3 U			0.294 U	0.306 U	
PHENANTHRENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
PHENOL	1.06 U	0.984 U		0.96 U			0.976 U		1 U			0.979 U	1.02 U	
PYRENE	0.106 U	0.0984 U		0.096 U			0.0976 U		0.1 U			0.0979 U	0.102 U	
Pesticides/PCBs (UG/L)														
4,4'-DDD	0.00322 U	0.00307 U		0.00308 U			0.00318 U		0.0032 U			0.00305 U	0.00313 U	
4,4'-DDE	0.00215 U	0.00205 U		0.00205 U			0.00212 U		0.00213 U			0.00203 U	0.00209 U	
4,4'-DDT	0.00644 U	0.00615 U		0.00616 U			0.00637 U		0.0064 U			0.0061 U	0.00626 U	
ALDRIN	0.00215 U	0.00205 U		0.00205 U			0.00212 U		0.00213 U			0.00203 U	0.00209 U	
ALPHA-BHC	0.00322 U	0.00307 U		0.00308 U			0.00318 U		0.00213 U			0.00305 U	0.00313 U	
ALPHA-CHLORDANE	0.00322 U	0.00307 U		0.00308 U			0.00318 U		0.0032 U			0.00305 U	0.00313 U	
AROCLOR-1016	0.0215 U	0.0205 U		0.0205 U			0.0212 U		0.0213 U			0.0203 U	0.0209 U	
AROCLOR-1221	0.0215 U	0.0205 U		0.0205 U			0.0212 U		0.0213 U			0.0203 U	0.0209 U	
AROCLOR-1232	0.0215 U	0.0205 U		0.0205 U			0.0212 U		0.0213 U			0.0203 U	0.0209 U	
AROCLOR-1242	0.0215 U	0.0205 U		0.0205 U			0.0212 U		0.0213 U			0.0203 U	0.0209 U	
AROCLOR-1248	0.0215 U	0.0205 U		0.0205 U			0.0212 U		0.0213 U			0.0203 U	0.0209 U	
AROCLOR-1254	0.0215 U	0.0205 U		0.0205 U			0.0212 U		0.0213 U			0.0203 U	0.0209 U	
AROCLOR-1260	0.0215 U	0.0205 U		0.0205 U			0.0212 U		0.0213 U			0.0203 U	0.0209 U	
BETA-BHC	0.00215 U	0.00205 U		0.00205 U			0.00212 U		0.00213 U			0.00203 U	0.00209 U	
DELTA-BHC	0.00107 U	0.00102 U		0.00103 U			0.00106 U		0.00107 U			0.00102 U	0.00104 U	
DIELDRIN	0.00322 U	0.00307 U		0.00308 U			0.00318 U		0.0032 U			0.00305 U	0.00313 U	
ENDOSULFAN I	0.00322 U	0.00307 U		0.00308 U			0.00318 U		0.0032 U			0.00305 U	0.00313 U	
ENDOSULFAN II	0.00215 U	0.00205 U		0.00205 U			0.00212 U		0.00213 U			0.00203 U	0.00209 U	
ENDOSULFAN SULFATE	0.00751 U	0.00717 U		0.00719 U			0.00743 U		0.00746 U			0.00712 U	0.0073 U	
ENDRIN	0.00215 U	0.00205 U		0.00205 U			0.00212 U		0.00213 U			0.00203 U	0.00209 U	
ENDRIN ALDEHYDE	0.00215 U	0.00205 U		0.00205 U			0.00212 U		0.00213 UJ			0.00203 U	0.00209 U	
GAMMA-BHC (LINDANE)	0.00107 U	0.00102 U		0.00103 U			0.00106 U		0.00107 U			0.00102 U	0.00104 U	
GAMMA-CHLORDANE	0.00215 U	0.00205 U		0.00205 U			0.00212 U		0.00213 U			0.00203 U	0.00209 U	
HEPTACHLOR	0.00429 U	0.0041 U		0.00411 U			0.00425 U		0.00426 UJ			0.00407 U	0.00417 U	
HEPTACHLOR EPOXIDE	0.00429 U	0.0041 U		0.00411 U			0.00425 U		0.00426 U			0.00407 U	0.00417 U	
METHOXYCHLOR	0.00322 U	0.00307 U		0.00308 U			0.00318 U		0.0032 U			0.00305 U	0.00313 U	
PENTACHLORONITROBENZENE	0.00322 U	0.00307 U		0.00308 U			0.00318 U		0.0032 U			0.00305 U	0.00313 U	
TOXAPHENE	0.0107 U	0.0102 U		0.0103 U			0.0106 U		0.1 U			0.0102 U	0.0104 U	
Radiological Parameters (PCI/L)														
GROSS ALPHA	1.9	1.6		3.8			1.4 U	6.44	5.4		2.9 U	1.9 U	1.4 U	2.42 U
GROSS BETA	9.5	9.5		12.4			8.6	36.8	53.5		3.95	7.3	11.6	6.71
RADIUM-228					0.534 U	0.524 U								
STRONTIUM-90					1.28 U	1.24 U								
Inorganics (UG/L)														
ALUMINUM	2.2 U	4.05		17.2			3.97	120	3.71		3.16	2.82	2.2 U	16.3
ANTIMONY	0.14 U	0.176		0.14 U			0.14 U	0.222 U	0.255		0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	2.53	3.57		5.75			1.27	7.62	5.61		4.09	2.91	2.74	4.43
BARIUM	17.3	22.1		14.7			16.8	7.81	4		16.6	19.4	17.6	23.2
BERYLLIUM	0.03 U	0.03 U		0.03 U			0.03 U	0.127 U	0.167		0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	0.04 U	0.108		0.0489			0.0437	0.0633	0.0577		0.04 U	0.04 U	0.0609	0.04 U
CALCIUM	144	136		109			145	110			131		145	141
CHROMIUM	0.15 U	17.2		3.09			0.15 U	0.15 U	0.73 U		0.76	2.37	0.15 U	0.697 U
COBALT	0.0404	0.327		0.0985			0.301	0.246	0.105		0.0563	0.0456	0.0866	0.163
COPPER	734	24.4		251			24.6	451	64.5 J		101	15.8	1080	42.6
IRON	60.2	1650		217			432	160	6.27		43.7	32	95.8	106

NA-Not Available
J-Estimated value
U-Not detected at that value
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STUDY AREA 08
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0120	0227	0227	0266	0266	0266	0290	0302	0333	0333	0376	0393	0419	0460
Sample ID	0120TW001	0227TW001	0227TW002	0266TW001	0266IW001	0266TW002	0290TW001	0302TW001	0333TW001	0333TW002	0376TW001	0393TW001	0419TW001	0460TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE I	PHASE I-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081014	20081016	20081104	20090110	20090522	20090522	20081015	20090323	20080609	20080722	20090216	20081105	20081013	20090318
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129400602082	6312226602055	6312226602055	6132208002123	6132208002123	6132208002123	6132136112223	6132238012298	6132241001150	6132241001150	6132205414013	6132216806021	6132201802025	6132205502178
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC
LEAD	1.8	8.48		4.09			25.1	1.31	1.8		1.71	1.8	3.69	3.17
MAGNESIUM	22.2	21.8		19.7			22.6	22.1			21.5		22.4	23.1
MANGANESE	2.45	6.57		3.99			9.46	4.42	0.393		0.531	3.18	3.11	6.86
MERCURY	0.015 U	0.026		0.015 U			0.015 U	0.048	0.015 U		0.016	0.04	0.015 U	0.015
NICKEL	13	14.7		6.72			3.3	1.48	1.04		1.29	5.62	21.3	3.07
POTASSIUM	7.81	7.68		4.91			7.6	44.5			7.4		7.78	7.89
SELENIUM	0.456	0.357		0.306			0.599 U	0.539	1.39		0.408	0.264	0.415	0.2 U
SILVER	0.12 U	0.12 U		0.12 U			0.12 U	0.12 U	0.12 U		0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	29.2	28.5		13.9			30.3	67.5			25.5		29.4	25
THALLIUM	0.164 U	0.128 U		0.0619 U			0.365 U	0.04 U	0.32 U		0.665 U	0.12 U	0.156 U	0.04 U
TIN	0.1 U	0.14		0.219			1.37	0.143	0.1 U		0.174	0.1 U	0.1 U	0.215
URANIUM	1.45	1.62		1.5			1.47	9.7	13		1.85	1.62	3.2	1.78
VANADIUM	1.33 U	3.86		3.22			1 U	8.32	13.2		3.22	5.76	4.73 U	3.76
ZINC	174	2070		217			602	315	111 J		192	248	367	118
Microbiological Parameters														
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <			1 <		1 <	1 <	1 <	2	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)									4	0				
PLATE COUNT									480	75				
TOTAL COLIFORM (CFU/100)	1 <	1	1 <	1 <			1 <		165	8.7	1 <	2	1 <	1 <
Miscellaneous Parameters (MG/L)														
CHLORIDE	45.3	44.4		28.7			49.2	95.5	74.6 J		45.8	47.7	45.1	48
CYANIDE	0.004 U	0.004 UJ		0.004 U			0.004 U	0.004 U	0.004 U		0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.419	0.398		0.297			0.351	1.23	0.93		0.379	0.421	0.353	0.44
NITRATE	10.7	10.6		7.88 J			10.1	110	88.4 J		10.8	10.2	10.6	11.4
NITRITE	0.2 U	0.2 U		0.2 UJ			0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
PHOSPHATE	0.4 U	0.4 U		0.4 UJ			0.4 U	0.4 U	0.4 U		0.4 U	0.4 U	0.4 U	0.4 U
SULFATE	12.7	12.2		11.7			12.2	77.7	73.8 J		12.8	12.9	12.8	13.2
Field Parameters														
CHLORINE (MG/L)	0.06	0	0.02	0.08	0.08	0.06	0.26	0	0	0	0.1	0.02	0.02	0.1
DISSOLVED OXYGEN (MG/L)	9.56	9.49	8.59	9.62	8.04	4.26	9.14	5.05	4.59	4.36	9.01	8.56	8.21	6.59
OXIDATION REDUCTION POTENTIAL (MV)	414	361	331	499	407	312	590	346	166	338	459	325	233	527
PH (S.U.)	7.29	7.2	7.04	7.49	7.5	7.22	7.27	7.11	6.95	7.39	6.97	7.15	7.23	7.16
SALINITY (%)	0	0	0	0	0.02	0.02	0	0.1	0.1	0.1	0	0	0	0.02
SPECIFIC CONDUCTANCE (MS/CM)	0.97	0.97	1	0.85	0.857	0.863	1	1.25	1.1	1.2	0.99	1	0.95	0.888
TEMPERATURE (C)	19.53	20.49	18.02	10.99	23.98	25.94	21.98	14.44	19.5	21.57	9.32	20.97	15.23	18.16
TOTAL DISSOLVED SOLIDS														
TURBIDITY (NTU)			5.3	20.3	3.6	0	0	53.3			25.3	1.2		0.3

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R-Rejected value

STUDY AREA 08
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0488	0488	0502	0512	0525	1742	1827	1835	1846	1847	1857	1859	1865	1874
Sample ID	0488TW001	0488TW002	0502TW001	0512TW001	0525TW001	1742TW001	1827TW001	1835TW001	1846TW001	1847TW001	1857TW001	1859TW001	1865TW001	1874TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081128	20090703	20081031	20090610	20081101	20090323	20081013	20081014	20081017	20081017	20081022	20081022	20081024	20081025
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129420604112	6129420604112	6129418202036	6129403202087	6129414806036	6130603714122	6132540002297	6129420604033	6132529210191	6132230802090	6130611600122	6129412404135	6132237202041	6129418204130
Likely Water Source	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)														
1,2,3,4,6,7,8,9-OCDD	0.0038 U		0.0092 U	0.011 U	0.0077 U	0.0082 U	0.0043 U	0.0069 U	0.0057 U	0.0068 U	0.0065 U	0.0098 U	0.0036 U	0.0038 U
1,2,3,4,6,7,8,9-OCDF	0.001522 U		0.002102 U	0.0022 U	0.002304 U	0.00086 U	0.0022 U	0.002532 U	0.0016 U	0.002647 U	0.0015 U	0.0034 U	0.002818 U	0.0033 U
1,2,3,4,6,7,8-HPCDD	0.0014 U		0.0028 U	0.0031 U	0.002 U	0.0018 U	0.0017 U	0.0014 U	0.0018 J	0.001238 U	0.0018 U	0.0024 U	0.0017 U	0.0015 U
1,2,3,4,6,7,8-HPCDF	0.00044 U		0.00069 U	0.0017 U	0.0012 U	0.00023 U	0.00084 U	0.0015 U	0.0013 U	0.0018 U	0.00084 U	0.00076 U	0.00093 U	0.0015 U
1,2,3,4,7,8,9-HPCDF	0.00044 J		0.00092 U	0.00077 U	0.00087 U	0.00025 U	0.0011 U	0.000731 U	0.00072 J	0.00078 U	0.0011 J	0.00091 U	0.00086 U	0.000802 U
1,2,3,4,7,8-HXCDD	0.00025 U		0.000732 U	0.00025 U	0.00072 U	0.00046 U	0.00069 U	0.00047 J	0.000544 U	0.00066 U	0.00058 U	0.00072 U	0.000661 U	0.00061 U
1,2,3,4,7,8-HXCDF	0.00056 U		0.0009 U	0.0003 U	0.000371 U	0.00028 U	0.00042 U	0.0005 U	0.0003 U	0.000291 U	0.00048 U	0.00069 U	0.00081 U	0.000413 U
1,2,3,6,7,8-HXCDD	0.000221 U		0.00064 U	0.00037 U	0.00062 U	0.000304 U	0.0006 U	0.00037 U	0.00047 U	0.00056 U	0.00048 U	0.000621 U	0.000563 U	0.00051 U
1,2,3,6,7,8-HXCDF	0.0002 U		0.00076 U	0.00025 U	0.000322 U	0.00023 U	0.00037 U	0.00042 U	0.00025 U	0.000242 U	0.00041 U	0.000454 U	0.000441 U	0.00034 U
1,2,3,7,8,9-HXCDD	0.000221 J		0.00064 U	0.000223 U	0.000644 U	0.00043 U	0.0006 U	0.00037 U	0.00047 U	0.000582 U	0.00051 U	0.00065 U	0.00064 J	0.000534 U
1,2,3,7,8,9-HXCDF	0.00027 U		0.001039 U	0.000322 U	0.000421 U	0.00035 U	0.0005 U	0.000574 U	0.00035 U	0.00041 J	0.00053 U	0.000621 U	0.000612 U	0.00049 U
1,2,3,7,8-PECDD	0.000712 U		0.00073 J	0.001015 U	0.00045 U	0.001241 U	0.00042 U	0.00068 U	0.00057 U	0.00066 U	0.00051 U	0.000741 U	0.00071 U	0.00061 U
1,2,3,7,8-PECDF	0.0002 U		0.000401 U	0.00027 J	0.00025 U	0.00038 U	0.00035 U	0.00023 U	0.00027 U	0.00027 U	0.000144 U	0.00043 U	0.0002 U	0.00049 U
2,3,4,6,7,8-HXCDF	0.00025 U		0.0009 U	0.0003 U	0.000371 U	0.00028 U	0.00042 U	0.0005 U	0.0003 U	0.000291 U	0.00046 U	0.00055 U	0.00054 U	0.000413 U
2,3,4,7,8-PECDF	0.00044 U		0.000401 U	0.0005 U	0.0003 U	0.00038 U	0.00047 U	0.00055 U	0.00059 U	0.00032 U	0.00063 U	0.00057 U	0.00029 U	0.00092 U
2,3,7,8-TCDD	0.000294 U		0.00038 U	0.00025 U	0.000322 U	0.00048 J	0.0003 U	0.00029 U	0.000222 U	0.000242 U	0.000384 U	0.00031 U	0.000294 U	0.000243 U
2,3,7,8-TCDF	0.000221 U		0.00061 U	0.0002 J	0.0002 U	0.00048 U	0.00015 U	0.00042 U	0.00022 U	0.00032 U	0.00026 U	0.00022 U	0.00022 U	0.00034 U
TEQ	2.65E-05		0.00073	2.81E-05	0.000322 U	0.00048	0.0003 U	0.000047	2.52E-05	0.000041	0.000011	0.00031 U	0.000064	0.000243 U
TOTAL HPCDD	0.0014 J		0.0028 J	0.0031 J	0.002 J	0.0018 J	0.0017 J	0.0014 U	0.0018 J	0.001238 U	0.0018 J	0.0024 J	0.0017 U	0.0015 J
TOTAL HPCDF	0.00088 J		0.0016 J	0.0019 J	0.001511 U	0.00048 J	0.00191 U	0.0021 J	0.002 J	0.0037 J	0.0019 J	0.0016 U	0.0015 U	0.0018 J
TOTAL HXCDD	0.00069 U		0.002008 U	0.00072 J	0.002 U	0.0011 J	0.0019 U	0.0012 U	0.0015 U	0.0018 U	0.0016 U	0.002 U	0.001813 U	0.0017 U
TOTAL HXCDF	0.001 J		0.0036 U	0.0012 U	0.0015 U	0.0011 U	0.00171 U	0.002 U	0.0012 U	0.0012 U	0.0019 U	0.0022 U	0.002132 U	0.0017 U
TOTAL PECDD	0.000712 U		0.00073 J	0.001015 U	0.00045 U	0.001241 U	0.00042 U	0.00068 U	0.00057 U	0.00066 U	0.00051 U	0.000741 U	0.00071 U	0.00061 U
TOTAL PECDF	0.00056 J		0.000803 U	0.00079 J	0.00055 J	0.00076 U	0.00072 U	0.00078 J	0.00087 J	0.00058 J	0.00072 J	0.001 J	0.00042 J	0.0011 J
TOTAL TCDD	0.000884 U		0.001134 U	0.000743 U	0.00097 U	0.0018 J	0.00089 U	0.000861 U	0.00067 U	0.00073 U	0.0012 U	0.000932 U	0.000882 U	0.00073 U
TOTAL TCDF	0.000442 U		0.00085 J	0.0003 U	0.00042 J	0.00066 J	0.00025 U	0.00047 U	0.00035 J	0.00046 J	0.00034 U	0.00043 U	0.000441 U	0.00049 U
Volatile Organics (UG/L)														
1,1,1,2-TETRACHLOROETHANE	0.11 U		0.11 U	0.1 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
1,1,1-TRICHLOROETHANE	0.17 U		0.17 U	0.1 U	0.17 U	0.1 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
1,1,2,2-TETRACHLOROETHANE	0.05 U		0.05 U	0.08 U	0.05 U	0.08 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1,2-TRICHLOROETHANE	0.11 U		0.11 U	0.1 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.2 U		0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-DICHLOROETHANE	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.13 U		0.13 U	0.14 U	0.13 U	0.14 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2,3-TRICHLOROBENZENE	0.12 U		0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2,3-TRICHLOROPROPANE	0.13 U		0.13 U	0.1 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2,4-TRICHLOROBENZENE	0.13 U		0.13 U	0.1 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2,4-TRIMETHYLBENZENE	0.06 U		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.25 U		0.25 U	0.2 U	0.25 U	0.2 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,2-DIBROMOETHANE	0.09 U		0.09 U	0.1 U	0.09 U	0.1 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
1,2-DICHLOROBENZENE	0.07 U		0.07 U	0.08 U	0.07 U	0.08 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2-DICHLOROETHANE	0.08 U		0.08 U	0.1 U	0.08 U	0.1 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROPROPANE	0.15 U		0.15 U	0.1 U	0.15 U	0.1 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
1,2-DICHLOROTETRAFLUOROETHANE	0.4 U		0.4 U	0.2 U	0.4 U	0.2 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-TRIMETHYLBENZENE	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.11 U		0.11 U	0.1 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
1,4-DICHLOROBENZENE	0.07 U		0.07 U	0.1 U	0.07 U	0.1 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
2,2-DICHLOROPROPANE	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	1.6 U		1.6 U	2 U	1.6 U	2 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
2-CHLOROTOLUENE	0.12 U		0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
2-HEXANONE	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.13 U		0.13 U	0.1 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
4-ISOPROPYLTOLUENE	0.1 U		0.1 U	0.07 U	0.1 U	0.07 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-METHYL-2-PENTANONE	0.1 U		0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
ACETONE	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	0.4 U		0.4 U	1.3 U	0.4 U	1.3 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZENE	0.05 U		0.05 U	0.11 U	0.05 U	0.11 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
BROMOCHLOROMETHANE	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.12 U		0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.12 U	0.12 U	0.12 U	0.135 J	0.12 U	0.12 U	0.12 U
BROMOFORM	0.06 U		2.96	3.2	3.07	3.5	5.04	3.38	1.23	5.87	3.43	2.41	2.94	4.18
BROMOMETHANE	0.37 U		0.37 U	0.5 U	0.37 U	0.5 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
CARBON TETRACHLORIDE	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.12 U		0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
CHLORODIBROMOMETHANE	0.14 U		0.281 J	0.277 J	0.338 J	0.323 J	0.352 J	0.208 J	0.217 J	0.35 J	0.523	0.282 J	0.365 J	0.378 J

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 08
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0488	0488	0502	0512	0525	1742	1827	1835	1846	1847	1857	1859	1865	1874
Sample ID	0488TW001	0488TW002	0502TW001	0512TW001	0525TW001	1742TW001	1827TW001	1835TW001	1846TW001	1847TW001	1857TW001	1859TW001	1865TW001	1874TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081128	20090703	20081031	20090610	20081101	20090323	20081013	20081014	20081017	20081017	20081022	20081022	20081024	20081025
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129420604112	6129420604112	6129418202036	6129403202087	6129414806036	6130603714122	6132540002297	6129420604033	6132529210191	6132230802090	6130611600122	6129412404135	6132237202041	6129418204130
Likely Water Source	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CHLOROETHANE	0.18 U		0.18 U	0.3 U	0.18 U	0.3 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
CHLOROFORM	0.09 U		0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.256 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CHLOROMETHANE	0.21 U		0.21 U	0.2 U	0.21 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
CIS-1,2-DICHLOROETHENE	0.13 U		0.13 U	0.1 U	0.13 U	0.1 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
CIS-1,3-DICHLOROPROPENE	0.15 U		0.15 U	0.1 U	0.15 U	0.1 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	0.12 U		0.12 U	0.14 U	0.12 U	0.14 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
ETHYLBENZENE	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.06 U		0.06 U	0.08 U	0.06 U	0.08 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
M+P-XYLENES	0.09 U		0.09 U	0.1 U	0.09 U	0.1 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
METHYL TERT-BUTYL ETHER	0.11 U		0.11 U	0.1 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
METHYLENE CHLORIDE	0.69 U		0.69 U	0.2 U	0.69 U	0.2 U	0.69 U	0.69 U	0.69 U	0.954 J	0.69 U	0.69 U	0.69 U	0.69 U
N-BUTYLBENZENE	0.05 U		0.05 U	0.07 U	0.05 U	0.07 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
N-PROPYLBENZENE	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.04 U		0.04 U	0.06 U	0.04 U	0.06 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
STYRENE	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.19 U		0.19 U	0.1 U	0.19 U	0.1 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
TETRACHLOROETHENE	0.533 J		0.07 U	0.1 U	0.07 U	0.1 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TOLUENE	0.17 U		0.17 U	0.1 U	0.17 U	0.1 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRANS-1,2-DICHLOROETHENE	0.15 U		0.15 U	0.11 U	0.15 U	0.11 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
TRANS-1,3-DICHLOROPROPENE	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.2 J		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.19 U		0.19 U	0.1 U	0.19 U	0.1 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
VINYL CHLORIDE	0.15 U		0.15 U	0.1 U	0.15 U	0.1 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Semivolatile Organics (UG/L)														
1,1-BIPHENYL	0.193 U		0.191 U		0.195 U		0.201 U	0.207 U	0.189 U	0.197 U	0.19 U	0.193 U	0.192 U	0.195 U
1,2,4,5-TETRACHLOROBENZENE	0.193 U		0.191 U		0.195 U		0.201 U	0.207 U	0.189 U	0.197 U	0.19 U	0.193 U	0.192 U	0.195 U
2,3,4,6-TETRACHLOROPHENOL	0.289 U		0.287 U		0.293 U		0.302 U	0.31 U	0.284 U	0.296 U	0.285 U	0.29 U	0.288 U	0.292 U
2,4,5-TRICHLOROPHENOL	0.482 U		0.478 U		0.489 U		0.503 U	0.517 U	0.474 U	0.494 U	0.475 U	0.482 U	0.48 U	0.487 U
2,4,6-TRICHLOROPHENOL	0.482 U		0.478 U		0.489 U		0.503 U	0.517 U	0.474 U	0.494 U	0.475 U	0.482 U	0.48 U	0.487 U
2,4-DICHLOROPHENOL	0.674 U		0.669 U		0.684 U		0.704 U	0.724 U	0.663 U	0.691 U	0.666 U	0.676 U	0.672 U	0.681 U
2,4-DIMETHYLPHENOL	0.964 U		0.955 U		0.977 U		1.01 U	1.03 U	0.947 U	0.987 U	0.951 U	0.965 U	0.96 U	0.973 U
2,4-DINITROPHENOL	0.289 U		0.287 U		0.293 U		0.302 U	0.31 U	0.284 U	0.296 U	0.285 U	0.29 U	0.288 U	0.292 U
2,4-DINITROTOLUENE	0.964 U		0.955 U		0.977 U		1.01 U	1.03 U	0.947 U	0.987 U	0.951 U	0.965 U	0.96 U	0.973 U
2,6-DICHLOROPHENOL	0.771 U		0.764 U		0.782 U		0.804 U	0.827 U	0.758 U	0.79 U	0.761 U	0.772 U	0.768 U	0.778 U
2,6-DINITROTOLUENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
2-CHLORONAPHTHALENE	0.193 U		0.191 U		0.195 U		0.201 U	0.207 U	0.189 U	0.197 U	0.19 U	0.193 U	0.192 U	0.195 U
2-CHLOROPHENOL	0.867 U		0.86 U		0.88 U		0.905 U	0.931 U	0.853 U	0.889 U	0.856 U	0.868 U	0.864 U	0.876 U
2-METHYLNAPHTHALENE	0.193 U		0.191 U		0.195 U		0.201 U	0.207 U	0.189 U	0.197 U	0.19 U	0.193 U	0.192 U	0.195 U
2-METHYLPHENOL	0.674 U		0.669 U		0.684 U		0.704 U	0.724 U	0.663 U	0.691 U	0.666 U	0.676 U	0.672 U	0.681 U
2-NITROPHENOL	0.867 U		0.86 U		0.88 U		0.905 U	0.931 U	0.853 U	0.889 U	0.856 U	0.868 U	0.864 U	0.876 U
3&4-METHYLPHENOL	1.16 U		1.15 U		1.17 U		1.21 U	1.24 U	1.14 U	1.18 U	1.14 U	1.16 U	1.15 U	1.17 U
3-NITROANILINE	0.964 U		0.955 U		0.977 U		1.01 U	1.03 U	0.947 U	0.987 U	0.951 U	0.965 U	0.96 U	0.973 U
4,6-DINITRO-2-METHYLPHENOL	0.193 U		0.191 U		0.195 U		0.201 U	0.207 U	0.189 U	0.197 U	0.19 U	0.193 U	0.192 U	0.195 U
4-BROMOPHENYL PHENYL ETHER	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
4-CHLORO-3-METHYLPHENOL	0.578 U		0.573 U		0.586 U		0.603 U	0.621 U	0.568 U	0.592 U	0.571 U	0.579 U	0.576 U	0.584 U
4-CHLOROANILINE	0.964 U		0.955 U		0.977 U		1.01 U	1.03 U	0.947 U	0.987 U	0.951 U	0.965 U	0.96 U	0.973 U
4-NITROANILINE	0.964 U		0.955 U		0.977 U		1.01 U	1.03 U	0.947 U	0.987 U	0.951 U	0.965 U	0.96 U	0.973 U
4-NITROPHENOL	0.289 U		0.287 U		0.293 U		0.302 U	0.31 U	0.284 U	0.296 U	0.285 U	0.29 U	0.288 U	0.292 U
ACENAPHTHENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
ACENAPHTHYLENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
ANILINE	0.964 U		0.955 U		0.977 U		1.01 U	1.03 U	0.947 U	0.987 U	0.951 U	0.965 U	0.96 U	0.973 U
ANTHRACENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
ATRAZINE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
BAP EQUIVALENT	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
BENZO(A)ANTHRACENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
BENZO(A)PYRENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
BENZO(B)FLUORANTHENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
BENZO(G,H,I)PERYLENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
BENZO(K)FLUORANTHENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
BIS(2-ETHYLHEXYL)PHTHALATE	2.08 U		1.34 U		1.37 U		1.41 U	1.45 U	1.33 U	1.38 U	1.33 U	1.35 U	1.6 J	1.36 U
BUTYL BENZYL PHTHALATE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
CARBAZOLE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
CHRYSENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
DI-N-BUTYL PHTHALATE	1.25 U		1.24 U		1.27 U		1.31 U	1.34 U	1.23 U	1.28 U	1.24 U	1.25 U	1.25 U	1.27 U
DI-N-OCTYL PHTHALATE	0.193 U		0.191 U		0.195 U		0.201 U	0.207 U	0.189 U	0.197 U	0.19 U	0.193 U	0.192 U	0.195 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 08
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0488	0488	0502	0512	0525	1742	1827	1835	1846	1847	1857	1859	1865	1874
Sample ID	0488TW001	0488TW002	0502TW001	0512TW001	0525TW001	1742TW001	1827TW001	1835TW001	1846TW001	1847TW001	1857TW001	1859TW001	1865TW001	1874TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081128	20090703	20081031	20090610	20081101	20090323	20081013	20081014	20081017	20081017	20081022	20081022	20081024	20081025
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129420604112	6129420604112	6129418202036	6129403202087	6129414806036	6130603714122	6132540002297	6129420604033	6132529210191	6132230802090	6130611600122	6129412404135	6132237202041	6129418204130
Likely Water Source	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
DIBENZO(A,H)ANTHRACENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
DIBENZOFURAN	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
DIETHYL PHTHALATE	0.193 U		0.191 U		0.195 U		0.604 J	0.561 J	0.189 U	0.197 U	0.19 U	0.193 U	0.192 U	0.195 U
DIMETHYL PHTHALATE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
DIPHENYLAMINE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
FLUORANTHENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
FLUORENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
HEXACHLOROBENZENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
HEXACHLOROBUTADIENE	0.193 U		0.191 U		0.195 U		0.201 U	0.207 U	0.189 U	0.197 U	0.19 U	0.193 U	0.192 U	0.195 U
HEXACHLOROCYCLOPENTADIENE	0.964 U		0.955 U		0.977 U		1.01 U	1.03 U	0.947 U	0.987 U	0.951 U	0.965 U	0.96 U	0.973 U
HEXACHLOROETHANE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
INDENO(1,2,3-CD)PYRENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
NAPHTHALENE	0.193 U		0.191 U		0.195 U		0.201 U	0.207 U	0.189 U	0.197 U	0.19 U	0.193 U	0.192 U	0.195 U
NITROBENZENE	0.193 U		0.191 U		0.195 U		0.201 U	0.207 U	0.189 U	0.197 U	0.19 U	0.193 U	0.192 U	0.195 U
O-TOLUIDINE	0.674 U		0.669 U		0.684 U		0.704 U	0.724 U	0.663 U	0.691 U	0.666 U	0.676 U	0.672 U	0.681 U
PENTACHLOROBENZENE	0.193 U		0.191 U		0.195 U		0.201 U	0.207 U	0.189 U	0.197 U	0.19 U	0.193 U	0.192 U	0.195 U
PENTACHLOROPHENOL	0.289 U		0.287 U		0.293 U		0.302 U	0.31 U	0.284 U	0.296 U	0.285 U	0.29 U	0.288 U	0.292 U
PHENANTHRENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
PHENOL	0.964 U		0.955 U		0.977 U		1.01 U	1.03 U	0.947 U	0.987 U	0.951 U	0.965 U	0.96 U	0.973 U
PYRENE	0.0964 U		0.0955 U		0.0977 U		0.101 U	0.103 U	0.0947 U	0.0987 U	0.0951 U	0.0965 U	0.096 U	0.0973 U
Pesticides/PCBs (UG/L)														
4,4'-DDD	0.0031 U		0.00307 U		0.00309 UJ		0.00312 U	0.00305 U	0.00309 U	0.0031 U	0.00299 U	0.00313 U	0.00314 U	0.00317 U
4,4'-DDE	0.00207 U		0.00204 U		0.00206 UJ		0.00208 U	0.00203 U	0.00206 U	0.00206 U	0.00199 U	0.00209 U	0.00209 U	0.00211 U
4,4'-DDT	0.0062 U		0.00613 U		0.00618 UJ		0.00625 U	0.0061 U	0.00617 U	0.00619 U	0.00598 U	0.00626 U	0.00628 U	0.00634 U
ALDRIN	0.00207 U		0.00204 U		0.00206 UJ		0.00208 U	0.00203 U	0.00206 U	0.00206 U	0.00199 U	0.00209 U	0.00209 U	0.00211 U
ALPHA-BHC	0.0031 U		0.00307 U		0.00309 UJ		0.00312 U	0.00305 U	0.00309 U	0.0031 U	0.00299 U	0.00313 U	0.00314 U	0.00317 U
ALPHA-CHLORDANE	0.0031 U		0.00307 U		0.00309 UJ		0.00312 U	0.00305 U	0.00309 U	0.0031 U	0.00299 U	0.00313 U	0.00314 U	0.00317 U
AROCLOR-1016	0.0207 U		0.0204 U		0.0206 UJ		0.0208 U	0.0203 U	0.0206 U	0.0206 U	0.0199 U	0.0209 U	0.0209 U	0.0211 U
AROCLOR-1221	0.0207 U		0.0204 U		0.0206 UJ		0.0208 U	0.0203 U	0.0206 U	0.0206 U	0.0199 U	0.0209 U	0.0209 U	0.0211 U
AROCLOR-1232	0.0207 U		0.0204 U		0.0206 UJ		0.0208 U	0.0203 U	0.0206 U	0.0206 U	0.0199 U	0.0209 U	0.0209 U	0.0211 U
AROCLOR-1242	0.0207 U		0.0204 U		0.0206 UJ		0.0208 U	0.0203 U	0.0206 U	0.0206 U	0.0199 U	0.0209 U	0.0209 U	0.0211 U
AROCLOR-1248	0.0207 U		0.0204 U		0.0206 UJ		0.0208 U	0.0203 U	0.0206 U	0.0206 U	0.0199 U	0.0209 U	0.0209 U	0.0211 U
AROCLOR-1254	0.0207 U		0.0204 U		0.0206 UJ		0.0208 U	0.0203 U	0.0206 U	0.0206 U	0.0199 U	0.0209 U	0.0209 U	0.0211 U
AROCLOR-1260	0.0207 U		0.0204 U		0.0206 UJ		0.0208 U	0.0203 U	0.0206 U	0.0206 U	0.0199 U	0.0209 U	0.0209 U	0.0211 U
BETA-BHC	0.00207 U		0.00204 U		0.00206 UJ		0.00208 U	0.00203 U	0.00206 U	0.00206 U	0.00199 U	0.00209 U	0.00209 U	0.00211 U
DELTA-BHC	0.00103 U		0.00102 U		0.00103 UJ		0.00104 U	0.00102 U	0.00103 U	0.00103 U	0.000997 U	0.00104 U	0.00105 U	0.00106 U
DIELDRIN	0.0031 U		0.00307 U		0.00309 UJ		0.00312 U	0.00305 U	0.00309 U	0.0031 U	0.00299 U	0.00313 U	0.00314 U	0.00317 U
ENDOSULFAN I	0.0031 U		0.00307 U		0.00309 UJ		0.00312 U	0.00305 U	0.00309 U	0.0031 U	0.00299 U	0.00313 U	0.00314 U	0.00317 U
ENDOSULFAN II	0.00207 U		0.00204 U		0.00206 UJ		0.00208 U	0.00203 U	0.00206 U	0.00206 U	0.00199 U	0.00209 U	0.00209 U	0.00211 U
ENDOSULFAN SULFATE	0.00723 U		0.00716 U		0.00721 UJ		0.00729 U	0.00712 U	0.0072 U	0.00722 U	0.00698 U	0.00731 U	0.00732 U	0.00739 U
ENDRIN	0.00207 U		0.00204 U		0.00206 UJ		0.00208 U	0.00203 U	0.00206 U	0.00206 U	0.00199 U	0.00209 U	0.00209 U	0.00211 U
ENDRIN ALDEHYDE	0.00207 U		0.00204 U		0.00206 UJ		0.00208 U	0.00203 U	0.00206 U	0.00206 U	0.00199 U	0.00209 U	0.00209 U	0.00211 U
GAMMA-BHC (LINDANE)	0.00103 U		0.00102 U		0.00103 UJ		0.00104 U	0.00102 U	0.00103 U	0.00103 U	0.000997 U	0.00104 U	0.00105 U	0.00106 U
GAMMA-CHLORDANE	0.00207 U		0.00204 U		0.00206 UJ		0.00208 U	0.00203 U	0.00206 U	0.00206 U	0.00199 U	0.00209 U	0.00209 U	0.00211 U
HEPTACHLOR	0.00413 U		0.00409 U		0.00412 UJ		0.00417 U	0.00407 U	0.00412 U	0.00413 U	0.00399 U	0.00418 U	0.00418 U	0.00422 U
HEPTACHLOR EPOXIDE	0.00413 U		0.00409 U		0.00412 UJ		0.00417 U	0.00407 U	0.00412 U	0.00413 U	0.00399 U	0.00418 U	0.00418 U	0.00422 U
METHOXYCHLOR	0.0031 U		0.00307 U		0.00309 UJ		0.00312 U	0.00305 U	0.00309 U	0.0031 U	0.00299 U	0.00313 U	0.00314 U	0.00317 U
PENTACHLORONITROBENZENE	0.0031 U		0.00307 U		0.00309 UJ		0.00312 U	0.00305 U	0.00309 U	0.0031 U	0.00299 U	0.00313 U	0.00314 U	0.00317 U
TOXAPHENE	0.0103 U		0.0102 U		0.0103 UJ		0.0104 U	0.0102 U	0.0103 U	0.0103 U	0.00997 U	0.0104 U	0.0105 U	0.0106 U
Radiological Parameters (PCI/L)														
GROSS ALPHA	6.2		1.4 U	2.95 U	1.6 U	2.73 U	1.6	1.6 U	1.9	1.4 U	1.4 U	1.1 U	2 U	1.1 U
GROSS BETA	62.2		9.2	4.96	7.6	2.56 U	10.3	8.6	8.1	7	5.4 U	7	6 U	24.6
RADIUM-228		0.793												
STRONTIUM-90		1.86 U												
Inorganics (UG/L)														
ALUMINUM	4.19		2.2 U	195	3.43	13.5	2.2 U	2.2 U	5.02	4.99	2.2 U	6.58	2.4	5.65
ANTIMONY	0.477		0.145	0.196	0.14 U	0.14 U	0.181	0.14 U	0.958	0.14 U	0.149	0.302	0.221	0.213
ARSENIC	7.66		3.03	5.81	3.23	5.94	3.03	2.64	4.28	3.3	1.56	3.09	2.69	2.73
BARIUM	1.95		17.1	17.2	15.7	17.9	23	18.4	9.29	14.2	0.4 U	16.9	18.6	20
BERYLLIUM	0.452		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.0687	0.0416	0.03 U	0.03 U	0.03 U	0.03 U
CADMIUM	0.04 U		0.04 U	0.0616	0.0451	0.04 U	0.116	0.04 U	0.26	0.04 U	0.04 U	0.112	0.04 U	0.0722
CALCIUM	103		138	139		134	140	151	136					136
CHROMIUM	0.892 U		2.42	0.491	2	0.382	1.13	0.15 U	0.15 U	0.448	1.96	1.5	0.15 U	0.15 U
COBALT	0.0713		0.0341	0.179	0.178	7.68	0.147	0.0942	0.227	0.0991	0.0357	0.146	0.0424	0.242
COPPER	39.7		184	406	39.3	54.9	82.3	36.6	1790	12.6	5.83	253	14	32
IRON	8.83		17	9.86	31.8	188	480	35.6	157	17.7	50.9	123	36.2	1660

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STUDY AREA 08
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0488	0488	0502	0512	0525	1742	1827	1835	1846	1847	1857	1859	1865	1874
Sample ID	0488TW001	0488TW002	0502TW001	0512TW001	0525TW001	1742TW001	1827TW001	1835TW001	1846TW001	1847TW001	1857TW001	1859TW001	1865TW001	1874TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20081128	20090703	20081031	20090610	20081101	20090323	20081013	20081014	20081017	20081017	20081022	20081022	20081024	20081025
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129420604112	6129420604112	6129418202036	6129403202087	6129414806036	6130603714122	6132540002297	6129420604033	6132529210191	6132230802090	6130611600122	6129412404135	6132237202041	6129418204130
Likely Water Source	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
LEAD	1.74		4.03	7.28	0.752	2.21	6.91	3.71	9.1	2.02	1.75	8.49	0.723	6.68
MAGNESIUM	32.3		20.9	22.2		22	21.9	22.8	22.6					21.6
MANGANESE	1.64		0.39	1.22 U	3.19	11.6	8.73	2.44	30.6	1.14	1.3	6.14	5.95	12.3
MERCURY	0.026		0.077	0.015 U	0.041	0.04	0.015 U	0.015 U	0.038	0.045	0.015 U	0.034	0.015 U	0.015 U
NICKEL	0.374		3.64	53.1	1.44	10.2	20	119	31.9	2.61	43.4	218	1.52	40.7
POTASSIUM	46.5		7.83	7.01		7.82	7.89	7.6	8.39					7.54
SELENIUM	0.419		0.316	0.2 U	0.294	0.368	0.354	0.413	1.73	0.364	0.2 U	0.264	0.305	0.222
SILVER	0.12 U		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.328	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	100		27.2	25.8		23.3	28.5	30	30.7					26.2
THALLIUM	0.0422 U		0.0863 U	0.04 U	0.119 U	0.04 U	0.04 U	0.0701 U	0.0948 U	0.0896 U	0.04 U	0.04 U	0.278 U	0.0741 U
TIN	0.69		0.1 U	0.291	0.158	0.432	0.1 U	0.124	0.565	0.342	0.1 U	0.357	0.1 U	0.13
URANIUM	13.4		1.64	3.38	1.51	1.34	1.4	1.54	12.1	1.45	1.35	1.52	1.88	1.69
VANADIUM	11.6		3.26	2.22	2.81	1.14	4.51 U	2.73 U	4.21	3.88	4.69 U	3.83 U	2.58	2.23
ZINC	56.9		127	1910	104	117	1230	101	1790	610	41	802	179	252
Microbiological Parameters														
FECAL COLIFORM (CFU/100)	1 <		1 <	1 <	1 <		1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)														
PLATE COUNT														
TOTAL COLIFORM (CFU/100)	17.8 J		1 <	1 <	1 <		1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)														
CHLORIDE	97.2		46.3	54.9	43.5	48.5	47.5	47.5	48.4	45.8	36.4	45.8	45.6	44.6
CYANIDE	0.004 U		0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	1.54		0.53	0.388	0.404	0.383	0.41	0.372	0.366	0.392	0.359	0.392	0.314	0.342
NITRATE	77.7 J		10.9 J	9.99 J	9.75 J	10.6	11.1	10.1	9.59 J	9.79 J	8.3	10.7	10.8 J	10.8 J
NITRITE	0.2 UJ		0.2 UJ	0.2 UR	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 UJ
PHOSPHATE	0.4 UJ		0.4 UJ	0.4 UR	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
SULFATE	61.9		15.5	12.1	12.5	12.2	13.2	12	12.3	13.4	12.1	13.2	13.6	13.4
Field Parameters														
CHLORINE (MG/L)	0	0.06	0.08	0.08	0.08	0.09	0.02	0.1	0.02	0	0.03	0.1	0.04	0.06
DISSOLVED OXYGEN (MG/L)	5.8	10.35	7.73	5.16	7.85	8.7	8.37	8.24	8.61	9.86	8.43	862	7.73	8.94
OXIDATION REDUCTION POTENTIAL (MV)	330	239	325	398	414	466	330	488	288	317	322	495	434	536
PH (S.U.)	7	7.04	7.13	6.86	7.03	7.06	7.37	7.17	7.15	7.31	7.07	7.39	7.12	7.24
SALINITY (%)	0.1	0.03	0	0.03	0	0	0	0	0	0	0	0	0	0
SPECIFIC CONDUCTANCE (MS/CM)	1.41	1.23	0.97	0.949	1	0.966	0.92	1	1.1	1	1	1	1	0.96
TEMPERATURE (C)	14.76	19.38	21.43	23.27	19.04	13.2	19.02	18.57	18.39	23.52	19.43	20.05	22.6	20.69
TOTAL DISSOLVED SOLIDS			0.63											
TURBIDITY (NTU)	5.3	0	8.7	0	4	3.5			10.7	62	0	0	0	5

NA-Not Available
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R-Rejected value

STUDY AREA 08
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1874	1897	1899	2018	2032	2074
Sample ID	1874TW002	1897TW001	1899TW001	2018TW001	2032TW001	2074TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090527	20081103	20081105	20090210	20090314	20090206
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129418204130	6132511242106	6132200299107	6132205502255	6132238012339	6132515102054
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC
Dioxins/Furans (NG/L)						
1,2,3,4,6,7,8,9-OCDD		0.0067 U	0.0055 U	0.012 U	0.0032 U	0.0063 U
1,2,3,4,6,7,8,9-OCDF		0.0029 U	0.001118 U	0.0022 U	0.00043 U	0.00062 U
1,2,3,4,6,7,8-HPCDD		0.0015 U	0.0021 U	0.002 U	0.0015 U	0.0022 U
1,2,3,4,6,7,8-HPCDF		0.0005 U	0.00045 J	0.0013 U	0.00067 U	0.00035 U
1,2,3,4,7,8,9-HPCDF		0.00053 U	0.000422 U	0.000681 U	0.00024 U	0.000372 U
1,2,3,4,7,8-HXCDD		0.00043 J	0.0008 U	0.000462 U	0.00057 J	0.0002 U
1,2,3,4,7,8-HXCDF		0.000311 U	0.0006 U	0.00054 U	0.00031 U	0.0002 U
1,2,3,6,7,8-HXCDD		0.00036 J	0.000671 U	0.00044 U	0.0005 U	0.000173 U
1,2,3,6,7,8-HXCDF		0.00031 U	0.0005 U	0.00049 U	0.00036 U	0.0002 U
1,2,3,7,8,9-HXCDD		0.00036 U	0.0007 U	0.000462 U	0.00026 J	0.0002 U
1,2,3,7,8,9-HXCDF		0.00036 U	0.000671 U	0.000632 U	0.00053 U	0.00025 U
1,2,3,7,8-PECDD		0.000622 U	0.000571 U	0.001337 U	0.00062 U	0.00022 U
1,2,3,7,8-PECDF		0.00048 U	0.0004 U	0.00078 U	0.000214 U	0.00025 U
2,3,4,6,7,8-HXCDF		0.000311 U	0.000571 U	0.00056 U	0.00038 U	0.000223 U
2,3,4,7,8-PECDF		0.00074 U	0.0004 U	0.00078 U	0.00072 U	0.0002 U
2,3,7,8-TCDD		0.000263 U	0.00035 U	0.0023 UJ	0.00033 U	0.000223 U
2,3,7,8-TCDF		0.00031 U	0.00015 U	0.003915 UJ	0.00048 U	0.00032 U
TEQ		0.000079	4.5E-06	0.0023 U	0.000083	0.000223 U
TOTAL HPCDD		0.0015 J	0.0021 J	0.002 J	0.0015 J	0.0032 J
TOTAL HPCDF		0.000933 U	0.00075 U	0.0016 J	0.00079 J	0.00067 U
TOTAL HXCDD		0.001124 J	0.0022 U	0.0014 U	0.0013 J	0.00057 U
TOTAL HXCDF		0.001244 U	0.002336 U	0.002213 U	0.0014 J	0.00087 U
TOTAL PECDD		0.000622 U	0.000571 U	0.001337 U	0.00062 U	0.00022 J
TOTAL PECDF		0.001 J	0.0008 U	0.0016 U	0.00091 J	0.00042 J
TOTAL TCDD		0.00079 U	0.001043 U	0.0069 UJ	0.00086 U	0.00067 U
TOTAL TCDF		0.0005 J	0.0003 U	0.016 UJ	0.0006 J	0.00037 J
Volatile Organics (UG/L)						
1,1,1,2-TETRACHLOROETHANE		0.11 U	0.11 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE		0.17 U	0.17 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE		0.05 U	0.05 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE		0.11 U	0.11 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE		0.2 U	0.2 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE		0.13 U	0.13 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE		0.12 U	0.12 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE		0.13 U	0.13 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE		0.13 U	0.13 U	0.1 U	0.1 U	0.1 U
1,2,4-TRIMETHYLBENZENE		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE		0.25 U	0.25 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE		0.09 U	0.09 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE		0.07 U	0.07 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE		0.08 U	0.08 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE		0.15 U	0.15 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE		0.4 U	0.4 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE		0.11 U	0.11 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE		0.07 U	0.07 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE		1.6 U	1.6 U	2 U	2 U	2 U
2-CHLOROTOLUENE		0.12 U	0.12 U	0.1 U	0.1 U	0.1 U
2-HEXANONE		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE		0.13 U	0.13 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE		0.1 U	0.1 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE		0.1 U	0.1 U	0.11 U	0.11 U	0.11 U
ACETONE		1 U	1 U	1 U	1 U	1 U
ACROLEIN		0.4 U	0.4 U	1.3 U	1.3 U	1.3 U
BENZENE		0.05 U	0.05 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE		0.12 U	0.12 U	0.1 U	0.1 U	0.1 U
BROMOFORM		3.57	3.37	2.64	0.06 U	1.85
BROMOMETHANE		0.37 U	0.37 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE		0.12 U	0.12 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE		0.346 J	0.275 J	0.269 J	0.1 U	0.466 J

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STUDY AREA 08
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1874	1897	1899	2018	2032	2074
Sample ID	1874TW002	1897TW001	1899TW001	2018TW001	2032TW001	2074TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090527	20081103	20081105	20090210	20090314	20090206
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129418204130	6132511242106	6132200299107	6132205502255	6132238012339	6132515102054
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC
CHLOROETHANE		0.18 U	0.18 U	0.3 U	0.3 U	0.3 U
CHLOROFORM		0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CHLOROMETHANE		0.21 U	0.21 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE		0.13 U	0.13 U	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE		0.15 U	0.15 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE		0.12 U	0.12 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE		0.06 U	0.06 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES		0.09 U	0.09 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER		0.11 U	0.11 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE		0.69 U	0.69 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE		0.05 U	0.05 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE		0.04 U	0.04 U	0.06 U	0.06 U	0.06 U
STYRENE		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE		0.19 U	0.19 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE		0.07 U	0.0904 J	0.1 U	0.462 J	0.1 U
TOLUENE		0.17 U	0.17 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE		0.15 U	0.15 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE		0.19 U	0.19 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE		0.15 U	0.15 U	0.1 U	0.1 U	0.1 U
Semivolatile Organics (UG/L)						
1,1-BIPHENYL		0.19 U	0.201 U			
1,2,4,5-TETRACHLOROBENZENE		0.19 U	0.201 U			
2,3,4,6-TETRACHLOROPHENOL		0.286 U	0.302 U			
2,4,5-TRICHLOROPHENOL		0.476 U	0.503 U			
2,4,6-TRICHLOROPHENOL		0.476 U	0.503 U			
2,4-DICHLOROPHENOL		0.667 U	0.704 U			
2,4-DIMETHYLPHENOL		0.952 U	1.01 U			
2,4-DINITROPHENOL		0.286 U	0.302 U			
2,4-DINITROTOLUENE		0.952 U	1.01 U			
2,6-DICHLOROPHENOL		0.762 U	0.805 U			
2,6-DINITROTOLUENE		0.0952 U	2.17 J			
2-CHLORONAPHTHALENE		0.19 U	0.201 U			
2-CHLOROPHENOL		0.857 U	0.906 U			
2-METHYLNAPHTHALENE		0.19 U	0.201 U			
2-METHYLPHENOL		0.667 U	0.704 U			
2-NITROPHENOL		0.857 U	0.906 U			
3&4-METHYLPHENOL		1.14 U	1.21 U			
3-NITROANILINE		0.952 U	1.01 U			
4,6-DINITRO-2-METHYLPHENOL		0.19 U	0.201 U			
4-BROMOPHENYL PHENYL ETHER		0.0952 U	0.101 U			
4-CHLORO-3-METHYLPHENOL		0.571 U	0.604 U			
4-CHLOROANILINE		0.952 U	1.01 U			
4-NITROANILINE		0.952 U	1.01 U			
4-NITROPHENOL		0.286 U	0.302 U			
ACENAPHTHENE		0.0952 U	0.101 U			
ACENAPHTHYLENE		0.0952 U	0.101 U			
ANILINE		0.952 U	1.01 U			
ANTHRACENE		0.0952 U	0.101 U			
ATRAZINE		0.0952 U	0.101 U			
BAP EQUIVALENT		0.0952 U	0.101 U			
BENZO(A)ANTHRACENE		0.0952 U	0.101 U			
BENZO(A)PYRENE		0.0952 U	0.101 U			
BENZO(B)FLUORANTHENE		0.0952 U	0.101 U			
BENZO(G,H,I)PERYLENE		0.0952 U	0.101 U			
BENZO(K)FLUORANTHENE		0.0952 U	0.101 U			
BIS(2-ETHYLHEXYL)PHTHALATE		1.33 U	1.41 U			
BUTYL BENZYL PHTHALATE		0.0952 U	0.101 U			
CARBAZOLE		0.0952 U	0.101 U			
CHRYSENE		0.0952 U	0.101 U			
DI-N-BUTYL PHTHALATE		1.24 U	1.31 U			
DI-N-OCTYL PHTHALATE		0.19 U	0.201 U			

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STUDY AREA 08
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1874	1897	1899	2018	2032	2074
Sample ID	1874TW002	1897TW001	1899TW001	2018TW001	2032TW001	2074TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090527	20081103	20081105	20090210	20090314	20090206
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129418204130	6132511242106	6132200299107	6132205502255	6132238012339	6132515102054
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC
DIBENZO(A,H)ANTHRACENE		0.0952 U	0.101 U			
DIBENZOFURAN		0.0952 U	0.101 U			
DIETHYL PHTHALATE		0.19 U	0.201 U			
DIMETHYL PHTHALATE		0.0952 U	0.101 U			
DIPHENYLAMINE		0.0952 U	0.101 U			
FLUORANTHENE		0.0952 U	0.101 U			
FLUORENE		0.0952 U	0.101 U			
HEXACHLOROBENZENE		0.0952 U	0.101 U			
HEXACHLOROBUTADIENE		0.19 U	0.201 U			
HEXACHLOROCYCLOPENTADIENE		0.952 U	1.01 U			
HEXACHLOROETHANE		0.0952 U	0.101 U			
INDENO(1,2,3-CD)PYRENE		0.0952 U	0.101 U			
NAPHTHALENE		0.19 U	0.201 U			
NITROBENZENE		0.19 U	0.201 U			
O-TOLUIDINE		0.667 U	0.704 U			
PENTACHLOROBENZENE		0.19 U	0.201 U			
PENTACHLOROPHENOL		0.286 U	0.302 U			
PHENANTHRENE		0.0952 U	0.101 U			
PHENOL		0.952 U	1.01 U			
PYRENE		0.0952 U	0.101 U			
Pesticides/PCBs (UG/L)						
4,4'-DDD		0.00303 U	0.00301 U			
4,4'-DDE		0.00202 U	0.002 U			
4,4'-DDT		0.00606 U	0.00601 U			
ALDRIN		0.00202 U	0.002 U			
ALPHA-BHC		0.00303 U	0.00301 U			
ALPHA-CHLORDANE		0.00303 U	0.00301 U			
AROCLOR-1016		0.0202 U	0.02 U			
AROCLOR-1221		0.0202 U	0.02 U			
AROCLOR-1232		0.0202 U	0.02 U			
AROCLOR-1242		0.0202 U	0.02 U			
AROCLOR-1248		0.0202 U	0.02 U			
AROCLOR-1254		0.0202 U	0.02 U			
AROCLOR-1260		0.0202 U	0.02 U			
BETA-BHC		0.00202 U	0.002 U			
DELTA-BHC		0.00101 U	0.001 U			
DIELDRIN		0.00303 U	0.00301 U			
ENDOSULFAN I		0.00303 U	0.00301 U			
ENDOSULFAN II		0.00202 U	0.002 U			
ENDOSULFAN SULFATE		0.00707 U	0.00701 U			
ENDRIN		0.00202 U	0.002 U			
ENDRIN ALDEHYDE		0.00202 U	0.002 U			
GAMMA-BHC (LINDANE)		0.00101 U	0.001 U			
GAMMA-CHLORDANE		0.00202 U	0.002 U			
HEPTACHLOR		0.00404 U	0.00401 U			
HEPTACHLOR EPOXIDE		0.00404 U	0.00401 U			
METHOXYCHLOR		0.00303 U	0.00301 U			
PENTACHLORONITROBENZENE		0.00303 U	0.00301 U			
TOXAPHENE		0.0101 U	0.01 U			
Radiological Parameters (PCI/L)						
GROSS ALPHA		1.6 U	1.1 U	1.6	10.1	1.4 U
GROSS BETA		6.8	6.8	7.3	46	5.9
RADIUM-228	0.56 U				0.402 U	
STRONTIUM-90	1.34 U				1.59 U	
Inorganics (UG/L)						
ALUMINUM		4.78	11.3	4.93	3.75	3.6
ANTIMONY		0.362	0.14 U	0.14 U	0.159	0.14 U
ARSENIC		2.72	2.97	4.56	2.63	3.11
BARIUM		18.8	15.7	13.1	16.5	15
BERYLLIUM		0.03 U	0.03 U	0.0321	0.03 U	0.03 U
CADMIUM		0.096	0.04 U	0.0629	0.757	0.04 U
CALCIUM				108	96.4	109
CHROMIUM		1.12 U	2.05	0.98 U	0.15 U	0.835 U
COBALT		0.093	0.0308	0.0491	0.488	0.03 U
COPPER		406	7.36	27.6	230	58.6
IRON		40.6	110	78.8	588	11.9

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 08
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1874	1897	1899	2018	2032	2074
Sample ID	1874TW002	1897TW001	1899TW001	2018TW001	2032TW001	2074TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II-RESAMPLE	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090527	20081103	20081105	20090210	20090314	20090206
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129418204130	6132511242106	6132200299107	6132205502255	6132238012339	6132515102054
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC
LEAD		4.95	1.12	3.04	3.61	1.43
MAGNESIUM				23	20.6	22
MANGANESE		6.79	0.482	1.22	37.1	0.812
MERCURY		0.044	0.042	0.015 U	0.017	0.015 U
NICKEL		9.56	1.93	6.67	9.9	1.35
POTASSIUM				3.41	43.8	5.21
SELENIUM		0.369	0.298	0.269	0.2 U	0.257
SILVER		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM				9.42	65.9	16.4
THALLIUM		0.307 U	0.191 U	1.04 U	0.0965 U	0.04 U
TIN		0.654	0.1 U	0.1 U	0.1 U	0.1 U
URANIUM		2	1.91	1.31	19.5	1.21
VANADIUM		1.28	2.66	3.03	1.45	2.76
ZINC		281	64	1370	14800	661
Microbiological Parameters						
FECAL COLIFORM (CFU/100)		1 <	1 <	1 <	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)						
PLATE COUNT						
TOTAL COLIFORM (CFU/100)		1 <	1 <	1 <	19.2	1 <
Miscellaneous Parameters (MG/L)						
CHLORIDE		47.9	47	46.7	92.7	29.6
CYANIDE		0.004 U	0.004 U	0.004 UJ	0.004 U	0.004 U
FLUORIDE		0.409	0.414	0.36	1.13	0.316
NITRATE		10.9	11.2	11.6	80.8 J	8.51 J
NITRITE		0.2 U	0.2 U	0.2 U	3.24 J	0.2 UJ
PHOSPHATE		0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 UJ
SULFATE		13.2	14.4	12.4	85.7	11.1
Field Parameters						
CHLORINE (MG/L)	0	0.06	0.04	0.08	0	0.03
DISSOLVED OXYGEN (MG/L)	8.91	8.31	8.06	8.12	3.71	8.79
OXIDATION REDUCTION POTENTIAL (MV)	165	399	532	380	201	291
PH (S.U.)	7.66	7.21	7.15	7.42	7.48	7.13
SALINITY (%)	0.02	0	0	0	0.03	0
SPECIFIC CONDUCTANCE (MS/CM)	0.804	1	0.99	0.751	1.09	0.833
TEMPERATURE (C)	24.55	19.13	19.17	12.32	14.15	13.35
TOTAL DISSOLVED SOLIDS						
TURBIDITY (NTU)	0	2.9	0	18.3	3.1	0

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 08
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0120	0246	0290	0419	0502	0525	1638	1827	1835	1846	1847	1865	1874
Sample ID	0120SS0010006	0246SS0010006	0290SS0010006	0419SS0010006	0502SS0010006	0525SS0010006	1638SS0010006	1827SS0010006	1835SS0010006	1846SS0010006	1847SS0010006	1865SS0010006	1874SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090204	20081120	20090212	20090207	20090212	20090202	20090126	20090211	20090210	20090209	20090209	20090206	20090205
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129400602082	6132215214032	6132136112223	6132201802025	6129418202036	6129414806036	6130341412100	6132540002297	6129420604033	6132529210191	6132230802090	6132237202041	6129418204130
Likely Water Source	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/KG)													
1,2,3,4,6,7,8,9-OCDD	18	13	13 J	39	6.7 J	35	2.6 U	6.2 J	6.7 J	11 J	7.2 J	38	7.5 J
1,2,3,4,6,7,8,9-OCDF	0.96 U	1.1 U	1.4 J	3.5 J	1.8 J	0.78 U	0.3 U	1.1 J	0.61 U	3.2 J	1.5 J	2 J	0.97 J
1,2,3,4,6,7,8-HPCDD	2.7 J	2.1 U	3.1 J	6.1 J	1.4 U	4.5 J	0.62 U	1.3 U	1.3 J	2.4 J	2.6 J	6.6 J	1.4 J
1,2,3,4,6,7,8-HPCDF	0.91 U	1.2 J	2.4 J	2.1 J	0.51 U	1.3 U	0.42 U	0.67 U	0.68 J	2 J	4.1 J	2.5 J	1.1 J
1,2,3,4,7,8,9-HPCDF	0.1 J	0.14 U	0.49 J	0.1 J	0.057 U	0.22 J	0.06 J	0.12 U	0.091 U	0.15 J	0.44 J	0.21 J	0.11 U
1,2,3,4,7,8-HXCDD	0.066 U	0.081173 U	0.54 J	0.16 U	0.048158 U	0.12 U	0.057 U	0.083 U	0.061 U	0.15 U	0.15 U	0.19 U	0.085152 U
1,2,3,4,7,8-HXCDF	0.41 J	0.44 J	1.5 J	0.61 J	0.099 U	0.66 J	0.15 U	0.13 U	0.1 U	0.72 J	1.3 J	9.1	0.33 J
1,2,3,6,7,8-HXCDD	0.21 U	0.28 U	0.75 J	0.39 J	0.14 U	0.2 U	0.084 U	0.15 U	0.094 U	0.22 U	0.29 J	0.44 J	0.24 J
1,2,3,6,7,8-HXCDF	0.25 U	0.27 J	0.77 J	0.44 J	0.1 U	0.24 U	0.072 U	0.12 U	0.089 U	0.46 J	1.2 J	0.42 J	0.29 J
1,2,3,7,8,9-HXCDD	0.11 U	0.31 U	0.53 J	0.31 J	0.059 J	0.21 U	0.099 U	0.12 U	0.058 U	0.16 U	0.33 J	0.34 U	0.47 J
1,2,3,7,8,9-HXCDF	0.1102 U	0.079241 U	0.36 J	0.11 J	0.068 J	0.151 U	0.084 U	0.096 U	0.114 U	0.1 U	0.2 J	0.163 U	0.114516 U
1,2,3,7,8-PECDD	0.079 U	0.36 J	0.48 J	0.14 U	0.059489 U	0.115 U	0.084 U	0.094 U	0.075 U	0.16 U	0.17 U	0.15 U	0.193796 U
1,2,3,7,8-PECDF	0.25 J	0.25 J	0.74 J	0.57 J	0.13 U	0.31 U	0.17 U	0.24 U	0.7 J	0.53 J	0.85 J	0.48 J	0.37 J
2,3,4,6,7,8-HXCDF	0.23 J	0.27 U	0.71 J	0.43 J	0.082 U	0.25 U	0.13 U	0.13 U	0.1 U	0.45 J	0.92 J	0.39 J	0.3 J
2,3,4,7,8-PECDF	0.35 U	0.37 J	0.8 J	0.57 J	0.21 U	0.33 U	0.21 U	0.23 U	0.22 U	0.55 J	0.89 J	0.52 J	0.41 J
2,3,7,8-TCDD	0.079 U	0.041 U	0.24 J	0.089 J	0.051 U	0.14 U	0.099 U	0.13 U	0.066 U	0.078 J	0.079 J	0.11 U	0.11 U
2,3,7,8-TCDF	0.33 U	0.3 J	0.91 U	0.82 J	0.33 U	0.32 U	0.27 U	0.29 U	0.41 U	0.57 U	0.47 U	0.64 U	0.55 U
TEQ	0.1049	0.5954	1.56242	0.68385	0.01525	0.1237	0.0006	0.00219	0.04281	0.47166	0.86951	1.3105	0.324641
TOTAL HPCDD	4.9 J	4.5 J	5.6 J	11 J	2.5 J	8.1 J	1.1 J	2.3 J	2.2 J	4.7 J	4.9 J	13 J	2.6 J
TOTAL HPCDF	2.5 J	2.3 J	4.1 J	6.6 J	1 J	3.3 J	0.73 J	1.3 J	1.3 J	3.4 J	5.8 J	7.1 J	2 J
TOTAL HXCDD	2.5 J	3.7 J	7.5 J	6.5 J	1.2 J	2.8 J	0.86 J	1.5 J	1.3 J	5.7 J	3.8 J	5.8 J	2.6 J
TOTAL HXCDF	4 J	4.5 J	7.9 J	9.5 J	1.3 J	3.8 J	0.95 J	1.7 J	2.2 J	6.3 J	12 J	20 J	3 J
TOTAL PECDD	2.4 J	4	5.9	8.3	1 J	1.7 J	0.084 J	0.32 J	0.65 J	6.3	2.9 J	4.6	2.3 J
TOTAL PECDF	3.5 J	4.3 J	8.8 J	11 J	1.2 J	1.8 J	0.83 J	0.87 J	5.2 J	7.2 J	8.9 J	24	2 J
TOTAL TCDD	1.9	4.3	6.2	8.8	1.4 J	1.6 J	1.1 J	1.2 J	1.2 J	6	3	6.4	2.2
TOTAL TCDF	3.7 J	6.3 J	13 J	16 J	2.4 J	2.6 J	2.1 J	3.3 J	2 J	9.8 J	11 J	14 J	5.8 J
Volatile Organics (MG/KG)													
1,1,1,2-TETRACHLOROETHANE	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.000437 U	0.000416 U	0.000448 U
1,1,1-TRICHLOROETHANE	0.000568 U	0.000554 U	0.000616 UJ	0.000583 U	0.000564 UJ	0.000567 U	0.000618 U	0.000582 U	0.000573 U	0.000552 U	0.000583 U	0.000555 U	0.000597 U
1,1,2,2-TETRACHLOROETHANE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.000292 U	0.000277 U	0.000298 U
1,1,2-TRICHLOROETHANE	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.000437 U	0.000416 U	0.000448 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.000994 U	0.00112 J	0.00126 J	0.00102 U	0.000988 UJ	0.000993 U	0.00108 U	0.00185 J	0.001 U	0.000965 U	0.001 J	0.000971 U	0.00104 U
1,1-DICHLOROETHANE	0.000994 U	0.00097 U	0.00108 UJ	0.00102 U	0.000988 UJ	0.000993 U	0.00108 U	0.00102 U	0.001 U	0.000965 U	0.00102 U	0.000971 U	0.00104 U
1,1-DICHLOROETHENE	0.00071 U	0.000693 U	0.00077 UJ	0.000729 U	0.000705 UJ	0.000709 U	0.000773 U	0.000728 U	0.000717 U	0.00069 U	0.000729 U	0.000694 U	0.000746 U
1,2,3-TRICHLOROBENZENE	0.00071 U	0.000693 U	0.00077 UJ	0.000729 U	0.000705 UJ	0.000709 U	0.000773 U	0.000728 U	0.000717 U	0.00069 U	0.00155 J	0.000694 U	0.000746 U
1,2,3-TRICHLOROPROPANE	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.000437 U	0.000416 U	0.000448 U
1,2,4-TRICHLOROBENZENE	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.0018 J	0.000416 U	0.000448 U
1,2,4-TRIMETHYLBENZENE	0.000568 U	0.000554 U	0.000616 UJ	0.000583 U	0.000564 UJ	0.000567 U	0.000618 U	0.000582 U	0.000573 U	0.000552 U	0.000928 J	0.000555 U	0.000597 U
1,2-DIBROMO-3-CHLOROPROPANE	0.000568 U	0.000554 U	0.000616 UJ	0.000583 U	0.000564 UJ	0.000567 U	0.000618 U	0.000582 U	0.000573 U	0.000552 U	0.000583 U	0.000555 U	0.000597 U
1,2-DIBROMOETHANE	0.000142 U	0.000139 U	0.000154 UJ	0.000146 U	0.000141 UJ	0.000142 U	0.000155 U	0.000146 U	0.000143 U	0.000138 U	0.000146 U	0.000139 U	0.000149 U
1,2-DICHLOROBENZENE	0.000142 U	0.000139 U	0.000154 UJ	0.000146 U	0.000141 UJ	0.000142 U	0.000155 U	0.000146 U	0.000143 U	0.000138 U	0.00103 J	0.000139 U	0.000149 U
1,2-DICHLOROETHANE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.000292 U	0.000277 U	0.000298 U
1,2-DICHLOROPROPANE	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.000437 U	0.000416 U	0.000448 U
1,2-DICHLOROTETRAFLUOROETHANE	0.000852 U	0.000831 U	0.000924 UJ	0.000875 UR	0.000846 UJ	0.000851 U	0.000928 U	0.000873 UR	0.00086 UR	0.000827 UR	0.000875 UR	0.000832 U	0.000896 U
1,3,5-TRIMETHYLBENZENE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.000981 J	0.000277 U	0.000298 U
1,3-DICHLOROBENZENE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.00143 J	0.000277 U	0.000298 U
1,3-DICHLOROPROPANE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.000292 U	0.000277 U	0.000298 U
1,4-DICHLOROBENZENE	0.000142 U	0.000139 U	0.000154 UJ	0.000146 U	0.000141 UJ	0.000142 U	0.000155 U	0.000146 U	0.000143 U	0.000138 U	0.0014 J	0.000139 U	0.000149 U
2,2-DICHLOROPROPANE	0.00071 U	0.000693 U	0.00077 UJ	0.000729 U	0.000705 UJ	0.000709 U	0.00158 J	0.000728 U	0.000717 U	0.00069 U	0.000729 U	0.000694 U	0.000746 U
2-BUTANONE	0.00256 U	0.00249 U	0.00277 UJ	0.00262 U	0.00254 UJ	0.00255 U	0.00278 U	0.00262 U	0.00258 U	0.00248 U	0.00262 U	0.0025 U	0.00269 U
2-CHLOROTOLUENE	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.000947 J	0.000416 U	0.000448 U
2-HEXANONE	0.00142 U	0.00139 U	0.00154 UJ	0.00146 U	0.00141 UJ	0.00142 U	0.00155 U	0.00146 U	0.00143 U	0.00138 U	0.00146 U	0.00139 U	0.00149 U
4-CHLOROTOLUENE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.00109 J	0.000277 U	0.000298 U
4-ISOPROPYLTOLUENE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.00879 J	0.000291 U	0.000287 U	0.000276 U	0.00111 J	0.000277 U	0.000298 U
4-METHYL-2-PENTANONE	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.000437 U	0.000416 U	0.000448 U
ACETONE	0.00824 U	0.00804 U	0.00894 UJ	0.0285 U	0.00818 UJ	0.00823 U	0.00897 U	0.0239	0.00832 U	0.0137 U	0.0285 U	0.00804 J	0.00866 U
ACROLEIN	0.00725 U	0.00707 U	0.00786 UJ	0.00743 U	0.0072 UJ	0.00723 U	0.00789 U	0.00742 U	0.00731 U	0.00703 U	0.00743 U	0.00707 U	0.00761 U
BENZENE	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.000437 U	0.000416 U	0.000448 U
BROMOCHLOROMETHANE	0.000568 U	0.000554 U	0.000616 UJ	0.000583 U	0.000564 UJ	0.000567 U	0.000618 U	0.000582 UJ	0.000573 U	0.000552 U	0.000583 U	0.000555 U	0.000597 U

J-Estimated value
R-Rejected Value
U-Not detected at that value

Location	0120	0246	0290	0419	0502	0525	1638	1827	1835	1846	1847	1865	1874
Sample ID	0120SS0010006	0246SS0010006	0290SS0010006	0419SS0010006	0502SS0010006	0525SS0010006	1638SS0010006	1827SS0010006	1835SS0010006	1846SS0010006	1847SS0010006	1865SS0010006	1874SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090204	20081120	20090212	20090207	20090212	20090202	20090126	20090211	20090210	20090209	20090209	20090206	20090205
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129400602082	6132215214032	6132136112223	6132201802025	6129418202036	6129414806036	6130341412100	6132540002297	6129420604033	6132529210191	6132230802090	6132237202041	6129418204130
Likely Water Source	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BROMODICHLOROMETHANE	0.000568 U	0.000554 U	0.000616 UJ	0.000583 U	0.000564 UJ	0.000567 U	0.000618 U	0.000582 U	0.000573 U	0.000552 U	0.000583 U	0.000555 U	0.000597 U
BROMOFORM	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.000292 U	0.000277 U	0.000298 U
BROMOMETHANE	0.00426 U	0.00574 U	0.00462 UJ	0.00437 UR	0.00423 UJ	0.00425 U	0.00464 U	0.00437 U	0.0043 U	0.00414 UR	0.00437 UR	0.00416 U	0.00448 U
CARBON TETRACHLORIDE	0.000568 U	0.000554 U	0.000616 UJ	0.000583 U	0.000564 UJ	0.000567 U	0.000618 U	0.000582 U	0.000573 U	0.000552 U	0.000583 U	0.000555 U	0.000597 U
CHLOROBENZENE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.000683 J	0.000277 U	0.000298 U
CHLORODIBROMOMETHANE	0.000142 U	0.000139 U	0.000154 UJ	0.000146 U	0.000141 UJ	0.000142 U	0.000155 U	0.000146 U	0.000143 U	0.000138 U	0.000146 U	0.000139 U	0.000149 U
CHLOROETHANE	0.000568 U	0.000554 U	0.000616 UJ	0.000583 UR	0.000564 UJ	0.000567 U	0.000618 U	0.000582 UJ	0.000573 UR	0.000552 UR	0.000583 UR	0.000555 U	0.000597 U
CHLOROFORM	0.000994 U	0.00097 U	0.00132 J	0.00102 U	0.000988 J	0.000993 U	0.00108 U	0.00102 U	0.001 U	0.000965 U	0.00102 U	0.000971 U	0.00104 U
CHLOROMETHANE	0.00128 U	0.00125 U	0.00139 U	0.00131 U	0.00127 UJ	0.00128 U	0.00139 U	0.00131 U	0.00129 U	0.00124 U	0.00131 U	0.00125 U	0.00134 U
CIS-1,2-DICHLOROETHENE	0.000994 U	0.00097 U	0.00108 UJ	0.00102 U	0.000988 UJ	0.000993 U	0.00108 U	0.00102 U	0.001 U	0.000965 U	0.00102 U	0.000971 U	0.00104 U
CIS-1,3-DICHLOROPROPENE	0.000142 U	0.000139 U	0.000154 UJ	0.000146 U	0.000141 UJ	0.000142 U	0.000155 U	0.000146 U	0.000143 U	0.000138 U	0.000146 U	0.000139 U	0.000149 U
DICHLORODIFLUOROMETHANE	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.000437 U	0.000416 U	0.000448 U
ETHYLBENZENE	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.00066 J	0.000416 U	0.000448 U
ISOPROPYLBENZENE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.00405 J	0.000291 U	0.000287 U	0.000276 U	0.000791 J	0.000277 U	0.000298 U
M+P-XYLENES	0.000852 U	0.000831 U	0.000924 UJ	0.000875 U	0.000846 UJ	0.000851 U	0.000928 U	0.000873 U	0.00086 U	0.000827 U	0.00147 J	0.000832 U	0.000896 U
METHYL TERT-BUTYL ETHER	0.00071 U	0.000693 U	0.00077 UJ	0.000729 U	0.000705 UJ	0.000709 U	0.000773 U	0.000728 U	0.000717 U	0.00069 U	0.000729 U	0.000694 U	0.000746 U
METHYLENE CHLORIDE	0.00142 U	0.00139 U	0.00154 UJ	0.00146 U	0.00141 J	0.00142 U	0.00155 U	0.00146 U	0.00143 U	0.00138 U	0.00146 U	0.00139 U	0.00149 U
N-BUTYLBENZENE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.00146 J	0.000277 U	0.000298 U
N-PROPYLBENZENE	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.00116 J	0.000416 U	0.000448 U
O-XYLENE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.000523 J	0.000277 U	0.000298 U
SEC-BUTYLBENZENE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.00102 J	0.000277 U	0.000298 U
STYRENE	0.000284 U	0.000277 U	0.000308 UJ	0.000292 U	0.000282 UJ	0.000284 U	0.000309 U	0.000291 U	0.000287 U	0.000276 U	0.000421 J	0.000277 U	0.000298 U
TERT-BUTYLBENZENE	0.000568 U	0.000554 U	0.000616 UJ	0.000583 U	0.000564 UJ	0.000567 U	0.00139 J	0.000582 U	0.000573 U	0.000552 U	0.000709 J	0.000555 U	0.000597 U
TETRACHLOROETHENE	0.000852 U	0.000831 U	0.000924 UJ	0.000875 U	0.000846 UJ	0.000851 U	0.000928 U	0.000873 U	0.00086 J	0.000827 U	0.00136 J	0.000832 U	0.000896 U
TOLUENE	0.00071 J	0.00237 J	0.00681 J	0.0153	0.00353 J	0.000709 U	0.000773 U	0.108	0.00569 J	0.0151	0.0146	0.000832 J	0.000746 J
TRANS-1,2-DICHLOROETHENE	0.000852 U	0.000831 U	0.000924 UJ	0.000875 U	0.000846 UJ	0.000851 U	0.000928 U	0.000873 U	0.00086 U	0.000827 U	0.000875 U	0.000832 U	0.000896 U
TRANS-1,3-DICHLOROPROPENE	0.000426 U	0.000416 U	0.000462 UJ	0.000437 U	0.000423 UJ	0.000425 U	0.000464 U	0.000437 U	0.00043 U	0.000414 U	0.000437 U	0.000416 U	0.000448 U
TRICHLOROETHENE	0.00071 U	0.000693 U	0.00077 UJ	0.000729 U	0.000705 UJ	0.000709 U	0.000773 U	0.000728 U	0.000717 U	0.00069 U	0.0006 J	0.000694 U	0.000746 U
TRICHLOROFLUOROMETHANE	0.00114 U	0.00111 U	0.00123 UJ	0.00117 U	0.00113 UJ	0.00113 U	0.00124 U	0.00116 U	0.00115 U	0.0011 U	0.00117 U	0.00111 U	0.00119 U
VINYL CHLORIDE	0.000568 U	0.000554 U	0.000616 UJ	0.000583 U	0.000564 UJ	0.000567 U	0.000618 U	0.000582 U	0.000573 U	0.000552 U	0.000583 U	0.000555 U	0.000597 U
Semivolatile Organics (MG/KG)													
1,1-BIPHENYL	0.0213 U	0.0305 J	0.0228 UJ	0.0219 U	0.0208 UJ	0.0333 U	0.0233 U	0.029 J	0.0215 U	0.0205 U	0.0217 U	0.0293 J	0.0221 U
1,2,4,5-TETRACHLOROBENZENE	0.017 U	0.0472 J	0.0182 U	0.0175 U	0.0166 U	0.0266 U	0.0186 U	0.0175 U	0.0172 U	0.0164 U	0.0173 U	0.0166 U	0.0177 U
2,3,4,6-TETRACHLOROPHENOL	0.101 UJ	0.095 UJ	0.108 UJ	0.103 U	0.0984 UJ	0.158 UJ	0.11 UJ	0.103 U	0.102 U	0.097 UJ	0.102 U	0.0983 U	0.105 U
2,4,5-TRICHLOROPHENOL	0.174 UJ	0.165 UJ	0.187 UJ	0.179 U	0.17 UJ	0.273 UJ	0.191 UJ	0.179 U	0.176 U	0.168 UJ	0.178 U	0.17 U	0.181 U
2,4,6-TRICHLOROPHENOL	0.0936 UJ	0.102 J	0.1 UJ	0.0962 U	0.0915 UJ	0.146 UJ	0.102 UJ	0.096 J	0.0944 U	0.0901 UJ	0.0953 U	0.0913 J	0.0972 U
2,4-DICHLOROPHENOL	0.109 UJ	0.123 J	0.117 UJ	0.112 U	0.107 UJ	0.171 J	0.12 UJ	0.184 J	0.11 U	0.105 UJ	0.111 U	0.182 J	0.113 U
2,4-DIMETHYLPHENOL	0.21 UJ	0.198 J	0.225 UJ	0.216 U	0.205 UJ	0.328 UJ	0.23 UJ	0.215 J	0.212 U	0.202 UJ	0.214 U	0.205 J	0.218 U
2,4-DINITROPHENOL	0.078 UJ	0.0736 UJ	0.0836 UJ	0.0802 UJ	0.0762 UJ	0.122 UJ	0.0854 UJ	0.08 UJ	0.0787 U	0.0751 UJ	0.0794 UJ	0.0761 U	0.081 U
2,4-DINITROTOLUENE	0.0255 U	0.0241 U	0.0274 U	0.0262 U	0.0249 U	0.04 U	0.0279 U	0.0262 U	0.0258 U	0.0246 U	0.026 U	0.0249 U	0.0265 U
2,6-DICHLOROPHENOL	0.0666 UJ	0.187 J	0.0714 UJ	0.0685 U	0.0651 UJ	0.104 J	0.073 UJ	0.165 J	0.0673 U	0.0642 UJ	0.0678 U	0.167 J	0.0692 U
2,6-DINITROTOLUENE	0.0213 U	0.0201 U	0.0228 U	0.0219 U	0.0208 U	0.0333 U	0.0233 U	0.0218 U	0.0215 U	0.0205 U	0.0217 U	0.0208 U	0.0221 U
2-CHLORONAPHTHALENE	0.0113 U	0.0319 J	0.0122 U	0.0117 U	0.0111 U	0.0178 U	0.0124 U	0.0264 J	0.0114 U	0.0109 U	0.0115 U	0.0111 U	0.0118 U
2-CHLOROPHENOL	0.0709 UJ	0.18 J	0.076 UJ	0.0729 U	0.0693 UJ	0.111 J	0.0776 UJ	0.0728 U	0.0716 U	0.0683 UJ	0.0722 U	0.171 J	0.0736 U
2-METHYLNAPHTHALENE	0.0241 U	0.0227 J	0.0258 U	0.0248 U	0.0236 U	0.0377 U	0.0264 U	0.0364 J	0.0243 U	0.0232 U	0.0245 U	0.0394 J	0.025 U
2-METHYLPHENOL	0.142 UJ	0.223 J	0.152 UJ	0.146 U	0.139 UJ	0.222 J	0.155 UJ	0.184 J	0.143 U	0.137 UJ	0.144 U	0.185 J	0.147 U
2-NITROPHENOL	0.0893 UJ	0.126 J	0.0957 UJ	0.0918 U	0.0873 UJ	0.14 UJ	0.0978 UJ	0.0919 J	0.0902 U	0.086 UJ	0.0909 U	0.121 J	0.0927 U
3&4-METHYLPHENOL	0.163 UJ	0.398 J	0.175 U	0.168 U	0.159 UJ	0.27 J	0.179 UJ	0.441	0.165 U	0.157 UJ	0.166 U	0.413	0.169 U
3-NITROANILINE	0.0255 U	0.0241 U	0.0274 UJ	0.0262 U	0.0249 UJ	0.04 U	0.0279 U	0.0262 U	0.0258 U	0.0246 U	0.026 U	0.0249 U	0.0265 U
4,6-DINITRO-2-METHYLPHENOL	0.095 UJ	0.0896 UJ	0.102 UJ	0.0977 U	0.0929 UJ	0.149 UJ	0.104 UJ	0.0975 U	0.0959 U	0.0915 UJ	0.0967 U	0.0927 U	0.0986 U
4-BROMOPHENYL PHENYL ETHER	0.017 U	0.016 U	0.0182 U	0.0175 U	0.0166 U	0.0266 U	0.0186 U	0.0175 U	0.0172 U	0.0164 U	0.0173 U	0.0166 U	0.0177 U
4-CHLORO-3-METHYLPHENOL	0.125 UJ	0.118 UJ	0.134 UJ	0.128 U	0.122 UJ	0.195 UJ	0.137 UJ	0.128 U	0.126 U	0.12 UJ	0.127 U	0.122 U	0.13 U
4-CHLOROANILINE	0.0326 U	0.0696 J	0.0349 U	0.0335 U	0.0319 U	0.051 U	0.0357 U	0.0335 U	0.0329 U	0.0314 U	0.0332 U	0.0318 U	0.0339 U
4-NITROANILINE	0.0624 U	0.0588 U	0.0669 U	0.0641 U	0.061 U	0.0977 U	0.0683 U	0.064 U	0.063 U	0.0601 U	0.0635 U	0.0609 U	0.0648 U
4-NITROPHENOL	0.167 UJ	0.158 UJ	0.179 UJ	0.172 U	0.164 UJ	0.262 UJ	0.183 UJ	0.172 U	0.169 U	0.161 UJ	0.17 U	0.163 U	0.174 U
ACENAPHTHENE	0.0142 U	0.0175 J	0.0152 U	0.0146 U	0.0139 U	0.0222 U	0.0155 U	0.0146 U	0.0143 U	0.0137 U	0.0144 U	0.0138 U	0.0147 U
ACENAPHTHYLENE	0.0128 U	0.0131 J	0.0137 U	0.0131 U	0.0125 U	0.02 U	0.014 U	0.0131 U	0.0129 U	0.0123 U	0.013 U	0.0125 U	0.0132 U
ANILINE	0.0284 U	0.106 J	0.0304 U	0.0292 U	0.0277 U	0.0444 U	0.031 U	0.0291 U	0.0286 U	0.0273 U	0.0289 U	0.0277 U	0.0294 U
ANTHRACENE	0.017 U	0.016 U	0.0182 U	0.0175 U	0.0166 U	0.0266 U	0.0186 U	0.0175 U	0.0172 U	0.0164 U	0.0173 U	0.0166 U	0.0177 U
ATRAZINE	0.0369 U	0.0348 U	0.0395 U	0.0379 U	0.036 U	0.0577 U	0.0404 U	0.0378 U	0.0372 U	0.0355 U	0.0375 U	0.036 U	0.0383 U

J-Estimated value
R-Rejected Value
U-Not detected at that value

STUDY AREA 08
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0120	0246	0290	0419	0502	0525	1638	1827	1835	1846	1847	1865	1874
Sample ID	0120SS0010006	0246SS0010006	0290SS0010006	0419SS0010006	0502SS0010006	0525SS0010006	1638SS0010006	1827SS0010006	1835SS0010006	1846SS0010006	1847SS0010006	1865SS0010006	1874SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090204	20081120	20090212	20090207	20090212	20090202	20090126	20090211	20090210	20090209	20090209	20090206	20090205
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129400602082	6132215214032	6132136112223	6132201802025	6129418202036	6129414806036	6130341412100	6132540002297	6129420604033	6132529210191	6132230802090	6132237202041	6129418204130
Likely Water Source	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BAP EQUIVALENT	0.0241 U	0.0227 U	0.0258 U	0.0248 U	0.0236 U	0.0377 U	0.0264 U	0.0247 U	0.0243 U	0.0232 U	0.0245 U	0.0235 U	0.025 U
BENZO(A)ANTHRACENE	0.0227 U	0.0214 U	0.0243 U	0.0233 U	0.0222 U	0.0355 U	0.0248 U	0.0233 U	0.0229 U	0.0218 U	0.0231 U	0.0221 U	0.0236 U
BENZO(A)PYRENE	0.0241 U	0.0227 U	0.0258 U	0.0248 U	0.0236 U	0.0377 U	0.0264 U	0.0247 U	0.0243 U	0.0232 U	0.0245 U	0.0235 U	0.025 U
BENZO(B)FLUORANTHENE	0.0284 U	0.0268 U	0.0304 U	0.0292 U	0.0277 U	0.0444 U	0.031 U	0.0291 U	0.0286 U	0.0273 U	0.0289 U	0.0277 U	0.0294 U
BENZO(G,H,I)PERYLENE	0.0397 U	0.0374 U	0.0425 U	0.0408 U	0.0388 U	0.0621 U	0.0435 U	0.0407 U	0.0401 U	0.0382 U	0.0404 U	0.0388 U	0.0412 U
BENZO(K)FLUORANTHENE	0.0255 U	0.0241 U	0.0274 U	0.0262 U	0.0249 U	0.04 U	0.0279 U	0.0262 U	0.0258 U	0.0246 U	0.026 U	0.0249 U	0.0265 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.149 U	0.481	0.16 U	0.153 J	0.146 U	0.233 U	0.163 U	0.153 U	0.15 U	0.143 U	0.152 U	0.145 U	0.155 U
BUTYL BENZYL PHTHALATE	0.0425 U	0.0401 U	0.0456 U	0.0437 U	0.0416 U	0.0666 U	0.0466 U	0.0436 U	0.0429 U	0.041 U	0.0433 U	0.0415 U	0.0442 U
CARBAZOLE	0.0255 U	0.0241 U	0.0274 U	0.0262 U	0.0249 U	0.04 U	0.0279 U	0.0262 U	0.0258 U	0.0246 U	0.026 U	0.0249 U	0.0265 U
CHRYSENE	0.0184 U	0.0174 U	0.0198 U	0.0189 U	0.018 U	0.0289 U	0.0202 U	0.0189 U	0.0186 U	0.0178 U	0.0188 U	0.018 U	0.0191 U
DI-N-BUTYL PHTHALATE	0.061 U	0.0575 U	0.0653 U	0.0627 J	0.0596 U	0.0954 U	0.0668 J	0.0626 U	0.0615 U	0.0587 U	0.0621 U	0.0595 U	0.0633 U
DI-N-OCTYL PHTHALATE	0.0284 U	0.0268 U	0.0304 U	0.0292 U	0.0277 U	0.0444 U	0.031 U	0.0291 U	0.0286 U	0.0273 U	0.0289 U	0.0277 U	0.0294 U
DIBENZO(A,H)ANTHRACENE	0.0255 U	0.0241 U	0.0274 U	0.0262 U	0.0249 U	0.04 U	0.0279 U	0.0262 U	0.0258 U	0.0246 U	0.026 U	0.0249 U	0.0265 U
DIBENZOFURAN	0.0142 U	0.0134 J	0.0152 U	0.0146 U	0.0139 U	0.0222 U	0.0155 U	0.0146 U	0.0143 U	0.0137 U	0.0144 U	0.0138 U	0.0147 U
DIETHYL PHTHALATE	0.0241 U	0.0227 U	0.0258 U	0.0248 U	0.0236 U	0.0377 U	0.0264 U	0.0247 U	0.0243 U	0.0232 U	0.0245 U	0.0235 U	0.025 U
DIMETHYL PHTHALATE	0.0184 U	0.0174 U	0.0198 U	0.0189 U	0.018 U	0.0289 U	0.0202 U	0.0189 U	0.0186 U	0.0178 U	0.0188 U	0.018 U	0.0191 U
DIPHENYLAMINE	0.0737 U	0.0695 U	0.079 U	0.0758 U	0.0721 U	0.115 U	0.0807 U	0.0757 U	0.0744 U	0.071 U	0.0751 U	0.072 U	0.0765 U
FLUORANTHENE	0.0269 U	0.0254 U	0.0289 U	0.0277 U	0.0263 U	0.0422 U	0.0295 U	0.0276 U	0.0272 U	0.0259 U	0.0274 U	0.0263 U	0.028 U
FLUORENE	0.017 U	0.016 U	0.0182 U	0.0175 U	0.0166 U	0.0266 U	0.0186 U	0.0175 U	0.0172 U	0.0164 U	0.0173 U	0.0166 U	0.0177 U
HEXACHLOROBENZENE	0.0156 U	0.0147 U	0.0167 U	0.016 U	0.0152 U	0.0244 U	0.0171 U	0.016 U	0.0157 U	0.015 U	0.0159 U	0.0152 U	0.0162 U
HEXACHLOROBUTADIENE	0.0142 U	0.057 J	0.0152 U	0.0146 U	0.0139 U	0.0222 U	0.0155 U	0.0146 U	0.0143 U	0.0137 U	0.0144 U	0.0138 U	0.0147 U
HEXACHLOROCYCLOPENTADIENE	0.0199 U	0.0187 U	0.0213 U	0.0204 U	0.0194 U	0.0311 U	0.0217 U	0.0204 U	0.02 U	0.0191 U	0.0202 U	0.0194 U	0.0206 U
HEXACHLOROETHANE	0.0156 U	0.0147 U	0.0167 U	0.016 U	0.0152 U	0.0244 U	0.0171 U	0.016 U	0.0157 U	0.015 U	0.0159 U	0.0152 U	0.0162 U
INDENO(1,2,3-CD)PYRENE	0.0624 U	0.0588 U	0.0669 U	0.0641 U	0.061 U	0.0977 U	0.0683 U	0.064 U	0.063 U	0.0601 U	0.0635 U	0.0609 U	0.0648 U
NAPHTHALENE	0.00851 U	0.0529 J	0.00912 U	0.00875 U	0.00832 U	0.0133 U	0.00932 U	0.0283 J	0.00859 U	0.00819 U	0.00866 U	0.0389 J	0.00883 U
NITROBENZENE	0.0213 U	0.0556 J	0.0228 U	0.0219 U	0.0208 U	0.0333 U	0.0233 U	0.0218 U	0.0215 U	0.0205 U	0.0217 U	0.0208 U	0.0221 U
O-TOLUIDINE	0.0255 U	0.127 J	0.0274 U	0.0262 U	0.0249 U	0.04 U	0.0279 U	0.0262 U	0.0258 U	0.0246 U	0.026 U	0.0347 J	0.0265 U
PENTACHLOROBENZENE	0.0397 U	0.0374 U	0.0425 U	0.0408 U	0.0388 U	0.0621 U	0.0435 U	0.0407 U	0.0401 U	0.0382 U	0.0404 U	0.0388 U	0.0412 U
PENTACHLOROPHENOL	0.218 UJ	0.206 UJ	0.234 UJ	0.224 U	0.213 UJ	0.342 UJ	0.239 UJ	0.224 U	0.22 U	0.21 UJ	0.222 U	0.213 U	0.227 U
PHENANTHRENE	0.0425 U	0.0401 U	0.0456 U	0.0437 U	0.0416 U	0.0666 U	0.0466 U	0.0436 U	0.0429 U	0.041 U	0.0433 U	0.0415 U	0.0442 U
PHENOL	0.0482 UJ	0.213 J	0.0517 UJ	0.0496 U	0.0471 UJ	0.0755 UJ	0.0528 UJ	0.0495 U	0.0487 U	0.0464 UJ	0.0491 U	0.0471 U	0.05 U
PYRENE	0.0255 U	0.0241 U	0.0274 U	0.0262 U	0.0249 U	0.04 U	0.0279 U	0.0262 U	0.0258 U	0.0246 U	0.026 U	0.0249 U	0.0265 U
Pesticides/PCBs (MG/KG)													
4,4'-DDD	0.000714 U	0.000717 U	0.000785 U	0.000676 U	0.000689 U	0.000704 U	0.000718 U	0.000687 U	0.000744 U	0.000658 U	0.000617 U	0.000733 U	0.000685 U
4,4'-DDE	0.000701 U	0.000703 U	0.00077 U	0.000664 U	0.000676 U	0.000691 U	0.000705 U	0.000674 U	0.000731 U	0.000646 U	0.000605 U	0.000719 U	0.000673 U
4,4'-DDT	0.000939 U	0.000942 U	0.00103 U	0.000889 U	0.000906 U	0.000926 U	0.000945 U	0.000903 U	0.000979 U	0.000865 U	0.000811 U	0.000964 U	0.000901 U
ALDRIN	0.000569 U	0.000571 U	0.000625 U	0.000539 U	0.000549 U	0.000561 U	0.000572 U	0.000547 U	0.000593 U	0.000524 U	0.000491 U	0.000584 U	0.000546 U
ALPHA-BHC	0.000701 U	0.000703 U	0.00077 U	0.000664 U	0.000676 U	0.000691 U	0.000705 U	0.000674 U	0.000731 U	0.000646 U	0.000605 U	0.000719 U	0.000673 U
ALPHA-CHLORDANE	0.000569 U	0.000571 U	0.000625 U	0.000539 U	0.000549 U	0.000561 U	0.000572 U	0.000547 U	0.000593 U	0.000524 U	0.000491 U	0.000584 U	0.000546 U
AROCLOR-1016	0.00926 U	0.00929 U	0.0102 U	0.00877 U	0.00893 U	0.00912 U	0.00931 U	0.0089 U	0.00965 U	0.00853 U	0.008 U	0.0095 U	0.00888 U
AROCLOR-1221	0.00926 U	0.00929 U	0.0102 U	0.00877 U	0.00893 U	0.00912 U	0.00931 U	0.0089 U	0.00965 U	0.00853 U	0.008 U	0.0095 U	0.00888 U
AROCLOR-1232	0.00926 U	0.00929 U	0.0102 U	0.00877 U	0.00893 U	0.00912 U	0.00931 U	0.0089 U	0.00965 U	0.00853 U	0.008 U	0.0095 U	0.00888 U
AROCLOR-1242	0.00926 U	0.00929 U	0.0102 U	0.00877 U	0.00893 U	0.00912 U	0.00931 U	0.0089 U	0.00965 U	0.00853 U	0.008 U	0.0095 U	0.00888 U
AROCLOR-1248	0.00926 U	0.00929 U	0.0102 U	0.00877 U	0.00893 U	0.00912 U	0.00931 U	0.0089 U	0.00965 U	0.00853 U	0.008 U	0.0095 U	0.00888 U
AROCLOR-1254	0.00926 U	0.00929 U	0.0102 U	0.00877 U	0.00893 U	0.00912 U	0.00931 U	0.0089 U	0.00965 U	0.00853 U	0.008 U	0.0095 U	0.00888 U
AROCLOR-1260	0.00926 U	0.00929 U	0.0102 U	0.00877 U	0.00893 U	0.00912 U	0.00931 U	0.0089 U	0.00965 U	0.00853 U	0.008 U	0.0095 U	0.00888 U
BETA-BHC	0.00086 U	0.000863 U	0.000945 U	0.000814 U	0.000829 U	0.000847 U	0.000865 U	0.000827 U	0.000896 U	0.000792 U	0.000743 U	0.000882 U	0.000825 U
DELTA-BHC	0.00078 U	0.000783 U	0.000858 U	0.000739 U	0.000753 U	0.000769 U	0.000785 U	0.00075 U	0.000813 U	0.000719 U	0.000674 U	0.000801 U	0.000749 U
DIELDRIN	0.000794 U	0.000796 U	0.000872 U	0.000751 U	0.000765 U	0.000782 U	0.000798 U	0.000763 U	0.000827 U	0.000731 U	0.000685 U	0.000814 U	0.000761 U
ENDOSULFAN I	0.000714 U	0.000717 U	0.000785 U	0.000676 U	0.000689 U	0.000704 U	0.000718 U	0.000687 U	0.000744 U	0.000658 U	0.000617 U	0.000733 U	0.000685 U
ENDOSULFAN II	0.000569 U	0.000571 U	0.000625 U	0.000539 U	0.000549 U	0.000561 U	0.000572 U	0.000547 U	0.000593 U	0.000524 U	0.000491 U	0.000584 U	0.000546 U
ENDOSULFAN SULFATE	0.000807 U	0.00081 U	0.000887 U	0.000764 U	0.000778 U	0.000795 U	0.000812 U	0.000776 U	0.000841 U	0.000743 U	0.000697 U	0.000828 U	0.000774 U
ENDRIN	0.000913 U	0.000916 U	0.001 U	0.000864 U	0.00088 U	0.000899 U	0.000918 U	0.000878 U	0.000951 U	0.000841 U	0.000788 U	0.000936 U	0.000876 U
ENDRIN ALDEHYDE	0.00082 U	0.000823 U	0.000901 U	0.000776 U	0.000791 U	0.000808 U	0.000825 U	0.000789 U	0.000855 U	0.000755 U	0.000708 U	0.000841 U	0.000787 U
GAMMA-BHC (LINDANE)	0.000675 U	0.000677 U	0.000741 U	0.000639 U	0.000651 U	0.000665 U	0.000679 U	0.000649 U	0.000703 U	0.000621 U	0.000583 U	0.000692 U	0.000647 U
GAMMA-CHLORDANE	0.000622 U	0.000624 U	0.000683 U	0.000589 U	0.0006 U	0.000613 U	0.000625 U	0.000598 U	0.000648 U	0.000573 U	0.000537 U	0.000638 U	0.000597 U
HEPTACHLOR	0.000807 U	0.00081 U	0.000887 U	0.000764 U	0.000778 U	0.000795 U	0.000812 U	0.000776 U	0.000841 U	0.000743 U	0.000697 U	0.000828 U	0.000774 U
HEPTACHLOR EPOXIDE	0.000622 U	0.000624 U	0.000683 U	0.000589 U	0.0006 U	0.000613 U	0.000625 U	0.000598 U	0.000648 U	0.000573 U	0.000537 U	0.000638 U	0.000597 U
METHOXYCHLOR	0.00101 U	0.00101 U	0.0011 U	0.000952 U	0.000969 U	0.000991 U	0.00101 U	0.000967 U	0.00105 U	0.000926 U	0.000868 U	0.00103 U	0.000965 U
PENTACHLORONITROBENZENE	0.000661 U	0.000664 U	0.000727 U	0.000626 U	0.000638 U	0.000652 U	0.000665 U	0.000636 U	0.000689 U	0.000609 U	0.000571 U	0.000679 U	0.000635 U

J-Estimated value
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STUDY AREA 08
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0120	0246	0290	0419	0502	0525	1638	1827	1835	1846	1847	1865	1874
Sample ID	0120SS0010006	0246SS0010006	0290SS0010006	0419SS0010006	0502SS0010006	0525SS0010006	1638SS0010006	1827SS0010006	1835SS0010006	1846SS0010006	1847SS0010006	1865SS0010006	1874SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090204	20081120	20090212	20090207	20090212	20090202	20090126	20090211	20090210	20090209	20090209	20090206	20090205
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6129400602082	6132215214032	6132136112223	6132201802025	6129418202036	6129414806036	6130341412100	6132540002297	6129420604033	6132529210191	6132230802090	6132237202041	6129418204130
Likely Water Source	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
TOXAPHENE	0.00794 U	0.00796 U	0.00872 U	0.00751 U	0.00765 U	0.00782 U	0.00798 U	0.00763 U	0.00827 U	0.00731 U	0.00685 U	0.00814 U	0.00761 U
Inorganics (MG/KG)													
ALUMINUM	38900	57300	53700	56200	36400	80700	34200	60300	46600	35900	59600	53300	53800
ANTIMONY	0.53	0.506	0.593	0.645	0.38	0.717	0.752	0.531	0.461	0.58	0.522	0.678	0.544
ARSENIC	12.5	14.9	16.8	16.9	11.3	15.2	14.4	17	14.3	10.6	16.5	15.4	16.3
BARIUM	248	406	386	424	253	629	311	462	340	275	407	369	416
BERYLLIUM	4.97	7.09	7.41	7.71	5.08	6.24	4.26	7.53	6.31	4.59	7.78	6.82	7.17
CADMIUM	0.121	0.331	0.427	0.38	0.215	0.178	0.239	0.305	0.278	0.225	0.328	1.12	0.138
CHROMIUM	5.28	7.02	8.33	10	6.93	10.3	5.68	7.29	8.17	10.6	7.75	20.8	5.87
COBALT	5.6	6.31	5.98	7.15	5.07	9.27	5.56	7.38	6.24	6.3	6.42	7.65	7.18
COPPER	28.1	32.8	17	39.6	23.7	20.7	35	30.4	26.8	16.5	28.7	40.1	48.5
IRON	17600	26200	24100	26500	19400	33200	17500	27800	22900	20300	25800	25800	25100
LEAD	38.4	45.1	44.2	47.7	30.3	48.8	47.2	48.8	42.4	28.1	45.8	47.9	46.3
MANGANESE	717	901	847	845	617	873	585	927	857	664	871	866	869
MERCURY	0.106 U	0.111 U	0.17	0.102 U	0.0932 U	0.098 U	0.0943 U	0.1 U	0.104 U	0.101 U	0.0965 U	0.101 U	0.0946 U
NICKEL	6.1	7.33	4.85	7.1	4.38	10.1	5.16	6.24	6.13	7.5	5.85	8.87	6.42
SELENIUM	0.0833 U	0.313	0.214	0.161	0.102	0.183	0.234	0.193	0.153	0.0979	0.139	0.211	0.097
SILVER	0.104 U	0.212	0.138	0.173	0.106 U	0.106 U	0.135	0.167	0.129	0.132	0.137	0.246	0.106 U
THALLIUM	1.22	0.912	1.96	1.95	1.09 U	2.51	2.11 U	1.62	1.66	1.03	1.77	2.76	1.67
TIN	2.68	6.37	3.5	3.47	2.27	3.81	3.43	3.51	2.89	2.77	3.41	4.2	3.29
VANADIUM	37.4	48.3	44.4	49	41.3	52.4	36.5	53.3	46.1	39.6	49.1	51.4	48.5
ZINC	54.6	86.1	57.4	70.9	54.9	63.4	74.8	70.4	71.4	67.5	63.3	82.3	60
Miscellaneous Parameters (MG/KG)													
CYANIDE	0.17 U	0.165 U	0.184	0.175 U	0.164 U	0.17 U	0.185 U	0.174 U	0.171 U	0.164 U	0.174 U	0.166 U	0.176 U

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STUDY AREA 08
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1878	1897	1899	2018	2074
Sample ID	1878SS0010006	1897SS0010006	1899SS0010006	2018SS0010006	2074SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090207	20090206	20090205	20090210	20090206
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132205402013	6132511242106	6132200299107	6132205502255	6132515102054
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/KG)					
1,2,3,4,6,7,8,9-OCDD	5.1 J	17	13 J	6.6 J	16
1,2,3,4,6,7,8,9-OCDF	0.58 U	1.5 J	1.1 J	0.82 J	1.1 J
1,2,3,4,6,7,8-HPCDD	1.2 J	3.4 J	2.2 J	1.8 J	4.1 J
1,2,3,4,6,7,8-HPCDF	0.76 J	2.1 J	0.88 J	0.73 J	3 J
1,2,3,4,7,8,9-HPCDF	0.077 U	0.17 J	0.13 J	0.143 U	0.29 J
1,2,3,4,7,8-HXCDD	0.089 U	0.19 U	0.16 U	0.094 U	0.18 U
1,2,3,4,7,8-HXCDF	0.17 U	0.52 J	0.23 J	0.24 J	1.3 J
1,2,3,6,7,8-HXCDD	0.14 U	0.39 J	0.26 J	0.17 U	0.54 J
1,2,3,6,7,8-HXCDF	0.15 U	0.54 J	0.21 U	0.19 U	1 J
1,2,3,7,8,9-HXCDD	0.12 U	0.32 U	0.22 U	0.13 U	0.48 J
1,2,3,7,8,9-HXCDF	0.059 U	0.1 U	0.130399 U	0.082 U	0.18 U
1,2,3,7,8-PECDD	0.074 U	0.2 U	0.11 U	0.094 U	0.45 J
1,2,3,7,8-PECDF	0.16 U	0.48 J	0.68 J	0.26 J	1.1 J
2,3,4,6,7,8-HXCDF	0.17 J	0.55 J	0.22 J	0.21 J	1 J
2,3,4,7,8-PECDF	0.24 U	0.57 J	0.37 J	0.29 J	1.2 J
2,3,7,8-TCDD	0.04 U	0.081 U	0.098 U	0.094 U	0.14 J
2,3,7,8-TCDF	0.34 U	0.53 U	0.57 U	0.4 U	1.1 J
TEQ	0.03813	0.44765	0.23873	0.167326	1.60403
TOTAL HPCDD	2.1 J	6.7 J	4 J	3 J	8.1 J
TOTAL HPCDF	1.3 J	4 J	1.8 J	1.3 J	5 J
TOTAL HXCDD	1.7 J	6.3 J	2.4 J	2.1 J	12 J
TOTAL HXCDF	1.8 J	8 J	4 J	2.3 J	14 J
TOTAL PECDD	1.5 J	5.9	1.7 J	1.6 J	15
TOTAL PECDF	2.4 J	8 J	4.7 J	2 J	21
TOTAL TCDD	1.6 J	5.5	1.7	1.5 J	16
TOTAL TCDF	4.9 J	9.2 J	7 J	4.1 J	28
Volatile Organics (MG/KG)					
1,1,1,2-TETRACHLOROETHANE	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
1,1,1-TRICHLOROETHANE	0.000581 U	0.000539 U	0.000562 U	0.000603 U	0.000584 U
1,1,2,2-TETRACHLOROETHANE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
1,1,2-TRICHLOROETHANE	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.00102 U	0.00178 J	0.000983 U	0.00106 U	0.00102 U
1,1-DICHLOROETHANE	0.00102 U	0.000943 U	0.000983 U	0.00106 U	0.00102 U
1,1-DICHLOROETHENE	0.000726 U	0.000674 U	0.000702 U	0.000754 U	0.00073 U
1,2,3-TRICHLOROBENZENE	0.000726 U	0.000674 U	0.000702 U	0.000754 U	0.00073 U
1,2,3-TRICHLOROPROPANE	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
1,2,4-TRICHLOROBENZENE	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
1,2,4-TRIMETHYLBENZENE	0.000581 U	0.000539 U	0.000562 U	0.000603 U	0.000584 U
1,2-DIBROMO-3-CHLOROPROPANE	0.000581 U	0.000539 U	0.000562 U	0.000603 U	0.000584 U
1,2-DIBROMOETHANE	0.000145 U	0.000135 U	0.00014 U	0.000151 U	0.000146 U
1,2-DICHLOROBENZENE	0.000145 U	0.000135 U	0.00014 U	0.000151 U	0.000146 U
1,2-DICHLOROETHANE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
1,2-DICHLOROPROPANE	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
1,2-DICHLOROTETRAFLUOROETHANE	0.000872 UR	0.000808 U	0.000843 U	0.000904 UR	0.000876 UR
1,3,5-TRIMETHYLBENZENE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
1,3-DICHLOROBENZENE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
1,3-DICHLOROPROPANE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
1,4-DICHLOROBENZENE	0.000145 U	0.000135 U	0.00014 U	0.000151 U	0.000146 J
2,2-DICHLOROPROPANE	0.000726 U	0.000674 U	0.000702 U	0.000754 U	0.00073 U
2-BUTANONE	0.00262 U	0.00242 U	0.00253 U	0.00271 U	0.00263 U
2-CHLOROTOLUENE	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
2-HEXANONE	0.00145 U	0.00135 U	0.0014 U	0.00151 U	0.00146 U
4-CHLOROTOLUENE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
4-ISOPROPYLTOLUENE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
4-METHYL-2-PENTANONE	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
ACETONE	0.0217 U	0.216	0.00815 U	0.0102 J	0.0115 U
ACROLEIN	0.00741 U	0.00687 U	0.00716 U	0.00769 U	0.00744 U
BENZENE	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
BROMOCHLOROMETHANE	0.000581 U	0.000539 U	0.000562 U	0.000603 U	0.000584 U

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STUDY AREA 08
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1878	1897	1899	2018	2074
Sample ID	1878SS0010006	1897SS0010006	1899SS0010006	2018SS0010006	2074SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090207	20090206	20090205	20090210	20090206
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132205402013	6132511242106	6132200299107	6132205502255	6132515102054
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BROMODICHLOROMETHANE	0.000581 U	0.000539 U	0.000562 U	0.000603 U	0.000584 U
BROMOFORM	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
BROMOMETHANE	0.00436 UR	0.00404 U	0.00421 U	0.00452 U	0.00438 UR
CARBON TETRACHLORIDE	0.000581 U	0.000539 U	0.000562 U	0.000603 U	0.000584 U
CHLOROBENZENE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
CHLORODIBROMOMETHANE	0.000145 U	0.000135 U	0.00014 U	0.000151 U	0.000146 U
CHLOROETHANE	0.000581 UR	0.000539 U	0.000562 U	0.000603 UR	0.000584 UR
CHLOROFORM	0.00102 U	0.000943 U	0.000983 U	0.00106 U	0.00102 U
CHLOROMETHANE	0.00131 U	0.00121 U	0.00126 U	0.00136 U	0.00131 U
CIS-1,2-DICHLOROETHENE	0.00102 U	0.000943 U	0.000983 U	0.00106 U	0.00102 U
CIS-1,3-DICHLOROPROPENE	0.000145 U	0.000135 U	0.00014 U	0.000151 U	0.000146 U
DICHLORODIFLUOROMETHANE	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
ETHYLBENZENE	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
ISOPROPYLBENZENE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
M+P-XYLENES	0.000872 U	0.000808 U	0.000843 U	0.000904 U	0.000876 U
METHYL TERT-BUTYL ETHER	0.000726 U	0.000674 U	0.000702 U	0.000754 U	0.00073 U
METHYLENE CHLORIDE	0.00145 U	0.00135 U	0.0014 U	0.00151 U	0.00146 U
N-BUTYLBENZENE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
N-PROPYLBENZENE	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
O-XYLENE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
SEC-BUTYLBENZENE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
STYRENE	0.000291 U	0.000269 U	0.000281 U	0.000301 U	0.000292 U
TERT-BUTYLBENZENE	0.000581 U	0.000539 U	0.000562 U	0.000603 U	0.000584 U
TETRACHLOROETHENE	0.000872 U	0.000808 U	0.000843 U	0.000904 U	0.000876 U
TOLUENE	0.0123	0.253	0.000702 U	0.00481 J	0.0166
TRANS-1,2-DICHLOROETHENE	0.000872 U	0.000808 U	0.000843 U	0.000904 U	0.000876 U
TRANS-1,3-DICHLOROPROPENE	0.000436 U	0.000404 U	0.000421 U	0.000452 U	0.000438 U
TRICHLOROETHENE	0.000726 U	0.000674 U	0.000702 U	0.000754 U	0.00073 U
TRICHLOROFLUOROMETHANE	0.00116 U	0.00108 U	0.00112 U	0.00121 U	0.00117 U
VINYL CHLORIDE	0.000581 U	0.000539 U	0.000562 U	0.000603 U	0.000584 U
Semivolatile Organics (MG/KG)					
1,1-BIPHENYL	0.0216 U	0.0202 U	0.0211 U	0.0226 U	0.0219 U
1,2,4,5-TETRACHLOROBENZENE	0.0173 U	0.0162 U	0.0169 U	0.0181 U	0.0175 U
2,3,4,6-TETRACHLOROPHENOL	0.102 U	0.0956 U	0.0998 UJ	0.107 U	0.104 U
2,4,5-TRICHLOROPHENOL	0.177 U	0.166 U	0.173 UJ	0.185 U	0.18 U
2,4,6-TRICHLOROPHENOL	0.0949 U	0.0889 U	0.0927 UJ	0.0995 U	0.0963 U
2,4-DICHLOROPHENOL	0.111 U	0.104 U	0.108 UJ	0.116 U	0.112 U
2,4-DIMETHYLPHENOL	0.213 U	0.199 U	0.208 UJ	0.223 U	0.216 U
2,4-DINITROPHENOL	0.0791 UJ	0.0741 U	0.0773 UJ	0.0829 U	0.0803 UJ
2,4-DINITROTOLUENE	0.0259 U	0.0242 U	0.0253 U	0.0271 U	0.0263 U
2,6-DICHLOROPHENOL	0.0676 U	0.0633 U	0.066 UJ	0.0708 U	0.0686 U
2,6-DINITROTOLUENE	0.0216 U	0.0202 U	0.0211 U	0.0226 U	0.0219 U
2-CHLORONAPHTHALENE	0.0115 U	0.0108 U	0.0112 U	0.0121 U	0.0117 U
2-CHLOROPHENOL	0.0719 U	0.0674 U	0.0703 UJ	0.0754 U	0.073 U
2-METHYLNAPHTHALENE	0.0245 U	0.0229 U	0.0239 U	0.0256 U	0.0248 U
2-METHYLPHENOL	0.144 U	0.135 U	0.14 UJ	0.151 U	0.146 U
2-NITROPHENOL	0.0906 U	0.0849 U	0.0885 UJ	0.0949 U	0.0919 U
3&4-METHYLPHENOL	0.165 U	0.155 U	0.162 UJ	0.173 U	0.168 U
3-NITROANILINE	0.0259 U	0.0242 U	0.0253 U	0.0271 U	0.0263 U
4,6-DINITRO-2-METHYLPHENOL	0.0964 U	0.0902 U	0.0941 UJ	0.101 U	0.0978 U
4-BROMOPHENYL PHENYL ETHER	0.0173 U	0.0162 U	0.0169 U	0.0181 U	0.0175 U
4-CHLORO-3-METHYLPHENOL	0.127 U	0.119 U	0.124 UJ	0.133 U	0.128 U
4-CHLOROANILINE	0.0331 U	0.031 U	0.0323 U	0.0347 U	0.0336 U
4-NITROANILINE	0.0633 U	0.0593 U	0.0618 U	0.0663 U	0.0642 U
4-NITROPHENOL	0.17 U	0.159 U	0.166 UJ	0.178 U	0.172 U
ACENAPHTHENE	0.0144 U	0.0135 U	0.014 U	0.0151 U	0.0146 U
ACENAPHTHYLENE	0.0129 U	0.0121 U	0.0126 U	0.0136 U	0.0131 U
ANILINE	0.0288 U	0.0269 U	0.0281 U	0.0301 U	0.0292 U
ANTHRACENE	0.0173 U	0.0162 U	0.0169 U	0.0181 U	0.0175 U
ATRAZINE	0.0374 U	0.035 U	0.0365 U	0.0392 U	0.0379 U

J-Estimated value
R-Rejected Value
U-Not detected at that value

STUDY AREA 08
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1878	1897	1899	2018	2074
Sample ID	1878SS0010006	1897SS0010006	1899SS0010006	2018SS0010006	2074SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090207	20090206	20090205	20090210	20090206
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132205402013	6132511242106	6132200299107	6132205502255	6132515102054
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BAP EQUIVALENT	0.0245 U	0.0229 U	0.0611	0.0256 U	0.0248 U
BENZO(A)ANTHRACENE	0.023 U	0.0216 U	0.0225 U	0.0241 U	0.0234 U
BENZO(A)PYRENE	0.0245 U	0.0229 U	0.0239 U	0.0256 U	0.0248 U
BENZO(B)FLUORANTHENE	0.0288 U	0.0269 U	0.0281 U	0.0301 U	0.0292 U
BENZO(G,H,I)PERYLENE	0.0403 U	0.0377 U	0.0393 U	0.0422 U	0.0409 U
BENZO(K)FLUORANTHENE	0.0259 U	0.0242 U	0.0253 U	0.0271 U	0.0263 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.151 U	0.141 U	0.148 U	0.158 U	0.153 J
BUTYL BENZYL PHTHALATE	0.0432 U	0.0404 U	0.0422 U	0.0452 U	0.0438 U
CARBAZOLE	0.0259 U	0.0242 U	0.0253 U	0.0271 U	0.0263 U
CHRYSENE	0.0187 U	0.0175 U	0.0183 U	0.0196 U	0.019 U
DI-N-BUTYL PHTHALATE	0.0619 U	0.0579 J	0.0604 U	0.0648 J	0.0628 U
DI-N-OCTYL PHTHALATE	0.0288 U	0.0269 U	0.0281 U	0.0301 U	0.0292 U
DIBENZO(A,H)ANTHRACENE	0.0259 U	0.0242 U	0.0611 J	0.0271 U	0.0263 U
DIBENZOFURAN	0.0144 U	0.0135 U	0.014 U	0.0151 U	0.0146 U
DIETHYL PHTHALATE	0.0245 U	0.0229 U	0.0239 U	0.0256 U	0.0248 U
DIMETHYL PHTHALATE	0.0187 U	0.0175 U	0.0183 U	0.0196 U	0.019 U
DIPHENYLAMINE	0.0748 U	0.07 U	0.0731 U	0.0784 U	0.0759 U
FLUORANTHENE	0.0273 U	0.0256 U	0.0267 U	0.0286 U	0.0277 U
FLUORENE	0.0173 U	0.0162 U	0.0169 U	0.0181 U	0.0175 U
HEXACHLOROBENZENE	0.0158 U	0.0148 U	0.0155 U	0.0166 U	0.0161 U
HEXACHLOROBUTADIENE	0.0144 U	0.0135 U	0.014 U	0.0151 U	0.0146 U
HEXACHLOROCYCLOPENTADIENE	0.0201 U	0.0189 U	0.0197 U	0.0211 U	0.0204 U
HEXACHLOROETHANE	0.0158 U	0.0148 U	0.0155 U	0.0166 U	0.0161 U
INDENO(1,2,3-CD)PYRENE	0.0633 U	0.0593 U	0.0618 U	0.0663 U	0.0642 U
NAPHTHALENE	0.00863 U	0.00808 U	0.00843 U	0.00904 U	0.00876 U
NITROBENZENE	0.0216 U	0.0202 U	0.0211 U	0.0226 U	0.0219 U
O-TOLUIDINE	0.0259 U	0.0242 U	0.0253 U	0.0271 U	0.0263 U
PENTACHLOROBENZENE	0.0403 U	0.0377 U	0.0393 U	0.0422 U	0.0409 U
PENTACHLOROPHENOL	0.222 U	0.207 U	0.216 UJ	0.232 U	0.225 U
PHENANTHRENE	0.0432 U	0.0404 U	0.0422 U	0.0452 U	0.0438 U
PHENOL	0.0489 U	0.0458 U	0.0478 UJ	0.0512 U	0.0496 U
PYRENE	0.0259 U	0.0242 U	0.0253 U	0.0271 U	0.0263 U
Pesticides/PCBs (MG/KG)					
4,4'-DDD	0.000677 U	0.000682 U	0.000745 U	0.000763 U	0.000758 U
4,4'-DDE	0.000665 U	0.00067 U	0.000731 U	0.000749 U	0.000744 U
4,4'-DDT	0.000891 U	0.000897 U	0.00098 U	0.001 U	0.000996 U
ALDRIN	0.000539 U	0.000543 U	0.000593 U	0.000608 U	0.000604 U
ALPHA-BHC	0.000665 U	0.00067 U	0.000731 U	0.000749 U	0.000744 U
ALPHA-CHLORDANE	0.000539 U	0.000543 U	0.000593 U	0.000608 U	0.000604 U
AROCLOR-1016	0.00878 U	0.00885 U	0.00966 U	0.0099 U	0.00982 U
AROCLOR-1221	0.00878 U	0.00885 U	0.00966 U	0.0099 U	0.00982 U
AROCLOR-1232	0.00878 U	0.00885 U	0.00966 U	0.0099 U	0.00982 U
AROCLOR-1242	0.00878 U	0.00885 U	0.00966 U	0.0099 U	0.00982 U
AROCLOR-1248	0.00878 U	0.00885 U	0.00966 U	0.0099 U	0.00982 U
AROCLOR-1254	0.00878 U	0.00885 U	0.00966 U	0.0099 U	0.00982 U
AROCLOR-1260	0.00878 U	0.00885 U	0.00966 U	0.0099 U	0.00982 U
BETA-BHC	0.000816 U	0.000821 U	0.000897 U	0.000919 U	0.000912 U
DELTA-BHC	0.00074 U	0.000746 U	0.000814 U	0.000834 U	0.000828 U
DIELDRIN	0.000753 U	0.000758 U	0.000828 U	0.000848 U	0.000842 U
ENDOSULFAN I	0.000677 U	0.000682 U	0.000745 U	0.000763 U	0.000758 U
ENDOSULFAN II	0.000539 U	0.000543 U	0.000593 U	0.000608 U	0.000604 U
ENDOSULFAN SULFATE	0.000765 U	0.000771 U	0.000842 U	0.000862 U	0.000856 U
ENDRIN	0.000866 U	0.000872 U	0.000952 U	0.000976 U	0.000968 U
ENDRIN ALDEHYDE	0.000778 U	0.000784 U	0.000856 U	0.000877 U	0.00087 U
GAMMA-BHC (LINDANE)	0.00064 U	0.000645 U	0.000704 U	0.000721 U	0.000716 U
GAMMA-CHLORDANE	0.00059 U	0.000594 U	0.000649 U	0.000665 U	0.00066 U
HEPTACHLOR	0.000765 U	0.000771 U	0.000842 U	0.000862 U	0.000856 U
HEPTACHLOR EPOXIDE	0.00059 U	0.000594 U	0.000649 U	0.000665 U	0.00066 U
METHOXYCHLOR	0.000954 U	0.00096 U	0.00105 U	0.00107 U	0.00107 U
PENTACHLORONITROBENZENE	0.000627 U	0.000632 U	0.00069 U	0.000707 U	0.000702 U

J-Estimated value
R-Rejected Value
U-Not detected at that value

STUDY AREA 08
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1878	1897	1899	2018	2074
Sample ID	1878SS0010006	1897SS0010006	1899SS0010006	2018SS0010006	2074SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090207	20090206	20090205	20090210	20090206
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132205402013	6132511242106	6132200299107	6132205502255	6132515102054
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
TOXAPHENE	0.00753 U	0.00758 U	0.00828 U	0.00848 U	0.00842 U
Inorganics (MG/KG)					
ALUMINUM	68800	52400	42300	65700	52100
ANTIMONY	0.685	0.753	0.58	0.554	0.638
ARSENIC	18.7	16	12.4	19.7	14.9
BARIUM	531	700	375	400	385
BERYLLIUM	8.99	6.92	5.82	8.69	6.7
CADMIUM	1.35	0.322	0.147	0.34	0.304
CHROMIUM	7.84	5.56	6.49	8.61	14.4
COBALT	7.84	6.45	6.37	6.87	6.52
COPPER	54	26.7	30.3	17.3	25
IRON	30300	23500	21700	28100	24000
LEAD	53.5	63.9	45.4	49.8	44.1
MANGANESE	1010	672	867	932	770
MERCURY	0.0955 U	0.0965 U	0.0968 U	0.094 U	0.0932 U
NICKEL	6.15	5.92	6.38	5.86	6.43
SELENIUM	0.199	0.215	0.0839 U	0.157	0.17
SILVER	0.233	0.186	0.105 U	0.225	0.228
THALLIUM	2.14	2.46	1.57	2.15	1.95
TIN	4.56	3.26	3.02	3.77	3.23
VANADIUM	56.9	55.2	41.2	52.2	45
ZINC	83.9	75.1	62.3	68.7	86
Miscellaneous Parameters (MG/KG)					
CYANIDE	0.174 U	0.161 U	0.169 U	0.181 U	0.174 U

J-Estimated value
R-Rejected Value
U-Not detected at that value

STUDY AREA 9

SOIL GAS DATA
WATER DATA
SOIL DATA

STUDY AREA 09
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0551	0552	2003	2040	2078	2102	LE50	LE51
Sample ID	0551SG001	0552SG001	2003SG001	2040SG001	2078SG001	2102SG001	LE50SG001	LE51SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	PARCO	PARCO
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090211	20090202	20090409	20090210	20090122	20090219	20090511	20090615
Study Area	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	PARCO LE GINESTRE	PARCO LE GINESTRE
Premise ID	6103408314130	6104900104128	6114510608132	6102201202170	6103103702348	6101304302163	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (UG/M3)								
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.15 U	0.15 U	0.438	0.15 U	0.15 UJ	0.15 U	0.33	2.59
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.976	0.694 J	0.08 U	0.702	0.604 J	27.6	0.674	2.94
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 UR	0.4 UR	2.34	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 U	0.19 U	0.19 U	0.19 UJ	0.19 UR	1.56	0.356 U	0.622 U
1,2,4-TRIMETHYLBENZENE	0.707	0.612 J	0.636	1.38	2.15 J	0.05 U	8.64	2.62
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UR	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 UJ	0.12 U	0.12 U	0.184 J
1,2-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.183 J	0.1 U	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.654
1,2-DICHLOROPROPANE	18.3	3.24 J	0.09 U	3.23	5.69 J	0.426	1.02	0.703
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.05 U	0.21 J	0.237	0.409	0.491 J	0.05 U	2.6	0.889
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 UJ	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.168 J	0.09 U	0.09 U
1,4-DICHLOROBENZENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.658	0.09 U	0.223 U
2-BUTANONE	1.34	1.73 J	1.57	1.15	1.91 J	1.45	8.07	4.46
ACETONE	18.3	14.7 J	11.4	29.6 J	1.06 UJ	52.9	64.6	37.3
ACETONITRILE	0.38 U	0.38 U	0.38 U	0.45 J	0.38 UJ	3.53	2.9	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 UR	1.02 U	3.08	1.02 U
ACROLEIN	1.74	0.988 J	1.34	0.41 U	1.95 J	0.41 U	1.35	0.41 U
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U
BENZENE	0.906	0.66 J	1.03	1.17	6.74 J	5.15	7.6	2.93
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.269 J	0.192 J
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.459
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	12.3	0.479 J	1.22	1.45	18.7 J	0.592	2.07	1.4
CARBON TETRACHLORIDE	0.169 J	0.13 U	0.13 U	0.693	0.13 UJ	0.415	0.203 J	0.197 J
CHLOROBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.208
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 UJ	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U
CHLOROFORM	1.04	5.56 J	0.592	0.275 J	1.41 J	1.37	3.94	7.86
CHLOROMETHANE	0.229	0.229 J	0.07 U	0.07 U	0.191 J	0.07 U	0.07 U	0.18 J
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.227 J	0.401 J	0.11 U	0.11 U	11.7 J	437	4.1	1.83
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2.74	2.12 J	7.31	2.55	2.31 J	1.85	3.57	3.6
ETHYLBENZENE	1.03	0.731 J	7.42	2.17	1.55 J	30.4	5.06	1.32
HEXACHLOROBUTADIENE	0.24 U	0.24 U	0.24 U	0.296 J	0.24 UJ	1.67	0.24 U	0.694 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U
HEXANE	1.87	1.51 J	0.17 U	0.468	182 J	12.5	13.6	4.9
ISOBUTANOL	3.33	1.53 J	0.46 U	0.46 U	0.46 UJ	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.218	0.07 UJ	0.07 U	0.79	0.07 U
M+P-XYLENES	2.02	2.61 J	5.24	3.05	4.65 J	15.8	10.7	3.61
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.165 J	0.626 J	0.673	0.177 J	15.5 J	0.424	5.84	2.06
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.462	0.08 U	0.08 U	0.601	0.415 J	0.08 U	0.441	0.635
O-XYLENE	0.822	1.2 J	2.49	1.91	1.85 J	6.35	4.53	1.71
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U	0.25 U	0.25 U
STYRENE	1.97	1.94 J	28.7	22.4	0.07 UJ	93.3	10.3	0.07 U
TETRACHLOROETHENE	4.27	2.65 J	6.15	5.53 J	7.29 J	1.45 U	23.3	145
TOLUENE	3.41	4.18 J	7.6	3.37 J	11.5 J	93	13.4	5.55
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.194 J
TRICHLOROFLUOROMETHANE	3.94	1.57 J	87.7	1.88	2.14 J	5.14	70.5	102
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 UJ	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 09
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0200	0551	0552	2002	2003	2003	2040	2078	2102	2102	2102	LE07	LE11
Sample ID	0200TW001	0551TW001	0552TW001	2002TW001	2003TW001	2003TW002	2040TW001	2078TW001	2102TW001	2102TW001-AVG	2102TW001-D	LE07TW001	LE11TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I	PHASE I
Sample Date	20090518	20090211	20090202	20090514	20081216	20090409	20090210	20090122	20090219	20090219	20090219	20080712	20080703
Study Area	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	PARCO LE GINESTRE	PARCO LE GINESTRE
Premise ID	6256107902130	6103408314130	6104900104128	6103719002115	6114510608132	6114510608132	6102201202170	6103103702348	6101304302163	6101304302163	6101304302163	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/L)													
1,2,3,4,6,7,8,9-OCDD	0.0012 U	0.0033 U	0.0039 U	0.0016 U	0.0038 U		0.0056 U	0.011 U	0.0041 U	0.0042 U	0.0043 U	0.0039 U	0.0034 U
1,2,3,4,6,7,8,9-OCDF	0.00064 U	0.00053 U	0.0012 U	0.000761 U	0.0015 J		0.0019 U	0.0014 U	0.00046 U	0.00057 U	0.00068 U	0.0011 U	0.0024 U
1,2,3,4,6,7,8-HPCDD	0.00057 U	0.0013 U	0.0013 U	0.0005 U	0.0016 U		0.0021 U	0.0021 U	0.0018 U	0.00155 U	0.0013 U	0.0015 U	0.0019 U
1,2,3,4,6,7,8-HPCDF	0.00057 U	0.00062 U	0.00071 U	0.00062 U	0.0012 U		0.00099 U	0.00045 U	0.00049 U	0.000535 U	0.00058 U	0.0013 U	0.0022 U
1,2,3,4,7,8,9-HPCDF	0.000284 U	0.00024 U	0.0005 U	0.00038 U	0.00033 U		0.00042 J	0.000501 U	0.00017 U	0.000242 U	0.000313 U	0.00034 U	0.000433 U
1,2,3,4,7,8-HXCDD	0.00026 U	0.00029 U	0.00012 U	0.00029 U	0.00043 U		0.00035 U	0.00038 U	0.00039 U	0.00034 U	0.00029 U	0.00032 U	0.000254 J
1,2,3,4,7,8-HXCDF	0.00061 U	0.000334 U	0.00024 U	0.00048 U	0.00073 U		0.000521 U	0.00025 U	0.00027 U	0.000207 U	0.000144 U	0.00032 U	0.00025 J
1,2,3,6,7,8-HXCDD	0.000213 U	0.00029 U	0.00021 U	0.00024 U	0.00043 U		0.000322 U	0.000301 U	0.00034 U	0.000305 U	0.00027 U	0.00042 U	0.000203 U
1,2,3,6,7,8-HXCDF	0.00031 U	0.00031 U	0.00021 U	0.00036 U	0.00045 U		0.000472 U	0.0002 U	0.00029 U	0.000205 U	0.00012 U	0.00027 U	0.00018 U
1,2,3,7,8,9-HXCDD	0.000213 U	0.00031 U	0.00021 U	0.00031 U	0.00038 U		0.00067 U	0.00033 U	0.00034 U	0.000305 U	0.00027 U	0.00034 J	0.00023 U
1,2,3,7,8,9-HXCDF	0.00038 U	0.00041 U	0.000212 J	0.00031 U	0.00043 U		0.0006 U	0.00028 U	0.000194 U	0.000169 U	0.000144 U	0.00032 U	0.00023 U
1,2,3,7,8-PECDD	0.000284 U	0.00053 U	0.00019 U	0.000404 U	0.00063 U		0.00072 U	0.00038 U	0.00044 U	0.000377 U	0.000313 U	0.00037 U	0.000331 U
1,2,3,7,8-PECDF	0.00026 U	0.00069 U	0.00024 U	0.000214 U	0.00043 U		0.000422 U	0.00025 U	0.00027 U	0.00023 U	0.00019 U	0.0002 U	0.00023 U
2,3,4,6,7,8-HXCDF	0.000331 U	0.00036 U	0.00021 U	0.00029 U	0.00028 U		0.000521 U	0.00025 U	0.00017 U	0.000157 U	0.000144 U	0.000293 U	0.00033 J
2,3,4,7,8-PECDF	0.00038 U	0.00057 U	0.00064 U	0.000214 U	0.00063 U		0.00072 U	0.00025 U	0.00044 U	0.00052 U	0.0006 U	0.00027 U	0.00033 J
2,3,7,8-TCDD	0.00024 U	0.00067 U	0.00094	0.00024 U	0.000251 U		0.00082 U	0.000301 U	0.00032 U	0.000295 U	0.00027 U	0.00027 U	0.00023 U
2,3,7,8-TCDF	0.00019 U	0.00043 U	0.00066 U	0.00026 U	0.00018 U		0.0016 U	0.00028 U	0.00029 U	0.00042 U	0.00055 U	0.0002 U	0.00023 U
TEQ	0.00024 U	0.00067 U	0.000961	0.00024 U	4.5E-07		4.2E-06	0.000301 U	0.00032 U	0.000295 U	0.00027 U	0.000034	0.000182
TOTAL HPCDD	0.00057 J	0.0013 J	0.0021 J	0.0005 U	0.0016 J		0.0021 J	0.0035 J	0.0018 J	0.00155 J	0.0013 J	0.0022 J	0.003 J
TOTAL HPCDF	0.0008 J	0.00067 J	0.0011 J	0.00078 J	0.0015 J		0.0014 J	0.00088 U	0.00063 J	0.00069 J	0.00075 J	0.0026 J	0.004 J
TOTAL HXCDD	0.00069 U	0.000812 U	0.00047 J	0.000784 U	0.0013 J		0.001018 U	0.001003 U	0.0011 U	0.00096 U	0.00082 U	0.00093 J	0.00069 U
TOTAL HXCDF	0.001347 U	0.001409 U	0.0009 J	0.001117 J	0.0019 J		0.002111 U	0.00098 U	0.00068 J	0.000479 J	0.000554 U	0.0012 U	0.0014 J
TOTAL PECDD	0.000284 U	0.00053 U	0.00019 U	0.000404 U	0.00063 U		0.00072 U	0.00038 U	0.00044 U	0.000377 U	0.000313 U	0.00037 U	0.000331 U
TOTAL PECDF	0.00054 J	0.0013 J	0.00085 J	0.00043 U	0.001 J		0.001 J	0.000501 U	0.00071 J	0.000755 J	0.0008 J	0.00046 J	0.00051 J
TOTAL TCDD	0.00071 U	0.002006 U	0.0011 J	0.000713 U	0.000754 U		0.0025 U	0.000903 U	0.00095 U	0.000875 U	0.0008 U	0.00081 U	0.0011 J
TOTAL TCDF	0.00038 U	0.00086 U	0.00087 J	0.000333 U	0.00038 J		0.0047 U	0.0006 J	0.00044 J	0.00056 J	0.00068 J	0.00039 U	0.00056 J
Volatile Organics (UG/L)													
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.17 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.05 U	0.05 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U		0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U	0.13 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.12 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.13 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.13 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	0.25 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	0.09 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.07 U	0.07 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.08 U	0.08 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.15 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 UR	0.4 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.07 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	2 U	1.6 U	1.6 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.12 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.13 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U	0.56 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.1 U	0.1 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U		0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U
ACETONE	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	0.4 UR	0.4 U
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U		0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.05 U	0.05 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.424 J	0.4295 J	0.435 J	0.538	0.381 J

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 09
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0200	0551	0552	2002	2003	2003	2040	2078	2102	2102	2102	LE07	LE11
Sample ID	0200TW001	0551TW001	0552TW001	2002TW001	2003TW001	2003TW002	2040TW001	2078TW001	2102TW001	2102TW001-AVG	2102TW001-D	LE07TW001	LE11TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I	PHASE I
Sample Date	20090518	20090211	20090202	20090514	20081216	20090409	20090210	20090122	20090219	20090219	20090219	20080712	20080703
Study Area	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	PARCO LE GINESTRE	PARCO LE GINESTRE
Premise ID	6256107902130	6103408314130	6104900104128	6103719002115	6114510608132	6114510608132	6102201202170	6103103702348	6101304302163	6101304302163	6101304302163	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BROMOFORM	0.06 U	1.42	1.05	0.238 J	2.12		1.41	0.992 J	3.86	3.85	3.84	0.608 J	0.787 J
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.37 U	0.37 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12 U	0.12 U
CHLORODIBROMOMETHANE	0.1 U	0.1 U	0.1 U	0.22 J	0.199 J		0.133 J	0.241 J	0.985	0.963	0.941	0.787	0.579
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.18 U	0.18 U
CHLOROFORM	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U		0.09 U	0.123 J	0.378	0.3905	0.403	0.277 J	0.237 J
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U	0.21 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.13 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U		0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.12 U	0.12 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.06 U	0.06 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	0.09 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.11 U
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.69 U	0.69 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.05 U	0.05 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U		0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.04 U	0.04 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U		0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.19 U
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.07 U	0.07 U
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.17 U	0.17 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U		0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.15 U	0.15 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.19 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U	0.15 U
Semivolatile Organics (UG/L)													
1,1-BIPHENYL					0.192 U			0.198 U				0.196 U	0.203 U
1,2,4,5-TETRACHLOROBENZENE					0.192 U			0.198 U				0.196 U	0.203 U
2,3,4,6-TETRACHLOROPHENOL					0.289 UR			0.298 UJ				0.294 U	0.305 U
2,4,5-TRICHLOROPHENOL					0.481 UR			0.496 UJ				0.491 U	0.508 U
2,4,6-TRICHLOROPHENOL					0.481 UR			0.496 UJ				0.491 U	0.508 U
2,4-DICHLOROPHENOL					0.674 UR			0.694 UJ				0.687 U	0.712 U
2,4-DIMETHYLPHENOL					0.962 UR			0.992 UJ				0.981 U	1.02 U
2,4-DINITROPHENOL					0.289 UR			0.298 UJ				0.294 U	0.305 U
2,4-DINITROTOLUENE					0.962 U			0.992 U				0.981 U	1.02 U
2,6-DICHLOROPHENOL					0.77 UR			0.794 UJ				0.785 U	0.813 U
2,6-DINITROTOLUENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
2-CHLORONAPHTHALENE					0.192 U			0.198 U				0.196 U	0.203 U
2-CHLOROPHENOL					0.866 UR			0.893 UJ				0.883 U	0.915 U
2-METHYLNAPHTHALENE					0.192 U			0.198 U				0.196 U	0.203 U
2-METHYLPHENOL					0.674 UR			0.694 UJ				0.687 U	0.712 U
2-NITROPHENOL					0.866 UR			0.893 UJ				0.883 U	0.915 U
3&4-METHYLPHENOL					1.16 UR			1.19 UJ				1.18 U	1.22 U
3-NITROANILINE					0.962 U			0.992 U				0.981 U	1.02 U
4,6-DINITRO-2-METHYLPHENOL					0.192 UR			0.198 UJ				0.196 U	0.203 U
4-BROMOPHENYL PHENYL ETHER					0.0962 U			0.0992 U				0.0981 U	0.102 U
4-CHLORO-3-METHYLPHENOL					0.578 UR			0.595 UJ				0.589 U	0.61 U
4-CHLOROANILINE					0.962 U			0.992 U				0.981 U	1.02 U
4-NITROANILINE					0.962 U			0.992 U				0.981 U	1.02 U
4-NITROPHENOL					0.289 UR			0.298 UJ				0.294 U	0.305 U
ACENAPHTHENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
ACENAPHTHYLENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
ANILINE					0.962 U			0.992 U				0.981 U	1.02 U
ANTHRACENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
ATRAZINE					0.0962 U			0.0992 U				0.0981 U	0.102 U
BAP EQUIVALENT					0.0962 U			0.0992 U				0.0981 U	0.102 U
BENZO(A)ANTHRACENE					0.0962 U			0.0992 U				0.0981 U	0.102 U

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STUDY AREA 09
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0200	0551	0552	2002	2003	2003	2040	2078	2102	2102	2102	LE07	LE11
Sample ID	0200TW001	0551TW001	0552TW001	2002TW001	2003TW001	2003TW002	2040TW001	2078TW001	2102TW001	2102TW001-AVG	2102TW001-D	LE07TW001	LE11TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I	PHASE I
Sample Date	20090518	20090211	20090202	20090514	20081216	20090409	20090210	20090122	20090219	20090219	20090219	20080712	20080703
Study Area	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	PARCO LE GINESTRE	PARCO LE GINESTRE
Premise ID	6256107902130	6103408314130	6104900104128	6103719002115	6114510608132	6114510608132	6102201202170	6103103702348	6101304302163	6101304302163	6101304302163	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
BENZO(A)PYRENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
BENZO(B)FLUORANTHENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
BENZO(G,H,I)PERYLENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
BENZO(K)FLUORANTHENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
BIS(2-ETHYLHEXYL)PHTHALATE					1.35 U			1.39 U				1.37 U	1.42 U
BUTYL BENZYL PHTHALATE					0.0962 U			0.0992 U				0.143	0.102 U
CARBAZOLE					0.0962 U			0.0992 U				0.0981 U	0.102 U
CHRYSENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
DI-N-BUTYL PHTHALATE					1.25 U			1.29 U				1.28 U	1.32 U
DI-N-OCTYL PHTHALATE					0.192 U			0.198 U				0.196 UJ	0.203 U
DIBENZO(A,H)ANTHRACENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
DIBENZOFURAN					0.0962 U			0.0992 U				0.0981 U	0.102 U
DIETHYL PHTHALATE					0.192 U			0.198 U				0.196 U	0.203 U
DIMETHYL PHTHALATE					0.0962 U			0.0992 U				0.0981 U	0.102 U
DIPHENYLAMINE					0.0962 U			0.0992 U				0.0981 U	0.102 U
FLUORANTHENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
FLUORENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
HEXACHLOROBENZENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
HEXACHLOROBUTADIENE					0.192 U			0.209 J				0.196 U	0.203 U
HEXACHLOROCYCLOPENTADIENE					0.962 U			0.992 U				0.981 U	1.02 U
HEXACHLOROETHANE					0.0962 U			0.158 J				0.0981 U	0.102 U
INDENO(1,2,3-CD)PYRENE					0.0962 U			0.0992 U				0.0981 UJ	0.102 U
NAPHTHALENE					0.192 U			0.198 U				0.196 U	0.203 U
NITROBENZENE					0.192 U			0.198 U				0.196 U	0.203 U
O-TOLUIDINE					0.674 U			0.694 U				0.687 U	0.712 U
PENTACHLOROBENZENE					0.192 U			0.198 U				0.196 U	0.203 U
PENTACHLOROPHENOL					0.289 UR			0.298 UJ				0.294 U	0.305 U
PHENANTHRENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
PHENOL					0.962 UR			0.992 UJ				0.981 U	1.02 U
PYRENE					0.0962 U			0.0992 U				0.0981 U	0.102 U
Pesticides/PCBs (UG/L)													
4,4'-DDD					0.00304 U			0.00315 U				0.003 U	0.00312 U
4,4'-DDE					0.00203 U			0.0021 U				0.002 U	0.00208 U
4,4'-DDT					0.00609 U			0.0063 U				0.006 U	0.00625 U
ALDRIN					0.00203 U			0.0021 U				0.002 U	0.00208 U
ALPHA-BHC					0.00304 U			0.00315 U				0.003 U	0.00312 U
ALPHA-CHLORDANE					0.00304 U			0.00315 U				0.003 U	0.00312 U
AROCLOR-1016					0.0203 U			0.021 U				0.02 UJ	0.02 U
AROCLOR-1221					0.0203 U			0.021 U				0.02 UJ	0.02 U
AROCLOR-1232					0.0203 U			0.021 U				0.02 UJ	0.02 U
AROCLOR-1242					0.0203 U			0.021 U				0.02 UJ	0.02 U
AROCLOR-1248					0.0203 U			0.021 U				0.02 UJ	0.02 U
AROCLOR-1254					0.0203 U			0.021 U				0.02 UJ	0.02 U
AROCLOR-1260					0.0203 U			0.021 U				0.02 UJ	0.02 U
BETA-BHC					0.00203 U			0.0021 U				0.002 U	0.00208 U
DELTA-BHC					0.00101 U			0.00105 U				0.001 U	0.00104 U
DIELDRIN					0.00304 U			0.00315 U				0.003 U	0.00312 U
ENDOSULFAN I					0.00304 U			0.00315 U				0.003 U	0.00312 U
ENDOSULFAN II					0.00203 U			0.0021 U				0.002 U	0.00208 U
ENDOSULFAN SULFATE					0.0071 U			0.00735 U				0.007 UJ	0.00729 U
ENDRIN					0.00203 U			0.0021 U				0.002 U	0.00208 U
ENDRIN ALDEHYDE					0.00203 U			0.0021 U				0.002 U	0.00208 U
GAMMA-BHC (LINDANE)					0.00101 U			0.00105 U				0.001 U	0.00104 U
GAMMA-CHLORDANE					0.00203 U			0.0021 U				0.002 U	0.00208 U
HEPTACHLOR					0.00406 U			0.0042 U				0.004 U	0.00417 U
HEPTACHLOR EPOXIDE					0.00406 U			0.0042 U				0.004 U	0.00417 U
METHOXYCHLOR					0.00304 U			0.00315 U				0.003 U	0.00312 U
PENTACHLORONITROBENZENE					0.00304 U			0.00315 U				0.003 U	0.00312 U
TOXAPHENE					0.0101 U			0.0105 U				0.01 U	0.01 U
Radiological Parameters (PCI/L)													
GROSS ALPHA	1.99 U	1.4 U	1.6 U	2.99 U	8.4	1.39 U	1.6 U	1.9 U	2.91 U	2.945 U	2.98 U	3.5	1.4 U

NA-Not Available
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U-Not detected at that value
R-Rejected value

STUDY AREA 09
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0200	0551	0552	2002	2003	2003	2040	2078	2102	2102	2102	LE07	LE11
Sample ID	0200TW001	0551TW001	0552TW001	2002TW001	2003TW001	2003TW002	2040TW001	2078TW001	2102TW001	2102TW001-AVG	2102TW001-D	LE07TW001	LE11TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	PARCO	PARCO
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE I	PHASE I
Sample Date	20090518	20090211	20090202	20090514	20081216	20090409	20090210	20090122	20090219	20090219	20090219	20080712	20080703
Study Area	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	PARCO LE GINESTRE	PARCO LE GINESTRE
Premise ID	6256107902130	6103408314130	6104900104128	6103719002115	6114510608132	6114510608132	6102201202170	6103103702348	6101304302163	6101304302163	6101304302163	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
GROSS BETA	2.01 U	5.7 U	5.4 U	2.43 U	14.3	2.75	5.4 U	5.9 U	6.74	7.55	8.36	6.8	4.6 U
RADIUM-228						0.849 U							
STRONTIUM-90						1.5 U							
Inorganics (UG/L)													
ALUMINUM	2.84	2.2 U	8.16	2.2 U	2.29		2.2 U	2.2 U	17.8	10.75	3.7	2.2 U	11.8
ANTIMONY	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U		0.14 U	0.245	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	1.47	2.35	1.22	1.82	5.09		2.16	4.86	4.99	4.92	4.85	4.06	5.32
BARIUM	6.04	6.61	7.37	4.34	16.1		6.85	8.21	12.8	13.15	13.5	15	17.4
BERYLLIUM	0.03 U	0.03 U	0.03 U	0.03 U	0.0349		0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.057 U	0.03 U
CADMIUM	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U		0.0546	0.04 U	0.0843	0.08855	0.0928	0.0631	0.04 U
CALCIUM	46.2	46.4	52.3	45.8	117		46.9	84.5	102	102	102		
CHROMIUM	0.207	0.648	0.424	0.555	0.982 U		0.597 U	2	1.53	1.615	1.7	0.761	0.769
COBALT	0.03 U	0.03 U	0.03 U	0.03 U	0.0421		0.03 U	0.0652	0.0935	0.09295	0.0924	0.155	0.0722
COPPER	56.3	19.5	86.7	80.5	120		6.26	120	43.6	42.85	42.1	87.9	20.6
IRON	26.2	8.88	679	4.7 U	7.3		12.9	82.6	968	957	946	91.9	13.5
LEAD	0.668	0.411	5.37	0.833	0.863		0.894	2.74	64.5	63.35	62.2	2.7	0.83
MAGNESIUM	5.01	5.47	6.79	5.13	26.1		5.52	12.9	15.4	15.4	15.4		
MANGANESE	1.18	0.595	25.9	0.196	0.228		0.585	1.18	5.89	5.75	5.61	2.31	0.369
MERCURY	0.028	0.015 U	0.019	0.03	0.015		0.015 U	0.054	0.046	0.049	0.052	0.015 U	0.015 U
NICKEL	0.272 U	0.422	3.03	0.849 U	0.814		0.154	1.11	3.52	3.445	3.37	141	1.96
POTASSIUM	0.602	0.744	2.01	0.672	1.6		0.748	4.58	8.8	8.805	8.81		
SELENIUM	0.2 U	0.2 U	0.2 U	0.2 U	0.572		0.2 U	0.234 U	0.272	0.299	0.326	0.259	0.209
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	2.67	2.64	5.4	2.71	5.07		2.68	9.84	21.6	21.6	21.6		
THALLIUM	0.04 U	0.464 U	0.04 U	0.184 U	0.04 U		0.601 U	0.04 U	0.111 U	0.2445 U	0.378 U	0.087 U	0.153 U
TIN	0.137	0.1 U	0.279	0.1 U	0.104		0.1 U	0.547 U	0.261	0.253	0.245	0.108	0.123
URANIUM	0.178	0.193	0.64	0.464	0.977		0.182	1.4	3.19	3.165	3.14	0.98	0.9
VANADIUM	1 U	1.08	2.44	1 U	1 U		1 U	3.01	4.62	4.59	4.56	1 U	2.3
ZINC	121	25.3	323	62.4	34.7		28.3	123	3120	3130	3140	1940	1320
Microbiological Parameters													
FECAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <		1 <	1 <	1 <	1 <	1 <	1 <	1 <
FECAL STREPTOCOCCUS (CFU/100)												0	0
PLATE COUNT												81	9
TOTAL COLIFORM (CFU/100)	1 <	1 <	1 <	1 <	1 <		1 <	1 <	1 <	1 <	1 <	1 <	1 <
Miscellaneous Parameters (MG/L)													
CHLORIDE	4.97	5.11	9.59	4.98	7.66		5.15	14.9	37.9	37.85	37.8	11.6	9.84
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U		0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.345	0.456	0.477	0.498	0.2 U	0.2 U
NITRATE	1.97	2.25	4.24	2	2.81		2.24	7.37	11.8	11.8	11.8	3.33	3.47
NITRITE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U
PHOSPHATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U
SULFATE	1.76	2.07	4.2	1.93	8.31		2.07	9.66	13.3	13.35	13.4	9.42	10.2
Field Parameters													
CHLORINE (MG/L)	0	0.08	0.1	0.16	0.08	0.12	0.06	0.4	0.02	0.02		0.04	0.02
DISSOLVED OXYGEN (MG/L)	9.33	10.41	10.58	10.67	9.37	7.05	9.78	8.92	8.61	8.61		8.61	9.6
OXIDATION REDUCTION POTENTIAL (MV)	362	551	566	574	477	589	345	637	317	317		294	301
PH (S.U.)	7.36	6.9	7.76	7.19	7.21	7.02	7.14	7.47	7.5	7.5		7.25	7.43
SALINITY (%)	0	0	0	0.01	0	0.02	0	0	0	0		0	0
SPECIFIC CONDUCTANCE (MS/CM)	0.244	0.321	0.38	0.284	0.797	0.784	0.567	0.564	0.743	0.743		0.97	0.82
TEMPERATURE (C)	22.25	11.62	11.13	17.97	14.92	16.42	12.78	13.85	9.56	9.56		24.54	28
TURBIDITY (NTU)	0	15.3	0	0.1	0	0	0.7	3	16.1	16.1			17

NA-Not Available
J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 09
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0551	0552	2003	2078	2102
Sample ID	0551SS0010006	0552SS0010006	2003SS0010006	2078SS0010006	2102SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090211	20090202	20081216	20090122	20090219
Study Area	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09
Premise ID	6103408314130	6104900104128	6114510608132	6103103702348	6101304302163
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Dioxins/Furans (NG/KG)					
1,2,3,4,6,7,8,9-OCDD	110	16	12 J	15	48 J
1,2,3,4,6,7,8,9-OCDF	4.4 J	1.5 U	0.81 U	1.7 J	5.4 J
1,2,3,4,6,7,8-HPCDD	16	8.5	2.1 U	3.3 J	7.7
1,2,3,4,6,7,8-HPCDF	5.2 J	4.1 J	1 U	2 J	1.8 J
1,2,3,4,7,8,9-HPCDF	0.37 J	0.39 J	0.151 U	0.21 J	0.29 U
1,2,3,4,7,8-HXCDD	0.44 J	0.17 J	0.112 U	0.21 U	0.37 U
1,2,3,4,7,8-HXCDF	1.2 J	1.2 J	0.35 U	0.85 J	0.32 J
1,2,3,6,7,8-HXCDD	0.8 J	1 J	0.12 U	0.4 U	0.31 U
1,2,3,6,7,8-HXCDF	0.84 J	0.82 J	0.32 U	0.67 J	0.42 J
1,2,3,7,8,9-HXCDD	0.58 J	0.57 J	0.19 U	0.23 J	0.32 U
1,2,3,7,8,9-HXCDF	0.11 J	0.2 U	0.19 U	0.12 U	0.35 U
1,2,3,7,8-PECDD	0.29 U	0.28 U	0.12 U	0.25 U	0.29 U
1,2,3,7,8-PECDF	0.9 J	1.1	0.44 J	0.65 J	0.29 J
2,3,4,6,7,8-HXCDF	1.1 J	0.87 J	0.36 U	0.77 J	1.1 J
2,3,4,7,8-PECDF	1.3	1.1	0.49 J	0.68 J	0.23 U
2,3,7,8-TCDD	0.12 J	0.17 J	0.14 U	0.123 U	0.15 U
2,3,7,8-TCDF	1.7	1 J	0.65 U	0.77 J	0.55 U
TEQ	1.46402	1.2307	0.1638	0.61261	0.30372
TOTAL HPCDD	30	14	4 J	5.9 J	16
TOTAL HPCDF	11 J	8.8 J	2 J	3.5 J	3.5 J
TOTAL HXCDD	12 J	12	2.4 J	4.6 J	4.8 J
TOTAL HXCDF	17 J	17 J	2.5 J	6.6 J	4.5 J
TOTAL PECDD	7.9	11	0.12 J	4 J	0.29 U
TOTAL PECDF	20	21	2.1 J	4.8 J	2.6 J
TOTAL TCDD	6.8	13	1.5 J	2.6	1.6
TOTAL TCDF	21 J	15 J	1.8 J	12 J	4.5 J
Volatile Organics (MG/KG)					
1,1,1,2-TETRACHLOROETHANE	0.000417 U	0.000402 U	0.00044 UR	0.000419 U	0.000414 U
1,1,1-TRICHLOROETHANE	0.000556 U	0.000536 U	0.000587 UR	0.000559 U	0.000552 U
1,1,2,2-TETRACHLOROETHANE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
1,1,2-TRICHLOROETHANE	0.000417 U	0.000402 U	0.00044 UR	0.000419 U	0.000414 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.000973 U	0.000937 U	0.00103 UR	0.000979 U	0.000966 U
1,1-DICHLOROETHANE	0.000973 U	0.000937 U	0.00103 UR	0.000979 U	0.000966 U
1,1-DICHLOROETHENE	0.000695 U	0.00067 U	0.000734 UR	0.000699 U	0.00069 U
1,2,3-TRICHLOROBENZENE	0.000695 U	0.00067 U	0.000734 UR	0.000699 U	0.00069 U
1,2,3-TRICHLOROPROPANE	0.000417 U	0.000402 U	0.00044 UR	0.000419 U	0.000414 U
1,2,4-TRICHLOROBENZENE	0.000417 U	0.000402 U	0.00044 UR	0.000419 U	0.000414 U
1,2,4-TRIMETHYLBENZENE	0.000556 U	0.000536 U	0.000587 UR	0.000559 U	0.000552 U
1,2-DIBROMO-3-CHLOROPROPANE	0.000556 U	0.000536 U	0.000587 UR	0.000559 U	0.000552 U
1,2-DIBROMOETHANE	0.000139 U	0.000134 U	0.000147 UR	0.00014 U	0.000138 U
1,2-DICHLOROBENZENE	0.000139 U	0.000134 U	0.000147 UR	0.00014 U	0.000138 U
1,2-DICHLOROETHANE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U

J-Estimated value
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STUDY AREA 09
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0551	0552	2003	2078	2102
Sample ID	0551SS0010006	0552SS0010006	2003SS0010006	2078SS0010006	2102SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090211	20090202	20081216	20090122	20090219
Study Area	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09
Premise ID	6103408314130	6104900104128	6114510608132	6103103702348	6101304302163
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
1,2-DICHLOROPROPANE	0.000417 U	0.000402 U	0.00044 UR	0.000419 U	0.000414 U
1,2-DICHLOROTETRAFLUOROETHANE	0.000834 UR	0.000803 U	0.000881 UR	0.000839 UR	0.000828 UR
1,3,5-TRIMETHYLBENZENE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
1,3-DICHLOROBENZENE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
1,3-DICHLOROPROPANE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
1,4-DICHLOROBENZENE	0.000139 U	0.000134 U	0.000147 UR	0.00014 U	0.000138 U
2,2-DICHLOROPROPANE	0.000695 U	0.00067 U	0.000734 UR	0.000699 U	0.00069 U
2-BUTANONE	0.0025 U	0.00241 U	0.00264 UR	0.00252 U	0.00248 U
2-CHLOROTOLUENE	0.000417 U	0.000402 U	0.00044 UR	0.000419 U	0.000414 U
2-HEXANONE	0.00139 U	0.00134 U	0.00147 UR	0.0014 U	0.00138 U
4-CHLOROTOLUENE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
4-ISOPROPYLTOLUENE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
4-METHYL-2-PENTANONE	0.000417 U	0.000402 U	0.00044 UR	0.000419 U	0.000414 U
ACETONE	0.00807 U	0.00777 U	0.00851 UR	0.00811 U	0.008 U
ACROLEIN	0.00709 U	0.00683 U	0.00749 UR	0.00713 U	0.00704 U
BENZENE	0.000417 U	0.000402 U	0.00044 UR	0.000419 U	0.000414 U
BROMOCHLOROMETHANE	0.000556 UJ	0.000536 U	0.000587 UR	0.000559 U	0.000552 U
BROMODICHLOROMETHANE	0.000556 U	0.000536 U	0.000587 UR	0.000559 U	0.000552 U
BROMOFORM	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
BROMOMETHANE	0.00417 U	0.00402 U	0.0044 UR	0.00419 UR	0.00414 U
CARBON TETRACHLORIDE	0.000556 U	0.000536 U	0.000587 UR	0.000559 U	0.000552 U
CHLOROBENZENE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
CHLORODIBROMOMETHANE	0.000139 U	0.000134 U	0.000147 UR	0.00014 U	0.000138 U
CHLOROETHANE	0.000556 UJ	0.000536 U	0.000587 UR	0.000559 UR	0.000552 UR
CHLOROFORM	0.000973 U	0.000937 U	0.00103 J	0.000979 U	0.000966 U
CHLOROMETHANE	0.00125 U	0.00121 U	0.00132 UR	0.00126 U	0.00124 U
CIS-1,2-DICHLOROETHENE	0.000973 U	0.000937 U	0.00103 UR	0.000979 U	0.000966 U
CIS-1,3-DICHLOROPROPENE	0.000139 U	0.000134 U	0.000147 UR	0.00014 U	0.000138 U
DICHLORODIFLUOROMETHANE	0.000417 U	0.000402 U	0.00044 UR	0.000419 U	0.000414 U
ETHYLBENZENE	0.000417 U	0.000402 U	0.00044 UR	0.000419 U	0.000414 U
ISOPROPYLBENZENE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
M+P-XYLENES	0.000834 U	0.000803 U	0.000881 UR	0.000839 U	0.000828 U
METHYL TERT-BUTYL ETHER	0.000695 U	0.00067 U	0.000734 UR	0.000699 U	0.00069 U
METHYLENE CHLORIDE	0.00139 U	0.00134 U	0.00147 UR	0.0014 U	0.00138 U
N-BUTYLBENZENE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
N-PROPYLBENZENE	0.000417 U	0.000402 U	0.00044 UR	0.000419 U	0.000414 U
O-XYLENE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
SEC-BUTYLBENZENE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
STYRENE	0.000278 U	0.000268 U	0.000294 UR	0.00028 U	0.000276 U
TERT-BUTYLBENZENE	0.000556 U	0.000536 U	0.000587 UR	0.000559 U	0.000552 U
TETRACHLOROETHENE	0.000834 U	0.000803 U	0.000881 UR	0.000839 U	0.000828 U
TOLUENE	0.00119 J	0.00067 U	0.000755 J	0.000699 U	0.00069 U
TRANS-1,2-DICHLOROETHENE	0.000834 U	0.000803 U	0.000881 UR	0.000839 U	0.000828 U

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STUDY AREA 09
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0551	0552	2003	2078	2102
Sample ID	0551SS0010006	0552SS0010006	2003SS0010006	2078SS0010006	2102SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090211	20090202	20081216	20090122	20090219
Study Area	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09
Premise ID	6103408314130	6104900104128	6114510608132	6103103702348	6101304302163
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
TRANS-1,3-DICHLOROPROPENE	0.000417 U	0.000402 U	0.00044 UR	0.000419 U	0.000414 U
TRICHLOROETHENE	0.000695 U	0.00067 U	0.000734 UR	0.000699 U	0.00069 U
TRICHLOROFLUOROMETHANE	0.00111 U	0.00107 U	0.00117 UR	0.00112 UJ	0.0011 U
VINYL CHLORIDE	0.000556 U	0.000536 U	0.000587 UR	0.000559 U	0.000552 U
Semivolatile Organics (MG/KG)					
1,1-BIPHENYL	0.0207 U	0.0342 U	0.022 U	0.0212 J	0.0207 U
1,2,4,5-TETRACHLOROBENZENE	0.0166 U	0.0274 U	0.0176 U	0.0165 U	0.0166 U
2,3,4,6-TETRACHLOROPHENOL	0.0982 U	0.162 U	0.104 U	0.0973 U	0.0979 UJ
2,4,5-TRICHLOROPHENOL	0.17 U	0.281 U	0.18 U	0.169 U	0.17 UJ
2,4,6-TRICHLOROPHENOL	0.0912 U	0.151 U	0.0967 U	0.0905 U	0.091 UJ
2,4-DICHLOROPHENOL	0.106 U	0.176 U	0.113 U	0.112 J	0.106 UJ
2,4-DIMETHYLPHENOL	0.205 U	0.338 U	0.217 U	0.203 U	0.204 UJ
2,4-DINITROPHENOL	0.076 UJ	0.126 U	0.0806 U	0.0754 U	0.0759 UJ
2,4-DINITROTOLUENE	0.0249 U	0.0411 U	0.0264 U	0.0247 U	0.0248 U
2,6-DICHLOROPHENOL	0.065 U	0.107 U	0.0689 U	0.0986 J	0.0648 UJ
2,6-DINITROTOLUENE	0.0207 U	0.0342 U	0.022 U	0.0206 U	0.0207 U
2-CHLORONAPHTHALENE	0.0111 U	0.0183 U	0.0117 U	0.0227 J	0.011 U
2-CHLOROPHENOL	0.0691 U	0.114 U	0.0733 U	0.115 J	0.069 UJ
2-METHYLNAPHTHALENE	0.0235 U	0.0388 U	0.0249 U	0.0274 J	0.0235 U
2-METHYLPHENOL	0.138 U	0.228 U	0.147 U	0.137 J	0.138 UJ
2-NITROPHENOL	0.0871 U	0.144 U	0.0923 U	0.0864 J	0.0869 UJ
3&4-METHYLPHENOL	0.159 U	0.263 U	0.168 U	0.227 J	0.159 UJ
3-NITROANILINE	0.0249 U	0.0411 U	0.0264 U	0.0247 UJ	0.0248 U
4,6-DINITRO-2-METHYLPHENOL	0.0926 U	0.153 U	0.0982 U	0.0919 U	0.0924 UJ
4-BROMOPHENYL PHENYL ETHER	0.0166 U	0.0274 U	0.0176 U	0.0165 U	0.0166 U
4-CHLORO-3-METHYLPHENOL	0.122 U	0.201 U	0.129 U	0.121 U	0.121 UJ
4-CHLOROANILINE	0.0318 U	0.0525 U	0.0337 U	0.0315 U	0.0317 U
4-NITROANILINE	0.0608 U	0.1 U	0.0645 U	0.0603 U	0.0607 U
4-NITROPHENOL	0.163 U	0.269 U	0.173 U	0.162 U	0.163 UJ
ACENAPHTHENE	0.0138 U	0.0228 U	0.0147 U	0.0143 J	0.0138 U
ACENAPHTHYLENE	0.0124 U	0.0205 U	0.0132 U	0.0123 J	0.0124 U
ANILINE	0.0276 U	0.0457 U	0.0293 U	0.0274 J	0.0276 U
ANTHRACENE	0.0175 J	0.0274 U	0.0176 U	0.0254 J	0.0166 U
ATRAZINE	0.0359 U	0.0594 U	0.0381 U	0.0356 U	0.0359 U
BAP EQUIVALENT	0.086711	0.0388 U	0.0249 U	0.049582	0.0235 U
BENZO(A)ANTHRACENE	0.0689 J	0.0365 U	0.0234 U	0.0464 J	0.0221 U
BENZO(A)PYRENE	0.073 J	0.0388 U	0.0249 U	0.0409 J	0.0235 U
BENZO(B)FLUORANTHENE	0.0617 J	0.0457 U	0.0293 U	0.0365 J	0.0276 U
BENZO(G,H,I)PERYLENE	0.0387 U	0.0639 U	0.041 U	0.0384 U	0.0386 U
BENZO(K)FLUORANTHENE	0.0578 J	0.0411 U	0.0264 U	0.0335 J	0.0248 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.15 J	0.24 U	0.154 U	0.144 U	0.529
BUTYL BENZYL PHTHALATE	0.0415 U	0.0685 U	0.044 U	0.0411 U	0.0414 U
CARBAZOLE	0.0249 U	0.0411 U	0.0264 U	0.0247 UJ	0.0248 U

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STUDY AREA 09
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0551	0552	2003	2078	2102
Sample ID	0551SS0010006	0552SS0010006	2003SS0010006	2078SS0010006	2102SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090211	20090202	20081216	20090122	20090219
Study Area	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09
Premise ID	6103408314130	6104900104128	6114510608132	6103103702348	6101304302163
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
CHRYSENE	0.0734 J	0.0297 U	0.019 U	0.0574 J	0.0179 U
DI-N-BUTYL PHTHALATE	0.0594 U	0.0982 U	0.063 U	0.059 J	0.0593 U
DI-N-OCTYL PHTHALATE	0.0276 U	0.0457 U	0.0293 U	0.0274 U	0.0276 U
DIBENZO(A,H)ANTHRACENE	0.0249 U	0.0411 U	0.0264 U	0.0247 U	0.0248 U
DIBENZOFURAN	0.0138 U	0.0228 U	0.0147 U	0.0137 J	0.0138 U
DIETHYL PHTHALATE	0.0235 U	0.0388 U	0.0249 U	0.0233 U	0.0235 U
DIMETHYL PHTHALATE	0.018 U	0.0297 U	0.019 U	0.0178 U	0.0179 U
DIPHENYLAMINE	0.0719 U	0.119 U	0.0762 U	0.0713 U	0.0717 U
FLUORANTHENE	0.115 J	0.0434 U	0.0278 U	0.0781 J	0.0262 U
FLUORENE	0.0166 U	0.0274 U	0.0176 U	0.0165 U	0.0166 U
HEXACHLOROBENZENE	0.0152 U	0.0251 U	0.0161 U	0.0151 U	0.0152 U
HEXACHLOROBUTADIENE	0.0138 U	0.0228 U	0.0147 U	0.0137 U	0.0138 U
HEXACHLOROCYCLOPENTADIENE	0.0194 U	0.032 U	0.0205 U	0.0192 UJ	0.0193 U
HEXACHLOROETHANE	0.0152 U	0.0251 U	0.0161 U	0.0151 U	0.0152 U
INDENO(1,2,3-CD)PYRENE	0.0608 U	0.1 U	0.0645 U	0.0603 U	0.0607 U
NAPHTHALENE	0.0083 U	0.0137 U	0.00879 U	0.00823 U	0.00828 U
NITROBENZENE	0.0207 U	0.0342 U	0.022 U	0.0317 J	0.0207 U
O-TOLUIDINE	0.0249 U	0.0411 U	0.0264 U	0.0247 J	0.0248 U
PENTACHLOROBENZENE	0.0387 U	0.0639 U	0.041 U	0.0384 U	0.0386 U
PENTACHLOROPHENOL	0.213 U	0.352 U	0.226 U	0.211 U	0.212 UJ
PHENANTHRENE	0.0691 J	0.0685 U	0.044 U	0.0411 U	0.0414 U
PHENOL	0.047 U	0.0776 U	0.0498 U	0.127 J	0.0469 UJ
PYRENE	0.0933 J	0.0411 U	0.0264 U	0.0592 J	0.0248 U
Pesticides/PCBs (MG/KG)					
4,4'-DDD	0.000735 U	0.00069 U	0.000737 U	0.000711 U	0.000638 U
4,4'-DDE	0.000721 U	0.000677 U	0.000723 U	0.000698 U	0.000626 U
4,4'-DDT	0.000966 U	0.000907 U	0.000969 U	0.000935 U	0.000839 U
ALDRIN	0.000585 U	0.000549 U	0.000587 U	0.000566 U	0.000508 U
ALPHA-BHC	0.000721 U	0.000677 U	0.000723 U	0.000698 U	0.000626 U
ALPHA-CHLORDANE	0.000585 U	0.000549 U	0.000587 U	0.000566 U	0.000508 U
AROCLOR-1016	0.00952 U	0.00894 U	0.00955 U	0.00922 U	0.00827 U
AROCLOR-1221	0.00952 U	0.00894 U	0.00955 U	0.00922 U	0.00827 U
AROCLOR-1232	0.00952 U	0.00894 U	0.00955 U	0.00922 U	0.00827 U
AROCLOR-1242	0.00952 U	0.00894 U	0.00955 U	0.00922 U	0.00827 U
AROCLOR-1248	0.00952 U	0.00894 U	0.00955 U	0.00922 U	0.00827 U
AROCLOR-1254	0.00952 U	0.00894 U	0.00955 U	0.00922 U	0.00827 U
AROCLOR-1260	0.00952 U	0.00894 U	0.00955 U	0.00922 U	0.00827 U
BETA-BHC	0.000884 U	0.000831 U	0.000887 U	0.000856 U	0.000768 U
DELTA-BHC	0.000803 U	0.000754 U	0.000805 U	0.000777 UJ	0.000697 U
DIELDRIN	0.000816 U	0.000767 U	0.000819 U	0.00079 U	0.000709 U
ENDOSULFAN I	0.000735 U	0.00069 U	0.000737 U	0.000711 U	0.000638 U
ENDOSULFAN II	0.000585 U	0.000549 U	0.000587 U	0.000566 U	0.000508 U
ENDOSULFAN SULFATE	0.00083 U	0.000779 U	0.000832 U	0.000803 U	0.000721 U

J-Estimated value
U-Not detected at that value
R-Rejected value

STUDY AREA 09
SOIL CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0551	0552	2003	2078	2102
Sample ID	0551SS0010006	0552SS0010006	2003SS0010006	2078SS0010006	2102SS0010006
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL		RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090211	20090202	20081216	20090122	20090219
Study Area	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09	STUDY AREA 09
Premise ID	6103408314130	6104900104128	6114510608132	6103103702348	6101304302163
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
ENDRIN	0.000939 U	0.000882 U	0.000941 U	0.000908 U	0.000815 U
ENDRIN ALDEHYDE	0.000844 U	0.000792 U	0.000846 U	0.000816 U	0.000732 U
GAMMA-BHC (LINDANE)	0.000694 U	0.000652 U	0.000696 U	0.000671 U	0.000602 U
GAMMA-CHLORDANE	0.00064 U	0.000601 U	0.000641 U	0.000619 U	0.000555 U
HEPTACHLOR	0.00083 U	0.000779 U	0.000832 U	0.000803 UJ	0.000721 U
HEPTACHLOR EPOXIDE	0.00064 U	0.000601 U	0.000641 U	0.000619 U	0.000555 U
METHOXYCHLOR	0.00103 U	0.000971 U	0.00104 U	0.001 UJ	0.000898 U
PENTACHLORONITROBENZENE	0.00068 U	0.000639 U	0.000682 U	0.000658 U	0.000591 U
TOXAPHENE	0.00816 U	0.00767 U	0.00819 U	0.0079 U	0.00709 U
Inorganics (MG/KG)					
ALUMINUM	52400	46800	33500	45800 J	52000
ANTIMONY	0.988	0.55	0.509	0.811	0.906
ARSENIC	15.3	12.9	16.1	15.8	23.4
BARIUM	430	373	198	373 J	410
BERYLLIUM	6.42	5.23	4.31	5.42	5.98
CADMIUM	0.465	0.156	0.224	0.848	0.417
CHROMIUM	15	8.78	3.3	13	48.7 J
COBALT	8.17	7.16	3.37	8.48	7.45
COPPER	27.1	54.8	38.3	31	21.1
IRON	27000	23100	14900	26200 J	27000
LEAD	74	45.1	40.1	62.1	40.9
MANGANESE	928	844	597	940 J	879
MERCURY	0.0965 U	0.103 U	0.0974 U	0.271	0.0971 U
NICKEL	9.92	8.35	3.21	9.91	10.1
SELENIUM	0.316	0.175	0.287 U	0.243	0.209
SILVER	0.356	0.104 U	0.103 U	0.299	0.19
THALLIUM	1.87	1.74	2.27	1.75	2.13 J
TIN	7.02	2.95	2.53	4.81	3.4
VANADIUM	53	46.2	28.1	48.8	51.9
ZINC	544	75.7	57.6	113	120
Miscellaneous Parameters (MG/KG)					
CYANIDE	0.167 U	0.16 U	0.201	0.166 U	0.125 U

J-Estimated value
U-Not detected at that value
R-Rejected value

AMBIENT AIR DATA COLLECTED AT RESIDENCES ACROSS ALL NINE STUDY AREAS

RESIDENTIAL AMBIENT AIR CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location ID	0171	0185	0225	0234	0276	0279	0326	0329	0339	0343	0374	0488	0512	0548
Sample ID	0171AA001	0185AA001	0225AA001	0234AA001	0276AA001	0279AA001	0326AA001	0329AA001	0339AA001	0343AA001	0374AA001	0488AA001	0512AA001	0548AA001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	PHASE II	PHASE II	PHASE II
Study Area	01	01	08	08	08	08	08	08	08	08	08	08	08	06
Sample Date	20090706	20090725	20090608	20090724	20090622	20090826	20090717	20090725	20090716	20090717	20090722	20090703	20090610	20090610
Study Area	STUDY AREA 01	STUDY AREA 01	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 06
Premise ID	6315800647458	6300976002216	6132200200010	6132211600006	6132211902137	6132216802040	6132216804045	6132216802039	6132216804044	6132216803112	6132212602004	6129420604112	6129403202087	6113903102136
Likely Water Source	PUBLIC	PUBLIC	WELL	WELL	WELL	PUBLIC	WELL	PUBLIC	WELL	WELL	PUBLIC	WELL	PUBLIC	WELL
Blank Cells indicate that the parameter was not analyzed.														
Volatile Organics (UG/M3)														
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.206 J	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.192 J	0.15 U	0.186 J	0.15 U	0.192 J	0.15 U	0.275 J	0.15 U	0.247 J	0.275 J	0.199 J	0.199 J	0.34	0.155 J
1,1,2,2-TETRACHLOROETHANE	0.368	0.141 U	0.04 U	0.132 U	0.04 U	0.04 U	0.363	0.04 U	0.298	0.294	0.204 U	0.381	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.813	0.807	0.797	0.742	0.856	0.625	0.856	0.77	0.847	0.884	0.818	0.757	0.532	0.809
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.179 J	0.05 U	0.168 J	0.192 J	0.115 J	0.05 U	0.227	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.169 J	0.1 U	0.156 J	0.184 J	0.1 U	0.1 U	0.173 J	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	2	0.382 U	0.681 U	0.488 U	0.499	0.577 U	0.567 U	0.414 U	0.723 U	0.493 U	0.619 U	1.69	0.579 U	0.48 U
1,2,4-TRIMETHYLBENZENE	0.842	1.39	0.169 J	0.731	0.443	0.443	1.74	0.268 U	1.07	0.901	0.72	0.964	0.359	0.533
1,2-DIBROMO-3-CHLOROPROPANE	0.284	0.1 U	0.1 U	0.1 U	0.1 U	0.146 U	0.1 U	0.1 U	0.181 U	0.1 U	0.293 U	0.27	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.19 J	0.12 U	0.12 U	0.12 U	0.196 J	0.12 U	0.31	0.12 U	0.303	0.327	0.218	0.12 U	0.454	0.155 J
1,2-DICHLOROBENZENE	0.923	0.171 U	0.249 U	0.207 U	0.201	0.114 J	0.309 U	0.191 U	0.306 U	0.1 U	0.232 U	0.845	0.282	0.187 J
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.22	0.308	0.23	0.1 U	0.283	0.177 J	0.239	0.259	0.1 U	0.1 U	0.381	0.166 J
1,2-DICHLOROPROPANE	0.271 U	0.402	0.09 U	0.409	0.09 U	0.104 J	0.564	0.09 U	0.384	0.341	0.303	0.232 U	0.09 U	0.154 J
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.55	0.433	0.163 J	0.346	0.252	0.166 J	0.663	0.178 U	0.471	0.408	0.321	0.545	0.282	0.248
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.881	0.172 U	0.23 U	0.189 U	0.194 J	0.0929 J	0.3 U	0.206 U	0.294 U	0.267 U	0.214 U	0.81	0.297	0.185 J
1,4-DICHLOROBENZENE	0.818	0.169 U	0.237 U	0.209 U	0.2 J	0.0937 J	0.31 U	0.192 U	0.299 U	0.272 U	0.227 U	0.741	0.276	0.18 J
2-BUTANONE	0.951	2.17	0.961	5.38	1.5	1.23	2.89	1.15	2.58	3.15	1.7	1.05	1.23	1.19
ACETALDEHYDE	8.87	11.1	7.08	21.1	11.4	5.52	14.4	8.02	52.9	61	6.02	12.6	9.02	8.44
ACETONE	11.8	16.8	8.35	26	17.3	13.7	21.1	11.3	36	20.8	14.2	12.2	8.37	10.8
ACETONITRILE	0.436 J	0.38 U	0.38 U	0.661 J	0.38 U	0.394 J	0.545 J	0.38 U	0.38 U	0.418 J	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	1.05 J	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.49 J	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.41 U	0.564 J	0.41 U	0.82	1.11	0.41 U	0.542 J	0.41 U	1.02	1.02	0.53 J	0.41 U	0.544 J	0.41 U
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.478 U	2.35	0.263	1.37	0.76	0.502	2.42	0.333	1.61	0.544	0.897	0.82	0.564	0.403
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.255 J	0.15 U	0.235 J	0.271 J	0.172 J	0.15 U	0.437	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.168 J	0.07 U	0.07 U	0.146 J	0.07 U	0.24	0.07 U	0.221	0.275	0.178 J	0.07 U	0.222	0.07 U
CARBON DISULFIDE	0.596	0.102 J	0.1 U	0.815	0.311	0.1 U	0.23	0.1 U	0.195 J	8.16	0.108 J	0.1 U	0.243	0.182 J
CARBON TETRACHLORIDE	0.709 U	0.64	0.732	0.609	0.725	0.542	0.725	0.631	0.691	0.749	0.677	0.727 U	0.636	0.668
CHLOROBENZENE	0.376	0.115 U	0.186 J	0.144 U	0.16 J	0.063 J	0.255	0.04 U	0.238	0.22	0.161 U	0.363	0.328	0.127 J
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.283 J	0.24 U	0.24 U	0.313 J	0.24 U	0.24 U	0.463 J	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.151 J	0.136 J	0.11 U	0.175 J	0.11 U	0.163 J	0.206	0.11 U	0.11 U	0.153 J	0.11 U
CHLOROFORM	0.213 U	0.11 U	0.174 J	0.249	0.724	0.11 U	0.338	0.11 U	0.312	0.308	0.319	0.11 U	2.15	0.22
CHLOROMETHANE	1.45	1.5	1.38	1.85	1.44	1.3	1.73	1.5	1.74	1.76	1.42	1.3	0.858	1.23
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.0655 J	0.212	0.04 U	0.261	0.04 U	0.04 U	0.321	0.04 U	0.166 J	0.376	0.144 J	0.04 U	0.243	0.04 U
CYCLOHEXANE	0.11 U	1.4	0.11 U	11	2.86	0.11 U	0.949	0.11 U	0.579	0.257	0.285	0.11 U	0.726	0.155 J
DIBROMOMETHANE	0.23 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	3.19	2.81	2.77	2.62	3.14	2.82	3.12	2.72	3.03	3.26	2.74	2.75	1.63	2.92
ETHYLBENZENE	0.56 U	1.57	0.163 J	1.23	0.579	0.389	1.69	0.197 U	1.07	0.506	0.684	0.904	0.488	0.415
HEXACHLOROBUTADIENE	2.14	0.369 U	0.603 U	0.416 U	0.499 J	0.24 U	0.575	0.374 U	0.479 J	0.497 J	0.434 J	1.86	0.633 U	0.491 U
HEXACHLOROETHANE	0.245	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.288	0.07 U	0.07 U
HEXANE	0.187 J	1.21	0.184 J	6.43	1.53	0.236 J	1.11	0.17 U	0.852	0.412	0.515	0.209 J	0.868	0.191 J
ISOBUTANOL	0.46 U	0.46 U	0.46 U	1.18	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.158 J	0.108 J	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.129 U	0.07 U	0.07 U	0.07 U
M+P-XYLENES	1.52	4.93	0.35	3.08	1.73	1.18	5.08	0.452 U	3.2	1.56	2.23	3.08	1.14	1.44
METHYL ACETATE	0.351 J	0.32 J	0.27 U	0.322 J	0.307 J	0.27 U	0.402 J	0.27 U	0.35 J	0.27 U	0.282 J	0.301 J	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.16 J	0.286	0.08 U	9.76	2.45	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.154 J	0.124 J	0.365	0.08 U
METHYL TERT-BUTYL ETHER	0.519	3.01	0.17 U	0.17 U	0.17 U	0.593	2.22	0.17 U	1.68	0.494	0.911	1.07	0.17 U	0.426
METHYLENE CHLORIDE	0.515	0.744	0.471	4.13	5.16	1.05	1.02	0.411	0.83	0.807	0.662	0.674	1.91	0.471
NAPHTHALENE	0.234 J	0.22 U	0.22 U	0.407	0.22 U	0.22 U	0.22 U	0.22 U	0.321 U	0.22 U	0.28 U	0.22 U	0.22 U	0.22 U
O-XYLENE	0.664 U	1.73	0.156 J	1.39	0.631	0.426	1.94	0.34	1.16	0.06 U	0.755	1.14	0.46	0.481
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	0.336 U	0.221	0.128 J	0.3	0.444	0.117 J	0.398	0.07 U	0.442	0.265	0.198 J	0.579 U	0.323	0.236
TETRACHLOROETHENE	1.45 U	1.45 U	1.45 U	2.32 J	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.71 J	1.45 U
TOLUENE	1.62	7.97	0.423	9.03	3.37	2.82	7.39	0.542	4.85	1.42	2.81	3.71	1.49	1.61
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.177 J	0.11 U	0.11 U	0.189 J	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.174 J	0.07 U	0.204	0.07 U	0.07 U	0.291	0.07 U	0.186 J	0.357	0.15 J	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.325	0.191 J	0.16 J	1.26	0.161 J	0.08 U	0.249	0.126 J	0.215	0.212	0.184 J	0.323	0.374	0.125 J
TRICHLOROFLUOROMETHANE	1.73	1.57	1.61	1.49	1.73	1.5	1.73	1.47	1.69	1.79	1.58	1.58	1.04	1.63
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

J-Estimated value
U-Not detected at that value

RESIDENTIAL AMBIENT AIR CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location ID	0548	0548	0805	0815	0827	0851	1194	1621	1751	1756	1771	1850	1926	1945
Sample ID	0548AA001-AVG	0548AA001-D	0805AA001	0815AA001	0827AA001	0851AA001	1194AA001	1621AA001	1751AA001	1756AA001	1771AA001	1850AA001	1926AA001	1945AA001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	1500 FT STEP OUT	1500 FT STEP OUT	PHASE II	1500 FT STEP OUT	PHASE II	1500 FT STEP OUT	PHASE II	PHASE II	PHASE II	1500 FT STEP OUT	PHASE II	PHASE II
Study Area	06	06	06	06	06	06	00	08	05	05	05	08	07	05
Sample Date	20090610	20090610	20090804	20090905	20090604	20090811	20090625	20090722	20090708	20090616	20090611	20090727	20090703	20090702
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	OUTSIDE AREA	STUDY AREA 08	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 08	STUDY AREA 07	STUDY AREA 05
Premise ID	6113903102136	6113903102136	6111212802114	6111219018152	6111219702118	6111219018146	6109703208118	6132411614177	6131224406087	6131222602002	6131222602080	6129417402045	6112715700003	6322977920220
Likely Water Source	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC
Blank Cells indicate that the parameter was not analyzed.														
Volatile Organics (UG/M3)														
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.437	0.18 U	0.18 U	0.248 J	0.269 J
1,1,1-TRICHLOROETHANE	0.1555 J	0.156 J	0.318	0.15 U	0.17 J	0.174 J	0.189 J	0.158 J	0.231 J	0.15 U	0.195 J	0.15 U	0.187 J	0.184 J
1,1,2,2-TETRACHLOROETHANE	0.0845	0.149	0.331	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.3	0.04 U	0.193	0.04 U	0.383	0.428
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.806	0.803	0.998	0.588	0.766	0.791	0.858	0.739	0.857	0.834	0.817	0.629	0.741	0.784 U
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.202	0.05 U	0.05 U	0.05 U	0.0945 J	0.0962 J	0.165 J	0.05 U	0.05 U	0.05 U	0.05 U	0.0775 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.191 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.152 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.452 J	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.532 J	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.381	0.07 U	0.07 U	0.19 J	0.07 U
1,2,4-TRICHLOROBENZENE	0.4505 U	0.421 U	0.809 U	1.67 U	1.13 U	0.729 U	0.432	0.449 U	0.19 U	0.656	0.574 U	0.328 U	1.75	1.9
1,2,4-TRIMETHYLBENZENE	0.4665	0.4	0.836	0.691	0.941	0.491	0.733	1.31	0.838	0.193 J	0.292	0.214	0.593	0.529
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.183 U	0.1 U	0.226 U	0.18 J	0.1 U	0.1 U	0.1 U	0.6	0.1 U	0.1 U	0.312	0.308
1,2-DIBROMOETHANE	0.1075 J	0.12 U	0.404	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.282	0.12 U	0.178 J	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.182 J	0.177 J	0.35 U	0.294	0.376 U	0.214	0.1 U	0.173 U	0.248 U	0.237	0.219 U	0.1 U	0.871	0.954
1,2-DICHLOROETHANE	0.1645 J	0.163 J	0.326	0.1 U	0.1 U	0.1 U	0.1 U	0.396	0.235	0.216	0.206	0.1 U	0.1 U	0.116 J
1,2-DICHLOROPROPANE	0.0995 J	0.09 U	0.526	0.657	0.443	0.531	0.957	1	0.343	0.271	0.176 J	0.09 U	0.404 U	0.191 U
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.217 J	0.186 J	0.418	0.299 U	0.394	0.283	0.314	0.387	0.386	0.156 J	0.174 J	0.083 J	0.442	0.435
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.1755 J	0.166 J	0.336 U	0.234	0.393 U	0.196 J	0.182 J	0.174 U	0.242 U	0.223	0.204 U	0.0901 J	0.828	0.914
1,4-DICHLOROBENZENE	0.168 J	0.156 J	0.33 U	0.21	0.336 U	0.189 J	0.186 J	0.192 U	0.239 U	0.226	0.206 U	0.09 U	0.752	1.44
2-BUTANONE	1.15	1.11	3.29	1.48	1.07	1.25	2.19	3.12	1.84	1.34	0.796	0.733	1.87	0.706
ACETALDEHYDE	7.93	7.42	7.78	18.8	4.38	15.6	8.14	15	21.2	11	5.27	13.6	19	11.1
ACETONE	9.28	7.76	13.1	13.3	17.4	12.7	10.5	25.7	17.7	13.4	7.55	7.9	11.6	7.27
ACETONITRILE	0.38 U	0.38 U	0.38 U	2.26 U	0.38 U	0.38 U	0.38 U	0.455 J	0.38 U	0.47 J	0.38 U	0.38 U	0.407 J	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.41 U	0.41 U	0.454 J	0.764 J	0.41 U	0.41 U	0.441 J	0.705 J	0.691 J	0.658 J	0.41 U	0.41 U	0.41 U	0.435 J
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.4085	0.414	1.2	1.07	0.929	0.418	0.925	2.2	0.731	0.252	0.349	0.444	0.639	0.183 U
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.319	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.222 J	0.15 U	0.153 J	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.231 J	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.257	0.07 U	0.07 U	0.137 J	0.152 J	0.134 J	0.248	0.142 J	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	0.141 J	0.1 J	0.203	0.1 U	0.132 J	0.12 J	0.133 J	0.133 J	0.186 J	0.143 J	0.117 J	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	0.655	0.642	0.867	0.523 U	0.696	0.681	0.715	0.67	0.702	0.748	0.717	0.563	0.661 U	0.695 U
CHLOROBENZENE	0.1235 J	0.12 J	0.273	0.04 U	0.238	0.152 J	0.135 J	0.126 U	0.207	0.18 J	0.162 J	0.04 U	0.355	0.376 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.398 J	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.257 J	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.171 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.156 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.2385	0.257	0.359	0.11 U	0.201	0.179 J	0.208	0.344	0.286	0.11 U	0.198 J	0.11 U	0.194 U	0.195 U
CHLOROMETHANE	1.295	1.36	1.44	1.23	1.27	1.36	1.51	1.5	1.76	1.51	1.45	1.21	1.3	1.29
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.223	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.3	0.04 U	0.04 U	0.126 J	0.135 J	0.418	0.158 J	0.04 U	0.0975 J	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.1775 J	0.2	1.1	0.639	2.29	0.203	0.529	1	0.55	0.11 U	0.11 U	0.11 U	0.27	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.471	0.15 U	0.15 U	0.232 J	0.236 J
DICHLORODIFLUOROMETHANE	2.87	2.82	3.34	2.67	2.66	2.94	3.39	2.66	3.13	2.89	3.07	2.65	2.72	2.77
ETHYLBENZENE	0.3985	0.382	1.57	0.619	0.79	0.368	0.828	1.61	1.06	0.188 J	0.272	0.219	0.582 U	0.315 U
HEXACHLOROBUTADIENE	0.473 U	0.455 U	0.653 U	1.47 U	0.585 U	0.519 U	0.5	0.334 J	0.627	0.515	0.578 U	0.24 U	1.83	2.06
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.498	0.07 U	0.07 U	0.332	0.338
HEXANE	0.2485 J	0.306	0.842	0.714	2.15	0.242 J	0.498	1.51	1.19	0.17 U	0.17 U	0.17 U	0.5	0.17 U
ISOBUTANOL	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.476 J	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.11 U	0.07 U	0.273	0.07 U	0.07 U	0.07 U	0.144 J
M+P-XYLENES	1.355	1.27	4.8	1.85	2.98	1.03	2.82	5.09	4.23	0.441	0.723	0.629	1.43	0.722
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.348 J	0.27 U	0.415 J	0.27 U	0.418 J	0.27 U	0.346 J	0.27 U	0.27 U	0.383 J	0.27 U
METHYL CYCLOHEXANE	0.08 U	0.08 U	0.121 J	0.08 U	0.403	0.08 U	0.151 J	0.08 U	0.505	0.217	0.08 U	0.08 U	0.186 J	0.115 J
METHYL TERT-BUTYL ETHER	0.411	0.396	1.29	0.65	0.17 U	0.419	0.997	4.98	0.767	0.17 U	0.227 J	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.542	0.613	1.01	0.926	1.95	0.986	0.679	0.981	1.41	0.616	0.367	0.255	0.505	0.237
NAPHTHALENE	0.22 U	0.22 U	0.292 J	0.51	0.347 U	0.443	0.22 U	0.388 U	0.22 U	0.461	0.22 U	0.22 U	0.22 U	0.356 J
O-XYLENE	0.4425	0.404	1.2	0.696	0.982	0.359	0.916	1.76	1.1	0.186 J	0.281	0.217	0.604 U	0.337 U
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.445 J	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	0.2045 J	0.173 J	0.713	0.503	0.215	0.192 J	0.221	0.227	0.619	0.14 J	0.152 J	0.07 U	0.257 U	0.224 U
TETRACHLOROETHENE	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.85 J	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U
TOLUENE	1.45	1.29	3.73	3.27	3.9	2.38	3.96	8.46	5.91	0.692	0.849	0.992	2.54	0.351 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.197 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.159 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.316	0.07 U	0.139 J	0.118 J	0.07 U	0.338	0.163 J	0.07 U	0.109 J	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.341 J	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.1215 J	0.118 J	0.291	0.08 U	0.08 U	0.133 J	0.331	0.172 J	0.184 J	0.161 J	0.17 J	0.08 U	0.331	0.34 U
TRICHLOROFLUOROMETHANE	1.61	1.59	1.92	1.4	1.49	1.63	1.74	1.56	1.66	1.66	1.69	1.48	1.56	1.54
VINYL ACETATE	0.11 U	0.11 U	0.151 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.138 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

J-Estimated value
U-Not detected at that value

RESIDENTIAL AMBIENT AIR CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location ID	1969	CA56	CA56	CA56	CA56	CA56	CA56	CA62	CA62	CA62	CA63	CA63	CA63	CA64
Sample ID	1969AA001	CA56AA001	CA56AA001-AVG	CA56AA001-D	CA56IA001	CA56IA001-AVG	CA56IA001-D	CA62IA001	CA62IA001-AVG	CA62IA001-D	CA63IA001	CA63IA001-AVG	CA63IA001-D	CA64AA001
Residential / Government	RESIDENTIAL	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	05	03	03	03	03	03	03	03	03	03	03	03	03	03
Sample Date	20090624	20090630	20090630	20090630	20090630	20090630	20090630	20090404	20090404	20090404	20090404	20090404	20090404	20090627
Study Area	STUDY AREA 05	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO
Premise ID	6322768040140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Blank Cells indicate that the parameter was not analyzed.														
Volatile Organics (UG/M3)														
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.267 J	0.2755 J	0.284 J	0.276 J	0.2665 J	0.257 J							0.18 U
1,1,1-TRICHLOROETHANE	0.163 J	0.183 J	0.184 J	0.185 J	0.15 U	0.125 J	0.175 J							0.15 U
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.407 J	0.2135 J	0.04 UJ	0.311	0.3495	0.388							0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U							0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.844	0.778 U	0.776 U	0.774 U	0.08 U	0.4175 U	0.755 U							0.631 U
1,1-DICHLOROETHANE	0.05 U	0.0804 J	0.0527 J	0.05 U	0.05 U	0.05 U	0.05 U							0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U							0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.472 U	0.436 U	0.4 U	0.4 U	0.4 U	0.4 U							0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.239	0.2435	0.248	0.07 U	0.143	0.251							0.07 U
1,2,4-TRICHLOROBENZENE	0.52	2.13	2.095	2.06	1.51	1.805	2.1							0.385 U
1,2,4-TRIMETHYLBENZENE	0.332	1.41	1.39	1.37	0.38 J	4.025 J	7.67 J							0.339 U
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.242 U	0.384 U	0.1 U	0.224 U	0.348 U							0.1 U
1,2-DIBROMOETHANE	0.173 J	0.12 U	0.12 U	0.12 U	0.12 U	0.138 U	0.156 U							0.12 U
1,2-DICHLOROBENZENE	0.23	0.988	0.989	0.99	0.734	0.857	0.98							0.104 U
1,2-DICHLOROETHANE	0.144 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U							0.1 U
1,2-DICHLOROPROPANE	0.357	0.624 U	0.576 U	0.528 U	0.156 U	0.335 U	0.514 U							0.245
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U							0.26 U
1,3,5-TRIMETHYLBENZENE	0.206	0.75	0.718	0.686	0.338 U	1.3145 J	2.46 J							0.129 U
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U							0.49 U
1,3-DICHLOROBENZENE	0.221	0.93	0.9305	0.931	0.676	0.791	0.906							0.101 U
1,4-DICHLOROBENZENE	0.243	0.861	0.8625	0.864	0.608	0.722	0.836							0.11 U
2-BUTANONE	0.766	2.06	2.16	2.26	0.33 UJ	2.8575 J	5.55 J							0.924
ACETALDEHYDE	8.7	10.2	10.95	11.7	0.62 UJ	5.405 J	10.5 J							10.1
ACETONE	5.5	14.4	15.1	15.8	1.06 UJ	10.515 J	20.5 J							6.69
ACETONITRILE	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U							0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U							1.02 U
ACROLEIN	0.41 U	0.672 J	0.656 J	0.64 J	0.41 U	0.41 U	0.41 U							0.41 U
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U							0.2 U
BENZENE	0.313	1.21	1.25	1.29	0.11 U	2.7375 J	5.42 J							0.514
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U							0.16 U
BROMODICHLOROMETHANE	0.151 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U							0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.234	0.413							0.11 U
BROMOMETHANE	0.12 J	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U							0.07 U
CARBON DISULFIDE	0.133 J	0.1 UJ	2.2 J	4.35 J	0.1 U	0.1 U	0.1 U							0.1 U
CARBON TETRACHLORIDE	0.598	0.654 U	0.662 U	0.67 U	0.13 U	0.3975 U	0.665 U							0.571 U
CHLOROBENZENE	0.177 J	0.376 U	0.377 U	0.378 U	0.363 U	0.38 U	0.397 U							0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U							0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U							0.11 U
CHLOROFORM	0.11 U	0.206 U	0.158 U	0.11 U	0.11 U	0.236 U	0.362 U							0.11 U
CHLOROMETHANE	1.12	1.26	1.27	1.28	0.07 UJ	0.6225 J	1.21 J							1.24
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U							0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U							0.04 U
CYCLOHEXANE	0.18 J	0.693	0.705	0.717	0.11 UJ	1.2975 J	2.54 J							0.11 U
DIBROMOMETHANE	0.15 U	0.269 J	0.172 J	0.15 U	0.253 J	0.256 J	0.259 J							0.15 U
DICHLORODIFLUOROMETHANE	2.44	2.95	2.845	2.74	2.42	2.505	2.59							2.71
ETHYLBENZENE	0.348	1.71	1.715	1.72	0.303 U	4.10575 J	8.06 J							0.459 U
HEXACHLOROBUTADIENE	0.636	2.23	2.19	2.15	1.68	1.94	2.2							0.303 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.201	0.367	0.342	0.2745	0.207							0.07 U
HEXANE	0.481	0.777	0.7865	0.796	0.17 UJ	2.3575 J	4.63 J							0.439
ISOBUTANOL	0.46 U	0.46 U	0.484 J	0.738 J	0.46 U	0.46 U	0.46 U							0.46 U
ISOPROPYLBENZENE	0.07 U	0.236	0.1355	0.07 U	0.146 J	0.304 J	0.462 J							0.07 U
M+P-XYLENES	0.671	5.54	5.43	5.32	0.657 J	17.5785 J	34.5 J							1.72
METHYL ACETATE	0.27 U	0.428 J	0.427 J	0.426 J	0.27 U	0.27 U	0.27 U							0.27 U
METHYL CYCLOHEXANE	0.08 U	0.379	0.295	0.211	0.119 J	0.551 J	0.983 J							0.08 U
METHYL TERT-BUTYL ETHER	0.17 U	1.26	1.295	1.33	0.17 UJ	3.3675 J	6.65 J							0.408
METHYLENE CHLORIDE	0.304	0.761	0.7835	0.806	0.08 UJ	0.3705 J	0.701 J							0.455
NAPHTHALENE	0.22 U	0.428 U	0.4065 U	0.385 U	0.22 U	0.353 U	0.486 U	2.46 J	3.635 J	4.81 J	2.74 J	1.425 J	0.22 UJ	0.228 U
O-XYLENE	0.313	1.87	1.86	1.85	0.321 U	5.38025 J	10.6 J							0.572 U
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U							0.25 U
STYRENE	0.23	0.433	0.4195	0.406	0.194 J	0.491 J	0.788 J							0.132 U
TETRACHLOROETHENE	1.45 U	1.45 U	1.5075 J	2.29 J	1.45 U	1.1775 J	1.63 J	4.26	4.89	5.52	1.45 U	1.3975 J	2.07 J	1.45 U
TOLUENE	0.802	5.64	5.7	5.76	0.235 U	20.25875 J	40.4 J							1.84
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U							0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U							0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U							0.17 U
TRICHLOROETHENE	0.152 J	0.396 U	0.4165 U	0.437 U	0.327 U	0.452 U	0.577 U							0.08 U
TRICHLOROFLUOROMETHANE	1.34	1.51	1.535	1.56	0.31 UJ	0.8275 J	1.5 J							1.41
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U							0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U							0.07 U

J-Estimated value
U-Not detected at that value

RESIDENTIAL AMBIENT AIR CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location ID	CA64	CA64	CA64	CA64	CA64	CA65	CA65	CA65	CA65	CA65	CA65	LE51	SU63	SU63
Sample ID	CA64AA001-AVG	CA64AA001-D	CA64IA001	CA64IA001-AVG	CA64IA001-D	CA65AA001	CA65AA001-AVG	CA65AA001-D	CA65IA001	CA65IA001-AVG	CA65IA001-D	LE51AA001	SU63AA001	SU63AA001-AVG
Residential / Government	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT	PARCO	GOVERNMENT	GOVERNMENT
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	03	03	03	03	03	03	03	03	03	03	03	09	06	06
Sample Date	20090627	20090627	20090627	20090627	20090627	20090628	20090628	20090628	20090628	20090628	20090628	20090615	20090618	20090618
Study Area	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	CAPO	PARCO LE GINESTRE	SUPPORT SITE	SUPPORT SITE
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Blank Cells indicate that the parameter was not analyzed.														
Volatile Organics (UG/M3)														
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.286 J	0.2855 J
1,1,1-TRICHLOROETHANE	0.12 J	0.165 J	0.15 U	0.1195 J	0.164 J	0.178 J	0.1265 J	0.15 U	0.203 J	0.2035 J	0.204 J	0.15 U	0.185 J	0.1835 J
1,1,2,2-TETRACHLOROETHANE	0.101 U	0.162 U	0.04 U	0.04 U	0.04 U	0.178 U	0.172 U	0.166 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ	0.2105 J
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.444 J	0.242 J
1,1,2-TRICHLOROTRIFLUOROETHANE	0.753 U	0.875 U	0.637 U	0.7125 U	0.788 U	0.893 U	0.874 U	0.855 U	1.03	1.02	1.01	0.764	0.784 U	0.8325 U
1,1-DICHLOROETHANE	0.07285 U	0.0957 U	0.05 U	0.0722 U	0.0944 U	0.05 U	0.05 U	0.05 U	0.0928 U	0.0714 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.131
1,2,4-TRICHLOROBENZENE	0.4035 U	0.422 U	0.474 U	0.4825 U	0.491 U	0.45 U	0.4675 U	0.485 U	0.548 U	0.5335 U	0.519 U	0.539 U	1.97	1.91
1,2,4-TRIMETHYLBENZENE	0.4055 U	0.472 U	7.5	8.18	8.86	0.577	0.604	0.631	0.904	0.907	0.91	0.549	0.734	0.7445
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.362 U	0.372 U
1,2-DIBROMOETHANE	0.144 U	0.168 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.162 J	0.149 U	0.1495 U
1,2-DICHLOROBENZENE	0.1425 U	0.181 U	0.124 U	0.169 U	0.214 U	0.199 U	0.2005 U	0.202 U	0.1 U	0.1645 U	0.229 U	0.21 U	0.962	0.9725
1,2-DICHLOROETHANE	0.107 J	0.164 J	0.1 U	0.1 U	0.1 U	0.159 J	0.151 J	0.143 J	0.173 J	0.172 J	0.171 J	0.22	0.1 U	0.154
1,2-DICHLOROPROPANE	0.2395	0.234	0.147 J	0.186 J	0.225	0.161 J	0.166 J	0.171 J	0.222	0.2215	0.221	0.306	0.537 U	0.558 U
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.1745 U	0.22 U	2.9	3.23	3.56	0.262 U	0.276 U	0.29 U	0.361 U	0.362 U	0.363 U	0.256	0.512 U	0.515 U
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.1435 U	0.186 U	0.112 U	0.158 U	0.204 U	0.196 U	0.1965 U	0.197 U	0.09 U	0.1535 U	0.217 U	0.197 U	0.915	0.936
1,4-DICHLOROBENZENE	0.144 U	0.178 U	0.149 U	0.1845 U	0.22 U	0.195 U	0.202 U	0.209 U	0.29 U	0.2965 U	0.303 U	0.197 U	0.825	0.8485
2-BUTANONE	0.942	0.96	1.25	1.25	1.25	1.1	1.165	1.23	10.7	10.65	10.6	1.37	1.37	1.335
ACETALDEHYDE	9.505	8.91	7.09	7.115	7.14	4.95	4.69	4.43	11.2	11.6	12	8.24	10.1	11.95
ACETONE	6.81	6.93	14.2	13.75	13.3	7.26	6.915	6.57	22	21.9	21.8	19.4	12.7 J	18.25 J
ACETONITRILE	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.592 J	0.651 J
ACETOPHENONE	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.69 J	1.495 J	1.3 J	1.02 U	1.02 U	0.77 J
ACROLEIN	0.41 U	0.41 U	0.661 J	0.668 J	0.675 J	0.41 U	0.41 U	0.41 U	0.786 J	0.7935 J	0.801	0.41 U	1.22	1.475
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.527	0.54	0.595	0.639	0.683	0.671	0.673	0.675	0.772	0.7685	0.765	0.61	0.483 U	0.43275 J
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.435	0.4335	0.432	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.086 J	0.137 J	0.07 U	0.085 J	0.135 J	0.148 J	0.0915 J	0.07 U	0.124 J	0.1245 J	0.125 J	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	0.086 J	0.122 J	0.161 J	0.197 J	0.233	0.128 J	0.12 J	0.112 J	0.301	0.2705	0.24	0.138 J	0.1 UJ	3.54 J
CARBON TETRACHLORIDE	0.5995 U	0.628 U	0.458 U	0.5305 U	0.603 U	0.61 U	0.577 U	0.544 U	0.596 U	0.5935 U	0.591 U	0.647	0.693 U	0.669 U
CHLOROBENZENE	0.093 U	0.146 U	0.04 U	0.098 U	0.156 U	0.157 U	0.158 U	0.159 U	0.183 U	0.182 U	0.181 U	0.158 J	0.366 U	0.4405 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.478 J	0.467 J	0.456 J	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.11 U	0.11 U	0.11 U	0.151 U	0.192 U	0.21 U	0.211 U	0.212 U	1.03	1.0095	0.989	0.212	0.11 U	0.199 U
CHLOROMETHANE	1.27	1.3	1.24	1.32	1.4	1.35	1.25	1.15	1.26	1.265	1.27	1.39	1.35	1.41
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0949 J	0.05745 J	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.1515	0.248	0.712	0.7605	0.809	0.265	0.2695	0.274	0.371	0.373	0.375	0.11 U	0.292 J	0.906 J
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.252 J	0.2545 J
DICHLORODIFLUOROMETHANE	3.6	4.49	8.93 J	6.695 J	4.46 J	8.07 J	27.235 J	46.4 J	121	103.8	86.6	2.62	4.48 J	3.555 J
ETHYLBENZENE	0.55 U	0.641 U	0.691 U	0.7155 U	0.74 U	0.681 U	0.736 U	0.791 U	2.09	2.085	2.08	0.438	0.58 U	0.5955 U
HEXACHLOROBUTADIENE	0.3675 U	0.432 U	0.374 U	0.44 U	0.506 U	0.484 U	0.51 U	0.536 U	0.549 U	0.5285 U	0.508 U	0.576 U	2.2	1.97
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.1705
HEXANE	0.46	0.481	0.805	0.746	0.687	0.363	0.383	0.403	0.471	0.484	0.497	0.264 J	0.377 J	1.0885 J
ISOBUTANOL	0.46 U	0.46 U	0.46 UJ	1.04 J	1.85 J	0.46 U	0.46 U	0.46 U	1.95 J	1.09 J	0.46 UJ	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.07 U	0.07 U	0.56	0.587	0.614	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.189 J	0.196 J
M+P-XYLENES	1.895	2.07	2.19	2.34	2.49	2.16	2.27	2.38	2.99	2.98	2.97	1.34	1.53	1.64
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.507	0.503 J	0.499 J	0.27 U	0.331 J	0.351 J
METHYL CYCLOHEXANE	0.08 U	0.08 U	0.138 J	0.089 J	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.0985 J	0.157 J	0.08 U	0.35	0.323
METHYL TERT-BUTYL ETHER	0.475	0.542	0.502	0.5415	0.581	0.716	0.72	0.724	0.71	0.707	0.704	0.624	0.17 U	0.17 U
METHYLENE CHLORIDE	0.488	0.521	0.901	0.9555	1.01	0.424	0.414	0.404	0.462	0.473	0.484	0.622	1.63 J	1.036 J
NAPHTHALENE	0.224 U	0.22 U	0.323 U	0.305 U	0.287 U	0.22 U	0.22 U	0.22 U	0.296 U	0.2855 U	0.275 U	0.22 U	0.305 U	0.3085 U
O-XYLENE	0.501 J	0.716 J	1.11	1.18	1.25	0.78 J	0.78 J	0.87 U	0.06 U	0.06 U	0.06 U	0.492	0.62	0.6685
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.272 J	0.279 J
STYRENE	0.101 U	0.07 U	1.04 J	0.6535 J	0.534 U	0.365 U	0.60125 J	1.02 J	4.61	4.535	4.46	0.182 J	0.292	0.305
TETRACHLOROETHENE	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	1.45 U	6.18	6.07	5.96	1.45 U	1.45 U	1.2225 J
TOLUENE	1.86	1.88	17.3	17.9	18.5	2.32	2.44	2.56	6.52	6.44	6.36	2.09	1.27 J	2.17 J
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.0967 J	0.06585 J	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.12 U	0.16 U	0.096 U	0.147 U	0.198 U	1.17	1.19	1.21	28.1	27.7	27.3	0.156 J	0.338 U	0.3835 U
TRICHLOROFLUOROMETHANE	1.5	1.59	1.57	1.69	1.81	1.73	1.62	1.51	2.58	2.575	2.57	1.5	1.63	1.585
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

J-Estimated value
U-Not detected at that value

RESIDENTIAL AMBIENT AIR CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location ID	SU63	SU63	SU63	SU63
Sample ID	SU63AA001-D	SU63IA001	SU63IA001-AVG	SU63IA001-D
Residential / Government	GOVERNMENT	GOVERNMENT	GOVERNMENT	GOVERNMENT
Event	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	06	06	06	06
Sample Date	20090618	20090618	20090618	20090618
Study Area	SUPPORT SITE	SUPPORT SITE	SUPPORT SITE	SUPPORT SITE
Premise ID	NA	NA	NA	NA
Likely Water Source	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Blank Cells indicate that the parameter was not analyzed.				
Volatile Organics (UG/M3)				
1,1,1,2-TETRACHLOROETHANE	0.285 J	0.28 J	0.2865 J	0.293 J
1,1,1-TRICHLOROETHANE	0.182 J	0.188 J	0.186 J	0.184 J
1,1,2,2-TETRACHLOROETHANE	0.401 J	0.413	0.4005	0.388
1,1,2-TRICHLOROETHANE	0.08 UJ	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.881 U	0.788 U	0.783 U	0.778 U
1,1-DICHLOROETHANE	0.05 U	0.05 U	0.0523 J	0.0796 J
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4005 U	0.401 U
1,2,3-TRICHLOROPROPANE	0.227	0.254	0.1445	0.07 U
1,2,4-TRICHLOROBENZENE	1.85	2.04	2.05	2.06
1,2,4-TRIMETHYLBENZENE	0.755	0.844	0.8675	0.891
1,2-DIBROMO-3-CHLOROPROPANE	0.382 U	0.352 U	0.37 U	0.388 U
1,2-DIBROMOETHANE	0.15 U	0.12 U	0.134 U	0.148 U
1,2-DICHLOROBENZENE	0.983	0.962	0.962	0.962
1,2-DICHLOROETHANE	0.258	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.579 U	0.565 U	0.585 U	0.605 U
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.518 U	0.53 U	0.5225 U	0.515 U
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.957	0.919	0.909	0.899
1,4-DICHLOROBENZENE	0.872	0.833	0.824	0.815
2-BUTANONE	1.3	1.96	1.965	1.97
ACETALDEHYDE	13.8	12.8	13.2	13.6
ACETONE	23.8 J	19.3	20.2	21.1
ACETONITRILE	0.71 J	0.441 J	0.453 J	0.465 J
ACETOPHENONE	1.03 J	1.02 U	1.02 U	1.02 U
ACROLEIN	1.73	0.98	1.015	1.05
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.624 J	0.482 U	0.477 U	0.472 U
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	7.03 J	0.118 J	0.1135 J	0.109 J
CARBON TETRACHLORIDE	0.645 U	0.666 U	0.675 U	0.684 U
CHLOROBENZENE	0.515 U	0.37 U	0.37 U	0.37 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.288 U	0.186 U	0.1835 U	0.181 U
CHLOROMETHANE	1.47	1.3	1.315	1.33
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	1.52 J	0.25	0.2165 J	0.183 J
DIBROMOMETHANE	0.257 J	0.265 J	0.2635 J	0.262 J
DICHLORODIFLUOROMETHANE	2.63 J	2.75	2.605	2.46
ETHYLBENZENE	0.611 U	0.987	0.9985	1.01
HEXACHLOROBUTADIENE	1.74	2.16	2.215	2.27
HEXACHLOROETHANE	0.306	0.302	0.336	0.37
HEXANE	1.8 J	0.291 J	0.3235 J	0.356
ISOBUTANOL	0.46 U	1.33	1.605	1.88
ISOPROPYLBENZENE	0.203	0.2	0.2105	0.221
M+P-XYLENES	1.75	2.31	2.365	2.42
METHYL ACETATE	0.371 J	0.447 J	0.438 J	0.429 J
METHYL CYCLOHEXANE	0.296	0.328	0.184	0.08 U
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.442 J	1.54 J	0.948 J	0.356 J
NAPHTHALENE	0.312 U	0.298 U	0.328 U	0.358 U
O-XYLENE	0.717	0.741	0.7365	0.732
PENTACHLOROETHANE	0.286 J	0.281 J	0.291 J	0.301 J
STYRENE	0.318	0.369	0.3795	0.39
TETRACHLOROETHENE	1.72 J	1.45 U	1.45 U	1.45 U
TOLUENE	3.07 J	1.69	1.67	1.65
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.429 U	0.354 U	0.3525 U	0.351 U
TRICHLOROFLUOROMETHANE	1.54	1.51	1.52	1.53
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U

J-Estimated value
U-Not detected at that value

1500-FOOT STEP OUT RESIDENCES

SOIL GAS DATA

500-FOOT STEPOUT RESIDENCES TAP WATER

1500-FOOT STEPOUT RESIDENCES TAP WATER

STEPOUT RESIDENCES IRRIGATION WELL WATER

1500-FOOT STEP-OUT RESIDENCES
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0185	0225	0231	0234	0269	0275	0276	0276	0279	0288	0326
Sample ID	0185SG001	0225SG001	0231SG001	0234SG001	0269SG001	0275SG001	0276SG001	0276SG002	0279SG001	0288SG001	0326SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Sample Date	20090725	20090608	20090131	20090724	20090508	20090216	20090306	20090622	20090826	20090302	20090717
Study Area	STUDY AREA 01	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6300976002216	6132200200010	6132241001104	6132211600006	6132200203172	6132212802117	6132211902137	6132211902137	6132216802040	6132204002065	6132216804045
Likely Water Source	PUBLIC	WELL	WELL	WELL	WELL	WELL	WELL	WELL	PUBLIC	WELL	WELL
Volatile Organics (ug/m3)											
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.186 J	0.218 J	1.01	0.239 J	0.203 J	0.283 J	0.358 J	0.417	0.15 U	0.15 U	0.473
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.685	0.835	0.946	1.03	0.734	0.767	0.08 UJ	0.08 U	0.597	0.638	0.964
1,1-DICHLOROETHANE	0.104 J	0.05 U	0.05 U	0.061 J	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U	0.168 J
1,1-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.162 J
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 UR	0.4 U	0.6 J	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.464 U	0.88 U	0.19 UR	0.524 U	1.43 U	1.06	0.713 J	0.409	0.641 U	0.874 U	0.425 U
1,2,4-TRIMETHYLBENZENE	0.166 U	10.6	0.286	0.616	0.05 U	3.94	10.6 J	51.9	0.05 U	0.218 U	0.31
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 UR	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 UJ	0.12 U	0.12 U	0.12 U	0.287
1,2-DICHLOROBENZENE	0.181 U	0.1 U	0.1 U	0.183 U	0.1 U	0.18 J	0.1 UJ	0.1 U	0.134 J	0.1 U	0.257 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.09 U	0.09 U	1.25	0.09 U	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.179 J	0.503
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.05 U	3.78	0.05 U	0.239 U	0.05 U	1.11	2.95 J	29.9	0.05 U	0.135 J	0.226
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.55 J	0.802 J	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.193 U	0.09 U	0.09 U	0.188 U	0.09 U	0.165 J	0.09 UJ	0.09 U	0.112 J	0.09 U	0.258 U
1,4-DICHLOROBENZENE	0.189 U	0.287 U	0.09 U	0.203 U	0.09 U	0.591	0.09 UJ	0.09 U	0.11 J	0.336	0.253 U
2-BUTANONE	1.17	22.1	0.598 J	6.81	0.845	3.72	14.1 J	38.1	2.25	0.882	2.23
ACETALDEHYDE	25.1 J	28.5	0.62 U	6.77	21	0.62 U	179 J	53.6	20.2	12.1	24.4
ACETONE	9.65	98.4	5.56	27.5	6.44	19.9	76.6 J	127	21.2	9.34	8.74
ACETONITRILE	0.38 U	1.26	0.38 U	0.38 U	0.38 U	0.38 U	0.812 J	0.38 U	0.38 U	0.38 U	0.828
ACETOPHENONE	1.02 U	1.16 J	1.02 U	1.02 U	2.58	1.02 U	1.29 J	1.02 U	2.42	1.02 UJ	1.02 U
ACROLEIN	0.41 U	1.16	0.554 J	0.502 J	0.821	0.764 J	2 J	0.41 U	0.651 J	0.41 U	0.652 J
ACRYLONITRILE	0.2 U	0.382 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.331	26	0.273	2.13	1.55	4.68	13.2 J	56.6	0.23	1.05	1.4
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.403	0.15 U	0.15 U	0.15 U	0.352	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.246 J
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.191 J
CARBON DISULFIDE	0.214	3.39	1.24	1.32	0.313	0.98	1.97 J	6.67	0.151 J	0.536	0.96
CARBON TETRACHLORIDE	0.236 J	0.13 U	0.13 U	0.13 U	6.24	0.13 U	0.13 UJ	0.333	0.152 J	0.247 J	0.344
CHLOROBENZENE	0.12 U	0.214	0.04 U	0.136 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.145 J	0.04 U	0.29
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 UJ	0.24 U	0.24 U	0.24 U	0.279 J
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.16 J
CHLOROFORM	32.7	0.787	10.9	1.66	88.3	0.612	0.275 J	0.11 U	0.11 U	1.44	1.07
CHLOROMETHANE	0.112 J	0.07 U	0.07 U	0.138 J	0.07 U	0.07 U	0.07 UJ	0.224	0.11 J	0.07 U	0.207
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 UJ	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.131 J	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U	0.04 U	0.157 J
CYCLOHEXANE	0.123 J	7.62	0.11 U	0.324	0.209	2.59	9.01 J	58.7	0.592	0.11 U	0.233
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2.13	2.52	3.74	3.4	2.89	4.33	13.4 J	13.4	2.58	2.34	3.07
ETHYLBENZENE	0.181 U	8.11	0.208	1.38	0.327	2.94	17.6 J	59.4	0.33	5.73	4.17
HEXACHLOROBUTADIENE	0.375 U	0.755 U	0.355 J	0.398 U	0.488 U	1.46	0.24 UJ	0.24 U	0.346 J	0.693 U	0.485 J
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	0.262 J	8.05	0.666	0.984	0.644	0.365	25.2 J	124	0.45	0.298 J	0.276 J
ISOBUTANOL	0.765 J	8.76	0.46 U	0.46 U	0.46 U	0.46 U	0.46 UJ	0.46 U	2.55	0.46 U	0.671 J
ISOPROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U
M+P-XYLENES	0.349 U	15.4	0.508	1.57	0.803	3.85	16 J	85.8	0.606	3.44	3.09
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.624	0.27 U	0.366 J	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.08 U	13.3	0.08 U	0.08 U	0.08 U	0.743	13.6 J	107	0.08 U	0.213	0.08 U
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.08 U	0.971	0.361	0.08 U	0.08 U	0.08 U	0.08 UJ	0.08 U	1.56	0.08 U	0.327
NAPHTHALENE	0.22 UR	0.841 UR	0.22 UR	0.299 R	1.06 R	18 R	8.35 R	4.03 R	1.22 R	16.1 R	0.22 UR
O-XYLENE	0.187 J	7.99	0.249	0.763	0.06 U	2.21	8.98 J	45.8	0.06 U	1.63	2.25
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	0.148 J	8.9	0.07 U	2.04	0.692	26	14.4 J	0.07 U	0.346	41.7	9.21
TETRACHLOROETHENE	15.4	37.4	167	356	193	35.1	75 J	85	6.06	107	10.5
TOLUENE	0.273 U	18.4	1.38	2.29	1.94	4.58	27.5 J	115	3.86	4.17	2.31
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.161 J
TRANS-1,3-DICHLOROPROPENE	0.0773 J	0.07 U	0.07 U	0.138 J	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.173 J
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	11	0.151 J	0.197 J	0.429	0.08 U	0.08 U	0.08 UJ	0.273	0.08 U	0.22	0.849
TRICHLOROFLUOROMETHANE	1.66	12.6	2.25	2.4	7.29	22.4	536 J	317	1.51	1.66	10.4
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.134 J
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U	0.07 U	0.07 U

J-Esimated value
U-Not detected at that value
R-Rejected value

1500-FOOT STEP-OUT RESIDENCES
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0329	0339	0341	0343	0345	0354	0371	0374	0410	0410	0410
Sample ID	0329SG001	0339SG001	0341SG001	0343SG001	0345SG001	0354SG001	0371SG001	0374SG001	0410SG001	0410SG001-AVG	0410SG001-D
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Sample Date	20090725	20090716	20090207	20090717	20090206	20090218	20090423	20090722	20090228	20090228	20090228
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132216802039	6132216804044	6132200203163	6132216803112	6132135576190	6132216806083	6132222202008	6132212602004	6132211602053	6132211602053	6132211602053
Likely Water Source	PUBLIC	WELL	WELL	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Volatile Organics (ug/m3)											
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.15 U	0.287 J	0.15 U	0.28 J	0.204 J	0.15 U	0.15 U	0.83	0.267 J	0.2655 J	0.264 J
1,1,2,2-TETRACHLOROETHANE	0.14 U	0.04 U	0.04 U	0.302	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.804	0.872	0.629	0.912	0.74	0.917	0.08 U	0.75	0.646	0.503	0.36
1,1-DICHLOROETHANE	0.05 U	0.173 J	0.05 U	0.169 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	0.176 J	0.1 U	0.159 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 UR	0.4 U	0.4 UR	2.21	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.419 U	0.724 U	0.19 UJ	0.454 U	0.19 UJ	1.43	0.979	0.492 U	1.05 U	0.984 U	0.918 U
1,2,4-TRIMETHYLBENZENE	0.05 U	0.761	69.7	0.275 U	41.8	1.35	4.62	0.845	1.13	1.145	1.16
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.308	0.12 U	0.295	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.175 U	0.313 U	0.1 U	0.258 U	0.1 U	0.167 J	0.1 U	0.187 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.253	0.1 U	0.187 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.09 U	0.505	1.33	0.09 U	1.16	0.51	0.09 U	0.125 J	0.455	0.4775	0.5
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.114 U	0.418	25 J	0.224	47.4 J	0.478	0.05 U	0.371	0.35	0.357	0.364
1,3-BUTADIENE	0.49 U	0.49 U	2.74	0.49 U	0.915 J	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.156 U	0.292 U	0.09 U	0.27 U	0.09 U	0.133 J	0.09 U	0.189 U	0.09 U	0.09 U	0.09 U
1,4-DICHLOROBENZENE	0.155 U	0.314 U	0.09 U	0.249 U	0.09 U	0.52	0.09 U	0.19 U	3.09	2.985	2.88
2-BUTANONE	2.75	28	39.6	1.73	41.4	3.03	16.6	3.92	0.935	0.9475	0.96
ACETALDEHYDE	20.5 J	36.8	0.62 UJ	20.7	0.62 UJ	0.62 U	39.6	45.3	5.67	5.37	5.07
ACETONE	34.8 J	202	139 J	11.1	695 J	51.6	63.1	35.4	5.69	5.66	5.63
ACETONITRILE	0.38 U	0.908	0.38 UJ	0.38 U	2.48 J	0.678 J	1.68	0.618 J	0.38 U	0.38 U	0.38 U
ACETOPHENONE	1.02 U	1.27 J	1.02 U	1.02 U	1.02 U	1.02 U	10.7	1.02 U	1.02 UJ	1.02 UJ	1.02 UJ
ACROLEIN	0.61 J	0.693 J	3.17	0.82	5.48	0.41 U	0.41 U	0.961	0.41 U	0.41 U	0.41 U
ACRYLONITRILE	0.2 U	0.901	0.2 U	0.2 U	0.504	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	0.311	2.01	70.2	1.34	20.2	4.78	3.49	3.09	1.38	1.385	1.39
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.241 J	0.15 U	0.232 J	0.15 U	0.15 U	0.15 U	1.02	0.15 U	0.15 U	0.15 U
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.197 J	0.07 U	0.191 J	0.07 U	0.07 U	0.07 U	0.209	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	0.108 J	1.38	4.52	0.343	1.74	0.802	1.93	1.59	0.935	0.936	0.937
CARBON TETRACHLORIDE	0.228 J	0.525	0.13 U	0.235 J	0.13 U	0.202 J	2.61	0.13 U	0.488	0.487	0.486
CHLOROBENZENE	0.117 U	0.364	0.04 U	0.221	0.04 U	0.04 U	0.04 U	0.127 U	0.04 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.306 J	0.24 U	0.261 J	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.157 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	0.392	1.58	0.11 U	0.11 U	2.44	0.578	97.6	20.9	1.16	1.17	1.18
CHLOROMETHANE	0.118 J	0.253	0.35 J	0.206	0.07 UJ	0.07 U	0.07 U	0.166 J	0.07 U	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.0775 J	0.184 J	0.04 U	0.161 J	0.04 U	0.04 U	0.04 U	0.124 J	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.11 U	4.23	12.3	0.172 J	1.36	9.47	0.11 U	0.4	3	3	3
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2.44	3.04	2.32	2.75	3.66	2.22	1.8	3.58	1.96	1.955	1.95
ETHYLBENZENE	0.274 U	12.5	145	2.4	18	0.934	32.2	3.07	21.8	22.3	22.8
HEXACHLOROBUTADIENE	0.353 U	0.585	0.333 J	0.479 J	0.371 J	1.55	0.24 U	0.373 J	0.796 U	0.751 U	0.706 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	0.17 U	5.73	39.8	0.359	2.57	1.03	1.04	0.668	10.1	10.045	9.99
ISOBUTANOL	0.512 J	5.7	0.46 U	0.46 U	0.46 U	0.46 U	16.1	0.675 J	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.07 U	0.282	12.4	0.07 U	13.5	0.07 U	0.876	0.173 U	0.641	0.338	0.07 U
M+P-XYLENES	0.366 U	8.45	149	1.83	30.9	2.08	17.3	2.61	12.7	13	13.3
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.08 U	6.26	32.7	0.08 U	5.28	0.714	0.08 U	0.518	3.21	3.23	3.25
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	41.2	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.08 U	2.85	0.209	0.253	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.1335	0.227
NAPHTHALENE	0.229 R	1.37 R	0.22 UR	0.22 UR	0.22 UR	9.11 R	1.78 R	0.36 UR	26.5 R	27.25 R	28 R
O-XYLENE	0.207	4.06	75.1	1.04	21.3	0.975	9.25	1.38	5.61	5.815	6.02
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	0.296	22.5	1500	2.94	45.6	0.319	79	3.4	69.4	69.5	69.6
TETRACHLOROETHENE	9.64	4.81	236 J	5.26	466	6	168	91.1	4.84	3.85 J	2.86 J
TOLUENE	0.307	8.42	135	1.19	23.5	7.33	3.33	3.49	2.59	2.635	2.68
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.17 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.178 J	0.07 U	0.181 J	0.07 U	0.07 U	0.07 U	0.12 J	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.08 U	0.802	0.326	0.202	0.08 U	0.08 U	0.08 U	0.162 J	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	1.53	3.21	1.04	631	4.14	8.89	1.58	2.2	3.81	3.835	3.86
VINYL ACETATE	0.11 U	0.11 U	0.11 UJ	0.11 U	0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

J-Esimated value
U-Not detected at that value
R-Rejected value

1500-FOOT STEP-OUT RESIDENCES
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0416	0427	0436	0462	0805	0815	0851	1621	1850	1995
Sample ID	0416SG001	0427SG001	0436SG001	0462SG001	0805SG001	0815SG001	0851SG001	1621SG001	1850SG001	1995SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Sample Date	20090227	20090327	20090217	20090213	20090804	20090905	20090811	20090722	20090727	20090217
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 08	STUDY AREA 06	STUDY AREA 08
Premise ID	6132200202184	6132216804014	6132200226002	6132237501008	6111212802114	6111219018152	6111219018146	6132411614177	6129417402045	6129406802030
Likely Water Source	WELL	WELL	WELL	WELL	PUBLIC	PUBLIC	PUBLIC	WELL	PUBLIC	PUBLIC
Volatile Organics (ug/m3)										
1,1,1,2-TETRACHLOROETHANE	0.18 U	25.2	0.18 U	0.18 U	0.242 J	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	15.4	0.15 U	0.702	0.15 U	9.09	0.855	0.996	0.643	0.15 U	0.324
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	1.11	0.847	0.61	4.95	24.7	1.25	1.02	0.844	0.08 U	0.867
1,1-DICHLOROETHANE	0.896	0.05 U	0.05 U	0.05 U	0.16 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	1.5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.435 J	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U	0.243	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	1.34 U	0.926	1.08	1.02	0.759 U	1.82 U	0.19 U	0.393 U	0.388 U	0.98
1,2,4-TRIMETHYLBENZENE	6	0.05 U	0.922	14.8	0.911	0.728	115	0.178 U	0.092 J	0.238
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.43 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.309	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.144 J	0.307 U	0.373	0.1 U	0.161 U	0.1 U	0.142 J
1,2-DICHLOROETHANE	2.06	0.1 U	0.1 U	0.1 U	0.234	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	11.8	0.749	0.09 U	14.2	0.249	0.09 U	0.333	0.129 J	0.09 U	0.211
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	1.67	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	1.93	0.369	0.401	4.05	0.415	0.361 U	22.4	0.109 U	0.05 U	0.122 J
1,3-BUTADIENE	0.49 U	0.607 J	0.49 U	0.49 U	0.49 U	0.49 U	0.731 J	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.09 U	0.09 U	0.128 J	0.139 J	0.294 U	0.312	0.09 U	0.164 U	0.09 U	0.12 J
1,4-DICHLOROBENZENE	0.374	0.09 U	0.485	0.589	0.304 U	0.271	0.09 U	0.148 U	0.09 U	0.448
2-BUTANONE	19.8	0.96	1.22	11.2	12.2	15.4	27.4	1.36	2.17	1.03
ACETALDEHYDE	26.6	20.6	0.62 U	0.62 U	8.34	62.8	45.8	21.8	35.7	0.62 U
ACETONE	58.6	10.5	8.17	53.3	46	139	169	7.45	28.1	6.13
ACETONITRILE	0.529 J	0.38 U	0.38 U	0.803	0.414 J	5.11 U	1.63	0.38 U	0.38 U	0.38 U
ACETOPHENONE	2.44 J	1.81 J	1.02 U	1.02 U	1.02 U	1.76 J	1.15 J	1.02 U	1.02 U	1.02 U
ACROLEIN	1.77	0.41 U	0.41 U	1.34	0.479 J	2.08	0.624 J	0.521 J	0.455 J	0.41 U
ACRYLONITRILE	0.2 U	0.2 U	0.2 U	0.2 U	0.436	0.609	0.391 J	0.2 U	0.2 U	0.2 U
BENZENE	21.5	2.59	1.38	14.3	2.01	3.79	6.39	0.577	0.201	0.378
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.28 J	0.15 U	0.185 J	0.15 U	0.15 U	0.331
BROMOFORM	0.11 U	0.11 U	0.11 U	0.11 U	0.384	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.181 J	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE	3.87	5.24	0.215	4.98	0.514	1.21	1.18	0.217	0.1 U	0.193 J
CARBON TETRACHLORIDE	0.13 U	0.13 U	0.13 U	0.225 J	0.392	0.13 U	0.26 J	0.13 U	0.13 U	0.212 J
CHLOROBENZENE	0.941	0.04 U	0.04 U	0.04 U	0.376	0.216 U	0.261	0.113 U	0.04 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.141 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	3.02	0.11 U	0.17 J	0.676	1.69	0.555	2.19	0.317	0.11 U	1.84
CHLOROMETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.151 J	0.491	0.361	0.167 J	0.07 U	0.07 U
CIS-1,2-DICHLOROETHENE	0.379	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U	0.04 U	0.04 U	0.04 U	0.175 J	0.04 U	0.04 U	0.0968 J	0.04 U	0.04 U
CYCLOHEXANE	10.6	5.42	0.11 U	76	0.245	0.558	2.08	0.131 J	0.11 U	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U	0.314	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	5.65	2.11	2.62	0.18 U	34.6	3.95	3.38	5.29	3.47	2.11
ETHYLBENZENE	16.6	86.2	3.71	8.88	2.96	1.67	8.11	1.43	0.16 J	1.12
HEXACHLOROBUTADIENE	0.822 U	0.538	1.36	1.3	0.635 U	1.71 U	0.24 U	0.309 J	0.265 J	1.28
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U	0.237 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	13.1	0.565	0.224 J	22	0.304	0.79	1.71	0.262 J	0.17 U	0.349
ISOBUTANOL	0.46 U	0.46 U	1.18	8.09	9.17	8.32	15.6	0.46 U	0.46 U	1.11
ISOPROPYLBENZENE	18.5	2.02	0.07 U	2.86	0.293	0.177 U	4.65	0.07 U	0.07 U	0.07 U
M+P-XYLENES	14.5	55.8	2.49	20.1	3.23	1.66	23.9	0.961	0.159 J	0.813
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.539	0.513	0.27 U	1.1	0.27 U
METHYL CYCLOHEXANE	25	11.4	0.134 J	10.5	0.08 U	0.08 U	9.07	0.08 U	0.08 U	0.0951 J
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.659	1.13	2.03	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.404	0.08 U	0.08 U	1.8	1.24	0.979	1.29	0.08 U	0.08 U	0.117 J
NAPHTHALENE	50.8 R	2.45 R	24 R	25.1 R	0.482 R	1.93 R	0.22 UR	0.22 UR	0.22 UR	17.3 R
O-XYLENE	16.4	22.2	1.06	12.1	1.78	0.709	12.5	0.462	0.06 U	0.376
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.279 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	11.7	804	10.5	2.21	4.17	0.403	0.07 U	1.1	0.194 J	2.07
TETRACHLOROETHENE	3270	9.81	46.3	1.45 U	1650	13.5	7.7	32.4	3.52	9.92
TOLUENE	24.5	5.81	1.95	51.2	3.37	6.04	27.2	0.66	0.204	1.2
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.15 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.224	0.07 U	0.07 U	0.109 J	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	113	0.08 U	0.08 U	0.08 U	0.572	0.08 U	0.08 U	0.128 J	0.08 U	2.99
TRICHLOROFLUOROMETHANE	43.9	2.15	2.56	5.73	120	8.25	14.2	9.06	3.91	3.39
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U

J-Esimated value
U-Not detected at that value
R-Rejected value

500-FOOT STEP-OUT RESIDENCES
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0244	0246	0250	0270	0332	0366	0368	0388	0409	0409	0409	0411	0454
Sample ID	0244TW001	0246TW001	0250TW001	0270TW001	0332TW001	0366TW001	0368TW001	0388TW001	0409TW001	0409TW001-AVG	0409TW001-D	0411TW001	0454TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT
Event	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS
Sample Date	20080927	20080923	20080925	20081003	20080922	20080922	20080926	20080930	20080924	20080924	20080924	20080930	20080925
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132215212020	6132215214032	6132225902120	6132216800080	6132211602052	6132215214030	6132215214013	6132241001280	6132211002020	6132211002020	6132211002020	6132215202043	6132211602108
Likely Water Source	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
Dioxins/Furans (ng/L)													
1,2,3,4,6,7,8,9-OCDD	0.0066 U	0.0068 U	0.0047 U	0.008647 U	0.006 U	0.0088 U	0.0052 U	0.007 U	0.0047 U	0.005 U	0.0053 U	0.0045 U	0.0065 U
1,2,3,4,6,7,8,9-OCDF	0.0096 U	0.0027 U	0.0019 U	0.0096 U	0.003603 U	0.0089 U	0.015 U	0.0045 U	0.0026 U	0.0053 U	0.008 U	0.071 U	0.026 U
1,2,3,4,6,7,8-HPCDD	0.0025 U	0.0022 U	0.0031 U	0.005 U	0.002 U	0.0028 U	0.0017 U	0.0032 U	0.002 U	0.0019 U	0.0018 U	0.002 U	0.0022 U
1,2,3,4,6,7,8-HPCDF	0.0072 U	0.0012 U	0.0014 U	0.0025 U	0.0026 U	0.0053 U	0.0082 U	0.0021 U	0.0022 U	0.00305 U	0.0039 U	0.012 U	0.0048 U
1,2,3,4,7,8,9-HPCDF	0.00078 U	0.001028 U	0.00071 U	0.002 U	0.0016 U	0.00121 U	0.00075 U	0.001 U	0.0011 U	0.00086 U	0.00062 U	0.0012 U	0.001038 U
1,2,3,4,7,8-HXCDD	0.00076 U	0.00084 U	0.000532 U	0.0032 U	0.001002 U	0.0011 U	0.00068 U	0.00086 U	0.0007 U	0.000635 U	0.00057 U	0.000792 U	0.000821 U
1,2,3,4,7,8-HXCDF	0.00056 U	0.00065 U	0.00048 U	0.002136 U	0.00048 U	0.00064 U	0.00068 U	0.000404 U	0.000312 U	0.000366 U	0.00042 U	0.0013 U	0.00099 U
1,2,3,6,7,8-HXCDD	0.00076 U	0.00072 U	0.00046 U	0.002708 U	0.00086 U	0.000901 U	0.00058 U	0.00074 U	0.000601 U	0.000551 U	0.0005 U	0.000672 U	0.0007 U
1,2,3,6,7,8-HXCDF	0.00044 U	0.00031 U	0.00036 U	0.001813 U	0.00041 U	0.00038 U	0.000482 U	0.00043 U	0.00029 U	0.000305 U	0.00032 U	0.00058 U	0.00027 U
1,2,3,7,8,9-HXCDD	0.00066 U	0.000741 U	0.000482 U	0.0028 U	0.000883 U	0.00093 U	0.000603 U	0.000761 U	0.00063 U	0.000565 U	0.0005 U	0.0007 U	0.0007 U
1,2,3,7,8,9-HXCDF	0.00059 U	0.00074 U	0.00071 U	0.003 U	0.00055 U	0.0005 U	0.00063 U	0.00059 U	0.00036 U	0.000391 U	0.000421 U	0.000624 U	0.000362 U
1,2,3,7,8-PECDD	0.00044 U	0.000382 U	0.00046 U	0.000993 U	0.00048 U	0.0005 U	0.000531 U	0.00067 U	0.00041 U	0.000455 U	0.0005 U	0.000504 U	0.000362 U
1,2,3,7,8-PECDF	0.00083 U	0.00026 U	0.00071 U	0.000323 U	0.00031 U	0.0005 U	0.00065 U	0.00038 U	0.00034 U	0.000445 U	0.00055 U	0.00099 U	0.00029 U
2,3,4,6,7,8-HXCDF	0.000512 U	0.00029 U	0.00033 U	0.002136 U	0.001 U	0.00062 U	0.00056 U	0.000404 U	0.00041 U	0.000391 U	0.000371 U	0.00065 U	0.000314 U
2,3,4,7,8-PECDF	0.001 U	0.00067 U	0.0011 U	0.0006 U	0.00064 U	0.00083 U	0.0007 U	0.00078 U	0.0007 U	0.000845 U	0.00099 U	0.00099 U	0.00082 U
2,3,7,8-TCDD	0.00037 U	0.00031 U	0.00036 J	0.00072 U	0.00041 J	0.00043 U	0.00039 U	0.00029 J	0.000264 U	0.000332 U	0.0004 U	0.00036 U	0.00034 U
2,3,7,8-TCDF	0.0012 U	0.0006 U	0.001 U	0.00075 U	0.00033 U	0.00052 U	0.00097 U	0.00067 U	0.00024 U	0.00053 U	0.00082 U	0.0012 U	0.0006 U
SUM 17 CONGENERS					0.023	0.035							
TEQ	0.00037 U	0.00031 U	0.00036	0.00072 U	0.00041	0.00043 U	0.00039 U	0.00029	0.000264 U	0.000332 U	0.0004 U	0.00036 U	0.00034 U
TOTAL HPCDD	0.0025 J	0.0022 J	0.0031 J	0.005 U	0.002 J	0.0028 J	0.0017 J	0.0032 J	0.002 J	0.0019 J	0.0018 J	0.002 J	0.0022 J
TOTAL HPCDF	0.016 J	0.0027 U	0.0039 J	0.0045 J	0.0045 J	0.0074 J	0.02 J	0.0051 J	0.0038 J	0.0064 J	0.009 J	0.017 J	0.0072 J
TOTAL HXCDD	0.002048 U	0.0023 U	0.0015 U	0.008647 U	0.002744 U	0.0029 U	0.0019 U	0.0024 U	0.001923 U	0.001762 U	0.0016 U	0.0022 U	0.002222 U
TOTAL HXCDF	0.0074 J	0.0019 J	0.0019 J	0.008523 U	0.001909 U	0.002 J	0.0076 J	0.00164 U	0.0013 U	0.002425 J	0.0042 J	0.005 J	0.0016 J
TOTAL PECDD	0.00044 U	0.000382 J	0.00046 U	0.000993 U	0.00048 U	0.0005 U	0.000531 U	0.00067 U	0.00041 U	0.000455 U	0.0005 U	0.000504 U	0.000362 U
TOTAL PECDF	0.0019 J	0.00093 J	0.0018 J	0.00075 J	0.00095 J	0.0013 J	0.0014 J	0.0011 J	0.001 J	0.00125 J	0.0015 J	0.002 J	0.001 J
TOTAL TCDD	0.0011 U	0.000932 U	0.0011 U	0.0022 U	0.001217 U	0.0013 U	0.0012 J	0.0013 J	0.000793 U	0.000997 U	0.0012 U	0.0011 U	0.001014 U
TOTAL TCDF	0.0017 J	0.00065 J	0.0017 J	0.001441 U	0.00041 J	0.00069 J	0.0014 J	0.0011 J	0.00038 J	0.00069 J	0.001 J	0.0017 J	0.00072 J
Volatile Organics (ug/L)													
1,1,1,2-TETRACHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
1,1,1-TRICHLOROETHANE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
1,1,2,2-TETRACHLOROETHANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,1,2-TRICHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2,3-TRICHLOROBENZENE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2,3-TRICHLOROPROPANE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2,4-TRICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,2-DIBROMOETHANE	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
1,2-DICHLOROBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2-DICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROPROPANE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
1,2-DICHLOROTETRAFLUOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
1,4-DICHLOROBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
2-CHLOROTOLUENE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
4-ISOPROPYLTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-METHYL-2-PENTANONE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
BROMOFORM	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
BROMOMETHANE	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U

J-Estimated value
U-Not detected at that value
R-Rejected value

500-FOOT STEP-OUT RESIDENCES
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0244	0246	0250	0270	0332	0366	0368	0388	0409	0409	0409	0411	0454
Sample ID	0244TW001	0246TW001	0250TW001	0270TW001	0332TW001	0366TW001	0368TW001	0388TW001	0409TW001	0409TW001-AVG	0409TW001-D	0411TW001	0454TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT
Event	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS
Sample Date	20080927	20080923	20080925	20081003	20080922	20080922	20080926	20080930	20080924	20080924	20080924	20080930	20080925
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132215212020	6132215214032	6132225902120	6132216800080	6132211602052	6132215214030	6132215214013	6132241001280	6132211002020	6132211002020	6132211002020	6132215202043	6132211602108
Likely Water Source	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
CHLORODIBROMOMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
CHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
CHLOROFORM	0.09 U	0.109 J	0.141 J	0.146 J	0.15 J	0.136 J	0.178 J	0.111 J	0.15 J	0.1385 J	0.127 J	0.12 J	0.09 U
CHLOROMETHANE	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
CIS-1,2-DICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.173 J	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
CIS-1,3-DICHLOROPROPENE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
M+P-XYLENES	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
METHYL TERT-BUTYL ETHER	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
METHYLENE CHLORIDE	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
N-BUTYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
TETRACHLOROETHENE	32.6	44	25.2	11.9	44.8	43.5	94.2	65.2	37.6	37.25	36.9	12.7	52
TOLUENE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRANS-1,2-DICHLOROETHENE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.149 J	0.195 J	0.13 U	0.134 J	0.13 U	0.234 J	0.227 J	0.169 J	0.1695 J	0.17 J	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
VINYL CHLORIDE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Semivolatile Organics (ug/L)													
1,1-BIPHENYL	0.189 U	0.192 U	0.189 U	0.189 U	0.19 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U	0.189 U
1,2,4,5-TETRACHLOROBENZENE	0.191 U	0.192 U	0.202 U	0.195 U	0.19 U	0.189 U	0.198 U	0.19 U	0.195 U	0.195 U	0.195 U	0.193 U	0.193 U
2,3,4,6-TETRACHLOROPHENOL	0.286 U	0.289 U	0.302 U	0.293 U	0.285 U	0.284 U	0.297 U	0.285 U	0.292 U	0.292 U	0.292 U	0.289 U	0.289 U
2,4,5-TRICHLOROPHENOL	0.476 U	0.481 U	0.504 U	0.488 U	0.475 U	0.473 U	0.495 U	0.476 U	0.487 U	0.487 U	0.487 U	0.482 U	0.482 U
2,4,6-TRICHLOROPHENOL	0.476 U	0.481 U	0.504 U	0.488 U	0.475 U	0.473 U	0.495 U	0.476 U	0.487 U	0.487 U	0.487 U	0.482 U	0.482 U
2,4-DICHLOROPHENOL	0.667 U	0.673 U	0.705 U	0.683 U	0.665 U	0.663 U	0.694 U	0.666 U	0.681 U	0.6815 U	0.682 U	0.674 U	0.675 U
2,4-DIMETHYLPHENOL	0.953 U	0.962 U	1.01 U	0.976 U	0.95 U	0.947 U	0.991 U	0.951 U	0.974 U	0.974 U	0.974 U	0.964 U	0.965 U
2,4-DINITROPHENOL	0.286 U	0.289 U	0.302 U	0.293 U	0.285 U	0.284 U	0.297 U	0.285 U	0.292 U	0.292 U	0.292 U	0.289 U	0.289 U
2,4-DINITROTOLUENE	0.953 U	0.962 U	1.01 U	0.976 U	0.95 U	0.947 U	0.991 U	0.951 U	0.974 U	0.974 U	0.974 U	0.964 U	0.965 U
2,6-DICHLOROPHENOL	0.762 U	0.769 U	0.806 U	0.781 U	0.76 U	0.757 U	0.793 U	0.761 U	0.779 U	0.779 U	0.779 U	0.771 U	0.772 U
2,6-DINITROTOLUENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
2-CHLORONAPHTHALENE	0.191 U	0.192 U	0.202 U	0.195 U	0.19 U	0.189 U	0.198 U	0.19 U	0.195 U	0.195 U	0.195 U	0.193 U	0.193 U
2-CHLOROPHENOL	0.857 U	0.866 U	0.907 U	0.878 U	0.855 U	0.852 U	0.892 U	0.856 U	0.876 U	0.8765 U	0.877 U	0.867 U	0.868 U
2-METHYLNAPHTHALENE	0.191 U	0.192 U	0.202 U	0.195 U	0.19 U	0.189 U	0.198 U	0.19 U	0.195 U	0.195 U	0.195 U	0.193 U	0.193 U
2-METHYLPHENOL	0.667 U	0.673 U	0.705 U	0.683 U	0.665 U	0.663 U	0.694 U	0.666 U	0.681 U	0.6815 U	0.682 U	0.674 U	0.675 U
2-NITROPHENOL	0.857 U	0.866 U	0.907 U	0.878 U	0.855 U	0.852 U	0.892 U	0.856 U	0.876 U	0.8765 U	0.877 U	0.867 U	0.868 U
3&4-METHYLPHENOL	1.14 U	1.15 U	1.21 U	1.17 U	1.14 U	1.14 U	1.19 U	1.14 U	1.17 U	1.17 U	1.17 U	1.16 U	1.16 U
3-NITROANILINE	0.953 U	0.962 U	1.01 U	0.976 U	0.95 U	0.947 U	0.991 U	0.951 U	0.974 U	0.974 U	0.974 U	0.964 U	0.965 U
4,6-DINITRO-2-METHYLPHENOL	0.191 U	0.192 U	0.202 U	0.195 U	0.19 U	0.189 U	0.198 U	0.19 U	0.195 U	0.195 U	0.195 U	0.193 U	0.193 U
4-BROMOPHENYL PHENYL ETHER	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
4-CHLORO-3-METHYLPHENOL	0.572 U	0.577 U	0.605 U	0.586 U	0.57 U	0.568 U	0.595 U	0.571 U	0.584 U	0.5845 U	0.585 U	0.578 U	0.579 U
4-CHLOROANILINE	0.953 U	0.962 U	1.01 U	0.976 U	0.95 U	0.947 U	0.991 U	0.951 U	0.974 U	0.974 U	0.974 U	0.964 U	0.965 U
4-NITROANILINE	0.953 U	0.962 U	1.01 U	0.976 U	0.95 U	0.947 U	0.991 U	0.951 U	0.974 U	0.974 U	0.974 U	0.964 U	0.965 U
4-NITROPHENOL	0.286 U	0.289 U	0.302 U	0.293 U	0.285 U	0.284 U	0.297 U	0.285 U	0.292 U	0.292 U	0.292 U	0.289 U	0.289 U
ACENAPHTHENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
ACENAPHTHYLENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
ANILINE	0.953 U	0.962 U	1.01 U	0.976 U	0.95 U	0.947 U	0.991 U	0.951 U	0.974 U	0.974 U	0.974 U	0.964 U	0.965 U
ANTHRACENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
ATRAZINE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
BAP EQUIVALENT	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
BENZO(A)ANTHRACENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
BENZO(A)PYRENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
BENZO(B)FLUORANTHENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
BENZO(G,H,I)PERYLENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
BENZO(K)FLUORANTHENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
BIS(2-ETHYLHEXYL)PHTHALATE	1.33 U	1.35 U	1.41 U	1.62 J	1.67 J	1.33 U	1.39 U	4.58 J	1.36 U	1.36 U	1.36 U	1.35 U	1.35 U
BUTYL BENZYL PHTHALATE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
CARBAZOLE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
CHRYSENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
DI-N-BUTYL PHTHALATE	1.24 U	1.25 U	1.31 U	1.27 U	1.23 U	1.23 U	1.29 U	1.24 U	1.27 U	1.27 U	1.27 U	1.25 U	1.25 U

J-Estimated value
U-Not detected at that value
R-Rejected value

500-FOOT STEP-OUT RESIDENCES
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0244	0246	0250	0270	0332	0366	0368	0388	0409	0409	0409	0411	0454
Sample ID	0244TW001	0246TW001	0250TW001	0270TW001	0332TW001	0366TW001	0368TW001	0388TW001	0409TW001	0409TW001-AVG	0409TW001-D	0411TW001	0454TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT
Event	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS
Sample Date	20080927	20080923	20080925	20081003	20080922	20080922	20080926	20080930	20080924	20080924	20080924	20080930	20080925
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132215212020	6132215214032	6132225902120	6132216800080	6132211602052	6132215214030	6132215214013	6132241001280	6132211002020	6132211002020	6132211002020	6132215202043	6132211602108
Likely Water Source	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
DI-N-OCTYL PHTHALATE	0.191 U	0.192 U	0.202 U	0.195 U	0.19 U	0.189 U	0.198 U	0.19 U	0.195 U	0.195 U	0.195 U	0.193 U	0.193 U
DIBENZO(A,H)ANTHRACENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
DIBENZOFURAN	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
DIETHYL PHTHALATE	0.191 U	0.192 U	0.202 U	0.195 U	0.19 U	0.189 U	0.198 U	0.19 U	0.195 U	0.195 U	0.195 U	0.193 U	0.193 U
DIMETHYL PHTHALATE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
DIPHENYLAMINE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
FLUORANTHENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
FLUORENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
HEXACHLOROBENZENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
HEXACHLOROBUTADIENE	0.191 U	0.192 U	0.202 U	0.195 U	0.19 U	0.189 U	0.198 U	0.19 U	0.195 U	0.195 U	0.195 U	0.193 U	0.193 U
HEXACHLOROCYCLOPENTADIENE	0.953 U	0.962 U	1.01 U	0.976 U	0.95 U	0.947 U	0.991 U	0.951 U	0.974 U	0.974 U	0.974 U	0.964 U	0.965 U
HEXACHLOROETHANE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
INDENO(1,2,3-CD)PYRENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
NAPHTHALENE	0.191 U	0.192 U	0.202 U	0.195 U	0.19 U	0.189 U	0.198 U	0.19 U	0.195 U	0.195 U	0.195 U	0.193 U	0.193 U
NITROBENZENE	0.191 U	0.192 U	0.202 U	0.195 U	0.19 U	0.189 U	0.198 U	0.19 U	0.195 U	0.195 U	0.195 U	0.193 U	0.193 U
O-TOLUIDINE	0.667 U	0.673 U	0.705 U	0.683 U	0.665 U	0.663 U	0.694 U	0.666 U	0.681 U	0.6815 U	0.682 U	0.674 U	0.675 U
PENTACHLOROBENZENE	0.191 U	0.192 U	0.202 U	0.195 U	0.19 U	0.189 U	0.198 U	0.19 U	0.195 U	0.195 U	0.195 U	0.193 U	0.193 U
PENTACHLOROPHENOL	0.286 U	0.289 U	0.302 U	0.293 U	0.285 U	0.284 U	0.297 U	0.285 U	0.292 U	0.292 U	0.292 U	0.289 U	0.289 U
PHENANTHRENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
PHENOL	0.953 U	0.962 U	1.01 U	0.976 U	0.95 U	0.947 U	0.991 U	0.951 U	0.974 U	0.974 U	0.974 U	0.964 U	0.965 U
PYRENE	0.0953 U	0.0962 U	0.101 U	0.0976 U	0.095 U	0.0947 U	0.0991 U	0.0951 U	0.0974 U	0.0974 U	0.0974 U	0.0964 U	0.0965 U
Pesticides / PCBs (ug / L)													
4,4'-DDD	0.00321 U	0.054 U	0.00315 U	0.00325 U	0.00325 U	0.0032 U	0.00324 U	0.00315 U	0.00311 U	0.003135 U	0.00316 U	0.00329 U	0.00319 U
4,4'-DDE	0.00214 U	0.00214 U	0.0021 U	0.00217 U	0.00216 U	0.00213 U	0.00216 U	0.0021 U	0.00207 U	0.00209 U	0.00211 U	0.00219 U	0.00213 U
4,4'-DDT	0.00641 U	0.00642 U	0.0063 U	0.0065 U	0.00649 U	0.0064 U	0.00648 U	0.0063 U	0.00622 U	0.00627 U	0.00632 U	0.00657 U	0.00639 U
ALDRIN	0.00214 U	0.00214 U	0.0021 U	0.00217 U	0.00216 U	0.00213 U	0.00216 U	0.0021 U	0.00207 U	0.00209 U	0.00211 U	0.00219 U	0.00213 U
ALPHA-BHC	0.00321 U	0.00321 U	0.00315 U	0.00325 U	0.00325 U	0.0032 U	0.00324 U	0.00315 U	0.00311 U	0.003135 U	0.00316 U	0.00329 U	0.00319 U
ALPHA-CHLORDANE	0.00321 U	0.00321 U	0.00315 U	0.00325 U	0.00325 U	0.0032 U	0.00324 U	0.00315 U	0.00311 U	0.003135 U	0.00316 U	0.00329 U	0.00319 U
AROCLOR-1016	0.0214 U	0.0214 U	0.021 U	0.0217 U	0.0216 U	0.0213 U	0.0216 U	0.021 U	0.0207 U	0.0209 U	0.0211 U	0.0219 U	0.0213 U
AROCLOR-1221	0.0214 U	0.0214 U	0.021 U	0.0217 U	0.0216 U	0.0213 U	0.0216 U	0.021 U	0.0207 U	0.0209 U	0.0211 U	0.0219 U	0.0213 U
AROCLOR-1232	0.0214 U	0.0214 U	0.021 U	0.0217 U	0.0216 U	0.0213 U	0.0216 U	0.021 U	0.0207 U	0.0209 U	0.0211 U	0.0219 U	0.0213 U
AROCLOR-1242	0.0214 U	0.0214 U	0.021 U	0.0217 U	0.0216 U	0.0213 U	0.0216 U	0.021 U	0.0207 U	0.0209 U	0.0211 U	0.0219 U	0.0213 U
AROCLOR-1248	0.0214 U	0.0214 U	0.021 U	0.0217 U	0.0216 U	0.0213 U	0.0216 U	0.021 U	0.0207 U	0.0209 U	0.0211 U	0.0219 U	0.0213 U
AROCLOR-1254	0.0214 U	0.0214 U	0.021 U	0.0217 U	0.0216 U	0.0213 U	0.0216 U	0.021 U	0.0207 U	0.0209 U	0.0211 U	0.0219 U	0.0213 U
AROCLOR-1260	0.0214 U	0.0214 U	0.021 U	0.0217 U	0.0216 U	0.0213 U	0.0216 U	0.021 U	0.0207 U	0.0209 U	0.0211 U	0.0219 U	0.0213 U
BETA-BHC	0.00214 U	0.00214 U	0.0021 U	0.00217 U	0.00216 U	0.00213 U	0.00216 U	0.0021 U	0.00207 U	0.00209 U	0.00211 U	0.00219 U	0.00213 U
DELTA-BHC	0.00107 U	0.00107 U	0.00105 U	0.00108 U	0.00108 U	0.00107 U	0.00108 U	0.00105 U	0.00104 U	0.001045 U	0.00105 U	0.0011 U	0.00106 U
DIELDRIN	0.00321 U	0.00321 U	0.00315 U	0.00325 U	0.00325 U	0.0032 U	0.00324 U	0.00315 U	0.00311 U	0.003135 U	0.00316 U	0.00329 U	0.00319 U
ENDOSULFAN I	0.00321 U	0.00321 U	0.00315 U	0.00325 U	0.00325 U	0.0032 U	0.00324 U	0.00315 U	0.00311 U	0.003135 U	0.00316 U	0.00329 U	0.00319 U
ENDOSULFAN II	0.00214 U	0.00214 U	0.0021 U	0.00217 U	0.00216 U	0.00213 U	0.00216 U	0.0021 U	0.00207 U	0.00209 U	0.00211 U	0.00219 U	0.00213 U
ENDOSULFAN SULFATE	0.00748 U	0.00749 U	0.00735 U	0.00758 U	0.00758 U	0.00746 U	0.00756 U	0.00735 U	0.00726 U	0.007315 U	0.00737 U	0.00767 U	0.00745 U
ENDRIN	0.00214 U	0.00214 U	0.0021 U	0.00217 U	0.00216 U	0.00213 U	0.00216 U	0.0021 U	0.00207 U	0.00209 U	0.00211 U	0.00219 U	0.00213 U
ENDRIN ALDEHYDE	0.00214 U	0.00214 U	0.0021 U	0.00217 U	0.00216 U	0.00213 U	0.00216 U	0.0021 U	0.00207 U	0.00209 U	0.00211 U	0.00219 U	0.00213 U
GAMMA-BHC (LINDANE)	0.00107 U	0.00107 U	0.00105 U	0.00108 U	0.00108 U	0.00107 U	0.00108 U	0.00105 U	0.00104 U	0.001045 U	0.00105 U	0.0011 U	0.00106 U
GAMMA-CHLORDANE	0.00214 U	0.00214 U	0.0021 U	0.00217 U	0.00216 U	0.00213 U	0.00216 U	0.0021 U	0.00207 U	0.00209 U	0.00211 U	0.00219 U	0.00213 U
HEPTACHLOR	0.00427 U	0.00428 U	0.0042 U	0.00433 U	0.00433 U	0.00426 U	0.00432 U	0.0042 U	0.00415 U	0.00418 U	0.00421 U	0.00438 U	0.00426 U
HEPTACHLOR EPOXIDE	0.00427 U	0.00428 U	0.0042 U	0.00433 U	0.00433 U	0.00426 U	0.00432 U	0.0042 U	0.00415 U	0.00418 U	0.00421 U	0.00438 U	0.00426 U
METHOXYCHLOR	0.00321 U	0.00321 U	0.00315 U	0.00325 U	0.00325 U	0.0032 U	0.00324 U	0.00315 U	0.00311 U	0.003135 U	0.00316 U	0.00329 U	0.00319 U
PENTACHLORONITROBENZENE	0.00321 U	0.00321 U	0.00315 U	0.00325 U	0.00325 U	0.0032 U	0.00324 U	0.00315 U	0.00311 U	0.003135 U	0.00316 U	0.00329 U	0.00319 U
TOXAPHENE	0.0107 U	0.0107 U	0.0105 U	0.0108 U	0.0108 U	0.0107 U	0.0108 U	0.0105 U	0.0104 U	0.01045 U	0.0105 U	0.011 U	0.0106 U
Radiological Parameters (pci / L)													
GROSS ALPHA	3.5	4.1	6.2	7.6	5.4	4.1	7.3	4.9	6.2	5.95	5.7	5.1	7.8
GROSS BETA	47	47.6	59.5	48.1	59.7	53.8	52.4	53.5	53.5	53.35	53.2	46.5	63
Inorganics (ug / L)													
ALUMINUM	2.2 U	2.63	3	2.48	4.85	2.77	6.66	2.2 U	3.67	3.375	3.08	2.2 U	3.54
ANTIMONY	0.223	0.323	0.216	0.193	0.234	0.243	0.297	0.236	0.244	0.2515	0.259	0.229	0.266
ARSENIC	6	4.76	5.35	5.67	4.82	5.09	5.52	5.11	4.63	4.82	5.01	5.45	5.54
BARIUM	6.92	4.69	7.35	3.99	7.13	3.74	6.71	6.53	6.41	6.4	6.39	5.08	6.61
BERYLLIUM	0.16	0.0449	0.211	0.135	0.162	0.131	0.133	0.148	0.12	0.1175	0.115	0.166	0.0895
CADMIUM	0.0694	0.0642	0.04 U	0.04 U	0.0831	0.0649	0.0972	0.143	0.0459	0.05095	0.056	0.25	0.108
CHROMIUM	3.41	0.499	0.675	1.81	0.775	1.15	1.01	1.31	0.948	0.84	0.732	0.478	0.15 U
COBALT	0.107	0.102	0.12	0.11	0.14	0.107	0.146	0.198	0.175	0.1575	0.14	0.111	0.169
COPPER	47.8	2470	113	7.62	74.8	14.1	624	127	1560	1148	736	1190	73.4
IRON	19.2	14	21.8	6.6	11.9	18.6	19.7	73.1	62.9	68.95	75	7.54	41.4
LEAD	0.365	1.38	0.688	0.473	1.33	0.904	1.84	2.84	1.55	1.85	2.15	3.86	2.21
MANGANESE	0.698	1.6	0.686	0.381	1.95	2.44	1.19	4.41	2.59	2.325	2.06	0.314	3.41

J-Estimated value
U-Not detected at that value
R-Rejected value

500-FOOT STEP-OUT RESIDENCES
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0244	0246	0250	0270	0332	0366	0368	0388	0409	0409	0409	0411	0454
Sample ID	0244TW001	0246TW001	0250TW001	0270TW001	0332TW001	0366TW001	0368TW001	0388TW001	0409TW001	0409TW001-AVG	0409TW001-D	0411TW001	0454TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT	POST-PHASE I 500 FT
Event	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS	RADIUS
Sample Date	20080927	20080923	20080925	20081003	20080922	20080922	20080926	20080930	20080924	20080924	20080924	20080930	20080925
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132215212020	6132215214032	6132225902120	6132216800080	6132211602052	6132215214030	6132215214013	6132241001280	6132211002020	6132211002020	6132211002020	6132215202043	6132211602108
Likely Water Source	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
MERCURY	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
NICKEL	1.94	2.09	1.68	0.651	3.16	3.05	2.87	18.2	2.44	1.975	1.51	7.77	47.3
SELENIUM	0.527	0.784	1.46	0.551	0.671	0.728	0.833	0.642	0.762	0.69	0.618	0.553	0.809
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
THALLIUM	0.126 U	0.13 U	1.21 U	0.04 U	0.04 U	0.129 U	0.04 U	0.141 U	0.357 U	0.2435 U	0.13 U	0.719 U	0.586 U
TIN	0.1 U	0.298 U	0.329	0.132	0.182 U	0.109 U	0.269 U	0.1 U	0.249 U	0.209 U	0.169 U	0.128	0.137
URANIUM	9.87	8.33	13.2	9.43	10.5	9.34	11.2	13	11.4	11.55	11.7	8.18	13.2
VANADIUM	13.2	10.9	11.9	14.1	12.6	13.7	14.1	11.6	11.2	11.7	12.2	12.9	10.3
ZINC	67.7	877	115	25.7	509	164	396	2160	662	624	586	1440	1060
Microbiological Parameters (CFU/1)													
FECAL COLIFORM	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1	1 <	1 <	3.1	1 <
FECAL STREPTOCOCCUS		10			0	0							
PLATE COUNT		290			1210	48							
TOTAL COLIFORM	4.2	53.1	2	3.1	13.7	1	3.1	6.4	32.4 J	26.55 J	20.7 J	7.5	8.7
Miscellaneous Parameters (mg/L)													
CHLORIDE	70.8	67.1	79.8	77	71.6	68.9	83.3	76.9	73.5	72.5	71.5	78.5	82.9
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.979	0.999	0.979	1.02	0.949	0.927	1.14	1.02	0.989	0.963	0.937	0.97	0.983
NITRATE	87.8 J	92.8 J	101	101 J	96	95.7	103 J	92.9 J	105	105.5	106	104 J	100
NITRITE	0.2 UR	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 UR	0.2 U	0.2 U	0.2 U	0.2 UR	0.2 U
PHOSPHATE	0.4 UR	0.4 UJ	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UR	0.4 U	0.4 U	0.4 U	0.4 UR	0.4 U
SULFATE	66	62.1	67.3	65.9	65.6	64.6	72.1	68.1	66.8	66.7	66.6	74.4	70.1
Field Parameters													
CHLORINE MG/L	0.08	0.02	0	0	0	0.02	0.06	0.02	0.02	0.02		0	0
DISSOLVED OXYGEN MG/L	5.33	6.32	4.98	5.2	4.93	4.84	4.61	3.88	6.84	6.84		6.77	4.43
OXIDATION REDUCTION POTENTIAL MV	284	309	238	294	234	86	340	271	299	299		290	310
PH S.U.	7.22	6.53	7.08	7.08	7.2	6.98	7.05	7.08	7.11	7.11		6.6	7.25
SALINITY %	0	0	0.1	0.1	0	0	0	0	0	0		0	0.1
SPECIFIC CONDUCTANCE MS/CM	1	110	1.2	1.1	1	1	1.1	0.94	1.5	1.5		0.85	1.2
TEMPERATURE C	19.86	18.6	19.74	20.1	20.5	20.5	20.41	18.88	20.19	20.19		17.18	19.67

J-Estimated value
U-Not detected at that value
R-Rejected value

1500-FOOT STEP-OUT RESIDENCES
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0234	0269	0326	0339	0343	0354	0427	1621
Sample ID	0234TW001	0269TW001	0326TW001	0339TW001	0343TW001	0354TW001	0427TW001	1621TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Sample Date	20090724	20090508	20090717	20090716	20090717	20090218	20090327	20090722
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132211600006	6132200203172	UNKNOWN	UNKNOWN	6132216803112	6132216806083	6132216804014	6132411614177
Likely Water Source	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
Volatile Organics (ug/L)								
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
ACETONE	2.35 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMOFORM	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.09 U	0.09 U	0.129 J	0.146 J	0.09 U	0.114 J	0.09 U	0.187 J
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U

J-Estimated value
U-Not detected at that value

1500-FOOT STEP-OUT RESIDENCES
TAP WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0234	0269	0326	0339	0343	0354	0427	1621
Sample ID	0234TW001	0269TW001	0326TW001	0339TW001	0343TW001	0354TW001	0427TW001	1621TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Sample Date	20090724	20090508	20090717	20090716	20090717	20090218	20090327	20090722
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132211600006	6132200203172	UNKNOWN	UNKNOWN	6132216803112	6132216806083	6132216804014	6132411614177
Likely Water Source	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	38.1	23.1	4.47	3.5	1.34	3.04	3.36	1.55
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.189 J	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.393 J
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Field Parameters								
CHLORINE (MG/L)	0	0	0	0	0	0	0	
DISSOLVED OXYGEN (MG/L)	10.15	8.53	3.91	3.96	6.55	3.34	8.47	6.82
OXIDATION REDUCTION POTENTIAL (MV)	241	229	265	264	190	304	310	249
PH (S.U.)	6.84	6.87	6.71	6.77	7.11	6.75	6.94	6.84
SALINITY (%)	0.03	0.03	0.03	0.03	0.07	0.1	0.1	0.03
SPECIFIC CONDUCTANCE (MS/CM)	1.13	4.1	1.09	1.11	2.03	1.2	1.21	1.13
TEMPERATURE (C)	26.53	20.56	22.13	22.27	28.23	13.45	13.88	24.34
TURBIDITY (NTU)	0	0	0	0	0	3	2.8	0

J-Estimated value
U-Not detected at that value

1500-FOOT STEP-OUT RESIDENCES
IRRIGATION WELL WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0225	0231	0276	0276	0276	0288
Sample ID	0225IW001	0231IW001	0276IW001	0276IW001-AVG	0276IW001-D	0288IW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Sample Date	20090608	20090107	20090306	20090306	20090306	20090302
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132200200010	6132241001104	6132211902137	6132211902137	6132211902137	6132204002065
Likely Water Source	WELL	WELL	WELL	WELL	WELL	WELL
Volatile Organics (ug/L)						
ACETONE	1 U	1 U	1 U	0.86 J	1.22 J	1 U
CHLOROFORM	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.108 J	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	4.74	30	3.04	2.98	2.92	8.32
TRICHLOROETHENE	0.13 U	0.171 J	0.13 U	0.13 U	0.13 U	0.269 J
Field Parameters						
CHLORINE MG/L	0	0	0.02	0.02		0
CONDUCTIVITY MS/CM	6	0.75	8.95	8.95		5.5
DISSOLVED OXYGEN MG/L	218	276	325	325		258
OXIDATION REDUCTION POTENTIAL MV	7.31	6.88	7.5	7.5		7.1
PH S.U.	0.03	0.1	0.1	0.1		0.1
SALINITY %	1.12	1.2	1.26	1.26		1.3
SPECIFIC CONDUCTANCE MS/CM	25.02	11.26	13.46	13.46		14.02
TEMPERATURE C	0	32	6.5	6.5		5

J-Estimated value
U-Not detected at that value

1500-FOOT STEP-OUT RESIDENCES
IRRIGATION WELL WATER CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	0416	0436	0462
Sample ID	0416IW001	0436IW001	0462IW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	1500 FT STEP OUT	1500 FT STEP OUT	1500 FT STEP OUT
Sample Date	20090227	20090217	20090224
Study Area	STUDY AREA 08	STUDY AREA 08	STUDY AREA 08
Premise ID	6132200202184	6132200226002	6132237501008
Likely Water Source	WELL	WELL	WELL
Volatile Organics (ug/L)			
ACETONE	1 U	1 U	1 U
CHLOROFORM	0.09 U	0.106 J	0.09 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	45.6	9.34	0.1 U
TRICHLOROETHENE	0.138 J	0.132 J	0.13 U
Field Parameters			
CHLORINE MG/L	0	0	0
CONDUCTIVITY MS/CM	6.78	5.42	8.58
DISSOLVED OXYGEN MG/L	345	313	326
OXIDATION REDUCTION POTENTIAL MV	7.63	6.74	6.99
PH S.U.	0.1	0.1	0.1
SALINITY %	0.765	1.27	1.19
SPECIFIC CONDUCTANCE MS/CM	16.1	12.29	15.12
TEMPERATURE C	4.5	5.7	29

J-Estimated value
U-Not detected at that value

VILLA LITERNO RESIDENCES

SOIL GAS DATA

WATER DATA

AMBIENT AIR DATA

VILLA LITERNO RESIDENCES
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1751	1756	1766	1771
Sample ID	1751SG001	1756SG001	1766SG001	1771SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090708	20090616	20090518	20090611
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6131224406087	6131222602002	6131826808007	6131222602080
Likely Water Source	WELL	WELL	WELL	WELL
Volatile Organics (ug/m3)				
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	0.464	0.21 J	2.35	0.381
1,1,2,2-TETRACHLOROETHANE	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	1.4	0.782	0.573	0.841
1,1-DICHLOROETHANE	0.177 J	0.05 U	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.173 J	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	0.623 U	0.578	0.429	0.672 U
1,2,4-TRIMETHYLBENZENE	0.69	0.284	1.19	3.72
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.369	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	0.363 U	0.1 U	0.1 U	0.233 U
1,2-DICHLOROETHANE	0.246	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.238	0.09 U	0.09 U	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.376	0.195 J	0.05 U	1.26
1,3-BUTADIENE	0.49 U	0.536 J	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.366 U	0.211	0.09 U	0.243 U
1,4-DICHLOROBENZENE	0.357 U	0.215	0.09 U	0.231 U
2-BUTANONE	4.42	1.74	1.87	5.67
ACETALDEHYDE	15.1	19.1	33.3	9.7
ACETONE	46.2	17.4	10.7	29.2
ACETONITRILE	0.83	0.38 U	0.38 U	0.38 U
ACETOPHENONE	1.02 U	1.19 J	5.35	1.02 U
ACROLEIN	0.495 J	1.2	2.45	0.41 U
ACRYLONITRILE	0.226 J	0.2 U	0.2 U	0.2 U
BENZENE	2.41	1.41	0.209	13.9
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.317	0.163 J	0.15 U	0.15 U
BROMOFORM	0.445	0.11 U	0.11 U	0.11 U
BROMOMETHANE	0.2 J	0.105 J	0.07 U	0.07 U
CARBON DISULFIDE	0.992	1.11	1.86	1.29
CARBON TETRACHLORIDE	0.291 J	0.171 J	0.13 U	0.357
CHLOROBENZENE	0.274	0.268	0.04 U	0.193 J
CHLORODIBROMOMETHANE	0.24 U	0.24 U	0.24 U	0.24 U
CHLOROETHANE	0.11 U	0.11 U	0.11 U	0.11 U
CHLOROFORM	3.22	0.952	0.817	1.35
CHLOROMETHANE	0.253	0.218	0.07 U	0.07 U

J-Estimated value
U-Not detected at that value

VILLA LITERNO RESIDENCES
SOIL GAS CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1751	1756	1766	1771
Sample ID	1751SG001	1756SG001	1766SG001	1771SG001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090708	20090616	20090518	20090611
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6131224406087	6131222602002	6131826808007	6131222602080
Likely Water Source	WELL	WELL	WELL	WELL
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.191 J	0.04 U	0.04 U	0.04 U
CYCLOHEXANE	0.604	0.212	0.874	0.11 U
DIBROMOMETHANE	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	6.59	1.75	3.31	55.6
ETHYLBENZENE	7.03	1.12	0.03 U	5.03
HEXACHLOROBUTADIENE	0.664	0.552	0.24 U	0.691 U
HEXACHLOROETHANE	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	0.668	0.518	0.468	28
ISOBUTANOL	1.77	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.165 J	0.07 U	0.07 U	0.533
M+P-XYLENES	4.36	1.03	0.408	7.8
METHYL ACETATE	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	0.494	0.08 U	1.25	1.87
METHYL TERT-BUTYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	0.319	1.25	0.837	0.485
NAPHTHALENE	0.22 U	0.488	1.14	0.342 U
O-XYLENE	2.24	0.522	0.06 U	3.69
PENTACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	16.8	0.605	0.07 U	0.07 U
TETRACHLOROETHENE	170	288	3.09	34.1
TOLUENE	4.22	1.71	0.722	17.6
TRANS-1,2-DICHLOROETHENE	0.18 J	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.22	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.311	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	10.3	3.07	17.8	468
VINYL ACETATE	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U	0.07 U

J-Estimated value
U-Not detected at that value

VILLA LITERNO RESIDENCES
WATER SAMPLE CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1751	1756	1766	1766-PBL	1771
Sample ID	1751TW001	1756TW001	1766IW001	1766TW001	1771TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090708	20090616	20090518	20090518	20090611
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09
Premise ID	6131224406087	6131222602002	6131826808007	6131826808007	6131222602080
Likely Water Source	WELL	WELL	WELL	PUBLIC	WELL
Dioxins/Furans (NG/L)					
1,2,3,4,6,7,8,9-OCDD	0.0018 U	0.0021 U	0.0011 U	0.0012 U	0.0076 U
1,2,3,4,6,7,8,9-OCDF	0.001 U	0.0026 U	0.00093 U	0.00092 U	0.003 U
1,2,3,4,6,7,8-HPCDD	0.0011 U	0.0015 U	0.0007 U	0.0014 U	0.0022 U
1,2,3,4,6,7,8-HPCDF	0.0011 U	0.0017 U	0.0011 U	0.00057 U	0.0013 U
1,2,3,4,7,8,9-HPCDF	0.00028 U	0.00034 U	0.00074 U	0.00052 U	0.00081 J
1,2,3,4,7,8-HXCDD	0.00031 U	0.00015 U	0.00031 J	0.00033 U	0.00043 U
1,2,3,4,7,8-HXCDF	0.00033 U	0.00068 U	0.0007 U	0.00043 U	0.000455 U
1,2,3,6,7,8-HXCDD	0.00026 U	0.00027 U	0.00022 J	0.00026 J	0.00053 U
1,2,3,6,7,8-HXCDF	0.00035 U	0.00046 U	0.00022 U	0.00024 U	0.000383 U
1,2,3,7,8,9-HXCDD	0.00026 U	0.00039 U	0.00022 U	0.000284 U	0.00034 J
1,2,3,7,8,9-HXCDF	0.00024 U	0.00056 J	0.00041 J	0.00035 J	0.000503 U
1,2,3,7,8-PECDD	0.000424 U	0.00041 U	0.00034 U	0.0005 J	0.000503 U
1,2,3,7,8-PECDF	0.0004 U	0.00034 U	0.00041 U	0.00026 U	0.00029 J
2,3,4,6,7,8-HXCDF	0.000212 U	0.00044 U	0.00043 J	0.000283 U	0.000455 U
2,3,4,7,8-PECDF	0.00068 U	0.0014 U	0.00058 U	0.00045 U	0.000311 U
2,3,7,8-TCDD	0.00026 J	0.00032 U	0.00031 J	0.000283 U	0.00034 U
2,3,7,8-TCDF	0.00052 J	0.001 U	0.00065 U	0.00064 U	0.00053 J
TEQ	0.000312	0.000056	0.000447	0.000561	0.000104
TOTAL HPCDD	0.0023 J	0.0018 J	0.0007 J	0.0014 J	0.0022 J
TOTAL HPCDF	0.0019 J	0.0026 J	0.0018 J	0.0011 J	0.0021 J
TOTAL HXCDD	0.0015 J	0.00078 J	0.0007 U	0.000874 U	0.0013 J
TOTAL HXCDF	0.00097 J	0.0021 J	0.0017 J	0.0012 J	0.0018 U
TOTAL PECDD	0.0013 J	0.00041 J	0.00034 U	0.0005 J	0.000503 U
TOTAL PECDF	0.0011 J	0.0017 J	0.00098 J	0.00064 J	0.0006 U
TOTAL TCDD	0.00064 U	0.00068 J	0.000862 U	0.00085 U	0.001005 U
TOTAL TCDF	0.00059 J	0.0013 J	0.0007 J	0.00078 J	0.00074 J
Volatile Organics (UG/L)					
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

J-Estimated value
U-Not detected at that value

VILLA LITERNO RESIDENCES
WATER SAMPLE CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1751	1756	1766	1766-PBL	1771
Sample ID	1751TW001	1756TW001	1766IW001	1766TW001	1771TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090708	20090616	20090518	20090518	20090611
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09
Premise ID	6131224406087	6131222602002	6131826808007	6131826808007	6131222602080
Likely Water Source	WELL	WELL	WELL	PUBLIC	WELL
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	2 U	2 U	2 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMOFORM	1.82	0.06 U	0.06 U	3.14	0.06 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.1 U	0.1 U	0.1 U	1.65	0.1 U
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.227 J	0.119 J	0.09 U	0.09 U	0.123 J
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U

J-Estimated value
U-Not detected at that value

VILLA LITERNO RESIDENCES
WATER SAMPLE CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1751	1756	1766	1766-PBL	1771
Sample ID	1751TW001	1756TW001	1766IW001	1766TW001	1771TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090708	20090616	20090518	20090518	20090611
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09
Premise ID	6131224406087	6131222602002	6131826808007	6131826808007	6131222602080
Likely Water Source	WELL	WELL	WELL	PUBLIC	WELL
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	20.9	15.4	1.55	0.1 U	9.91
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.141 J	0.219 J	0.295 J	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Radiological Parameters (PCI/L)					
GROSS ALPHA	5.35 J	5.13	5.21	2.81 U	6.71
GROSS BETA	35.4	39	35.5	11.9	42.9
Inorganics (UG/L)					
ALUMINUM	5.15	2.96	52.6	3.67	4.78
ANTIMONY	0.154	0.224	0.14 U	0.14 U	0.233
ARSENIC	5.56	8.49	3.61	6.33	9.25
BARIUM	9.53	7.75	6.05	16.4	9.9
BERYLLIUM	0.179 U	0.141 J	0.156	0.187	0.169
CADMIUM	0.04 U	0.04 U	0.04 U	0.625	0.134
CHROMIUM	0.156	0.178 J	0.262	0.57	0.25
COBALT	0.316	0.193 J	0.13	0.0538	0.501
COPPER	39.3	211	21.9	157	223
IRON	111	73.9 J	36.1	15.5	15.6
LEAD	1.48	0.841 U	2.63	11.4	2.8
MANGANESE	2.53	0.132 U	3.72	0.56	0.103 U
MERCURY	0.015 U	0.015 U	0.031	0.04	0.015 U
NICKEL	66.9	0.171 U	51	3.14	2.95
SELENIUM	0.294	0.417	0.706	0.2 U	0.313
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
THALLIUM	0.04 U	0.04 U	0.04 U	0.04 U	0.0653
TIN	0.259	0.34	0.144	0.1 U	0.496
URANIUM	5.94	15.7	31.8	2.5	17.2
VANADIUM	4	12.5 J	5.55	8.3	12.6
ZINC	109	19 J	17900	4860	688
Inorganics (MG/L)					
CALCIUM	124	101	93.3	118	125
MAGNESIUM	22.5	23.2	25.9	18.4	26.2
POTASSIUM	23.7	44.6	41.6	14.9	44.7
SODIUM	44.2	66	80.6	17.6	81.9
Microbiological Parameters					
FECAL COLIFORM (CFU/100)			1 <	1 <	1 <
TOTAL COLIFORM (CFU/100)			201 >	1 <	1 <

J-Estimated value
U-Not detected at that value

VILLA LITERNO RESIDENCES
WATER SAMPLE CONCENTRATIONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1751	1756	1766	1766-PBL	1771
Sample ID	1751TW001	1756TW001	1766IW001	1766TW001	1771TW001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Sample Date	20090708	20090616	20090518	20090518	20090611
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 09
Premise ID	6131224406087	6131222602002	6131826808007	6131826808007	6131222602080
Likely Water Source	WELL	WELL	WELL	PUBLIC	WELL
Miscellaneous Parameters (MG/L)					
CHLORIDE	82.5	87	89.7	15.5	99.4
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	1.02	1.06	1.11	0.658	1
NITRATE	91 J	84	81.2	6.83	88.6 J
NITRITE	0.2 UR	0.2 U	0.705	0.2 U	0.2 U
PHOSPHATE	0.4 UR	0.4 U	0.4 U	0.4 U	0.4 U
SULFATE	65.1	64.8	59.1	6.71	74
Field Parameters					
CHLORINE (MG/L)	0.08	0	0	0.1	0
DISSOLVED OXYGEN (MG/L)	8.79	9.45	7.97	6.67	7.78
OXIDATION REDUCTION POTENTIAL (MV)	347	151	180	209	257
PH (S.U.)	6.89	6.99	6.98	7.18	6.82
SALINITY (%)	0.02	0.03	0.03	0.02	0.04
SPECIFIC CONDUCTANCE (MS/CM)	0.845	1.12	0.983	0.658	1.27
TEMPERATURE (C)	18.87	19.48	25.27	29.12	20.31
TURBIDITY (NTU)	0	0	9.4	0	0.2

J-Estimated value
U-Not detected at that value

VILLA LITERNO AMBIENT AIR CONCENTRATONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1751	1756	1771
Sample ID	1751AA001	1756AA001	1771AA001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II
Sample Date	20090708	20090616	20090611
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6131224406087	6131222602002	6131222602080
Likely Water Source	WELL	WELL	WELL
Volatile Organics (ug/m3)			
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.437	0.18 U
1,1,1-TRICHLOROETHANE	0.231 J	0.15 U	0.195 J
1,1,2,2-TETRACHLOROETHANE	0.3	0.04 U	0.193
1,1,2-TRICHLOROETHANE	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.857	0.834	0.817
1,1-DICHLOROETHANE	0.165 J	0.05 U	0.05 U
1,1-DICHLOROETHENE	0.152 J	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U	0.532 J	0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U	0.381	0.07 U
1,2,4-TRICHLOROBENZENE	0.19 U	0.656	0.574 U
1,2,4-TRIMETHYLBENZENE	0.838	0.193 J	0.292
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U	0.6	0.1 U
1,2-DIBROMOETHANE	0.282	0.12 U	0.178 J
1,2-DICHLOROBENZENE	0.248 U	0.237	0.219 U
1,2-DICHLOROETHANE	0.235	0.216	0.206
1,2-DICHLOROPROPANE	0.343	0.271	0.176 J
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.386	0.156 J	0.174 J
1,3-BUTADIENE	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	0.242 U	0.223	0.204 U
1,4-DICHLOROBENZENE	0.239 U	0.226	0.206 U
2-BUTANONE	1.84	1.34	0.796
ACETALDEHYDE	21.2	11	5.27
ACETONE	17.7	13.4	7.55
ACETONITRILE	0.38 U	0.47 J	0.38 U
ACETOPHENONE	1.02 U	1.02 U	1.02 U
ACROLEIN	0.691 J	0.658 J	0.41 U
ACRYLONITRILE	0.2 U	0.2 U	0.2 U
BENZENE	0.731	0.252	0.349
BIS(2-CHLOROETHYL)ETHER	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE	0.222 J	0.15 U	0.153 J
BROMOFORM	0.11 U	0.11 U	0.231 J
BROMOMETHANE	0.248	0.142 J	0.07 U
CARBON DISULFIDE	0.186 J	0.143 J	0.117 J
CARBON TETRACHLORIDE	0.702	0.748	0.717
CHLOROBENZENE	0.207	0.18 J	0.162 J
CHLORODIBROMOMETHANE	0.257 J	0.24 U	0.24 U
CHLOROETHANE	0.156 J	0.11 U	0.11 U
CHLOROFORM	0.286	0.11 U	0.198 J
CHLOROMETHANE	1.76	1.51	1.45

J-Estimated value
U-Not detected at that value

VILLA LITERNO AMBIENT AIR CONCENTRATONS
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	1751	1756	1771
Sample ID	1751AA001	1756AA001	1771AA001
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE II	PHASE II	PHASE II
Sample Date	20090708	20090616	20090611
Study Area	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6131224406087	6131222602002	6131222602080
Likely Water Source	WELL	WELL	WELL
CIS-1,2-DICHLOROETHENE	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.158 J	0.04 U	0.0975 J
CYCLOHEXANE	0.55	0.11 U	0.11 U
DIBROMOMETHANE	0.15 U	0.471	0.15 U
DICHLORODIFLUOROMETHANE	3.13	2.89	3.07
ETHYLBENZENE	1.06	0.188 J	0.272
HEXACHLOROBUTADIENE	0.627	0.515	0.578 U
HEXACHLOROETHANE	0.07 U	0.498	0.07 U
HEXANE	1.19	0.17 U	0.17 U
ISOBUTANOL	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	0.07 U	0.273	0.07 U
M+P-XYLENES	4.23	0.441	0.723
METHYL ACETATE	0.27 U	0.346 J	0.27 U
METHYL CYCLOHEXANE	0.505	0.217	0.08 U
METHYL TERT-BUTYL ETHER	0.767	0.17 U	0.227 J
METHYLENE CHLORIDE	1.41	0.616	0.367
NAPHTHALENE	0.22 U	0.461	0.22 U
O-XYLENE	1.1	0.186 J	0.281
PENTACHLOROETHANE	0.25 U	0.445 J	0.25 U
STYRENE	0.619	0.14 J	0.152 J
TETRACHLOROETHENE	1.45 U	1.45 U	1.45 U
TOLUENE	5.91	0.692	0.849
TRANS-1,2-DICHLOROETHENE	0.159 J	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.163 J	0.07 U	0.109 J
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U	0.341 J	0.17 U
TRICHLOROETHENE	0.184 J	0.161 J	0.17 J
TRICHLOROFLUOROMETHANE	1.66	1.66	1.69
VINYL ACETATE	0.138 J	0.11 U	0.11 U
VINYL CHLORIDE	0.07 U	0.07 U	0.07 U

J-Estimated value
U-Not detected at that value

PHASE I RESIDENCES SAMPLED FOR PASSIVE SOIL GAS AND ACTIVE SOIL GAS

SOIL GAS DATA

RESIDENCES WITH PASSIVE AND ACTIVE SOIL GAS ANALYTES
PHASE II ENVIRONMENTAL TESTING ASESSMENT SUPPORT
NSA NAPLES, ITALY

Location	0199	0199	0238	0238	0548	0548	0548	0548	0548	0548	0548
Sample ID	0199SG0010018	0199SG002	0238SG0010018	0238SG002	0548SG0010018	0548SG002	0548SG003	0548SG003-AVG	0548SG003-D	0548SG004	0548SG004-AVG
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE I-RESAMPLE
Sample Date	20080709	20090328	20080616	20090401	20080717	20090401	20090610	20090610	20090610	20090610	20090610
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 08	STUDY AREA 08	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6113605004110	6113605004110	6132237501010	6132237501010	6113903102136	6113903102136	6113903102136	6113903102136	6113903102136	6113903102136	6113903102136
Likely Water Source	PUBLIC	PUBLIC	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
Blank Cells indicate that parameter was not analyzed.											
Volatile Organics (ug/m3)											
1,1,1,2-TETRACHLOROETHANE	0.962858 U	0.18 U	0.962858 U	0.18 U	0.962858 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	1.786984 U	0.953	1.786984 U	0.15 U	1.786984 U	0.15 U	0.608	0.5965	0.585	0.283 J	0.2745 J
1,1,2,2-TETRACHLOROETHANE	2.791239 U	0.04 U	2.791239 U	0.04 U	2.791239 U	0.04 U	0.04 U	0.04 U	0.04 U	0.161 J	0.0905 J
1,1,2-TRICHLOROETHANE	6.87281 U	0.08 U	6.87281 U	0.08 U	6.87281 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE		0.08 U		0.776		0.08 U	0.865	0.8505	0.836	0.833	0.8105
1,1-DICHLOROETHANE	3.956043 U	0.05 U	3.956043 U	0.05 U	3.956043 U	0.05 U	0.37	0.3725	0.375	0.05 U	0.05 U
1,1-DICHLOROETHENE	5.787206 U	0.1 U	5.787206 U	0.1 U	5.787206 U	3.06	0.882	0.8465	0.811	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE		0.4 U		0.4 U		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE		0.07 U		0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE		1.26		0.19 U		0.19 U	0.577 U	0.58 U	0.583 U	0.495 U	0.5165 U
1,2,4-TRIMETHYLBENZENE	1.198904 U	0.936	1.198904 U	0.05 U	1.198904 U	3.96	0.21	0.192 J	0.174 J	0.491	0.434
1,2-DIBROMO-3-CHLOROPROPANE		0.1 U		0.1 UR		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE		0.12 U		0.12 U		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.1095 J
1,2-DICHLOROBENZENE	10.181865 U	0.1 U	10.181865 U	0.1 U	10.181865 U	0.1 U	0.198 J	0.1955 J	0.193 J	0.1 U	0.1275
1,2-DICHLOROETHANE	0.542267 U	0.1 U	0.542267 U	0.1 U	0.542267 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE		0.09 U		0.09 U		0.09 U	1.05	1.045	1.04	0.09 U	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE		0.26 U		0.26 U		0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	0.860297 U	0.34	0.860297 U	0.05 U	0.860297 U	0.187 J	0.142 J	0.135 J	0.128 J	0.22	0.201 J
1,3-BUTADIENE		0.49 U		0.49 U		0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,3-DICHLOROBENZENE	1.680145 U	0.09 U	1.680145 U	0.09 U	1.680145 U	0.09 U	0.271	0.2615	0.252	0.09 U	0.09 U
1,4-DICHLOROBENZENE	1.866344 U	0.09 U	1.866344 U	0.09 U	1.866344 U	0.09 U	0.25	0.2475	0.245	0.192 J	0.2 J
2-BUTANONE		1.36		1.11		1.26	11.1	11.3	11.5	3.17	3.82
2-METHYLNAPHTHALENE	0.9436 U		0.9436 U		0.9436 U						
ACENAPHTHENE	1.347673 U		1.347673 U		1.347673 U						
ACENAPHTHYLENE	3.680355 U		3.680355 U		3.680355 U						
ACETALDEHYDE		24.2		33.9		40.2	8.55	9.775	11	19 J	33.65 J
ACETONE		13.6		8.9		16.5	57.3	59.9	62.5	14	16.05
ACETONITRILE		0.38 U		0.38 U		0.38 U	2.21	2.235	2.26	0.38 U	0.79
ACETOPHENONE		1.02 U		1.02 U		1.95 J	1.02 U	1.02 U	1.02 U	8.14	9.12
ACROLEIN		0.41 U		0.41 U		0.41 U	1.01	0.9715	0.933	0.674 J	0.982 J
ACRYLONITRILE		0.2 U		0.2 U		0.2 U	2.72	2.645	2.57	0.2 U	0.2 U
ANTHRACENE	2.090164 U		2.090164 U		2.090164 U						
BENZENE	0.642986 U	0.511	0.642986 U	0.522	0.642986 U	2.64	0.76	0.7575	0.755	0.404	0.383
BIS(2-CHLOROETHYL)ETHER		0.16 U		0.16 U		0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
BROMODICHLOROMETHANE		0.15 U		0.15 U		595	58.9	61.55	64.2	0.154 J	0.16 J
BROMOFORM		0.11 U		0.11 U		0.11 UJ	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOMETHANE		0.07 U		0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CARBON DISULFIDE		0.407		1.86		2.21	0.629	0.6225	0.616	0.283	0.282
CARBON TETRACHLORIDE	3.514017 U	0.13 U	3.514017 U	0.13 U	3.514017 U	52.8	25.4	24.8	24.2	7.88	7.835
CHLOROBENZENE	2.21646 U	0.04 U	2.21646 U	0.04 U	2.21646 U	0.757	0.216	0.221	0.226	0.128 J	0.1295 J
CHLORODIBROMOMETHANE		0.24 U		0.24 U		21.2	2.21	2.205	2.2	0.24 U	0.24 U
CHLOROETHANE		0.11 U		0.11 U		4.47	2.71	2.76	2.81	0.11 U	0.11 U
CHLOROFORM	6.962589	1.23	3.393123 U	9.07	3.393123 U	30800	6500	6730	6960	1.86	1.85
CHLOROMETHANE		0.07 U		0.07 U		0.07 U	0.228	0.229	0.23	0.07 U	0.09 J
CIS-1,2-DICHLOROETHENE	1.600686 U	0.09 U	1.600686 U	0.817	1.600686 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CIS-1,3-DICHLOROPROPENE		0.04 U		0.04 U		0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CYCLOHEXANE		0.11 U		0.11 U		0.11 U	0.365	0.3805	0.396	0.11 U	0.11 U
DIBROMOMETHANE		0.15 U		0.15 U		0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE		4.14		3.66		2.87	4.03	4.025	4.02	3.66	3.485
ETHYLBENZENE	1.481989 U	1.72	1.481989 U	1.65	1.562712	54.4	0.299	0.278	0.257	2.21	2.165
FLUORANTHENE	2.090164 U		2.090164 U		2.090164 U						
FLUORENE	2.086228 U		2.086228 U		2.086228 U						
HEXACHLOROBUTADIENE		0.24 U		0.24 U		0.24 U	0.46 U	0.4665 U	0.473 U	0.482 U	0.5125 U
HEXACHLOROETHANE		0.07 U		0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE		0.825		0.314		0.525	0.49	0.595	0.7	0.214 J	0.2 J
ISOBUTANOL		0.46 U		0.46 U		0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE		0.07 U		0.07 U		1.08 J	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
M+P-XYLENES	1.643796 U	2.62	1.643796 U	1.18	6.066664	29.2	0.553	0.525	0.497	1.83	1.675
METHYL ACETATE		0.27 U		0.27 U		0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE		20		0.08 U		6.72	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	1.078881 U	0.17 U	1.078881 U	0.17 U	1.078881 U	3.58	2.9	2.81	2.72	0.17 U	0.17 U
METHYLENE CHLORIDE		0.08 U		0.08 U		39.2	8.09	8.205	8.32	0.138 J	0.089 J
NAPHTHALENE	2.138585 U	1.45	2.138585 U	0.22 U	2.138585 U	2.37	0.22 U	0.22 U	0.22 U	0.274 J	0.292 J
O-XYLENE	1.322952 U	1.17	1.322952 U	0.533	2.092518	12.3	0.234	0.2205	0.207	0.741	0.717
OCTANE	1.253153 U		1.253153 U		1.253153 U						
PENTACHLOROETHANE		0.25 U		0.25 U		0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
PENTADECANE	1.0992		4.207352		3.389151						
PHENANTHRENE	2.090164 U		2.090164 U		2.090164 U						
PYRENE	2.090164 U		2.090164 U		2.090164 U						

J-Estimated value
U-Not detectd at that value
R-Rejected value

RESIDENCES WITH PASSIVE AND ACTIVE SOIL GAS ANALYTES
PHASE II ENVIRONMENTAL TESTING ASESSMENT SUPPORT
NSA NAPLES, ITALY

Location	0199	0199	0238	0238	0548	0548	0548	0548	0548	0548	0548
Sample ID	0199SG0010018	0199SG002	0238SG0010018	0238SG002	0548SG0010018	0548SG002	0548SG003	0548SG003-AVG	0548SG003-D	0548SG004	0548SG004-AVG
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE I-RESAMPLE	PHASE I-RESAMPLE
Sample Date	20080709	20090328	20080616	20090401	20080717	20090401	20090610	20090610	20090610	20090610	20090610
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 08	STUDY AREA 08	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06
Premise ID	6113605004110	6113605004110	6132237501010	6132237501010	6113903102136	6113903102136	6113903102136	6113903102136	6113903102136	6113903102136	6113903102136
Likely Water Source	PUBLIC	PUBLIC	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
Blank Cells indicate that parameter was not analyzed.											
STYRENE		7.08		5.88		325	0.272	0.2015 J	0.131 J	4.48	4.56
TETRACHLOROETHENE	2.26079 U	179	116.01873	1690	2.26079 U	261	102	104.5	107	68.8	70.05
TOLUENE	0.659774 U	6.16	0.659774 U	1.44	0.695711	10.2	1.31	1.335	1.36	1.05	1.14
TRANS-1,2-DICHLOROETHENE	1.655093 U	0.11 U	1.655093 U	0.11 U	1.655093 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE		0.07 U		0.07 U		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRANS-1,4-DICHLORO-2-BUTENE		0.17 U		0.17 U		0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
TRICHLOROETHENE	0.634021 U	0.08 U	0.634021 U	37.7	0.634021 U	1.71	1.35	1.335	1.32	0.125 J	0.0825 J
TRICHLOROFLUOROMETHANE		143		24.4		35.7	25	24.8	24.6	13.8	13.7
TRIDECANE	1.005251 U		8.322249		3.18002						
UNDECANE	1.007079 U		3.848022		1.007079 U						
VINYL ACETATE		0.11 U		0.11 U		0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
VINYL CHLORIDE	8.176523 U	0.07 U	8.176523 U	0.07 U	8.176523 U	4.7	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Petroleum Hydrocarbons (ug/m3)											
TPH (C03-C20)	41.758953		2438.7503		302.79227						

J-Estimated value
U-Not detectd at that value
R-Rejected value

RESIDENCES WITH PASSIVE AND ACTIVE SOIL GAS ANALYTES
PHASE II ENVIRONMENTAL TESTING ASESSMENT SUPPORT
NSA NAPLES, ITALY

Location	0548	0831	0831	0949	0949	1151	1151	1157	1157
Sample ID	0548SG004-D	0831SG0010018	0831SG002	0949SG0010018	0949SG002	1151SG0010018	1151SG002	1157SG0010018	1157SG002
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE
Sample Date	20090610	20080723	20090421	20080716	20090415	20080715	20090326	20080701	20090406
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6113903102136	6111204602152	6111204602152	6322768324424	6322768324424	6322980432300	6322980432300	6322979007220	6322979007220
Likely Water Source	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Blank Cells indicate that parameter was not analy									
Volatile Organics (ug/m3)									
1,1,1,2-TETRACHLOROETHANE	0.18 U	0.962858 U	0.18 U	0.962858 U	0.18 U	0.962858 U	0.18 U	0.962858 U	0.18 U
1,1,1-TRICHLOROETHANE	0.266 J	1.481766	8.22	1.786984 U	0.15 U	1.786984 U	2.27	1.786984 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.04 UJ	2.791239 U	0.04 U	2.791239 U	0.04 U	2.791239 U	0.04 U	2.791239 U	0.04 U
1,1,2-TRICHLOROETHANE	0.08 U	6.87281 U	0.08 U	6.87281 U	0.08 U	6.87281 U	0.08 U	6.87281 U	0.08 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.788		4.78		0.08 U		2.22		0.656
1,1-DICHLOROETHANE	0.05 U	3.956043 U	0.05 U	3.956043 U	0.05 U	3.956043 U	0.05 U	3.956043 U	0.05 U
1,1-DICHLOROETHENE	0.1 U	5.787206 U	0.1 U	5.787206 U	0.1 U	5.787206 U	0.1 U	5.787206 U	0.1 U
1,2,3-TRICHLOROBENZENE	0.4 U		0.4 U		0.4 U		0.4 U		0.4 U
1,2,3-TRICHLOROPROPANE	0.07 U		0.07 U		0.07 U		0.07 U		0.07 U
1,2,4-TRICHLOROBENZENE	0.538 U		0.19 U		0.19 U		3.59		0.19 U
1,2,4-TRIMETHYLBENZENE	0.377	1.198904 U	2.31	1.198904 U	0.05 U	1.198904 U	0.05 U	1.198904 U	0.05 U
1,2-DIBROMO-3-CHLOROPROPANE	0.1 U		0.1 U		0.1 U		0.1 U		0.1 U
1,2-DIBROMOETHANE	0.159 J		0.12 U		0.12 U		0.12 U		0.12 U
1,2-DICHLOROBENZENE	0.205	10.181865 U	0.1 U	10.181865 U	0.1 U	10.181865 U	0.1 U	10.181865 U	0.1 U
1,2-DICHLOROETHANE	0.1 U	0.542267 U	0.1 U	0.542267 U	0.1 U	0.542267 U	0.1 U	0.542267 U	0.1 U
1,2-DICHLOROPROPANE	0.09 U		0.09 U		0.09 U		4.25		0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	0.26 U		0.26 U		0.26 U		0.26 U		0.26 U
1,3,5-TRIMETHYLBENZENE	0.182 J	0.860297 U	0.697	0.860297 U	0.05 U	0.860297 U	0.05 U	0.860297 U	0.05 U
1,3-BUTADIENE	0.49 U		0.49 U		0.49 U		0.49 U		0.49 U
1,3-DICHLOROBENZENE	0.09 U	1.680145 U	0.09 U	1.680145 U	0.09 U	1.680145 U	0.09 U	1.680145 U	0.09 U
1,4-DICHLOROBENZENE	0.208	1.866344 U	0.09 U	1.866344 U	0.09 U	1.866344 U	0.09 U	1.866344 U	0.09 U
2-BUTANONE	4.47		2.28		0.889		6.13		0.33 U
2-METHYLNAPHTHALENE		0.9436 U		0.9436 U		0.9436 U		0.9436 U	
ACENAPHTHENE		1.347673 U		1.347673 U		1.347673 U		1.347673 U	
ACENAPHTHYLENE		3.680355 U		3.680355 U		3.680355 U		3.680355 U	
ACETALDEHYDE	48.3 J		39.3		19.9		171		18.9
ACETONE	18.1		14.1		5.5		41.6		4.06
ACETONITRILE	1.39		0.38 U		0.38 U		0.38 U		0.38 U
ACETOPHENONE	10.1		1.02 U		15.1		1.02 U		1.02 U
ACROLEIN	1.29		0.41 U		0.41 U		5.77		0.41 U
ACRYLONITRILE	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U
ANTHRACENE		2.090164 U		2.090164 U		2.090164 U		2.090164 U	
BENZENE	0.362	0.642986 U	4.38	0.642986 U	1.92	0.642986 U	0.404	0.642986 U	0.172 J
BIS(2-CHLOROETHYL)ETHER	0.16 U		0.16 U		0.16 U		0.16 U		0.16 U
BROMODICHLOROMETHANE	0.166 J		0.15 U		0.15 U		0.15 U		0.15 U
BROMOFORM	0.11 U		0.11 U		0.11 U		0.11 U		0.11 U
BROMOMETHANE	0.07 U		0.07 U		0.07 U		0.07 U		0.07 U
CARBON DISULFIDE	0.281		1.12		0.935		1.78		0.628
CARBON TETRACHLORIDE	7.79	3.514017 U	0.13 U	3.514017 U	0.13 U	3.514017 U	0.13 U	3.514017 U	0.13 U
CHLOROBENZENE	0.131 J	2.21646 U	0.04 U	2.21646 U	0.04 U	2.21646 U	0.04 U	2.21646 U	0.04 U
CHLORODIBROMOMETHANE	0.24 U		0.24 U		0.24 U		0.24 U		0.24 U
CHLOROETHANE	0.11 U		0.11 U		0.11 U		0.11 U		0.11 U
CHLOROFORM	1.84	3.393123 U	4.44	3.393123 U	0.11 U	506.60625	6.23	6.327425	0.11 U
CHLOROMETHANE	0.145 J		0.07 U		0.07 U		0.07 U		0.07 U
CIS-1,2-DICHLOROETHENE	0.09 U	1.600686 U	0.09 U	1.600686 U	0.09 U	1.600686 U	0.09 U	1.600686 U	0.09 U
CIS-1,3-DICHLOROPROPENE	0.04 U		0.04 U		0.04 U		0.04 U		0.04 U
CYCLOHEXANE	0.11 U		0.719		0.11 U		0.11 U		0.11 U
DIBROMOMETHANE	0.15 U		0.15 U		0.15 U		0.15 U		0.15 U
DICHLORODIFLUOROMETHANE	3.31		4.94		7.66		3.62		4.61
ETHYLBENZENE	2.12	1.481989 U	3.07	1.481989 U	83.7	1.573731	1.9	1.481989 U	3.6
FLUORANTHENE		2.090164 U		2.090164 U		2.090164 U		2.090164 U	
FLUORENE		2.086228 U		2.086228 U		2.086228 U		2.086228 U	
HEXACHLOROBUTADIENE	0.543 U		0.24 U		0.24 U		3.17		0.24 U
HEXACHLOROETHANE	0.07 U		0.07 U		0.07 U		0.07 U		0.07 U
HEXANE	0.186 J		1.09		0.17 U		1.09		0.17 U
ISOBUTANOL	0.46 U		0.46 U		0.46 U		0.46 U		0.46 U
ISOPROPYLBENZENE	0.07 U		0.07 U		4.21		0.07 U		0.07 U
M+P-XYLENES	1.52	1.643796 U	2.16	1.643796 U	55.8	5.236664	0.09 U	1.643796 U	2.3
METHYL ACETATE	0.27 U		0.27 U		0.27 U		0.27 U		0.27 U
METHYL CYCLOHEXANE	0.08 U		1.11		0.501		0.08 U		0.345
METHYL TERT-BUTYL ETHER	0.17 U	1.078881 U	0.17 U	1.078881 U	0.17 U	1.078881 U	0.17 U	1.078881 U	0.17 U
METHYLENE CHLORIDE	0.08 U		0.08 U		0.08 U		0.08 U		0.08 U
NAPHTHALENE	0.31 J	2.138585 U	0.847	2.138585 U	0.22 U	2.138585 U	1.86	2.138585 U	1.15
O-XYLENE	0.693	1.322952 U	0.06 U	1.322952 U	31.5	1.322952 U	0.06 U	1.322952 U	0.06 U
OCTANE		1.253153 U		1.253153 U		1.253153 U		1.253153 U	
PENTACHLOROETHANE	0.25 U		0.25 U		0.25 U		0.25 U		0.25 U
PENTADECANE		1.071361 U		11.337696		1.137683		6.329825	
PHENANTHRENE		2.090164 U		3.31788		2.090164 U		2.090164 U	
PYRENE		2.090164 U		2.090164 U		2.090164 U		2.090164 U	

J-Estimated value
U-Not detectd at that value
R-Rejected value

RESIDENCES WITH PASSIVE AND ACTIVE SOIL GAS ANALYTES
PHASE II ENVIRONMENTAL TESTING ASESSMENT SUPPORT
NSA NAPLES, ITALY
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Location	0548	0831	0831	0949	0949	1151	1151	1157	1157
Sample ID	0548SG004-D	0831SG0010018	0831SG002	0949SG0010018	0949SG002	1151SG0010018	1151SG002	1157SG0010018	1157SG002
Residential / Government	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	RESIDENTIAL
Event	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE	PHASE I	PHASE I-RESAMPLE
Sample Date	20090610	20080723	20090421	20080716	20090415	20080715	20090326	20080701	20090406
Study Area	STUDY AREA 06	STUDY AREA 06	STUDY AREA 06	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05	STUDY AREA 05
Premise ID	6113903102136	6111204602152	6111204602152	6322768324424	6322768324424	6322980432300	6322980432300	6322979007220	6322979007220
Likely Water Source	WELL	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC	PUBLIC
Blank Cells indicate that parameter was not analy									
STYRENE	4.64		7.78		645		6.88		14.4
TETRACHLOROETHENE	71.3	3587.2594	3230	2266.8797	81.7	2.26079 U	75.9	12.731102	41.6
TOLUENE	1.23	0.659774 U	4.74	0.659774 U	2.32	1.401234	1.64	0.659774 U	0.489
TRANS-1,2-DICHLOROETHENE	0.11 U	1.655093 U	0.11 U	1.655093 U	0.11 U	1.655093 U	0.11 U	1.655093 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U		0.07 U		0.07 U		0.07 U		0.07 U
TRANS-1,4-DICHLORO-2-BUTENE	0.17 U		0.17 U		0.17 U		0.17 U		0.17 U
TRICHLOROETHENE	0.08 U	33.188351	57.1	24.8253	0.08 U	0.634021 U	0.08 U	0.634021 U	0.08 U
TRICHLOROFLUOROMETHANE	13.6		24.3		1.82		3.11		2.36
TRIDECANE		1.005251 U		34.041895		1.067481		3.24802	
UNDECANE		1.007079 U		54.352914		1.007079 U		2.324233	
VINYL ACETATE	0.11 U		0.11 U		0.11 U		0.11 U		0.11 U
VINYL CHLORIDE	0.07 U	8.176523 U	0.07 U	8.176523 U	0.07 U	8.176523 U	0.07 U	8.176523 U	0.07 U
Petroleum Hydrocarbons (ug/m3)									
TPH (C03-C20)		824.42205		964.21112		143.29967		499.25018	

J-Estimated value
U-Not detectd at that value
R-Rejected value

Statistical Analysis
Of
Soil Gas and Tap Water Data

1 STATISTICAL ANALYSIS

For the statistical analysis discussed in this Appendix, only the samples from the Phase II sampling events were used. Two types of statistical analyses were conducted to determine if chemical concentrations differ by Study Area. An Analysis of Variance (ANOVA) was used to determine whether concentrations of benzene, chloroform, ethylbenzene, and tetratchloroethene in soil gas and tetrachloroethene in water differ by Study Area. A Chi Square model was used to determine if the probability of the presence of fecal and total coliform in tap water differ among Study Areas. One half the detection limit was used for concentrations reported below the detection limit and averages of the duplicate and original sample were used when duplicate samples were taken.

2 ANALYSIS OF VARIANCE

Tetra Tech computed an ANOVA to determine whether concentrations of benzene, chloroform, ethylbenzene, and tetrachloroethene in soil gas and tetrachloroethene in tap water differ by Study Area. ANOVA tests whether several populations have the same population mean by comparing how much the sample means differ from one another in relation to the variation of the data. The null hypothesis for the ANOVA is that there are no differences among the sample mean concentrations. Three assumptions that must be met to perform an ANOVA are that the samples are independent, residuals are normally distributed, and variances in each group are constant.

To formally test that the data satisfied the three assumptions, Tetra Tech plotted the residuals against Study Area. Tetra Tech inspected the plots for similar ranges for each level and for any patterns. Patterns in the levels would indicate that the ANOVA model is not appropriate. The concentrations were assumed to be independent. To check the normality of the data, the statistician constructed normal Q-Q plots of the residuals and applied the Shapiro Wilk normality test. When the normal Q-Q plot appears approximately linear and the p-value for the Shapiro Wilk test is greater than 0.05, the statistician concludes that the residuals are normally distributed. If the number of observations per level of factor is large (greater than 30), deviations from normality are not significant, in accordance with the central limit theorem. According to the central limit theorem, the sampling distribution of the mean approximates the normal distribution as the sample size increases, regardless of the underlying distribution. The sample sizes for each Study Area are discussed below and are close to 30. Therefore the ANOVA models will be robust to departures from normality. To test that the variances are the same for each group, Tetra Tech plotted the residuals against the predicted concentrations and examined the plots for patterns, computing a natural-log transformation or square-root transformation if the data displayed a pattern, to lessen the pattern's severity. Note that a log or square-root transformation was needed for every parameter of interest. These transformations lessened the degree of the non-constant variance and clustering of the residuals for each factor level. If the cell sizes for each factor level are roughly equal, the ANOVA is robust to non-constant variance (Neter, et al., 1996). As discussed, below the cell size for the ANOVAs are all roughly equal and therefore the ANOVAs will be robust to any non-constant variance.

The ANOVA results do not indicate specifically which means differ, only that differences exist within a given factor. To determine which means differ, Tetra Tech used the Fisher's Least Square Differences (LSD) comparison method to compare means at the 95 percent confidence level. Because of the large number of comparisons computed, there may be cases when the ANOVA p-value indicates that differences between means are present, but the Fisher method, adjusting for the number of comparisons computed, does not find significant differences. Tetra Tech concluded that levels of a factor differ if the p-value is less than 0.05. Tetra Tech constructed side by side box plots for each chemical where a significant difference between Study Areas was found. Sometimes a significant statistical difference is detected when the practical difference between the levels of the factors is not that great. The box plots are a visual confirmation that the statistical difference detected is also a practical difference. A statistical difference can also be a practical difference when one of the side by side box plots is shifted above or below the rest of the box plots.

3 ANOVA AND MULTIPLE COMPARISON DETAILS AND RESULTS

The detailed results of the ANOVA and Fisher's LSD 95 percent multiple comparisons are presented in this section. Fisher's LSD 95 percent multiple comparisons were only computed when the ANOVA results indicated that at least one of the Study Areas was statistically different. Side by Side box plots were also constructed when the ANOVA results indicated statistically different to determine if the statistical difference was also a practical difference.

3.1 Soil Gas

There were less than 11 samples available for Study Areas 2, 3, 4, and 9 while the remaining Study Areas had sample sizes ranging from 22 to 30. Due to the limited sample sizes Study Areas 2, 3, 4, and 9 were not included in the ANOVAs. To satisfy the ANOVA assumptions a log transformation was computed on the benzene, chloroform, and ethylbenzene concentrations and a square root transformation was computed on the tetrachloroethene concentrations. The plots used to verify the assumptions are presented in Figures 1 through 4.

Table 1 displays the p-values for the ANOVAs for each parameter. If the p-value was less than 0.05, then Tetra Tech concluded that the concentrations of the parameter differed by Study Areas. Based on the ANOVAs, concentrations of ethylbenzene and tetrachloroethene were found to differ by Study Area.

Table 1 ANOVA Results

Parameter	Study Area
Benzene	0.0897
Chloroform	0.18
Ethylbenzene	0.0022
Tetrachloroethene	0.017

The ANOVA results displayed above do not indicate specifically which means differ, only that differences exist. To determine which means differ, Tetra Tech used the Fisher's LSD multiple comparison method to compare means at the 95 percent confidence level. Tables 2 and 3 display the p-values for the Fisher LSD multiple comparisons. Tetra Tech concluded that two Study Areas differ if the p-value is less than 0.05. For ethylbenzene Study Area 7 was statistically different from Study Areas 1, 5, 6, 7, and 8. For tetrachloroethene Study Area 6 was statistically different from Study Areas 1, 5, and 7 and Study Area 7 is different from 8. Tetra Tech also computed box plots for ethylbenzene and tetrachloroethene to show how much of a difference is present. Sometimes a significant statistical difference is detected when the practical difference between the levels is not that great. The box plots are a visual confirmation that the statistical difference detected is also a practical difference. A statistical difference can also be a practical difference when one of the side by side box plots is shifted above or below the rest of the box plots. Figures 5 and 6 present the box plots for ethylbenzene and tetrachloroethene. Figure 5 shows that the box plot for Study Area 7 is shifted above the box plots for the other Study Areas indicating a practical difference. Figure 6 shows that the box plot for Study Area 6 is shifted above 1, 5, and 7 and Study Area 7 is shifted below 8.

Table 2 Fisher's LSD Multiple Comparisons
Ethylbenzene

	Study Area				
	1	**5**	**6**	**7**	**8**
1		0.8850	0.5711	0.0014	0.9278
5	0.8850		0.4663	0.0016	0.9563
6	0.5711	0.4662		0.0003	0.5024
7	0.0014	0.0016	0.0003		0.0015
8	0.9278	0.9563	0.5024	0.0015	

Table 3 Fisher's LSD Multiple Comparisons
Tetrachloroethene

Study Area					
	1	**5**	**6**	**7**	**8**
1		0.833	0.0089	0.8007	0.0888
5	0.833		0.0123	0.6446	0.121
6	0.0089	0.0123		0.0060	0.3048
7	0.8007	0.6446	0.0060		0.0601
8	0.088	0.121	0.3048	0.0601	

3.2 Tap Water

There were less than 15 samples available for Study Areas 3, 4, and 9 while the remaining Study Areas had sample sizes ranging from 20 to 30. Due to the limited sample size, Study Areas 3, 4 and 9 were not included in the ANOVAs. The tetrachloroethene concentrations were log transformed to satisfy the assumptions. The plots used to verify the assumptions are presented in Figure 7.

Once the statistician determined that the ANOVA assumptions had been met the ANOVA was computed. Table 4 displays the p-values for the ANOVAs for each parameter. If the p-value was less than 0.05, then Tetra Tech concluded that the concentrations of the chemical differed by Study Areas. Based on the ANOVAs, concentrations of tetrachloroethene were found to differ by Study Area.

Table 4 ANOVA Results
Tetrachloroethene

Parameter	Study Area
Tetrachloroethene	0.0001

The ANOVA results displayed above do not indicate specifically which means differ, only that differences exist. To determine which means differ, Tetra Tech used the Fisher's LSD multiple comparison method to compare means at the 95 percent confidence level. Table 5 displays the p-values for the Fisher LSD multiple comparisons. Tetra Tech concluded that two Study Areas differ if the p-value is less than 0.05. For tetrachloroethene Study Area 2 was statistically different from Study Areas 1, 5, 6, 7, and 8 and Study Area 5 is different from 6. Tetra Tech also computed box plots for tetrachloroethene to show how much of a difference is present. Sometimes a significant statistical difference is detected when the practical difference between the levels is not that great. The box plots are a visual confirmation that the statistical difference detected is also a practical difference. A statistical difference can also be a practical difference when one of the side by side box plots is shifted above or below the rest of the box plots. Figure 8 presents the box plots. Figure 8 shows that the box plot for Study Area 2 is shifted above the rest of the Study Area box plots.

Table 5 Fisher's LSD Multiple Comparisons
Tetrachloroethene

Study Area						
	1	**2**	**5**	**6**	**7**	**8**
1		0.0002	0.2556	0.2461	0.8531	0.7328
2	0.0002		0.0038	0.0000	0.0001	0.0000
5	0.2556	0.0038		0.0235	0.1921	0.1241
6	0.2461	0.0000	0.0235		0.3347	0.3809
7	0.8531	0.0001	0.1921	0.3347		0.8866
8	0.7328	0.0000	0.1241	0.3809	0.8866	

4 CHI SQUARE TEST

Tetra Tech used the Chi Square Test with contingency tables to determine if the proportion of samples containing fecal or total coliform differ by Study Area. The null hypothesis for the test is that there is no difference between the proportions of samples that contain the chemical (fecal or total coliform) among

Study Areas. The alternative hypothesis is that not all the Study Areas have the same proportion of samples that contain the chemical (fecal or total coliform).

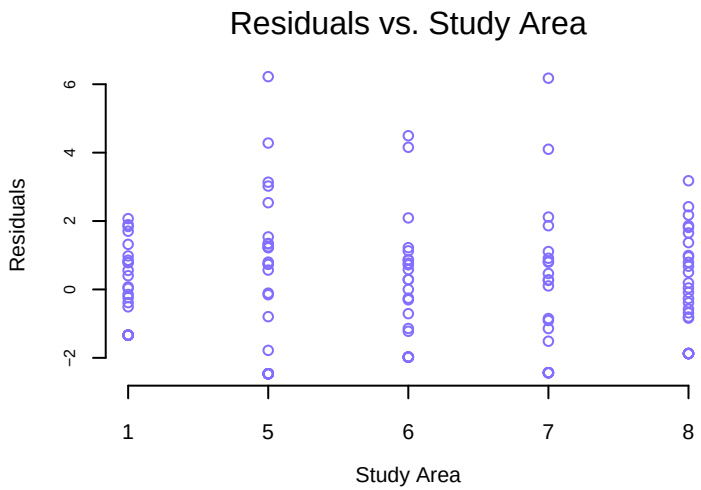
There was one sample 02227 that was re-sampled for fecal and total coliform results. The initial and final result for fecal coliform were both <1 while the original result for total coliform was 1 and the final result <1. Two tests were run on total coliform: one using the initial result and one using the final result. Table 6 presents the p-values Tetra Tech concluded that the proportions of samples among the Study Areas was not the same if the p-value was less than 0.05. The Initial total coliform results are statistically significant and the Chi Square test indicates that the proportion of samples containing total coliform is not the same for all Study Areas.

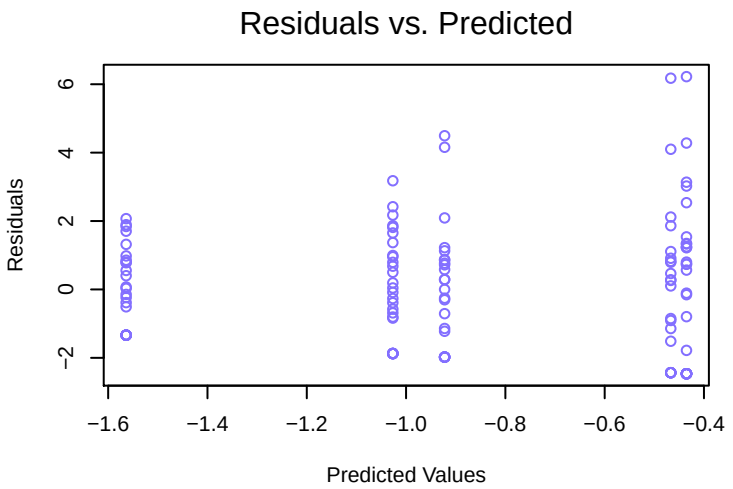
Table 6

Parameter	Study Area
Fecal Coliform	0.8436
Total Coliform – Initial Results	0.0262
Total Coliform – Final Results	0.0639

The Chi Square test does not indicate which Study Areas have different proportions. Tetra Tech used the Marascuillo multiple comparison technique to determine which of the Study Areas have different proportions of samples that contain total coliform. The Marascuillo technique takes into account the number of comparisons and the sample size of each Study Area. It is possible when the sample size and number of comparisons are taken into account that no significant differences will be found. The Marascuillo technique found no significant differences between any of the Study Areas.

FIGURE 1
ANOVA ASSUMPTIONS
SOIL GAS
LOG BENZENE





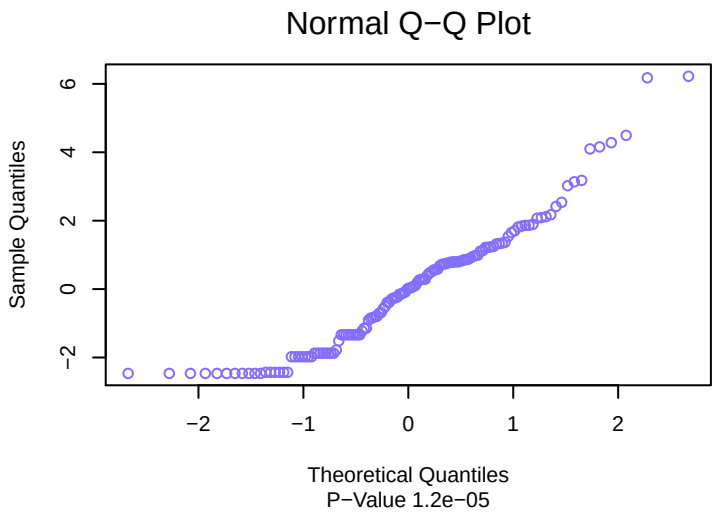
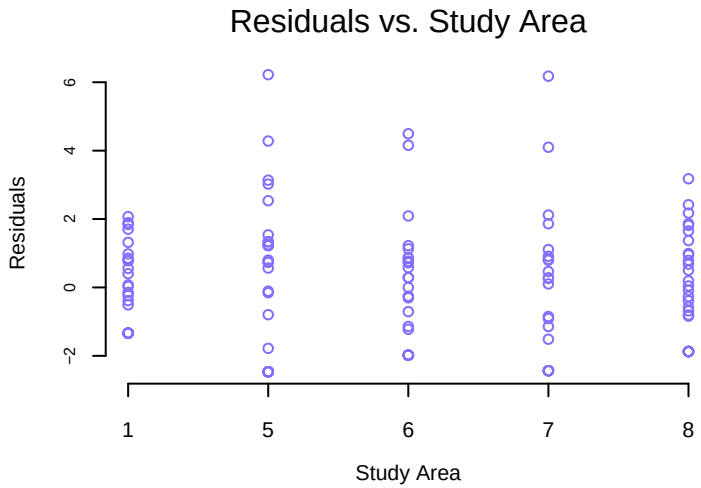
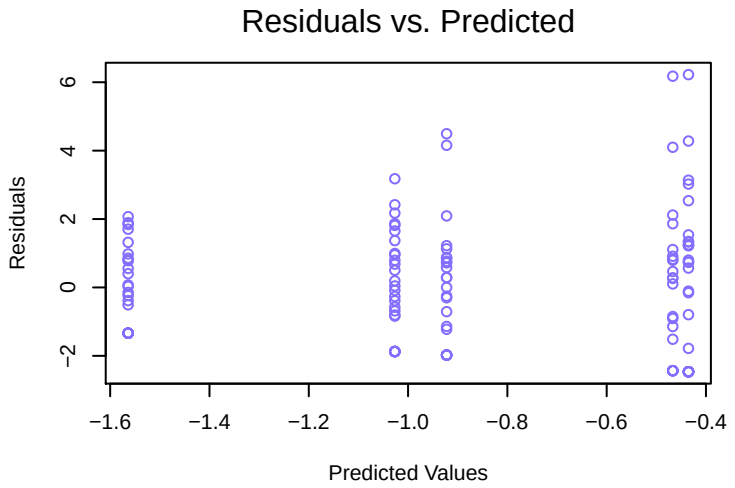


FIGURE 2
ANOVA ASSUMPTIONS
SOIL GAS
LOG CHLOROFORM





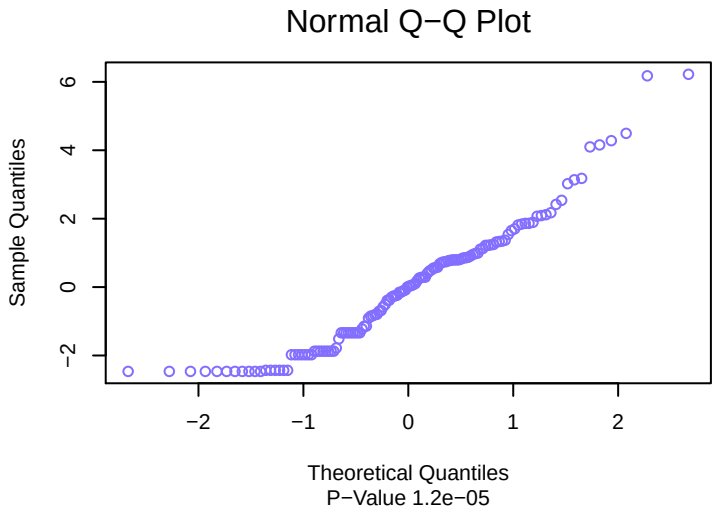
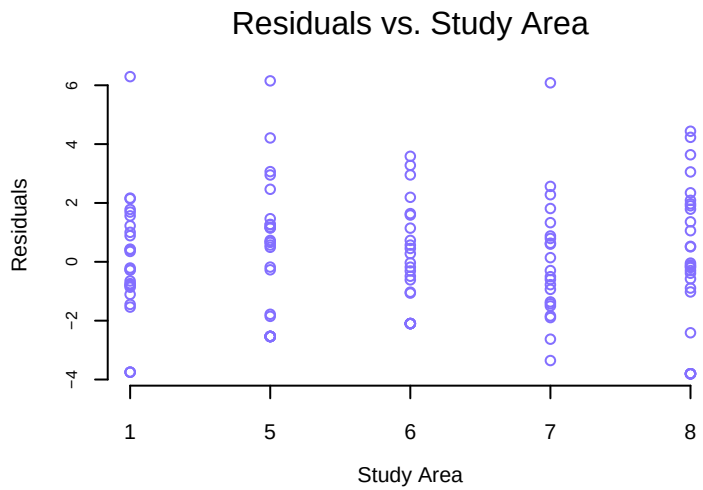
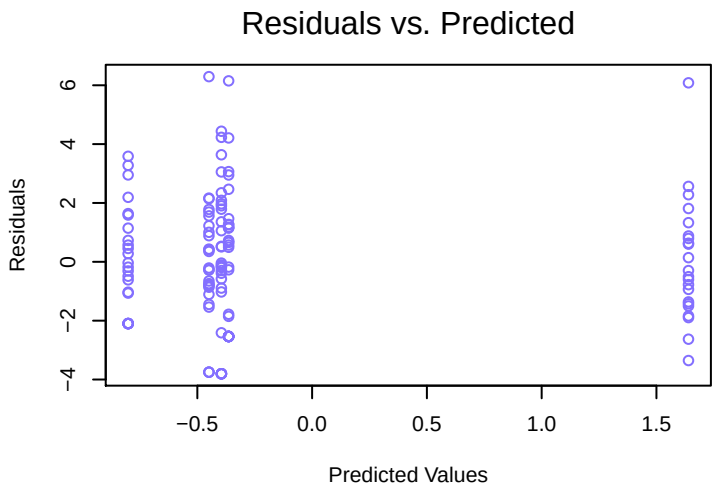
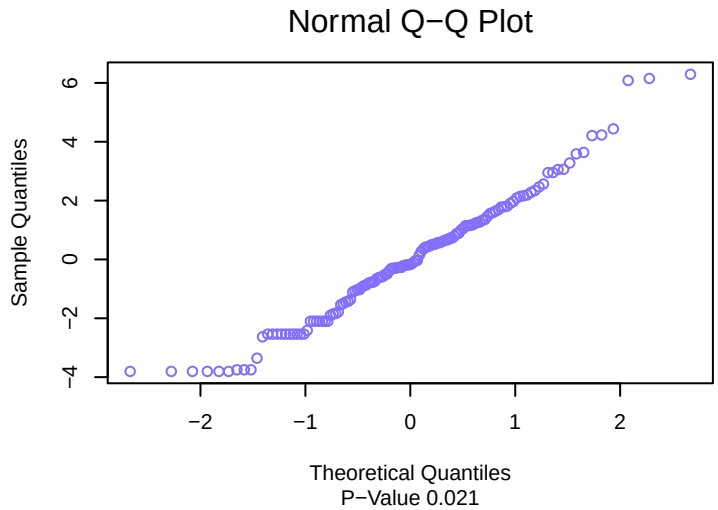


FIGURE 3
ANOVA ASSUMPTIONS
SOIL GAS
LOG ETHYLBENZENE

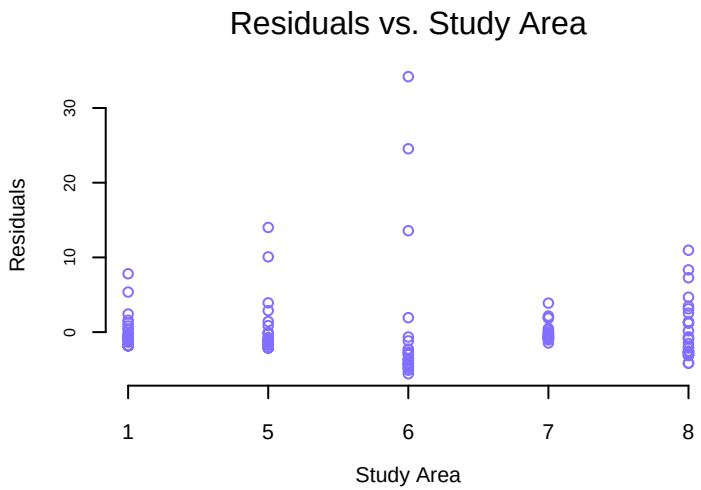


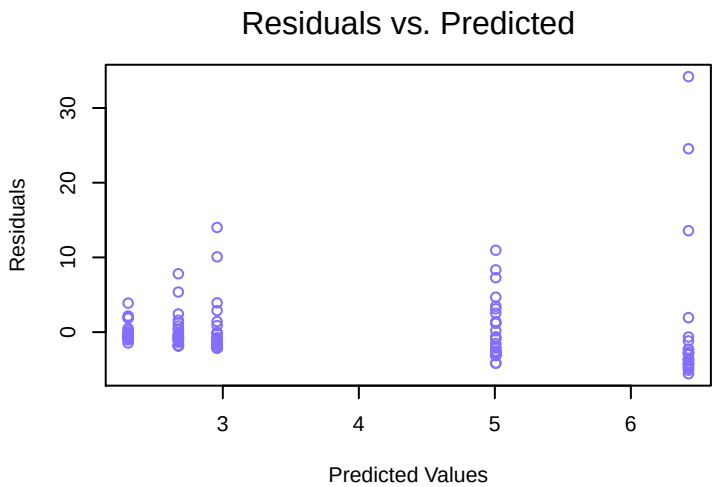




P−Value 0.021

FIGURE 4
ANOVA ASSUMPTIONS
SOIL GAS
LOG TETRACHLOROETHENE





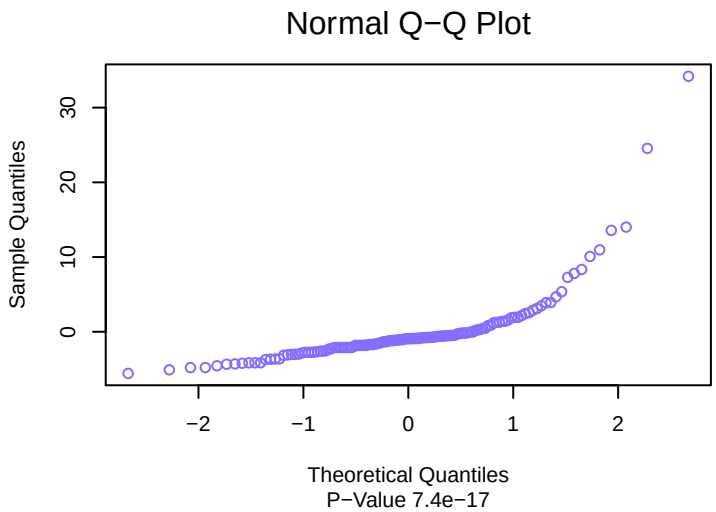


FIGURE 5
SIDE BY SIDE BOX PLOTS
SOIL GAS
LOG ETHYLBENZENE

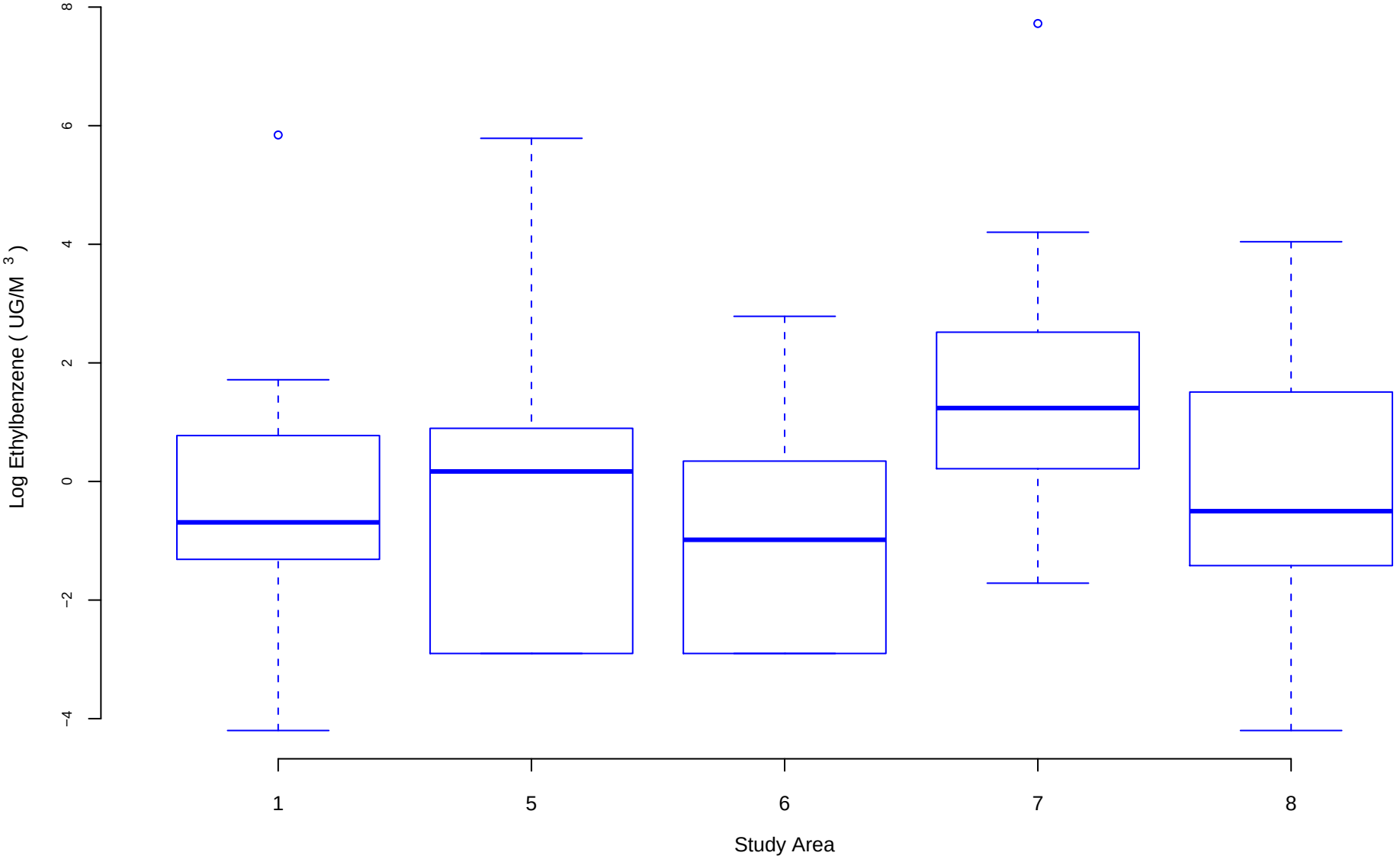


FIGURE 6
SIDE BY SIDE BOX PLOTS
SOIL GAS
SQUARE ROOT TETRACHLOROETHENE

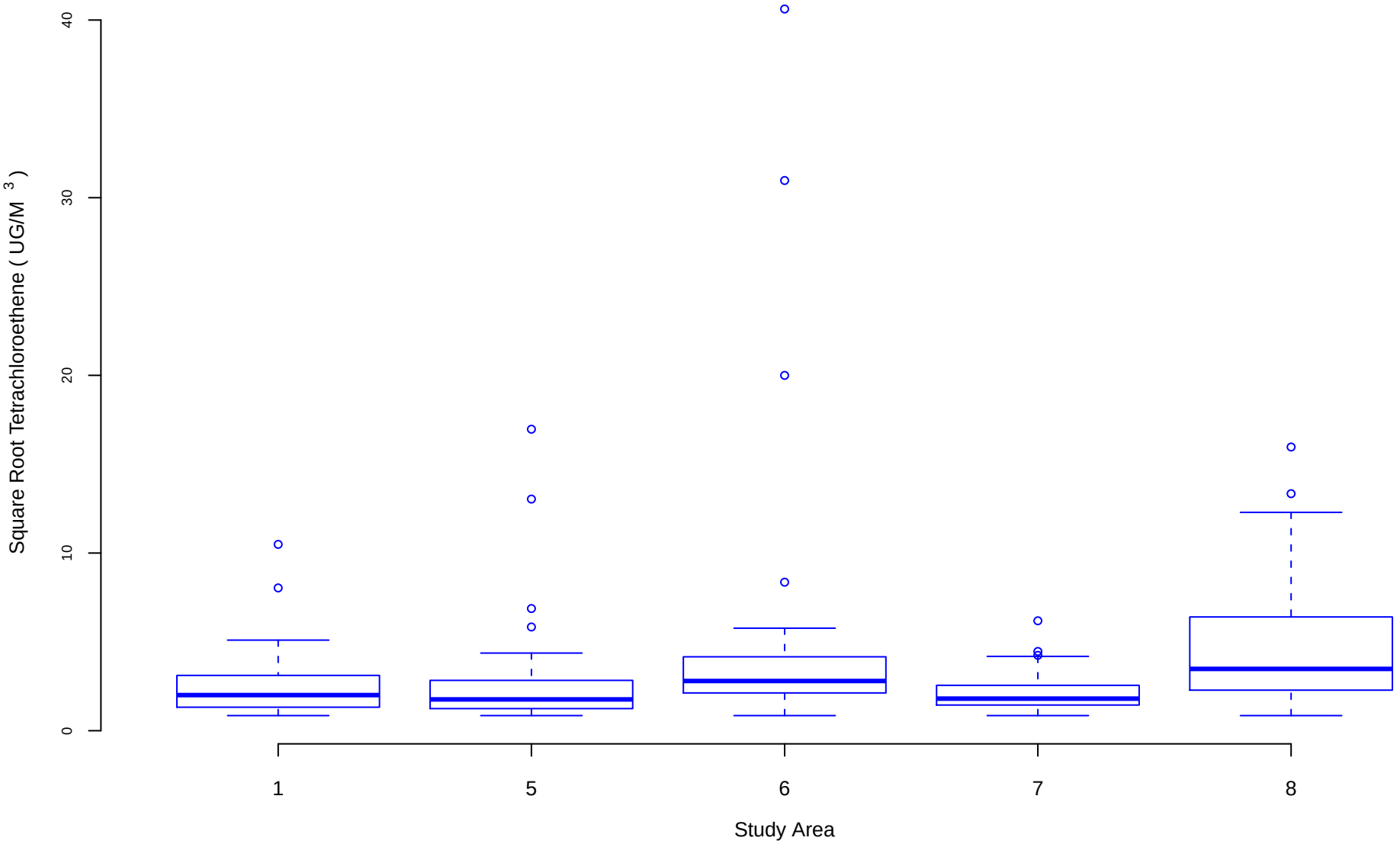
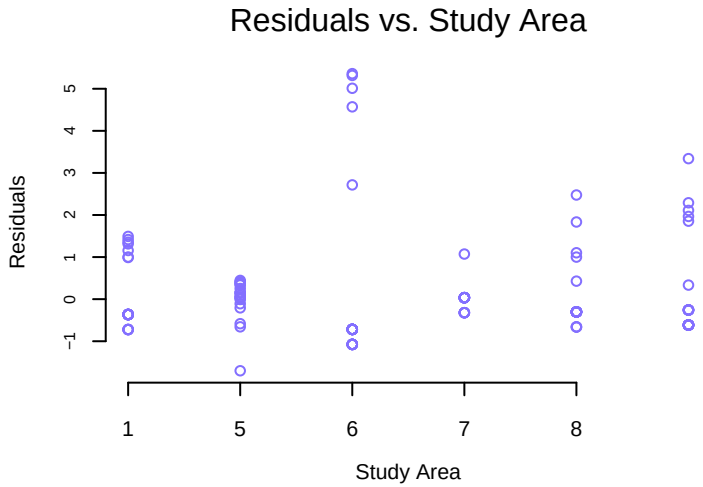
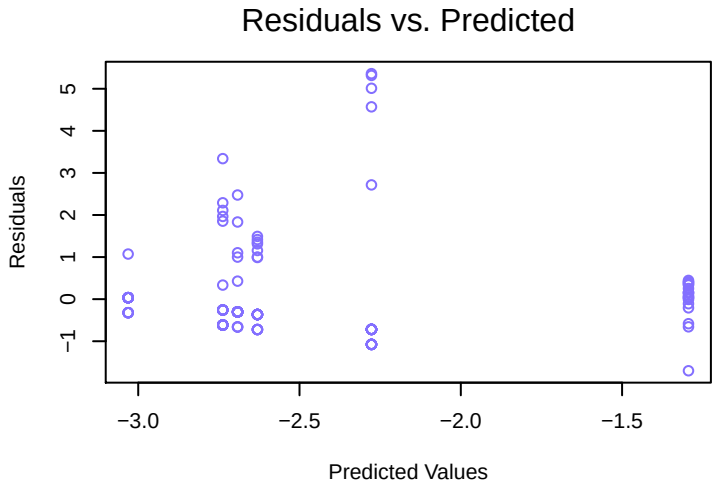


FIGURE 7
ANOVA ASSUMPTIONS
TAP WATER
LOG TETRACHLOROETHENE





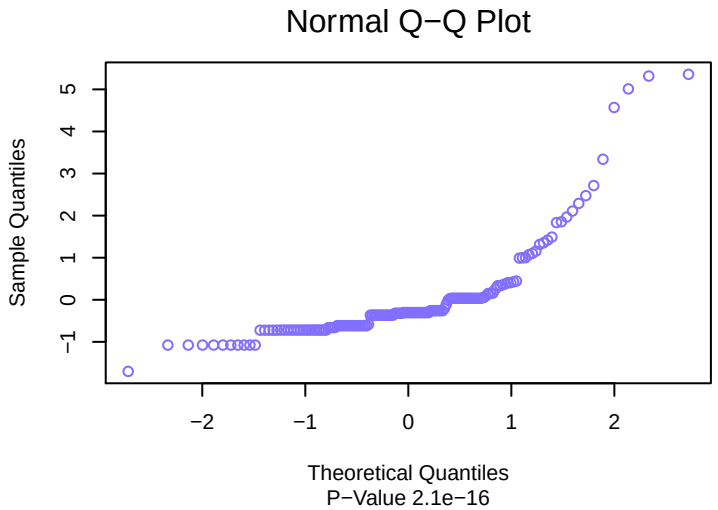
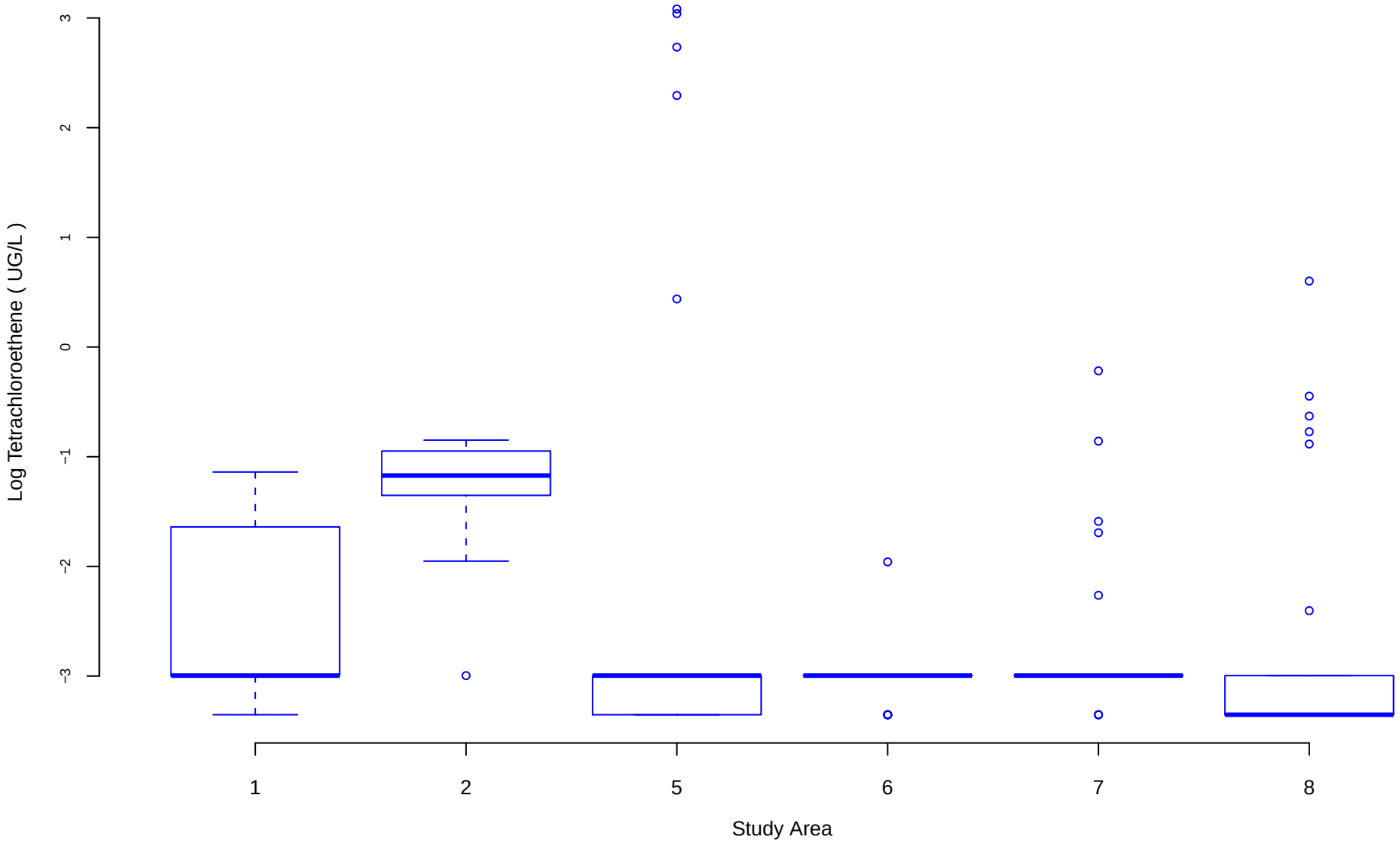


FIGURE 8
SIDE BY SIDE BOX PLOTS
TAP WATER
LOG TETRACHLOROETHENE



APPENDIX C
AQUEDUCT SAMPLING

AQUEDUCT WATER SAMPLE LOGS AND FIELD WATER QUALITY PARAMETERS
TOTAL CHLORINE FIELD TEST RESULTS
GEOGRAPHICAL COORDINATES AND PHOTOGRAPHS OF AQUEDUCT WATER SAMPLE LOCATIONS
CHAIN-OF-CUSTODY FORMS FOR AQUEDUCT WATER SAMPLES
ANALYTICAL DATA

ATTACHMENT A

Aqueduct Water Sample Logs
Field Water Quality Parameters

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS01AW001**	Sampler:	Keith Simpson
Location:	WS01	Sample Date:	09/28/09
QC Duplicate ID:	FD092809-01	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Torano Aqueduct

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:39	10:44	5	Clear	8.34	0.316	14.47	3.4	17.75	107	0.1	TDS = 0.205g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	09/28/09	10:36	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	10:36	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	10:36	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	10:36	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	10:36	Anions	SW-846 9056/Lab SOPs M1505	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	10:36	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-272
✓	09/28/09	10:36	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-274
✓	09/28/09	10:36	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	2L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-274

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS01AW001**	Sampler:	Keith Simpson
Location:	WS01	Sample Date:	09/28/09
QC Duplicate ID:	FD092809-01	MS/MSD:	NA

General Notes

Double volumes collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples).
Geom Padrelita (Italian Water Authority)
Tony Carotenuto (Capo Environmental)
and Marco Sciurba (NAVFAC Environmental) present while sampling was conducted.
Collected sample approximately 150 meters into a tunnel dug into side of mountain. Sample collected from a hose bib (with hose removed). The hose bib (sample port) was connected to a plastic (CPVC) line that ran ~10 meters to the aqueduct source water pre treatment.
Tt was able to trace the line. No direct access to source for direct fill due to safety and access concerns. Tt followed sampling procedure from March 2009 QAPP.
See photos and GPS sheets for more information.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS02AW001**	Sampler:	Keith Simpson
Location:	WS02	Sample Date:	09/28/09
QC Duplicate ID:	FD092809-02	MS/MSD:	MS/MSD

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N/A
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Auduni Aqueduct

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:20	12:25	5	Clear	8.26	0.278	8.41	5.7	19.07	126	0.1	TDS = 0.181g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	09/28/09	12:14	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	2L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-274
✓	09/28/09	12:14	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-274
✓	09/28/09	12:14	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-272
✓	09/28/09	12:14	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	18	Glass - Clear	40ml vials	Run MS/MSD. Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	12:14	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	6	Plastic - PE	250ml	Run MS/MSD. Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	12:14	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	12	Glass - Amber	1L	Run MS/MSD. Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	12:14	Anions	SW-846 9056/Lab SOPs M1505	4°C	6	Plastic - PE	250ml	Run MS/MSD. Additional volume collected - see COC Notes	ED00000090-273

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID: **WS02AW001**
Location: WS02
QC Duplicate ID: FD092809-02

Sampler: Keith Simpson
Sample Date: 09/28/09
MS/MSD: MS/MSD

✓	09/28/09	12:14	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	6	Plastic - PE	250ml	Run MS/MSD. Additional volume collected - see COC Notes	ED00000090-273

General Notes

MS/MSD collected for SGS portion of sample.
Double volumes collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples).
Geom Padrelita (Italian Water Authority)
Tony Carotenuto (NMPHC)
and Marco Sciurba (NAVFAC Environmental) present while sampling was conducted.
Sampled collected from a hose bib (with hose removed). The hose bib (sample port) was steel pipe stick-up ~1 meter high off to the side of parking lot at water authority station/power house - sampled pretreatment water. Followed sampling procedure from March 2009 QAPP.
See photos and GPS sheets for more information.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS03AW001**	Sampler:	Keith Simpson
Location:	WS03	Sample Date:	09/28/09
QC Duplicate ID:	FD092809-03	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Maretto Aqueduct

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
13:32	13:37	5	Clear	7.88	0.309	8.64	0.0	17.66	144	0.1	TDS = 0.201g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	09/28/09	13:29	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-274
✓	09/28/09	13:29	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	13:29	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	13:29	Anions	SW-846 9056/Lab SOPs M1505	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	13:29	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-272
✓	09/28/09	13:29	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	13:29	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	ED00000090-273
✓	09/28/09	13:29	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	1	Plastic - PE	2L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-274

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS03AW001**	Sampler:	Keith Simpson
Location:	WS03	Sample Date:	09/28/09
QC Duplicate ID:	FD092809-03	MS/MSD:	NA

General Notes

Double volumes collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples).
Geom Padrelita (Italian Water Authority)
Tony Carotenuto (NMPHC)
and Marco Sciurba (NAVFAC Environmental) present while sampling was conducted.
Sampled collected from a hose bib (with hose removed). The hose bib (sample port) was steel pipe stick-up ~1 meter high in the lower level of building at water authority station/power house - source water pre treatment sampled. Tt followed sampling procedure from March 2009 QAPP.
See photos and GPS sheets for more information.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS04AW001**	Sampler:	Keith Simpson
Location:	WS04	Sample Date:	10/01/09
QC Duplicate ID:	FD100109-01	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Cassino

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (°C)	ORP (mV)	Salinity (%)	Other
10:38	10:43	5	Clear	6.30	0.792	5.98	0.0	17.80	323	0.02	TDS = 0.505g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	10/01/09	10:38	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-275
✓	10/01/09	10:38	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-275
✓	10/01/09	10:38	Anions	SW-846 9056/Lab SOPs M1505	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-275
✓	10/01/09	10:38	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	None	ED00000090-276
✓	10/01/09	10:38	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-277
✓	10/01/09	10:38	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	4	Plastic - PE	1L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-277
✓	10/01/09	10:38	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	ED00000090-275
✓	10/01/09	10:38	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	ED00000090-275

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS04AW001**	Sampler:	Keith Simpson
Location:	WS04	Sample Date:	10/01/09
QC Duplicate ID:	FD100109-01	MS/MSD:	NA

General Notes

Double volumes collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples).
Geom Padrelita (Italian Water Authority)
Tony Carotenuto -NMPHC
Marco Sciurba -Capo Environmental
Samplers from the ARIN lab were on site while sampling was conducted.
Sampled collected from an ~1/2 copper sample port in a large sump ~5 below grade. Source water pretreatment was sampled. Tt followed sampling procedure from March 2009 QAPP.
See photos and GPS sheets for more information.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS05AW001**	Sampler:	Keith Simpson
Location:	WS05	Sample Date:	10/01/09
QC Duplicate ID:	FD100109-02	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Bartolomeo

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:38	12:43	5	Clear	6.91	0.489	7.74	3.0	16.80	187	0.01	TDS = 0.318g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	10/01/09	12:38	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	ED00000090-275
✓	10/01/09	12:38	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-277
✓	10/01/09	12:38	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-275
✓	10/01/09	12:38	Anions	SW-846 9056/Lab SOPs M1505	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-275
✓	10/01/09	12:38	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	None	ED00000090-276
✓	10/01/09	12:38	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	ED00000090-275
✓	10/01/09	12:38	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	2	Plastic - PE	2L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-277
✓	10/01/09	12:38	Metals and Total Uranium	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-275

General Notes

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS05AW001**	Sampler:	Keith Simpson
Location:	WS05	Sample Date:	10/01/09
QC Duplicate ID:	FD100109-02	MS/MSD:	NA

Double volumes collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples).
Tony Carotenuto -NMPHC
Marco Sciurba -Capo Environmental
Samplers from the ARIN lab were on site while sampling took place.
Drove approximately 1500 meters into a tunnel (dug into side of mountain) to get to the sampling location. Sample collected from a ~1/2 copper sample port at end of tunnel - sampled pretreatment source water. Tt followed sampling procedure from March 2009 QAPP.
See photos and GPS sheets for more information.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS06AW001**	Sampler:	Keith Simpson
Location:	WS06	Sample Date:	10/01/09
QC Duplicate ID:	FD100109-03	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Campo pozzi del peccia

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
13:27	13:32	5	Clear	6.90	0.511	13.06	0.5	14.83	204	0.01	TDS = 0327g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	10/01/09	13:27	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	3	Glass - Clear	40ml vials	None	ED00000090-275
✓	10/01/09	13:27	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	2	Glass - Amber	1L	None	ED00000090-275
✓	10/01/09	13:27	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	1	Plastic - PE	250ml	None	ED00000090-275
✓	10/01/09	13:27	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	1	Plastic - PE	250ml	None	ED00000090-275
✓	10/01/09	13:27	Anions	SW-846 9056/Lab SOPs M1505	4°C	1	Plastic - PE	250ml	None	ED00000090-275
✓	10/01/09	13:27	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	2	Plastic - PE	1L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-277
✓	10/01/09	13:27	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	None	ED00000090-276
✓	10/01/09	13:27	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-277

General Notes

Nineteen groundwater wells feed two large pipes (9 into one 10 into the other) and the sample is a composite of the two pipes.
Each bottle was filled half in the sample port from one pipe and half in the sample port from the other pipe.
The Italian water authority told TT that the water quality in all 19 wells is very similar.
Due to the location being added last minute and shortage of bottleware - the double volumes for the samplesx2 and FDx2 were only collected as the combined double volume of sample and dup. If problem with shipment
the lab will be notified as to the Sample-FD relationship so they can run the required analysis. These were collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples).
The Bacteria sample was collect with double volume in case of lab spillage.
Tony Carotenuto NMPHC Marco Sciurba -Capo Environmental and samplers from the ARIN lab were on site during sample collection..
Tt followed sampling procedure from March 2009 QAPP.
See photos and GPS sheets for more information.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS07AW001**	Sampler:	Terry Rojahn
Location:	WS07	Sample Date:	10/07/09
QC Duplicate ID:	FD100709-01	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Maddaloni

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:34	10:39	5	Clear	6.76	1.18	10.34	12.8	20.46	222	0.3	TDS = 0.754g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	10/07/09	10:34	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	10:34	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	10:34	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes	ED00000090-278
✓	10/07/09	10:34	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	10:34	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	10:34	Anions	SW-846 9056/Lab SOPs M1505	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	10:34	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-282
✓	10/07/09	10:34	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	4	Plastic - PE	1L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-282

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS07AW001**	Sampler:	Terry Rojahn
Location:	WS07	Sample Date:	10/07/09
QC Duplicate ID:	FD100709-01	MS/MSD:	NA

General Notes

Double sample volumes collected per plan to ensure sufficient volume of sample be delivery to laboratory (see COC notes for split shipment of samples). On site: Geom. Padrelita- Italian Water AuthorityMarco Sciurba -Capo Environmental Pinto Nazzareno -Italian Water Authority.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS08AW001**	Sampler:	Terry Rojahn
Location:	WS08	Sample Date:	10/07/09
QC Duplicate ID:	FD100709-02	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Maddaloni

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:12	11:17	5	Clear	6.88	1.58	5.41	0.0	20.83	187	0.5	TDS = 1.01g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	10/07/09	11:12	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	11:12	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	11:12	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	11:12	Anions	SW-846 9056/Lab SOPs M1505	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	11:12	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes	ED00000090-278
✓	10/07/09	11:12	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-282
✓	10/07/09	11:12	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	11:12	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	4	Plastic - PE	1L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-282

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS08AW001**	Sampler:	Terry Rojahn
Location:	WS08	Sample Date:	10/07/09
QC Duplicate ID:	FD100709-02	MS/MSD:	NA

General Notes

Double sample volumes collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples).
On site:
Geom. Padrelita- Italian Water Authority
Marco Sciurba -Capo Environmental
Pinto Nazzareno -Italian Water Authority
The Bacteria sample was collect with double volume in case of lab spillage.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS09AW001**	Sampler:	Terry Rojahn
Location:	WS09	Sample Date:	10/07/09
QC Duplicate ID:	FD100709-03	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	San Felice a Cancello

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:06	12:11	5	Clear	7.16	1.34	17.9	4.4	19.61	158	0.4	TDS = 0.875g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	10/07/09	12:06	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	12:06	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	12:06	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	12:06	Anions	SW-846 9056/Lab SOPs M1505	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	12:06	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes	ED00000090-278
✓	10/07/09	12:06	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	ED00000090-279
✓	10/07/09	12:06	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	4	Plastic - PE	1L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-282
✓	10/07/09	12:06	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-282

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS09AW001**	Sampler:	Terry Rojahn
Location:	WS09	Sample Date:	10/07/09
QC Duplicate ID:	FD100709-03	MS/MSD:	NA

General Notes

Double sample volumes collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples).
Ten wells on site - all coming from the same aquifer. Water collected from the second well.
On site:
Marco Sciurba -Capo Environmental
Pinto Nazzareno -Italian Water Authority
The Bacteria sample was collect with double volume in case of lab spillage.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS10AW001**	Sampler:	Terry Rojahn
Location:	WS10	Sample Date:	10/08/09
QC Duplicate ID:	FD100809-01	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Castelmorrone (CE)

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:51	10:56	5	Clear	6.42	1.37	8.52	2.5	17.87	288	0.04	TDS = 0.878 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	10/08/09	10:51	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	ED00000090-281
✓	10/08/09	10:51	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-281
✓	10/08/09	10:51	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	2	Plastic - PE	2L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-282
✓	10/08/09	10:51	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes	ED00000090-280
✓	10/08/09	10:51	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-282
✓	10/08/09	10:51	Anions	SW-846 9056/Lab SOPs M1505	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-281
✓	10/08/09	10:51	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-281
✓	10/08/09	10:51	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	ED00000090-281

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS10AW001**	Sampler:	Terry Rojahn
Location:	WS10	Sample Date:	10/08/09
QC Duplicate ID:	FD100809-01	MS/MSD:	NA

General Notes

Double volumes collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples).
On site:
Ing. D'Andria - Italian Water Authority
Geom. Palmiero - Italian water Authority
Marco Sciurba - Capo environmental
Water also collected by a sampler from ARIN lab.
Three tunnels on site (1 supplied by 5 wells - 1 supplied by 3 wells - and 1 supplied by 4 wells). Source water collected from spigot supplied by the 8 wells (2 tunnels). The 12 wells are supplied by the same aquifer.
This location is controlled by a private water company.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS11AW001**	Sampler:	Terry Rojahn
Location:	WS11	Sample Date:	10/08/09
QC Duplicate ID:	FD100809-02	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Pontelatone (CE)

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
12:10	12:15	5	Clear	6.64	1.49	7.71	6.3	17.37	252	0.04	TDS = 0.951 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	10/08/09	12:08	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	ED00000090-281
✓	10/08/09	12:08	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	ED00000090-281
✓	10/08/09	12:08	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-281
✓	10/08/09	12:08	Anions	SW-846 9056/Lab SOPs M1505	4°C	2	Plastic - PE	1L	Additional volume collected - see COC Notes	ED00000090-281
✓	10/08/09	12:08	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	2	Plastic - PE	2L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-282
✓	10/08/09	12:08	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes	ED00000090-280
✓	10/08/09	12:08	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-282
✓	10/08/09	12:08	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	2	Plastic - PE	1L	Additional volume collected - see COC Notes	ED00000090-281

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS11AW001**	Sampler:	Terry Rojahn
Location:	WS11	Sample Date:	10/08/09
QC Duplicate ID:	FD100809-02	MS/MSD:	NA

General Notes

Double volumes collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples).
on site:
Marco Sciurba - Capo environmental
Ing. D'Andria - Italian Water Authority
Geom. Palmiero - Italian Water Authority
Water also collected by a sampler of the ARIN lab.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS12AW001**	Sampler:	Terry Rojahn
Location:	WS12	Sample Date:	10/14/09
QC Duplicate ID:	FD101409-01	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Sarno

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
10:25	10:30	5	Clear	6.96	0.944	9.46	0.0	13.29	276	0.02	TDS = 0.604 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	10/14/09	10:25	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	10:25	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	2	Plastic - PE	1L	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	10:25	Anions	SW-846 9056/Lab SOPs M1505	4°C	2	Plastic - PE	1L	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	10:25	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	10:25	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-285
✓	10/14/09	10:25	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	10:25	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes	ED00000090-283
✓	10/14/09	10:25	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	4	Plastic - PE	1L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-285

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS12AW001**	Sampler:	Terry Rojahn
Location:	WS12	Sample Date:	10/14/09
QC Duplicate ID:	FD101409-01	MS/MSD:	NA

General Notes

Double volumes collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples).
On site:
Marco Sciurba - Capo environmental
Ing. Del Prete - Italian Water Authority
Geom. Padrelita - Italian Water Authority
Perito Landi - Italian Water Authority
Ing. Antonio Fittipaldi - Direttore Cantiere SIBBA
Water collected from well #2
Sample port - tap with hose bib.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS13AW001**	Sampler:	Terry Rojahn
Location:	WS13	Sample Date:	10/14/09
QC Duplicate ID:	FD101409-02	MS/MSD:	NA

Source Information

Location of Source	Sampling Port	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	Y
Other	N/A	Geographic Area	Sarno (SA)

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
11:30	11:35	5	Clear	6.86	0.761	10.26	30.7	15.21	250	0.2	TDS = 0.487

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	10/14/09	11:30	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	11:30	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	11:30	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	11:30	Anions	SW-846 9056/Lab SOPs M1505	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	11:30	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes	ED00000090-283
✓	10/14/09	11:30	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	11:30	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	4	Plastic - PE	1L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-285
✓	10/14/09	11:30	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-285

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS13AW001**	Sampler:	Terry Rojahn
Location:	WS13	Sample Date:	10/14/09
QC Duplicate ID:	FD101409-02	MS/MSD:	NA

General Notes

Double volumes collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples).
On site:
P.I. Landi - Italian Water Authority
Marco Sciurba - Capo environmental
One tunnel on site with 16 wells. All the wells are from the same source. Water collected from well #1
Sample port same type as for WS12.

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS14AW001**	Sampler:	Terry Rojahn
Location:	WS14	Sample Date:	10/14/09
QC Duplicate ID:	FD101409-03	MS/MSD:	NA

Source Information

Location of Source	x	Aerator at Source	N
Removed for Sampling	N/A	Water Treatment System	N
Type of Treatment	-Select-	System Bypass for Sampling	N/A
Water Usage Prior to Sampling	Heavy	Water Run for Sampling	N
Other	N/A	Geographic Area	Nocera Inferiore (SA)

Sample Data

Start Time	End Time	Duration (min.)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Temp (ºC)	ORP (mV)	Salinity (%)	Other
N/A	N/A	0	Clear	6.96	0.944	9.46	0.0	13.29	276	0.02	TDS = 0.604 g/L

Laboratory Analysis

Coll.	Date	Time	Description	Analysis	Preservative	No.	Type	Vol.	COC Notes	Chain No.
✓	10/14/09	13:00	Dioxins/Furans	SW-846 8290/Lab SOPs	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	13:00	Cyanide	SW-846 3050B/9013/Lab SOP M1504	4°C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	13:00	Fecal and Total Coliform	SM 9222D and B/Lab SOP M199	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes	ED00000090-283
✓	10/14/09	13:00	Ra226-Ra228-Sr90-Gross A/B	EPA 903.1-904-905-900	HNO3 <2 pH	4	Plastic - PE	1L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-285
✓	10/14/09	13:00	Metals and Total Uranium	SW-846 3010A/6010C/6020A/6010C/7470A/Lab SOPs	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	13:00	Gamma Spectrometry (incl Cs137)	Gamma Spec	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-285
✓	10/14/09	13:00	Anions	SW-846 9056/Lab SOPs M1505	4°C	2	Plastic - PE	1L	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	13:00	VOCs	SW-846 5035/8260B-Lab SOP M1392	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	ED00000090-284

TAP WATER SAMPLE LOG SHEET

TETRA TECH NUS, Inc.

Event: Phase II Sampling
Site Name: NAPLES NSA ITALY - City-Wide
Project No: 112G01735.TBD (ED00000090)

Sample ID:	**WS14AW001**	Sampler:	Terry Rojahn
Location:	WS14	Sample Date:	10/14/09
QC Duplicate ID:	FD101409-03	MS/MSD:	NA

General Notes

Double sample volumes collected per plan to ensure sufficient volume for sample delivery to laboratory (see COC notes for split shipment of samples). On site: P.I. Landi - Italian Water Authority, Marco Sciurba - Capo environmental, Water collected from the source - Dip Method used from concrete stream running through the tunnel - using an unpreserved 1 L glass amber bottle to collect organics and an unpreserved 1 L HDPE container to collect the metals - cyanide - water chemistry & rad parameters. Bacteria containers were directly dipped into the sample steam being careful not to overflow the container.

ATTACHMENT B

Total Chlorine Field Test Results

ATTACHMENT B

TOTAL CHLORINE FIELD TEST RESULTS
AQUEDUCT SAMPLING
NSA NAPLES, ITALY
ENVIRONMENTAL TESTING SUPPORT ASSESSMENT

Location	Date	Time	Total Chlorine	Dup	MS/MSD	Photo/s	On Site	Sample Port
WS01AW001	28-Sep-09	1036	<0.02	**y**	n	y	Tt, I, PHC, PW Envt.	y
WS02AW001	28-Sep-09	1214	<0.02	**y**	**Y**	y	Tt, I, PHC, PW Envt.	y
WS03AW001	28-Sep-09	1329	<0.02	**y**	n	y	Tt, I, PHC, PW Envt.	y
WS04AW001	1-Oct-09	1038	<0.02	**y**	n	y	Tt, I, PHC, PW Envt. , ARIN	y
WS05AW001	1-Oct-09	1238	<0.02	**y**	n	y	Tt, I, PHC, PW Envt. , ARIN	y
WS06AW001	1-Oct-09	1327	<0.02	**y**	n	y	Tt, I, PHC, PW Envt. , ARIN	y
WS07AW001	7-Oct-09	1034	<0.02	**y**	n	y	Tt, I, PW Envt.	y
WS08AW001	7-Oct-09	1112	<0.02	**y**	n	y	Tt, I, PW Envt.	y
WS09AW001	7-Oct-09	1206	<0.02	**y**	n	y	Tt, I, PW Envt.	y
WS10AW001	8-Oct-09	1051	<0.02	n	n	y	Tt, I, PHC, PW Envt. , ARIN	y
WS11AW001	8-Oct-09	1208	<0.02	**y**	n	y	Tt, I, PHC, PW Envt. , ARIN	y
WS12AW001	14-Oct-09	1025	<0.02	**y**	n	y	Tt, I, PW Envt.	y
WS13AW001	14-Oct-09	1130	<0.02	**y**	n	n	Tt, I, PW Envt.	y
WS14AW001	14-Oct-09	1300	<0.02	**y**	n	n	Tt, I, PW Envt.	n, open flow concrete channel
			mg/L					

QA: 13 dups, no dup on location 10.
Rad dups (10)-1 thru 6 & 11 thru 14
Bacti dups(3) 1 thru 3
1 MS/MSD @ 02
Replicate samples were collected to insure adequate volume is available in case of breakage or loss at lab or during shipping.

Detection limit for Total Chlorine kit is 0.02 mg/L

Tt = Tetra Tech, **I** = Italian water authority, **PHC** = Navy & Marine Corps Public Health Center (T. Carotenuto),
PW = Capo PW environmental, **ARIN** = ARIN Lab-collected split samples under contract to the Italian water authority

ATTACHMENT C

Geographical Coordinates and Photographs of Aqueduct Water Sample Locations

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: Aqueduct 01 **City:** Torano
Additional Reference Number(s) w/ same addresss:
Address(es):

Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building (x)** **Building Gate ( )** **Parco Gate ( )** **Other ( )**
GPS Reading Location:
Point Description: point placed on sample location

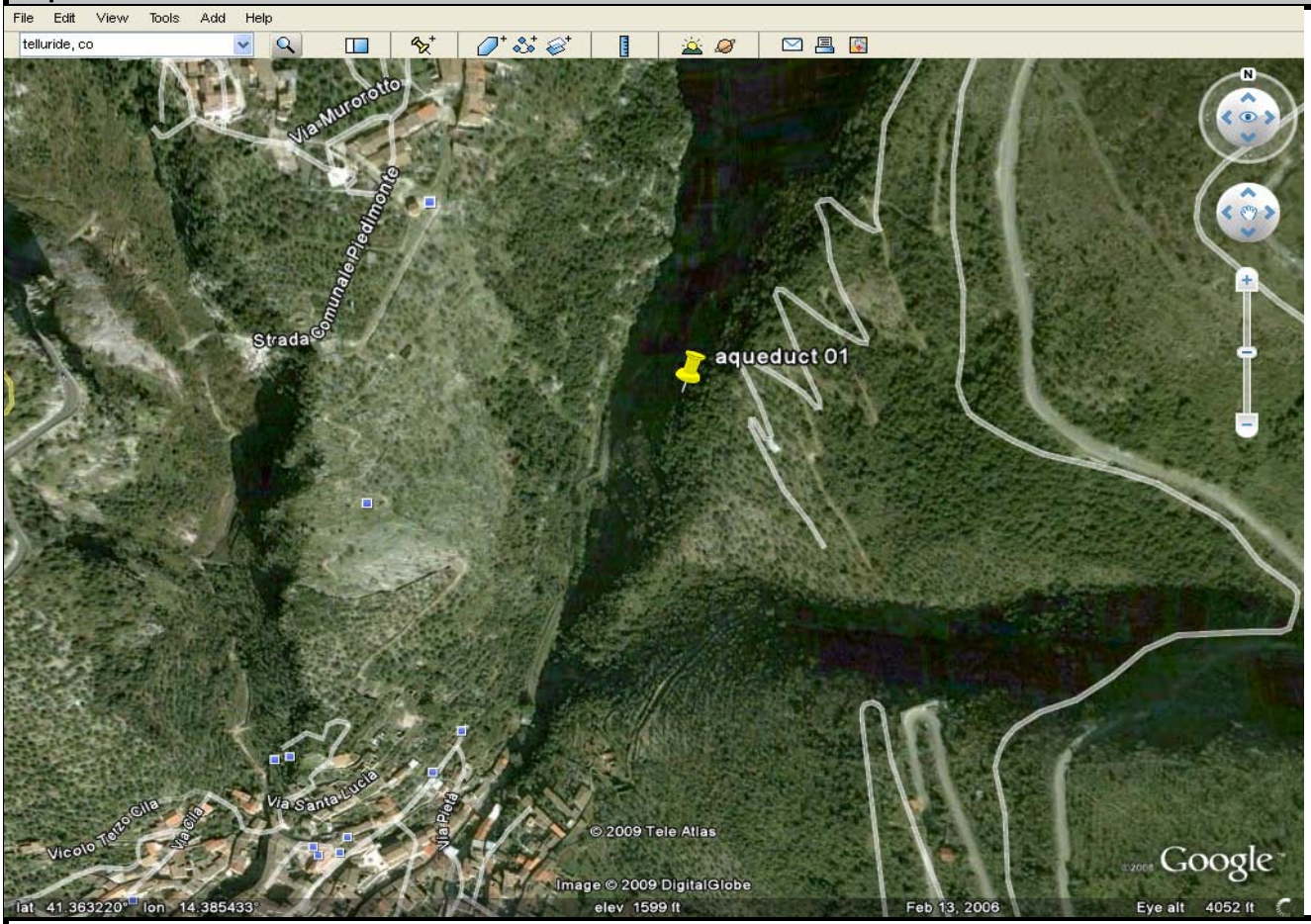
Aqueduct water sample location

Aditional Comments:

Street Access: **Easy (x)** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

General Comments:
Approximate location, mountain valley and tree coverage, poor GPS single.

Map



Prepared By: KS SC KW LI **Time:** 10:40 **Date:** 9/28/2009

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: Aqueduct 02 **City:** Auduni
Additional Reference Number(s) w/ same addresss:
Address(es):

Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building (x)** **Building Gate ( )** **Parco Gate ( )** **Other ( )**
GPS Reading Location:
Point Description: point placed on sample location

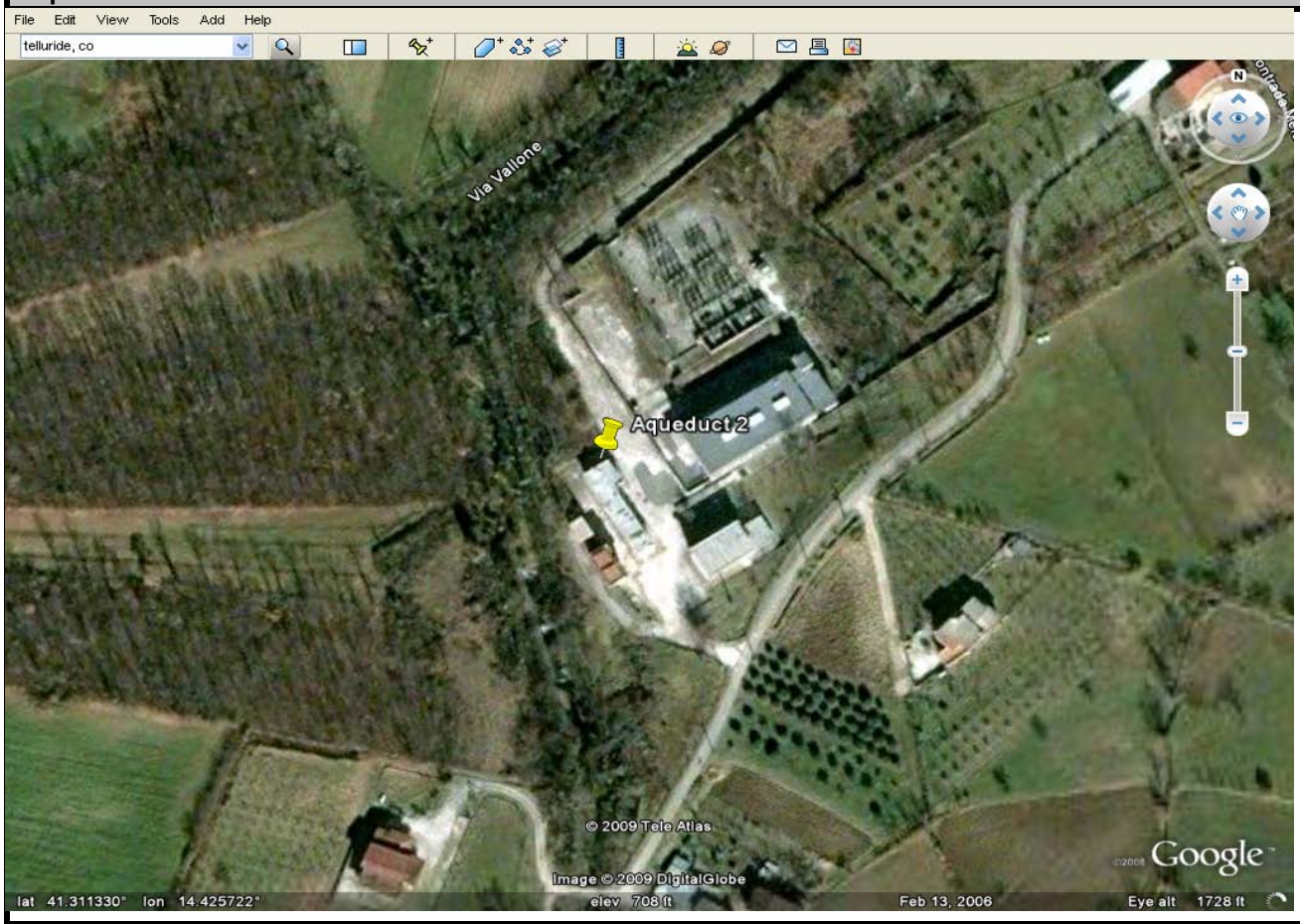
Aqueduct water sample location

Aditional Comments:

Street Access: **Easy (x)** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

General Comments:

Map



Prepared By: KS SC KW LI **Time:** 12:15 **Date:** 9/28/2009

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: Aqueduct 03 **City:** Maretto
Additional Reference Number(s) w/ same addresss:
Address(es):

Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building (x)** **Building Gate ( )** **Parco Gate ( )** **Other ( )**
GPS Reading Location:
Point Description: point placed on sample location

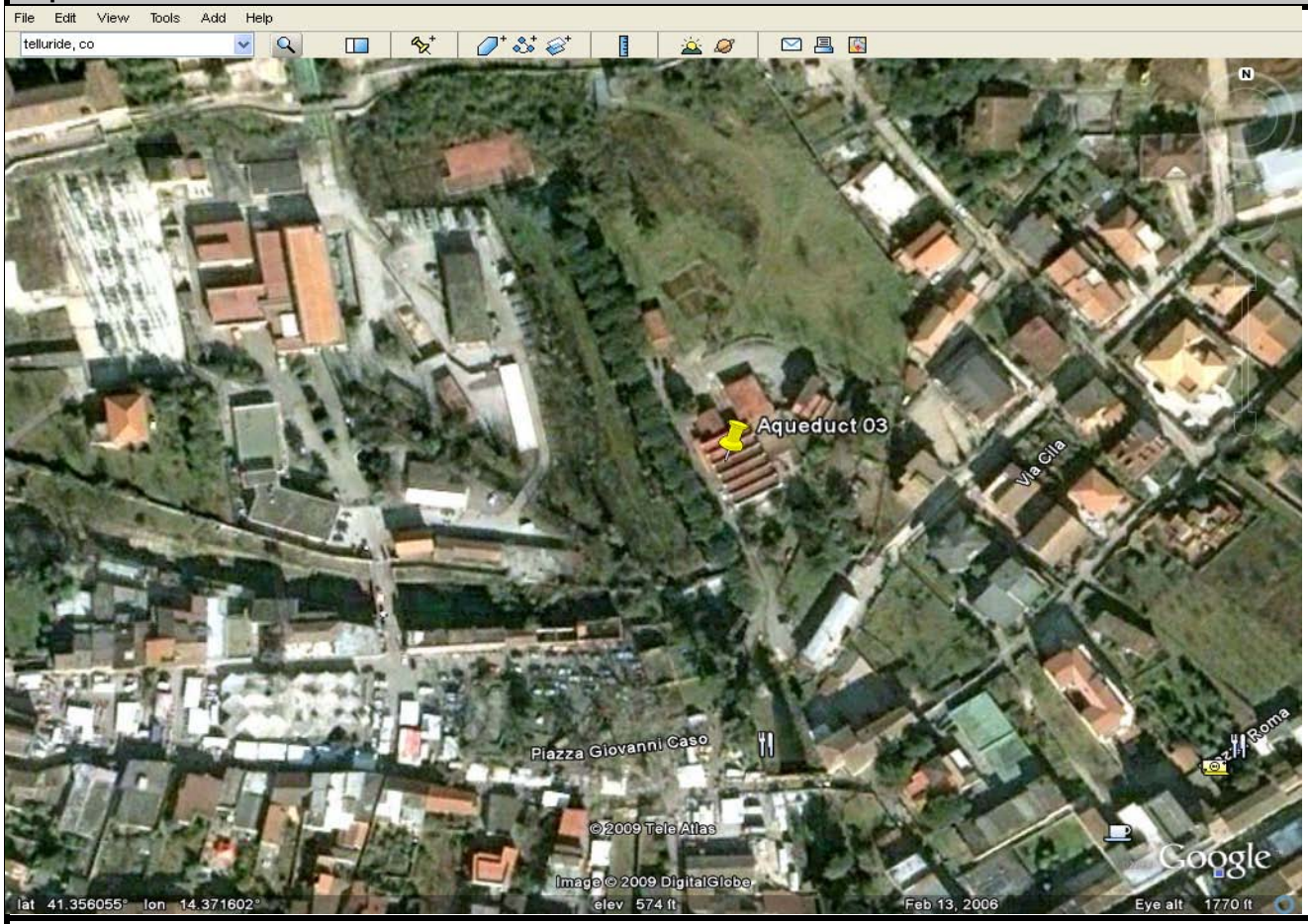
Aqueduct water sample location

Aditional Comments:

Street Access: **Easy (x)** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

General Comments:

Map



Prepared By: KS SC KW LI **Time:** 13:30 **Date:** 9/28/2009

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: **Aqueduct 04** **City:** **Cassino**
Additional Reference Number(s) w/ same addresss:
Address(es): Gari river

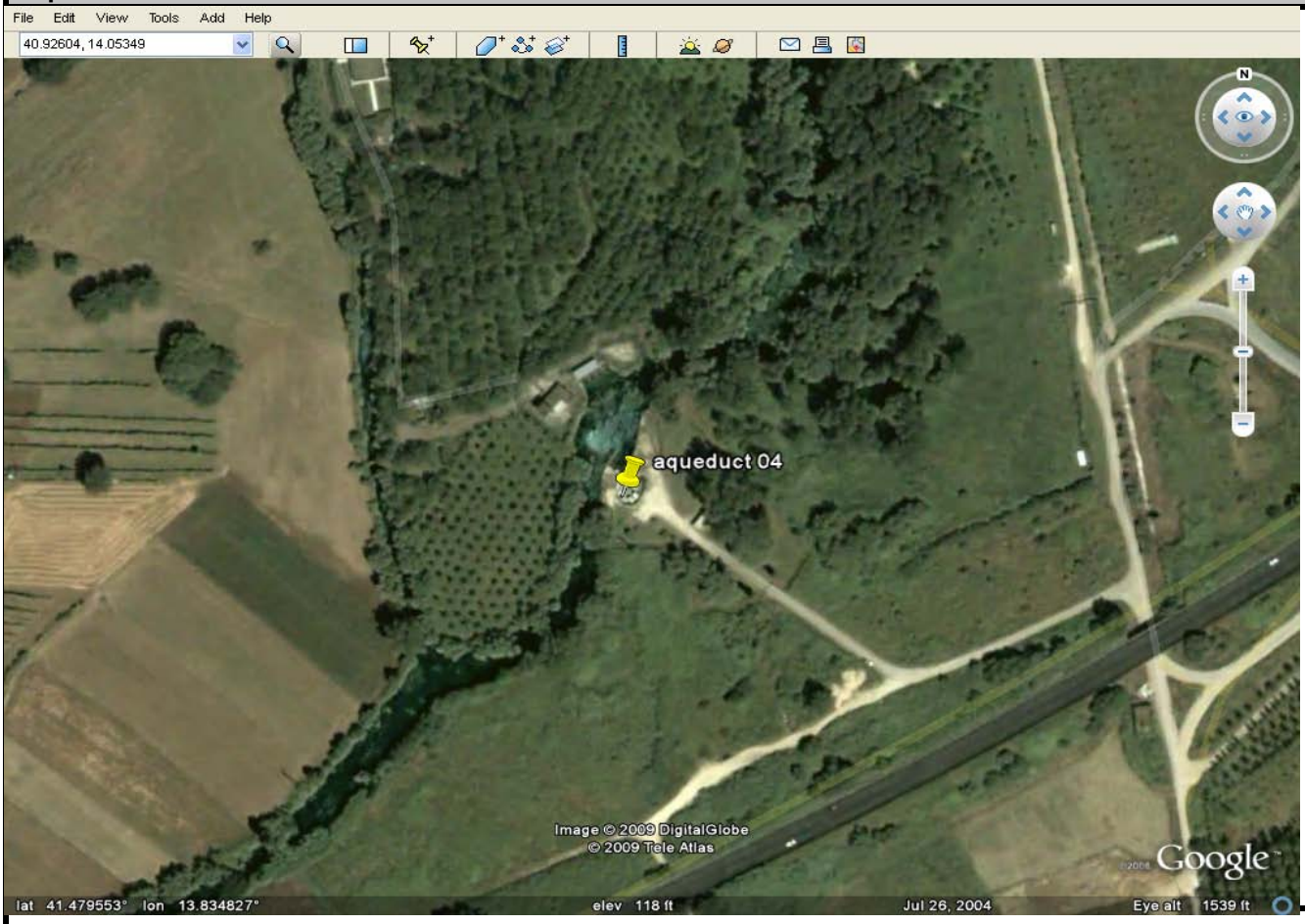
Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building (x)** **Building Gate ( )** **Parco Gate ( )** **Other ( )**
GPS Reading Location:
Point Description: point placed on sample location

Building Type: **Apartment ( )** **Duplex ( )** **Single Family Dwelling ()** **Other ( )**
Building Info: **Located in an apt. complex ( ) or Pacos ( )** **# of stories** __
Aditional Comments:

Street Access: **Easy (x)** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

General Comments:

Map



Prepared By: KS SC KW LI **Time:** 10:40 **Date:** 1-Oct-09

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: Aqueduct 05 **City:** San Bartolomeo
Additional Reference Number(s) w/ same addresss:
Address(es):

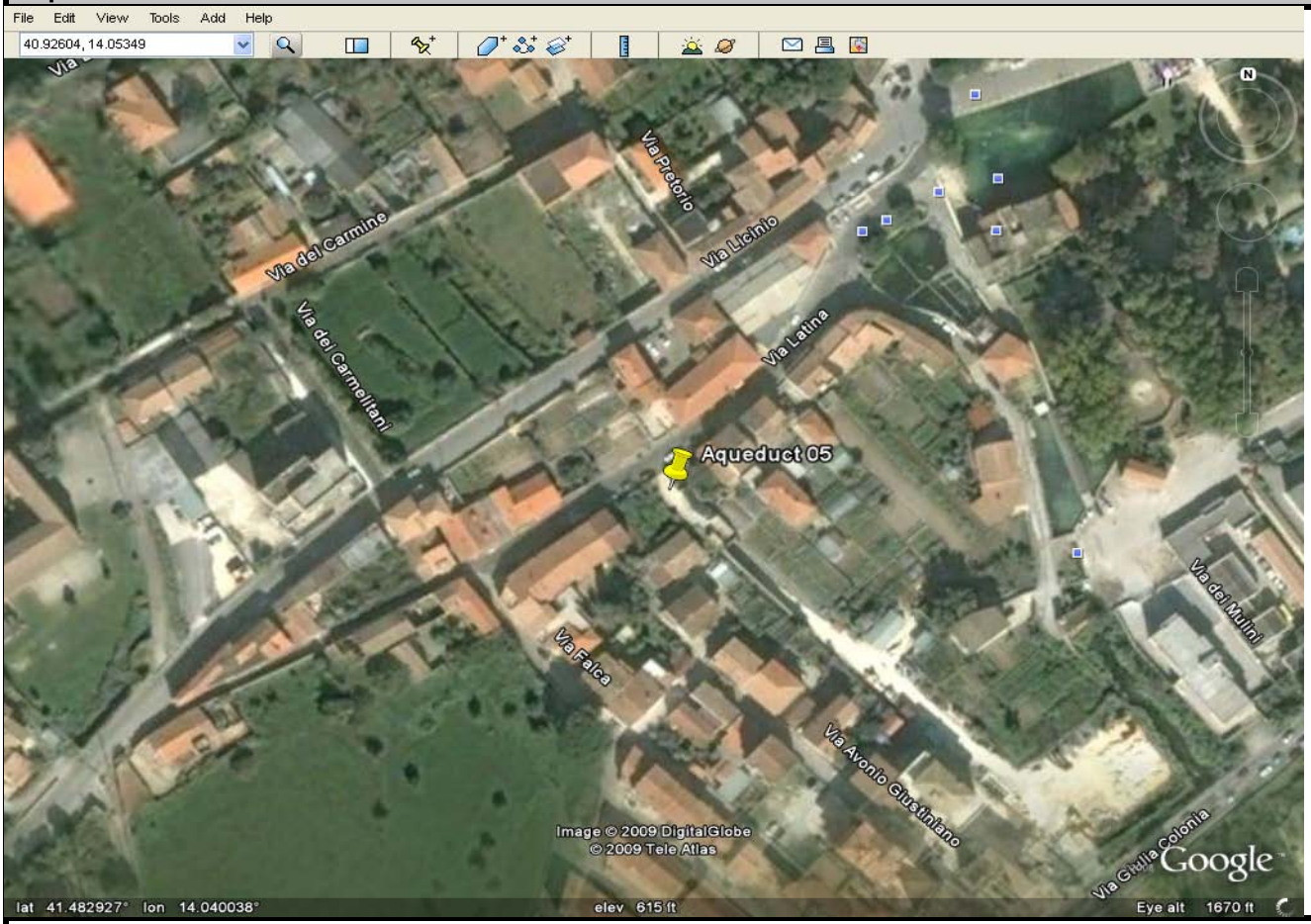
Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building ( )** **Building Gate ( )** **Parco Gate ( )** **Other ( )**
GPS Reading Location:
Point Description: point placed on sample location

Building Type: **Apartment ( )** **Duplex ( )** **Single Family Dwelling ()** **Other ( )**
Building Info: **Located in an apt. complex ( ) or Pacos ( )** **# of stories __**
Aditional Comments:

Street Access: **Easy (x)** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

General Comments:

Map



Prepared By: KS SC KW LI **Time:** 12:40 **Date:** 1-Oct-09

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: Aqueduct 06 **City:** Campo pozzi del peccia
Additional Reference Number(s) w/ same addresss: _____
Address(es): _____

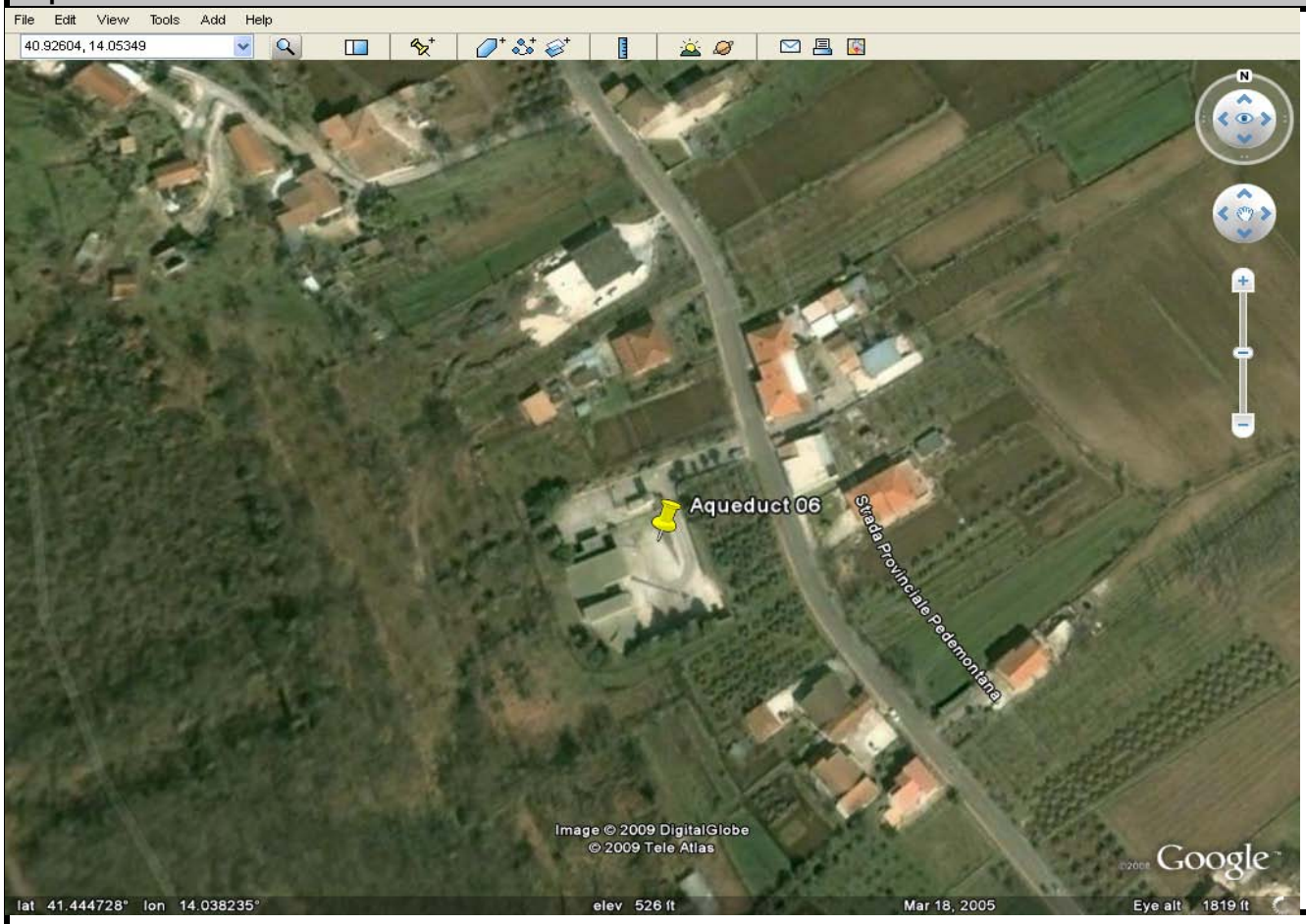
Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building (x)** **Building Gate ( )** **Parco Gate ( )** **Other ( )** _____
GPS Reading Location: _____
Point Description: point placed on sample location

Building Type: **Apartment ( )** **Duplex ( )** **Single Family Dwelling ()** **Other ( )**
Building Info: **Located in an apt. complex ( ) or Pacos ( )** **# of stories** __
Aditional Comments:

Street Access: **Easy (x)** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

General Comments:

Map



Prepared By: KS SC KW LI **Time:** 13:30 **Date:** 1-Oct-09

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: Aqueduct 07 **City:** MADDALONI
Additional Reference Number(s) w/ same addresss:
Address(es): CAMPO POZZI TAVANO I

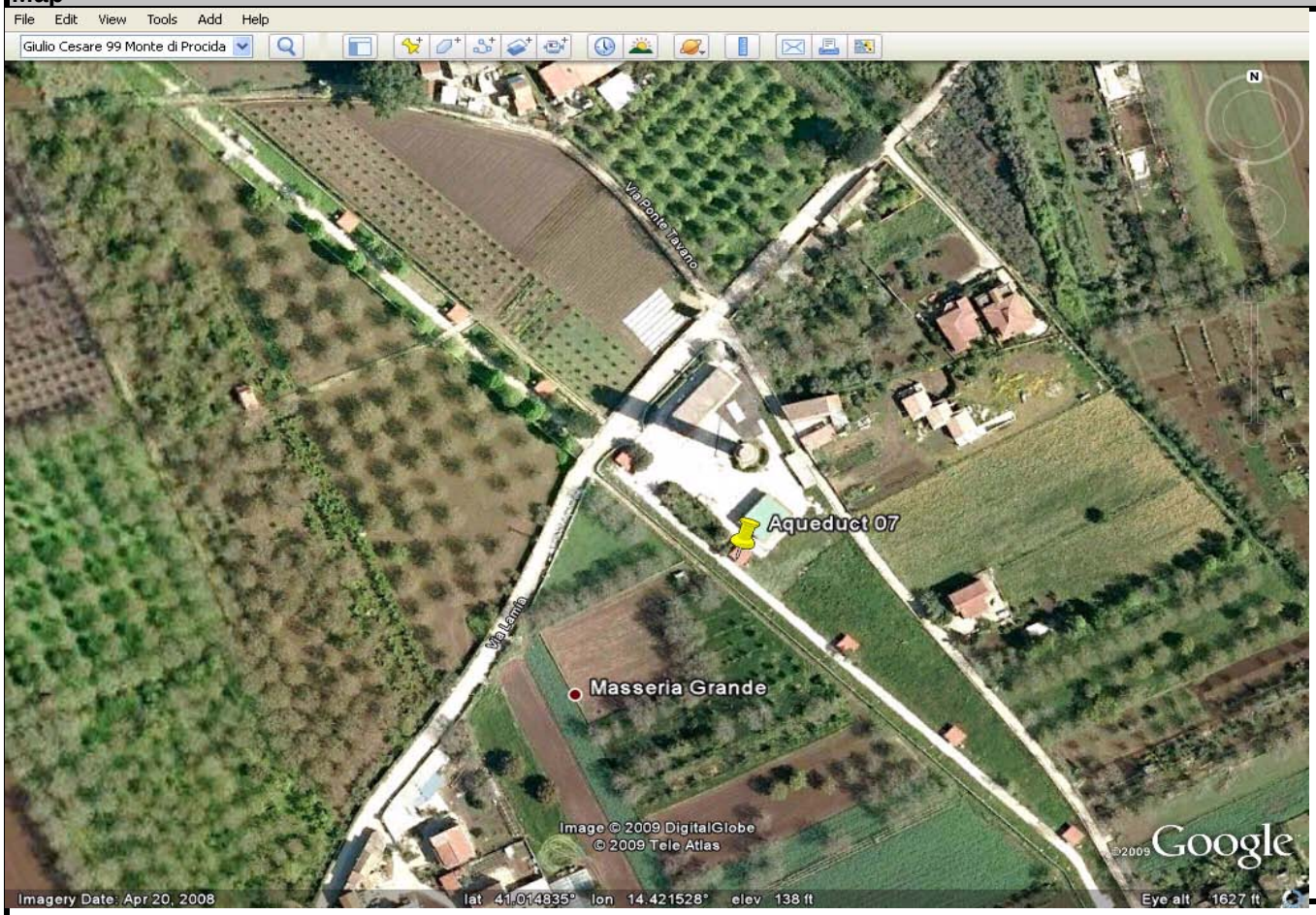
Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building (X)** **Building Gate ( )** **Parco Gate ( )** **Other ( )** _____
GPS Reading Location:
Point Description: point on sample location

Building Type: **Apartment ( )** **Duplex ( )** **Single Family Dwelling( )** **Other ()**
Building Info: **Located in an apt. complex ( ) or Pacos ( ) # of stories** __

Street Access: **Easy ( )** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

General Comments:

Map



Prepared By: TR KW LI SC **Time:** 10:35 **Date:** 7-Oct-09

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: Aqueduct08 **City:** MADDALONI
Additional Reference Number(s) w/ same addresss:
Address(es): CAMPO POZZI TAVANO II

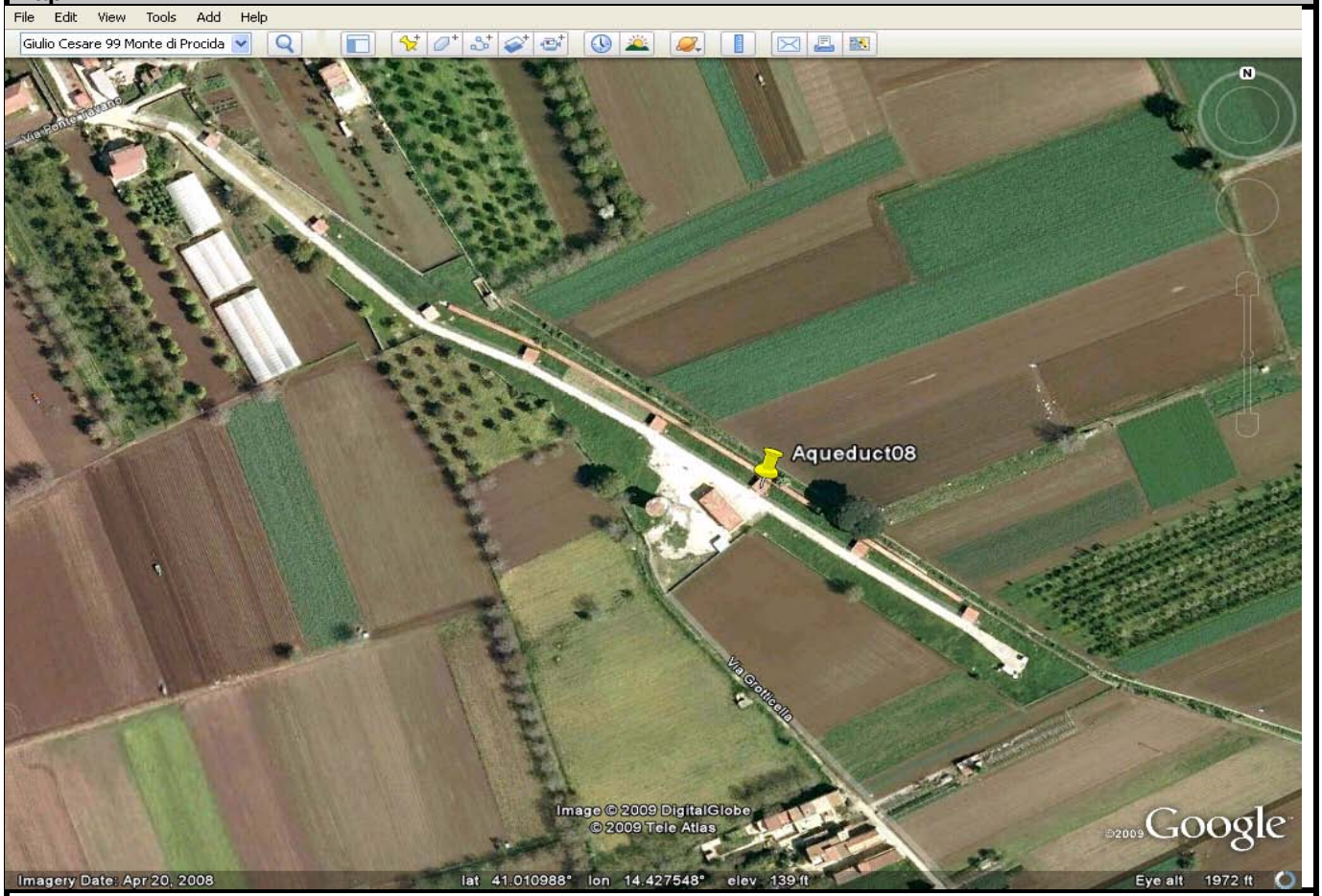
Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building (X)** **Building Gate ( )** **Parco Gate ( )** **Other ( )** _____
GPS Reading Location:
Point Description: point on sample location

Building Type: **Apartment ( )** **Duplex ( )** **Single Family Dwelling( )** **Other ()**
Building Info: **Located in an apt. complex ( ) or Pacos ( )** **# of stories** __

Street Access: **Easy ( )** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

General Comments:

Map



Prepared By: TR KW LI SC **Time:** 11:10 **Date:** 7-Oct-09

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: **Aqueduct 09** **City:** **San Felice a Cancello**

Additional Reference Number(s) w/ same addresss:

Address(es): pozzi galleria quota 80 (campo pozzi cancello)

Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information

Coordinates of: **Building (X)** **Building Gate ( )** **Parco Gate ( )** **Other ( )** _____

GPS Reading Location:

Point Description: point on sampling location

Building Type: **Apartment ( )** **Duplex ( )** **Single Family Dwelling( )** **Other ()**

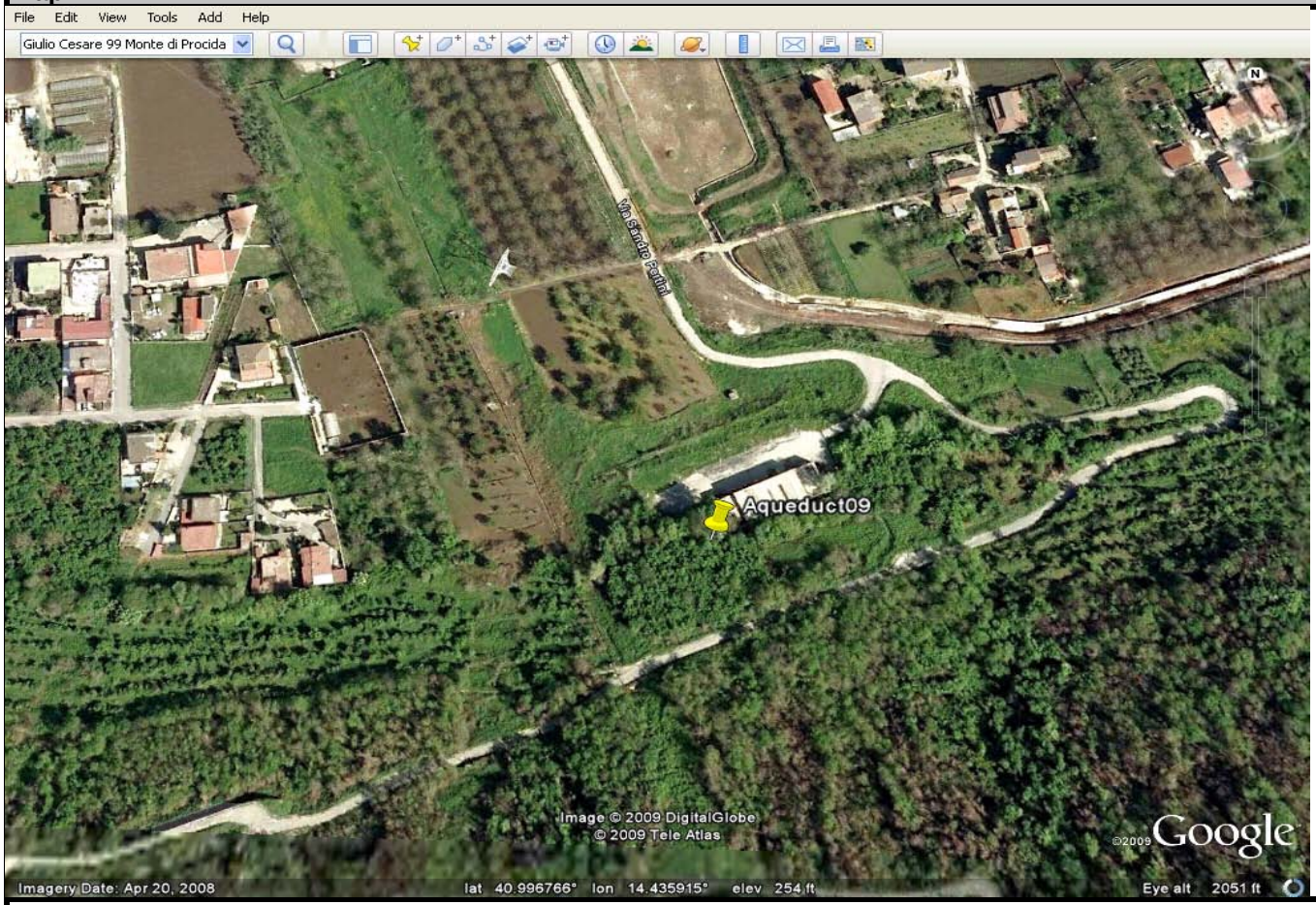
Building Info: **Located in an apt. complex ( ) or Pacos ( )** **# of stories** __

Street Access: **Easy ( )** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**

Additional Comments:

General Comments:

Map



Prepared By: TR KW LI SC **Time:** 12:10 **Date:** 10/7/2009

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: Aqueduct 10 **City:** Castelmorrone
Additional Reference Number(s) w/ same addresss:
Address(es): campo pozzi Santa Sofia

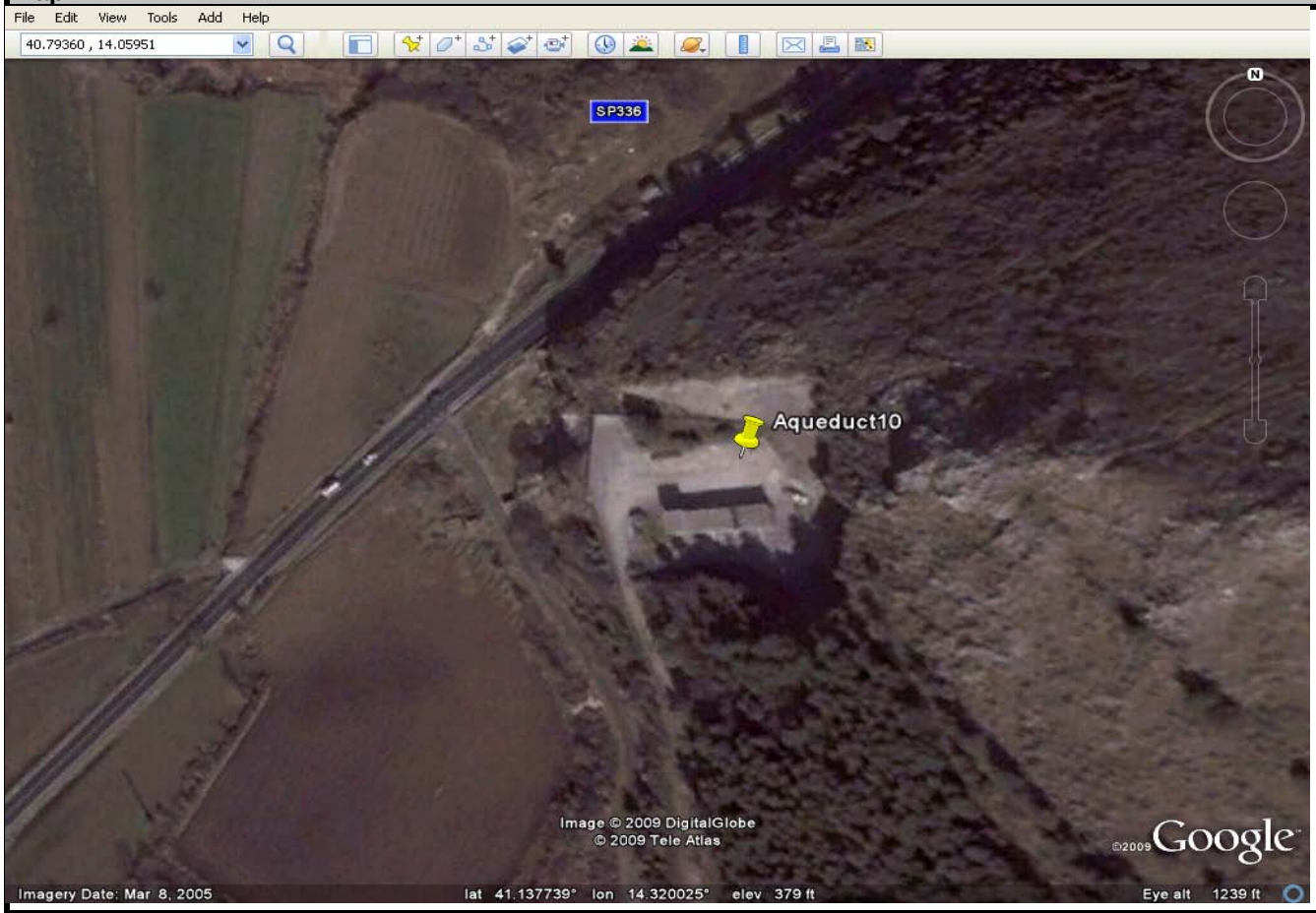
Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building (X)** **Building Gate ( )** **Parco Gate ( )** **Other ( )** _____
GPS Reading Location:
Point Description: point on sampling location

Building Type: **Apartment ( )** **Duplex ( )** **Single Family Dwelling( )** **Other ()**
Building Info: **Located in an apt. complex ( ) or Pacos ( )** **# of stories** __

Street Access: **Easy ( )** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

General Comments:

Map



Prepared By: TR KW SC RD **Time:** 11:00 **Date:** 10/8/2009

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: **Aqueduct 11** **City:** **Pontelatone (CE)**
Additional Reference Number(s) w/ same addresss:
Address(es): Campo pozzi Montemaggiore

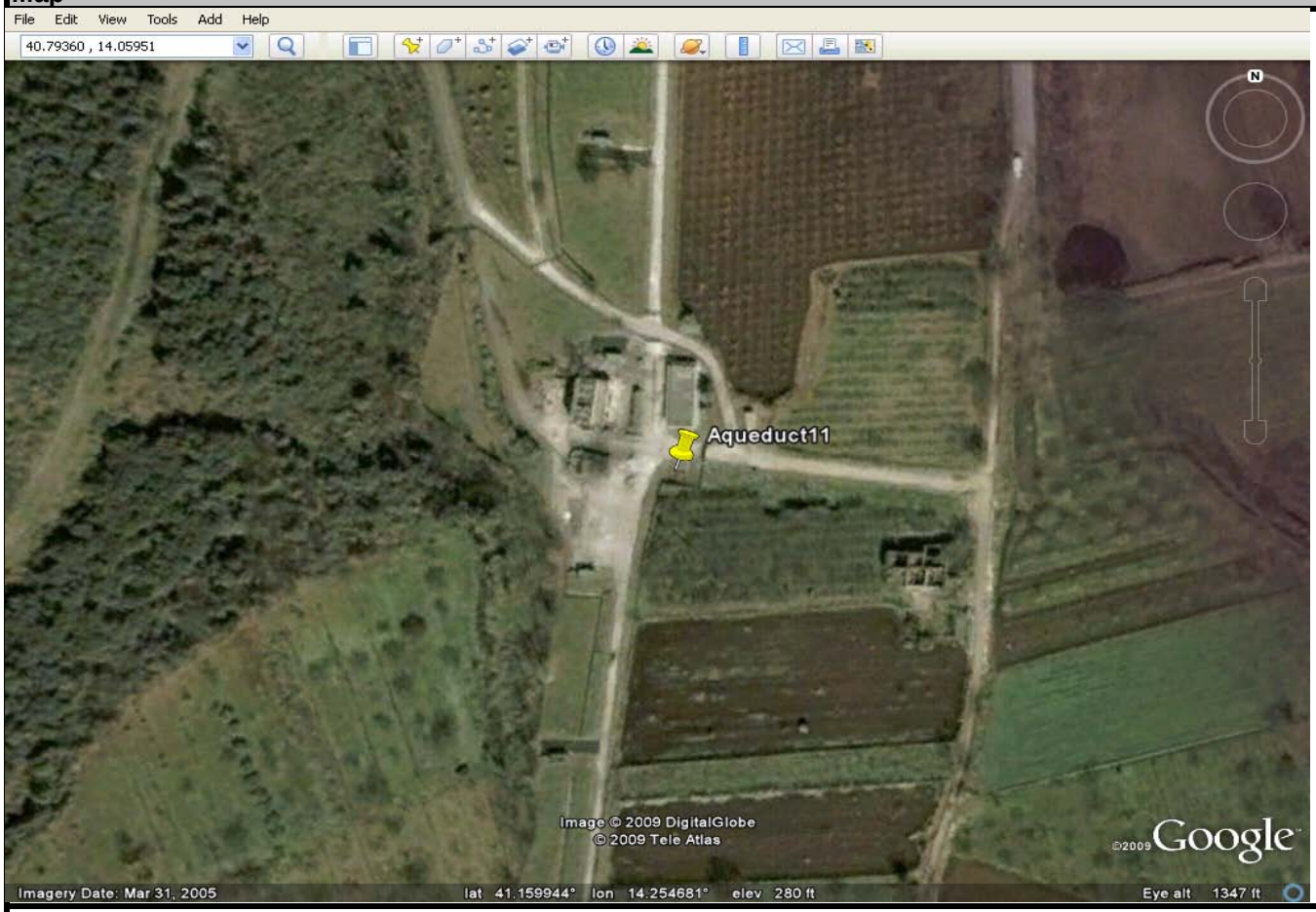
Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building (X)** **Building Gate ( )** **Parco Gate ( )** **Other ( )** _____
GPS Reading Location:
Point Description: point on sampling location

Building Type: **Apartment ( )** **Duplex ( )** **Single Family Dwelling( )** **Other ()**
Building Info: **Located in an apt. complex ( ) or Pacos ( )** **# of stories** __

Street Access: **Easy ( )** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

General Comments:

Map



Prepared By: TR KW SC RD **Time:** 12:10 **Date:** 10/8/2009

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: Aqueduct 12 **City:** Sarno
Additional Reference Number(s) w/ same addresss:
Address(es): campo pozzi Santa Maria La Foce

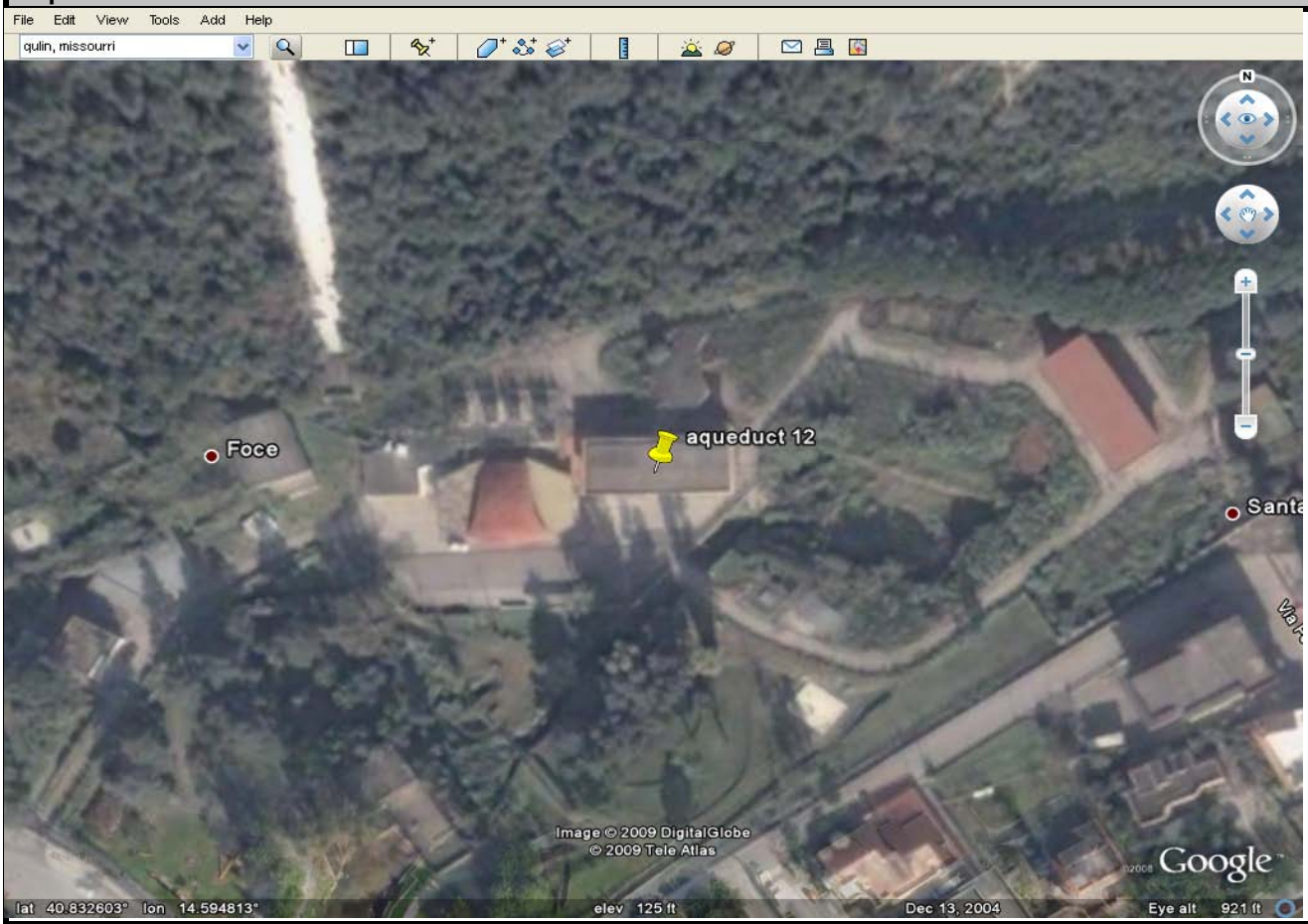
Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building (x)** **Building Gate ( )** **Parco Gate ( )** **Other ( )**
GPS Reading Location:
Point Description: point placed on sample location

Building Type: **Apartment ( )** **Duplex ( )** **Single Family Dwelling ()** **Other ( )**
Building Info: **Located in an apt. complex ( ) or Pacos ( )** **# of stories** __
Aditional Comments:

Street Access: **Easy (x)** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

General Comments:

Map



Prepared By: TR RD KW LI **Time:** 10:30 **Date:** 10/14/2009

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: **Aqueduct 13** **City:** **Sarno**
Additional Reference Number(s) w/ same addresss:
Address(es): Campo Pozzi Mercato Palazzo

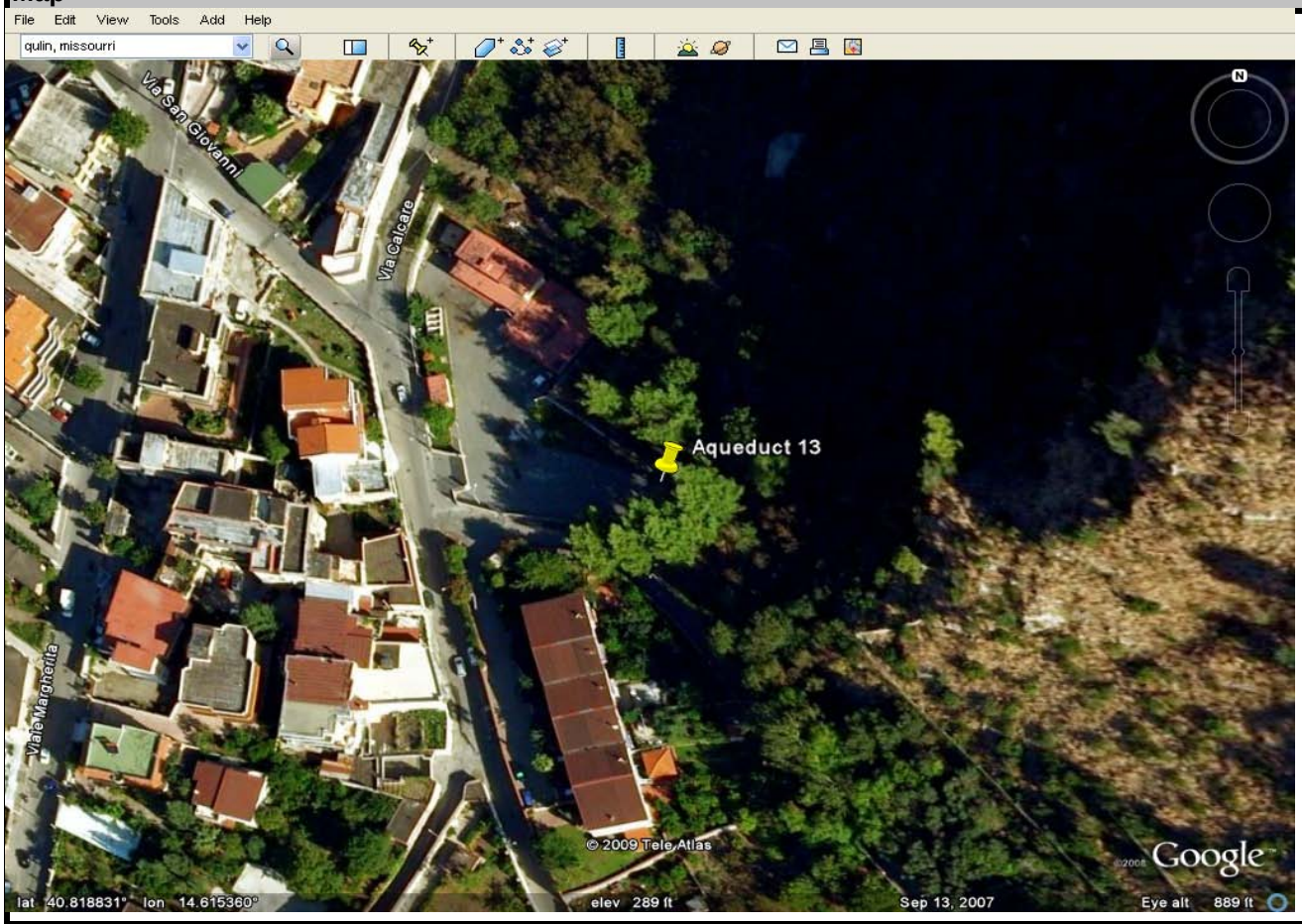
Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building (x)** **Building Gate ( )** **Parco Gate ( )** **Other ( )**
GPS Reading Location:
Point Description: point placed on sample location - tunnel door

Building Type: **Apartment ( )** **Duplex ( )** **Single Family Dwelling ()** **Other ( )**
Building Info: **Located in an apt. complex ( ) or Pacos ( )** **# of stories** __
Aditional Comments:

Street Access: **Easy (x)** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

General Comments:

Map



Prepared By: TR RD KW LI **Time:** 12:12 **Date:** 10/14/2009

NSA NAPLES - BUILDING CHECKLIST AND GPS SURVEY

Address Reference Number: **Aqueduct 14** **City:** **Sarno**
Additional Reference Number(s) w/ same addresss:
Address(es): Sorgente San Marina di Lavorate, Via Fiano Nocera Inferiore

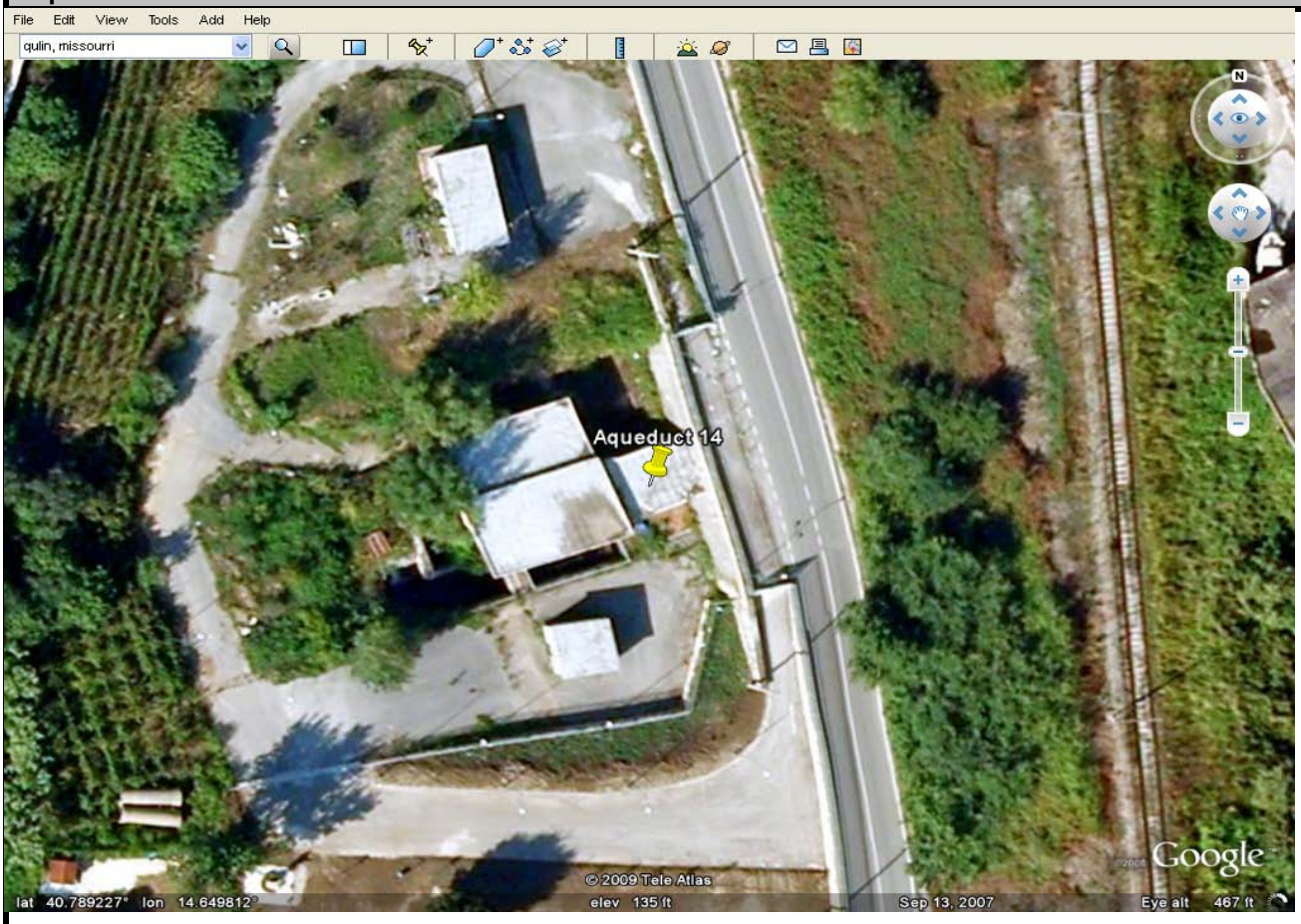
Coordinates: **Northerly:** Controlled Information **Easterly:** Controlled Information
Coordinates of: **Building (x)** **Building Gate ( )** **Parco Gate ( )** **Other ( )** _____
GPS Reading Location:
Point Description: point placed on sample location

Building Type: **Apartment ( )** **Duplex ( )** **Single Family Dwelling ()** **Other ( )**
Building Info: **Located in an apt. complex ( ) or Pacos ( )** **# of stories** __
Aditional Comments:

Street Access: **Easy (x)** **Moderate ( )** **Difficult ( )** **Very Difficult ( )**
Additional Comments:

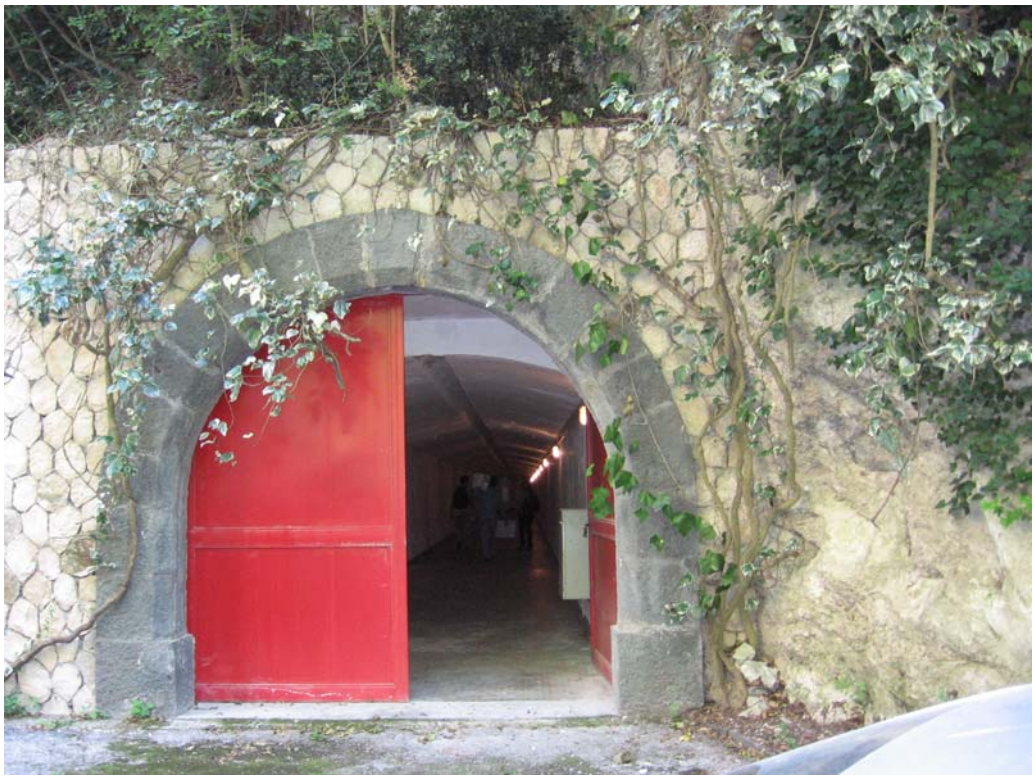
General Comments:

Map



Prepared By: TR RD KW LI **Time:** 13:45 **Date:** 10/14/2009

AQUEDUCT SAMPLING PHOTOGRAPHS
CAMPANIA ITALY





Location WS01AW001 Entrance above photo Sample Port below



Location WS02AW001 Photo of Sample Port





Location WS03AW001 Entrance above photo Sample Port below





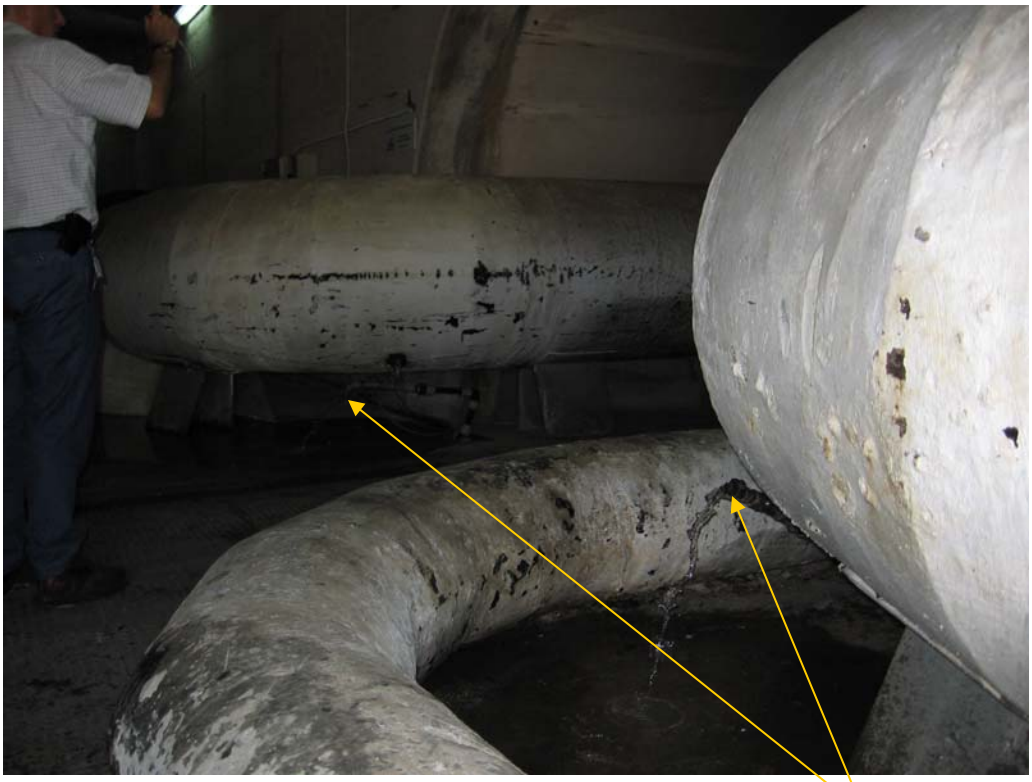
Location WS04AW001 Both Photos show Sample Port





Location WS05AW001 Entrance above photo Sample Port below





Location WS06AW001 Entrance above photo Sample Ports below





Location WS07AW001 Entrance above photo Sample Port below





Location WS08AW001 Entrance above photo Sample Port below





Location WS09AW001 Entrance above photo Sample Port below





Location WS10AW001 Location ID Sign above Sample Port below



Location WS11AW001 Location ID Sign and Sample Port





Location WS12AW001 General Sample Location above Sample Port below

Location WS13AW001

No Photo Available

Location WS14AW001

No Photo Available

ATTACHMENT D

Chains-of-Custody Forms for Aqueduct Water Samples

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-272

Project No: **112G01735**	Facility: **NAPLES NSA ITALY**	Project Manager: **Matt Soltis**	Carrier: **Hand Deliver**	Laboratory Name: **NSA Naples - Hospital Laboratory** **NSA Naples - Support Site** **Gricignano, Italy 81030**
Task No: **0002**	Turn Around Time: **Standard**	Field Ops Leader: **Terry Rojahn**	Carrier/Waybill No. **na**	Point of Contact: **Lt. Gardner** **DSN: 314 629-6299**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
09/28/2009	FD092809-01	00:00	**SM 9222D and B/Lab SOP M199**	QC	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	
09/28/2009	FD092809-02	00:00	**SM 9222D and B/Lab SOP M199**	QC	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	
09/28/2009	FD092809-03	00:00	**SM 9222D and B/Lab SOP M199**	QC	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	
09/28/2009	WS01AW001	10:36	**SM 9222D and B/Lab SOP M199**	WS01	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	
09/28/2009	WS02AW001	12:14	**SM 9222D and B/Lab SOP M199**	WS02	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	
09/28/2009	WS03AW001	13:29	**SM 9222D and B/Lab SOP M199**	WS03	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	

1. Relinquished By: **Keith Simpson**	Date: 09/28/2009	Time: 15:36	Received By: **Hand Deliver**	Date: 09/28/2009	Time: 15:36
2. Relinquished By: X [signature]	Date: 28 SEPT 09	Time: 15:36	Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-273

pell_COC/mail.

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G01735	**NAPLES NSA ITALY**	**Matt Soltis**	**DHL**	**SGS Institut Fresenius GmbH AM Technologie Park 10 Herten, Germany D-45699**
Task No:	Turn Around Time:	Field Ops Leader:	Carrier/Waybill No.	Point of Contact:
0002	**Rush** 7day	**Terry Rojahn**	**5301218285 / 5301218236**	**S. Schmidt +49 2366305656**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
09/28/2009	FD092809-01	00:00	SW-846 3050B/9013/Lab SOP M1504	QC	TW	Cyanide	4° C/NAOH	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	FD092809-01	00:00	SW-846 8290/Lab SOPs	QC	TW	Dioxins/Furans	4°C	4 2	Glass - Amber	1L	Additional volume collected - see COC Notes
09/28/2009	FD092809-01	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	QC	TW	Metals and Total Uranium	4°C/HNO3	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	FD092809-01	00:00	SW-846 5035/8260B-Lab SOP M1392	QC	TW	VOCs	4°C/HCL	6 3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
09/28/2009	FD092809-01	00:00	SW-846 9056/Lab SOPs M1505	QC	TW	Anions	4°C	2 2	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	FD092809-02	00:00	SW-846 9056/Lab SOPs M1505	QC	TW	Anions	4°C	2 2	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	FD092809-02	00:00	SW-846 5035/8260B-Lab SOP M1392	QC	TW	VOCs	4°C/HCL	6 3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
09/28/2009	FD092809-02	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	QC	TW	Metals and Total Uranium	4°C/HNO3	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	FD092809-02	00:00	SW-846 3050B/9013/Lab SOP M1504	QC	TW	Cyanide	4° C/NAOH	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	FD092809-02	00:00	SW-846 8290/Lab SOPs	QC	TW	Dioxins/Furans	4°C	4 0	Glass - Amber	1L	Additional volume collected - see COC Notes
09/28/2009	FD092809-03	00:00	SW-846 8290/Lab SOPs	QC	TW	Dioxins/Furans	4°C	4 2	Glass - Amber	1L	Additional volume collected - see COC Notes
09/28/2009	FD092809-03	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	QC	TW	Metals and Total Uranium	4°C/HNO3	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	FD092809-03	00:00	SW-846 5035/8260B-Lab SOP M1392	QC	TW	VOCs	4°C/HCL	6 3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
09/28/2009	FD092809-03	00:00	SW-846 3050B/9013/Lab SOP M1504	QC	TW	Cyanide	4° C/NAOH	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	FD092809-03	00:00	SW-846 9056/Lab SOPs M1505	QC	TW	Anions	4°C	2 2	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	TB092809-01	07:50	SW-846 5035/8260B-Lab SOP M1392	QC	AQ	VOCs	4°C/HCL	2 2	Glass - Clear	40ml vials	
09/28/2009	TB092809-02	07:32	SW-846 5035/8260B-Lab SOP M1392	QC	AQ	VOCs	4°C/HCL	2 0	Glass - Clear	40ml vials	
09/28/2009	WS01AW001	10:36	SW-846 5035/8260B-Lab SOP M1392	WS01	TW	VOCs	4°C/HCL	6 3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
09/28/2009	WS01AW001	10:36	SW-846 8290/Lab SOPs	WS01	TW	Dioxins/Furans	4°C	4 2	Glass -	1L	Additional volume collected - see COC Notes

									Amber		
09/28/2009	WS01AW001	10:36	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS01	TW	Metals and Total Uranium	4°C/HNO3	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	WS01AW001	10:36	SW-846 3050B/9013/Lab SOP M1504	WS01	TW	Cyanide	4° C/NAOH	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	WS01AW001	10:36	SW-846 9056/Lab SOPs M1505	WS01	TW	Anions	4°C	2 2	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	WS02AW001	12:14	SW-846 5035/8260B-Lab SOP M1392	WS02	TW	VOCs	4°C/HCL	18 9	Glass - Clear	40ml vials	Run MS/MSD. Additional volume collected - see COC Notes
09/28/2009	WS02AW001	12:14	SW-846 8290/Lab SOPs	WS02	TW	Dioxins/Furans	4°C	12 8	Glass - Amber	1L	Run MS/MSD. Additional volume collected - see COC Notes
09/28/2009	WS02AW001	12:14	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS02	TW	Metals and Total Uranium	4°C/HNO3	6 3	Plastic - PE	250ml	Run MS/MSD. Additional volume collected - see COC Notes
09/28/2009	WS02AW001	12:14	SW-846 3050B/9013/Lab SOP M1504	WS02	TW	Cyanide	4° C/NAOH	6 3	Plastic - PE	250ml	Run MS/MSD. Additional volume collected - see COC Notes
09/28/2009	WS02AW001	12:14	SW-846 9056/Lab SOPs M1505	WS02	TW	Anions	4°C	6 6	Plastic - PE	250ml	Run MS/MSD. Additional volume collected - see COC Notes
09/28/2009	WS03AW001	13:29	SW-846 5035/8260B-Lab SOP M1392	WS03	TW	VOCs	4°C/HCL	6 3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
09/28/2009	WS03AW001	13:29	SW-846 8290/Lab SOPs	WS03	TW	Dioxins/Furans	4°C	4 2	Glass - Amber	1L	Additional volume collected - see COC Notes
09/28/2009	WS03AW001	13:29	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS03	TW	Metals and Total Uranium	4°C/HNO3	2 2	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	WS03AW001	13:29	SW-846 3050B/9013/Lab SOP M1504	WS03	TW	Cyanide	4° C/NAOH	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
09/28/2009	WS03AW001	13:29	SW-846 9056/Lab SOPs M1505	WS03	TW	Anions	4°C	2 2	Plastic - PE	250ml	Additional volume collected - see COC Notes

1. Relinquished By: **Keith Simpson**	Date: 09/29/2009	Time: 16:29	Received By: **DHL**	Date: 09/29/2009	Time: 16:29
2. Relinquished By:	Date:	Time:	Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

COC received by mail 20090929 14:19

Comments:
Samples on this COC include additional volume(s) or replicate volumes collected for analysis as noted with the sample/analysis details. The additional volumes are provided to ensure shipment of samples with sufficient volume to run the required analysis (i.e. no loss of cooler in transit, Comments:
container breakage, Comments:
etc). After lab verifies that containers arrived and contain adequate volume for each prescribed analysis, Comments:
the lab should contact TtNUS before any excess volume is discarded/disposed. The additional volume should be used if laboratory procedures require., Comments:
Additional volume also provided for MS/MSD as indicated for the individual analysis.

TETRA TECH NUS, INC

238679

CHAIN OF CUSTODY
NUMBER: ED000000090-274

Project No: **112G01735**	Facility: **NAPLES NSA ITALY**	Project Manager: **Matt Soltis**	Carrier: **DHL**	Laboratory Name: **GEL Laboratories, LLC 2040 Savage Road Charleston, SC 29407**
Task No: **0002**	Turn Around Time: **Rush** 7day	Field Ops Leader: **Terry Rojahn**	Carrier/Waybill No. **5191753792 / 5191753781**	Point of Contact: **Amanda Rasco (843) 556-8171**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
09/28/2009	FD092809-01	00:00	**EPA 903.1-904-905-900**	QC	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	1	Plastic - PE	2L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
09/28/2009	FD092809-01	00:00	**Gamma Spec**	QC	TW	Gamma Spectrometry (incl Cs137)	HNO3 <2 pH	2	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
09/28/2009	FD092809-02	00:00	**EPA 903.1-904-905-900**	QC	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	1	Plastic - PE	2L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
09/28/2009	FD092809-02	00:00	**Gamma Spec**	QC	TW	Gamma Spectrometry (incl Cs137)	HNO3 <2 pH	2	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
09/28/2009	FD092809-03	00:00	**Gamma Spec**	QC	TW	Gamma Spectrometry (incl Cs137)	HNO3 <2 pH	2	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
09/28/2009	FD092809-03	00:00	**EPA 903.1-904-905-900**	QC	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	1	Plastic - PE	2L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
09/28/2009	WS01AW001	10:36	**Gamma Spec**	WS01	TW	Gamma Spectrometry (incl Cs137)	HNO3 <2 pH	2	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
09/28/2009	WS01AW001	10:36	**EPA 903.1-904-905-900**	WS01	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	1	Plastic - PE	2L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
09/28/2009	WS02AW001	12:14	**Gamma Spec**	WS02	TW	Gamma Spectrometry (incl Cs137)	HNO3 <2 pH	2	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
09/28/2009	WS02AW001	12:14	**EPA 903.1-904-905-900**	WS02	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	1	Plastic - PE	2L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
09/28/2009	WS03AW001	13:29	**Gamma Spec**	WS03	TW	Gamma Spectrometry (incl Cs137)	HNO3 <2 pH	2	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
09/28/2009	WS03AW001	13:29	**EPA 903.1-904-905-900**	WS03	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	1	Plastic - PE	2L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes

1. Relinquished By: **Keith Simpson**	Date: 10/02/2009	Time: 16:16	Received By: **DHL**	Date: 10/02/2009	Time: 16:16
2. Relinquished By:	Date:	Time:	Received By:	Date: 10/5/09	Time: 1400
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:
Samples on this COC include additional volume(s) or replicate volumes collected for analysis as noted with the sample/analysis details. The additional volumes are provided to ensure shipment of samples with sufficient volume to run the required analysis (i.e. no loss of cooler in transit, Comments:
container breakage, Comments:
etc). After lab verifies that containers arrived and contain adequate volume for each prescribed analysis, Comments:
the lab should contact TtNUS before any excess volume is discarded/disposed.

1/2

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-275

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G01735	**NAPLES NSA ITALY**	**Matt Soltis**	**DHL**	**SGS Institut Fresenius GmbH** **AM Technologie Park 10** **Herten, Germany D-45699**
Task No:	Turn Around Time:	Field Ops Leader:	Carrier/Waybill No.	Point of Contact:
0002	**Rush** 7day	**Terry Rojahn**	**5301218226 / 5301218215**	**S. Schmidt** **+49 2366305656**

431

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
001 10/01/2009	FD100109-01	00:00	**SW-846 8290/Lab SOPs**	QC	TW	Dioxins/Furans	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes
10/01/2009	FD100109-01	00:00	**SW-846 9056/Lab SOPs M1505**	QC	TW	Anions	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/01/2009	FD100109-01	00:00	**SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs**	QC	TW	Metals and Total Uranium	4° C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/01/2009	FD100109-01	00:00	**SW-846 5035/8260B-Lab SOP M1392**	QC	TW	VOCs	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
10/01/2009	FD100109-01	00:00	**SW-846 3050B/9013/Lab SOP M1504**	QC	TW	Cyanide	4° C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes
002 10/01/2009	FD100109-02	00:00	**SW-846 8290/Lab SOPs**	QC	TW	Dioxins/Furans	4°C	4	Glass - Amber	1L	
10/01/2009	FD100109-02	00:00	**SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs**	QC	TW	Metals and Total Uranium	4° C/HNO3	2	Plastic - PE	250ml	
10/01/2009	FD100109-02	00:00	**SW-846 9056/Lab SOPs M1505**	QC	TW	Anions	4°C	2	Plastic - PE	250ml	
10/01/2009	FD100109-02	00:00	**SW-846 5035/8260B-Lab SOP M1392**	QC	TW	VOCs	4°C/HCL	6	Glass - Clear	40ml vials	
10/01/2009	FD100109-02	00:00	**SW-846 3050B/9013/Lab SOP M1504**	QC	TW	Cyanide	4° C/NAOH	2	Plastic - PE	250ml	
003 10/01/2009	FD100109-03	00:00	**SW-846 9056/Lab SOPs M1505**	QC	TW	Anions	4°C	1	Plastic - PE	250ml	
10/01/2009	FD100109-03	00:00	**SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs**	QC	TW	Metals and Total Uranium	4° C/HNO3	1	Plastic - PE	250ml	
10/01/2009	FD100109-03	00:00	**SW-846 5035/8260B-Lab SOP M1392**	QC	TW	VOCs	4°C/HCL	3	Glass - Clear	40ml vials	
10/01/2009	FD100109-	00:00	**SW-846 8290/Lab SOPs**	QC	TW	Dioxins/Furans	4°C	2	Glass -	1L	

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97

98

	03								Amber			
10/01/2009	FD100109-03	00:00	SW-846 3050B/9013/Lab SOP M1504	QC	TW	Cyanide	4° C/NAOH	1	Plastic - PE	250ml		
10/01/2009	TB100109-01	07:47	SW-846 5035/8260B-Lab SOP M1392	QC	AQ	VOCs	4°C/HCL	2	Glass - Clear	40ml vials	TRIP BLANK	
10/01/2009	WS04AW001	10:38	SW-846 5035/8260B-Lab SOP M1392	WS04	TW	VOCs	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	
10/01/2009	WS04AW001	10:38	SW-846 8290/Lab SOPs	WS04	TW	Dioxins/Furans	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	
10/01/2009	WS04AW001	10:38	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS04	TW	Metals and Total Uranium	4° C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	
10/01/2009	WS04AW001	10:38	SW-846 3050B/9013/Lab SOP M1504	WS04	TW	Cyanide	4° C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	
10/01/2009	WS04AW001	10:38	SW-846 9056/Lab SOPs M1505	WS04	TW	Anions	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	
10/01/2009	WS05AW001	12:38	SW-846 5035/8260B-Lab SOP M1392	WS05	TW	VOCs	4°C/HCL	6	Glass - Clear	40ml vials		
10/01/2009	WS05AW001	12:38	SW-846 8290/Lab SOPs	WS05	TW	Dioxins/Furans	4°C	4	Glass - Amber	1L		
10/01/2009	WS05AW001	12:38	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS05	TW	Metals and Total Uranium	4° C/HNO3	2	Plastic - PE	250ml		
10/01/2009	WS05AW001	12:38	SW-846 3050B/9013/Lab SOP M1504	WS05	TW	Cyanide	4° C/NAOH	2	Plastic - PE	250ml		
10/01/2009	WS05AW001	12:38	SW-846 9056/Lab SOPs M1505	WS05	TW	Anions	4°C	2	Plastic - PE	250ml		
10/01/2009	WS06AW001	13:27	SW-846 5035/8260B-Lab SOP M1392	WS06	TW	VOCs	4°C/HCL	3	Glass - Clear	40ml vials		
10/01/2009	WS06AW001	13:27	SW-846 8290/Lab SOPs	WS06	TW	Dioxins/Furans	4°C	2	Glass - Amber	1L		
10/01/2009	WS06AW001	13:27	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS06	TW	Metals and Total Uranium	4° C/HNO3	1	Plastic - PE	250ml		
10/01/2009	WS06AW001	13:27	SW-846 3050B/9013/Lab SOP M1504	WS06	TW	Cyanide	4° C/NAOH	1	Plastic - PE	250ml		
10/01/2009	WS06AW001	13:27	SW-846 9056/Lab SOPs M1505	WS06	TW	Anions	4°C	1	Plastic - PE	250ml		

1. Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Keith Simpson	10/01/2009	16:37	**DHL**	10/01/2009	16:37
2. Relinquished By:	Date:	Time:	Received By:	Date:	Time:
				20091008	09:33
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:
All FD (dups)samples are to be placed on hold, Comments:
do not run., Comments:

12

Split shipment second 1/2 will be shipped on 2 Oct 2009. Both DHL numbers on this COC., Comments:
Samples on this COC include additional volume(s) or replicate volumes collected for analysis as noted with the sample/analysis details. The additional volumes are provided to ensure shipment of samples with sufficient volume to run the required analysis (i.e. no loss of cooler in transit, Comments:
container breakage, Comments:
etc). After lab verifies that containers arrived and contain adequate volume for each prescribed analysis, Comments:
the lab should contact TtNUS before any excess volume is discarded/disposed.

Comments: only Sple WS06 MW001 shall be stored/disposed as usual EDH

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-276

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G01735	**NAPLES NSA ITALY**	**Matt Soltis**	**Hand Deliver**	**NSA Naples - Hospital Laboratory** **NSA Naples - Support Site** **Gricignano, Italy 81030**
Task No:	Turn Around Time:	Field Ops Leader:	Carrier/Waybill No.	Point of Contact:
0002	**Rush** 48hr.	**Terry Rojahn**	**na**	**Lt. Gardner** **DSN: 314 629-6299**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
10/01/2009	FD100109-02	00:00	**SM 9222D and B/Lab SOP M199**	QC	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	0	Plastic - Steril PE	1L	
10/01/2009	FD100109-03	00:00	**SM 9222D and B/Lab SOP M199**	QC	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	0	Plastic - Steril PE	1L	
10/01/2009	WS04AW001	10:38	**SM 9222D and B/Lab SOP M199**	WS04	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	
10/01/2009	WS05AW001	12:38	**SM 9222D and B/Lab SOP M199**	WS05	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	1	Plastic - Steril PE	1L	
10/01/2009	WS06AW001	13:27	**SM 9222D and B/Lab SOP M199**	WS06	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	

1. Relinquished By: **Keith Simpson**	Date: 10/01/2009	Time: 15:01	Received By: **Hand Deliver**	Date: 10/01/2009	Time: 15:01
2. Relinquished By: *[signature]*	Date: 10.1.09	Time: 15:01	Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:
Samples on this COC include additional volume(s) or replicate volumes collected for analysis as noted with the sample/analysis details. The additional volumes are provided to ensure shipment of samples with sufficient volume to run the required analysis (i.e. no loss of cooler in transit, Comments:
container breakage, Comments:
etc). After lab verifies that containers arrived and contain adequate volume for each prescribed analysis, Comments:
the lab should contact TtNUS before any excess volume is discarded/disposed.

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-277

Project No: **112G01735**	Facility: **NAPLES NSA ITALY**	Project Manager: **Matt Soltis**	Carrier: **DHL**	Laboratory Name: **GEL Laboratories, LLC 2040 Savage Road Charleston, SC 29407**
Task No: **0002**	Turn Around Time: **Rush** 7day	Field Ops Leader: **Terry Rojahn**	Carrier/Waybill No. **5191753792 / 5191753781**	Point of Contact: **Amanda Rasco (843) 556-8171**

	Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
1	10/01/2009	FD100109-01	00:00	**EPA 903.1-904-905-900**	QC	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	4	Plastic - PE	1L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
0	10/01/2009	FD100109-01	00:00	**Gamma Spec**	QC	TW	Gamma Spectrometry (incl Cs137)	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
1	10/01/2009	FD100109-02	00:00	**EPA 903.1-904-905-900**	QC	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	2	Plastic - PE	2L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes
0	10/01/2009	FD100109-02	00:00	**Gamma Spec**	QC	TW	Gamma Spectrometry (incl Cs137)	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
1	10/01/2009	FD100109-03	00:00	**EPA 903.1-904-905-900**	QC	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	2	Plastic - PE	1L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes
1	10/01/2009	FD100109-03	00:00	**Gamma Spec**	QC	TW	Gamma Spectrometry (incl Cs137)	HNO3 <2 pH	1	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
2	10/01/2009	WS04AW001	10:38	**Gamma Spec**	WS04	TW	Gamma Spectrometry (incl Cs137)	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
4	10/01/2009	WS04AW001	10:38	**EPA 903.1-904-905-900**	WS04	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	4	Plastic - PE	1L	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
1	10/01/2009	WS05AW001	12:38	**Gamma Spec**	WS05	TW	Gamma Spectrometry (incl Cs137)	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
3	10/01/2009	WS05AW001	12:38	**EPA 903.1-904-905-900**	WS05	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	2	Plastic - PE	2L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes
:	10/01/2009	WS06AW001	13:27	**Gamma Spec**	WS06	TW	Gamma Spectrometry (incl Cs137)	HNO3 <2 pH	1	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
2	10/01/2009	WS06AW001	13:27	**EPA 903.1-904-905-900**	WS06	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	2	Plastic - PE	1L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes

1. Relinquished By: **Keith Simpson**	Date: 10/02/2009	Time: 16:16	Received By: **DHL**	Date: 10/02/2009	Time: 16:16

2. Relinquished By:	Date:	Time:	Received By:	Date:	Time:
			J Pellgrini	6/5/09	1900
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:
Samples on this COC include additional volume(s) or replicate volumes collected for analysis as noted with the sample/analysis details. The additional volumes are provided to ensure shipment of samples with sufficient volume to run the required analysis (i.e. no loss of cooler in transit, Comments:
container breakage, Comments:
etc). After lab verifies that containers arrived and contain adequate volume for each prescribed analysis, Comments:
the lab should contact TtNUS before any excess volume is discarded/disposed

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-278

Project No: **112G01735**	Facility: **NAPLES NSA ITALY**	Project Manager: **Matt Soltis**	Carrier: **Hand Deliver**	Laboratory Name: **NSA Naples - Hospital Laboratory** **NSA Naples - Support Site** **Gricignano, Italy 81030**
Task No: **0002**	Turn Around Time: **Standard**	Field Ops Leader: **Terry Rojahn**	Carrier/Waybill No.	Point of Contact: **Lt. Gardner** **DSN: 314 629-6299**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
10/07/2009	WS07AW001	10:34	**SM 9222D and B/Lab SOP M199**	WS07	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes
10/07/2009	WS08AW001	11:12	**SM 9222D and B/Lab SOP M199**	WS08	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes
10/07/2009	WS09AW001	12:06	**SM 9222D and B/Lab SOP M199**	WS09	TW	Fecal and Total Coliform	4°C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes

1. Relinquished By: **John Wright**	Date: 10/07/2009	Time: 14:00	Received By: **Hand Deliver**	Date: 10/07/2009	Time: 14:00
2. Relinquished By:	Date: 10/7/09.	Time: 14:45	Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:
Additional volume collected in case of breakage/spillage.

2/2

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-278

Project No: **112G01735**	Facility: **NAPLES NSA ITALY**	Project Manager: **Matt Soltis**	Carrier: **DHL**	Laboratory Name: **SGS - Support Site Lab** **NSA Naples - Support Site** **Grigignano, Italy 81030**
431 Task No: **0002**	Turn Around Time: **Rush** 7day	Field Ops Leader: **Terry Rojahn**	Carrier/Waybill No. **5301218215**	Point of Contact: **S. Schmidt** **+49 2366305656**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
10/01/2009	TB100109-02	07:51	SW-846 5035/8260B-Lab SOP M1392	QC	AQ	VOCs	4°C/HCL	2 ✓	Glass - Clear	40ml vials	

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1. Relinquished By: **Keith Simpson**	Date: 10/02/2009	Time: 16:28	Received By: **DHL**	Date: 10/02/2009	Time: 16:28
2. Relinquished By:	Date:	Time:	Received By:	Date: 20091005	Time: 09:33
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-279

20091008
mailed/prel

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G01735	**NAPLES NSA ITALY**	**Matt Soltis**	**DHL**	**SGS Institut Fresenius GmbH AM Technologie Park 10 Herten, Germany D-45699**
Task No:	Turn Around Time:	Field Ops Leader:	Carrier/Waybill No.	Point of Contact:
0002	**Rush** 7day	**Terry Rojahn**	**530 1218 193 / 536 4330 591**	**S. Schmidt +49 2366305656**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
10/07/2009	FD100709-01	00:00	SW-846 3050B/9013/Lab SOP M1504	QC	TW	Cyanide	4°C/NAOH	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	FD100709-01	00:00	SW-846 5035/8260B-Lab SOP M1392	QC	TW	VOCs	4°C/HCL	6 3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
10/07/2009	FD100709-01	00:00	SW-846 9056/Lab SOPs M1505	QC	TW	Anions	4°C	2 ✓	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	FD100709-01	00:00	SW-846 8290/Lab SOPs	QC	TW	Dioxins/Furans	4°C	4 2	Glass - Amber	1L	Additional volume collected - see COC Notes
10/07/2009	FD100709-01	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	QC	TW	Metals and Total Uranium	4°C/HNO3	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	FD100709-02	00:00	SW-846 5035/8260B-Lab SOP M1392	QC	TW	VOCs	4°C/HCL	6 3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
10/07/2009	FD100709-02	00:00	SW-846 9056/Lab SOPs M1505	QC	TW	Anions	4°C	2 ✓	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	FD100709-02	00:00	SW-846 3050B/9013/Lab SOP M1504	QC	TW	Cyanide	4°C/NAOH	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	FD100709-02	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	QC	TW	Metals and Total Uranium	4°C/HNO3	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	FD100709-02	00:00	SW-846 8290/Lab SOPs	QC	TW	Dioxins/Furans	4°C	4 2	Glass - Amber	1L	Additional volume collected - see COC Notes
10/07/2009	FD100709-03	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	QC	TW	Metals and Total Uranium	4°C/HNO3	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	FD100709-03	00:00	SW-846 5035/8260B-Lab SOP M1392	QC	TW	VOCs	4°C/HCL	6 3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
10/07/2009	FD100709-03	00:00	SW-846 9056/Lab SOPs M1505	QC	TW	Anions	4°C	2 ✓	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	FD100709-03	00:00	SW-846 3050B/9013/Lab SOP M1504	QC	TW	Cyanide	4°C/NAOH	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	FD100709-03	00:00	SW-846 8290/Lab SOPs	QC	TW	Dioxins/Furans	4°C	4 2	Glass - Amber	1L	Additional volume collected - see COC Notes
10/07/2009	TB100709-01	08:00	SW-846 5035/8260B-Lab SOP M1392	QC	AQ	VOCs	4°C/HCL	2 ✓	Glass - Clear	40ml vials	TRIP BLANK
10/07/2009	TB100709-02	08:05	SW-846 5035/8260B-Lab SOP M1392	QC	AQ	VOCs	4°C/HCL	2 X	Glass - Clear	40ml vials	TRIP BLANK
10/07/2009	WS07AW001	10:34	SW-846 5035/8260B-Lab SOP M1392	WS07	TW	VOCs	4°C/HCL	6 3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
10/07/2009	WS07AW001	10:34	SW-846 8290/Lab SOPs	WS07	TW	Dioxins/Furans	4°C	4 2	~~Glass - Amber~~	1L	1X [illegible] Additional volume collected - see COC Notes
10/07/2009	WS07AW001	10:34	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS07	TW	Metals and Total Uranium	4°C/HNO3	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	WS07AW001	10:34	SW-846 3050B/9013/Lab SOP M1504	WS07	TW	Cyanide	4°C/NAOH	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	WS07AW001	10:34	SW-846 9056/Lab SOPs M1505	WS07	TW	Anions	4°C	2 ✓	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	WS08AW001	11:12	SW-846 5035/8260B-Lab SOP M1392	WS08	TW	VOCs	4°C/HCL	6 3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
10/07/2009	WS08AW001	11:12	SW-846 8290/Lab SOPs	WS08	TW	Dioxins/Furans	4°C	4 2	Glass - Amber	1L	Additional volume collected - see COC Notes
10/07/2009	WS08AW001	11:12	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS08	TW	Metals and Total Uranium	4°C/HNO3	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	WS08AW001	11:12	SW-846 3050B/9013/Lab SOP M1504	WS08	TW	Cyanide	4°C/NAOH	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	WS08AW001	11:12	SW-846 9056/Lab SOPs M1505	WS08	TW	Anions	4°C	2 ✓	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	WS09AW001	12:06	SW-846 5035/8260B-Lab SOP M1392	WS09	TW	VOCs	4°C/HCL	6 3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
10/07/2009	WS09AW001	12:06	SW-846 8290/Lab SOPs	WS09	TW	Dioxins/Furans	4°C	4 2	Glass - Amber	1L	Additional volume collected - see COC Notes
10/07/2009	WS09AW001	12:06	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS09	TW	Metals and Total Uranium	4°C/HNO3	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	WS09AW001	12:06	SW-846 3050B/9013/Lab SOP M1504	WS09	TW	Cyanide	4°C/NAOH	2 1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/07/2009	WS09AW001	12:06	SW-846 9056/Lab SOPs M1505	WS09	TW	Anions	4°C	2 ✓	Plastic - PE	250ml	Additional volume collected - see COC Notes

432
.001 .002 .003 .004 .005 .006 .007 .008
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28 29 30 31 32 33 34

1. Relinquished By:	Date:	Time:	Received By:	Date:	Time:
John Wright	10/07/2009	16:00	**DHL**	10/07/2009	16:00
2. Relinquished By:	Date:	Time:	Received By:	Date:	Time:
			20091008	11:12	
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:
Samples on this COC include additional volume(s) or replicate volumes collected for analysis as noted with the sample/analysis details. The additional volumes are provided to ensure shipment of samples with sufficient volume to run the required analysis (i.e. no loss of cooler in transit, Comments:
container breakage, Comments:
etc). After lab verifies that containers arrived and contain adequate volume for each prescribed analysis, Comments:
the lab should contact TtNUS before any excess volume is discarded/disposed., Comments:
Split shipment with second half of same sample IDs will be shipped on 8 Oct 2009. Both DHL numbers on this COC.

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-280

Project No: **112G01735**	Facility: **NAPLES NSA ITALY**	Project Manager: **Matt Soltis**	Carrier: **Hand Deliver**	Laboratory Name: **NSA Naples - Hospital Laboratory** **NSA Naples - Support Site** **Gricignano, Italy 81030**
Task No: **0002**	Turn Around Time: **Standard**	Field Ops Leader: **Terry Rojahn**	Carrier/Waybill No.	Point of Contact: **Lt. Gardner** **DSN: 314 629-6299**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
10/08/2009	WS10AW001	10:51	**SM 9222D and B/Lab SOP M199**	WS10	TW	Fecal and Total Coliform	4° C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes
10/08/2009	WS11AW001	12:08	**SM 9222D and B/Lab SOP M199**	WS11	TW	Fecal and Total Coliform	4° C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes

1. Relinquished By: **John Wright**	Date: 10/08/2009	Time: 14:30	Received By: **Hand Deliver**	Date: 10/08/2009	Time: 14:30
2. Relinquished By:	Date: 10/8/09	Time: 14:40	Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:
Additional volume collected in case of breakage/spillage.

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-281

Preliminated

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G01735	**NAPLES NSA ITALY**	**Matt Soltis**	**DHL**	**SGS Institut Fresenius GmbH AM Technologie Park 10 Herten, Germany D-45699**
Task No:	Turn Around Time:	Field Ops Leader:	Carrier/Waybill No.	Point of Contact:
0002	**Rush** 7day	**Terry Rojahn**	**530 1218 204 / 536 4330 646**	**S. Schmidt +49 2366305656**

433

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments	
10/08/2009	FD100809-01	00:00	SW-846 3050B/9013/Lab SOP M1504	QC	TW	Cyanide	4°C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	
10/08/2009	FD100809-01	00:00	SW-846 9056/Lab SOPs M1505	QC	TW	Anions	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	9540046
10/08/2009	FD100809-01	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	QC	TW	Metals and Total Uranium	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	
10/08/2009	FD100809-01	00:00	SW-846 5035/8260B-Lab SOP M1392	QC	TW	VOCs	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	
10/08/2009	FD100809-01	00:00	SW-846 8290/Lab SOPs	QC	TW	Dioxins/Furans	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	
10/08/2009	FD100809-02	00:00	SW-846 9056/Lab SOPs M1505	QC	TW	Anions	4°C	2	Plastic - PE	1L	Additional volume collected - see COC Notes	
10/08/2009	FD100809-02	00:00	SW-846 3050B/9013/Lab SOP M1504	QC	TW	Cyanide	4°C/NAOH	2	Plastic - PE	1L	Additional volume collected - see COC Notes	47
10/08/2009	FD100809-02	00:00	SW-846 8290/Lab SOPs	QC	TW	Dioxins/Furans	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	
10/08/2009	FD100809-02	00:00	SW-846 5035/8260B-Lab SOP M1392	QC	TW	VOCs	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	
10/08/2009	FD100809-02	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	QC	TW	Metals and Total Uranium	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	
10/08/2009	TB100809-01	08:00	SW-846 5035/8260B-Lab SOP M1392	QC	AQ	VOCs	4°C/HCL	2	Glass - Clear	40ml vials	TRIP BLANK	48
10/08/2009	TB100809-02	08:05	SW-846 5035/8260B-Lab SOP M1392	QC	AQ	VOCs	4°C/HCL	2	Glass - Clear	40ml vials	TRIP BLANK	49
10/08/2009	WS10AW001	10:51	SW-846 5035/8260B-Lab SOP M1392	WS10	TW	VOCs	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	
10/08/2009	WS10AW001	10:51	SW-846 8290/Lab SOPs	WS10	TW	Dioxins/Furans	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	50
10/08/2009	WS10AW001	10:51	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS10	TW	Metals and Total Uranium	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	
10/08/2009	WS10AW001	10:51	SW-846 3050B/9013/Lab SOP M1504	WS10	TW	Cyanide	4°C/NAOH	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	
10/08/2009	WS10AW001	10:51	SW-846 9056/Lab SOPs M1505	WS10	TW	Anions	4°C	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	
10/08/2009	WS11AW001	12:08	SW-846 5035/8260B-Lab SOP M1392	WS11	TW	VOCs	4°C/HCL	6	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	
10/08/2009	WS11AW001	12:08	SW-846 8290/Lab SOPs	WS11	TW	Dioxins/Furans	4°C	4	Glass - Amber	1L	Additional volume collected - see COC Notes	9540251
10/08/2009	WS11AW001	12:08	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS11	TW	Metals and Total Uranium	4°C/HNO3	2	Plastic - PE	250ml	Additional volume collected - see COC Notes	
10/08/2009	WS11AW001	12:08	SW-846 3050B/9013/Lab SOP M1504	WS11	TW	Cyanide	4°C/NAOH	2	Plastic - PE	1L	Additional volume collected - see COC Notes	
10/08/2009	WS11AW001	12:08	SW-846 9056/Lab SOPs M1505	WS11	TW	Anions	4°C	2	Plastic - PE	1L	Additional volume collected - see COC Notes	

1. Relinquished By:	Date:	Time:	Received By:	Date:	Time:
John Wright	10/08/2009	17:00	**DHL**	10/08/2009	17:00
2. Relinquished By:	Date:	Time:	Received By:	Date: 20091009	Time: 17:22
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:
Samples on this COC include additional volume(s) or replicate volumes collected for analysis as noted with the sample/analysis details. The additional volumes are provided to ensure shipment of samples with sufficient volume to run the required analysis (i.e. no loss of cooler in transit, Comments:
container breakage, Comments:
etc). After lab verifies that containers arrived and contain adequate volume for each prescribed analysis, Comments:
the lab should contact TtNUS before any excess volume is discarded/disposed. Split shipment with second half of same sample IDs will be shipped on 9 Oct 2009. Both DHL numbers on this COC.

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-282

239058

Project No: **112G01735**	Facility: **NAPLES NSA ITALY**	Project Manager: **Matt Soltis**	Carrier: **DHL**	Laboratory Name: **GEL Laboratories, LLC 2040 Savage Road Charleston, SC 29407**
Task No: **0002**	Turn Around Time: **Rush** 7day	Field Ops Leader: **Terry Rojahn**	Carrier/Waybill No. **536 4330 613/536 4330 635**	Point of Contact: **Amanda Rasco (843) 556-8171**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
10/07/2009	WS07AW001	10:34	**EPA 903.1-904-905-900**	WS07	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	4	Plastic - PE	1L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes
10/07/2009	WS07AW001	10:34	**Gamma Spec**	WS07	TW	Gamma Spectrometry (Incl Cs137)	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
10/07/2009	WS08AW001	11:12	**Gamma Spec**	WS08	TW	Gamma Spectrometry (Incl Cs137)	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
10/07/2009	WS08AW001	11:12	**EPA 903.1-904-905-900**	WS08	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	4	Plastic - PE	1L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes
10/07/2009	WS09AW001	12:06	**Gamma Spec**	WS09	TW	Gamma Spectrometry (Incl Cs137)	HNO3 <2 pH	2	Plastic - PE	1L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
10/07/2009	WS09AW001	12:06	**EPA 903.1-904-905-900**	WS09	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	4	Plastic - PE	1L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes
10/08/2009	FD100809-01	00:00	**EPA 903.1-904-905-900**	QC	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	2	Plastic - PE	2L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes
10/08/2009	FD100809-01	00:00	**Gamma Spec**	QC	TW	Gamma Spectrometry (Incl Cs137)	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
10/08/2009	FD100809-02	00:00	**EPA 903.1-904-905-900**	QC	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	2	Plastic - PE	2L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes
10/08/2009	FD100809-02	00:00	**Gamma Spec**	QC	TW	Gamma Spectrometry (Incl Cs137)	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
10/08/2009	WS10AW001	10:51	**Gamma Spec**	WS10	TW	Gamma Spectrometry (Incl Cs137)	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
10/08/2009	WS10AW001	10:51	**EPA 903.1-904-905-900**	WS10	TW	Ra226-Ra228-Sr90-Gross A/B	HNO3 <2 pH	2	Plastic - PE	2L	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes
10/08/2009	WS11AW001	12:08	**Gamma Spec**	WS11	TW	Gamma Spectrometry (Incl Cs137)	HNO3 <2 pH	1	Plastic - PE	2L	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes
10/08/2009	WS11AW001	12:08	**EPA 903.1-904-**	WS11	TW	Ra226-Ra228-Sr90-Gross	HNO3 <2	2	Plastic -	2L	Run Gross A/B and hold Speciation until further instruction from TtNUS.

		905-900		A/B	pH	PE	Additional volume collected - see COC Notes	

1. Relinquished By: **Terry Rojahn**	Date: 10/12/2009	Time: 16:00	Received By: **DHL**	Date: 10/12/2009	Time: 16:00
2. Relinquished By:	Date:	Time:	Received By: R.M. Stetler	Date: 10/14/09	Time: 1200
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:
Samples on this COC include additional volume(s) or replicate volumes collected for analysis as noted with the sample/analysis details. The additional volumes are provided to ensure shipment of samples with sufficient volume to run the required analysis (i.e. no loss of cooler in transit - container breakage - etc). After lab verifies that containers arrived and contain adequate volume for each prescribed analysis - the lab should contact TtNUS before any excess volume is discarded/disposed. Split shipment with second half of same sample IDs will be shipped on 13 Oct 2009. Both DHL numbers on this COC.

5

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-283

Project No: **112G01735**	Facility: **NAPLES NSA ITALY**	Project Manager: **Matt Soltis**	Carrier: **Hand Deliver**	Laboratory Name: **NSA Naples - Hospital Laboratory** **NSA Naples - Support Site** **Gricignano, Italy 81030**
Task No: **0002**	Turn Around Time: **Standard**	Field Ops Leader: **Terry Rojahn**	Carrier/Waybill No. **NA**	Point of Contact: **Lt. Gardner** **DSN: 314 629-6299**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
10/14/2009	WS12AW001	10:25	**SM 9222D and B/Lab SOP M199**	WS12	TW	Fecal and Total Coliform	4° C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes
10/14/2009	WS13AW001	11:30	**SM 9222D and B/Lab SOP M199**	WS13	TW	Fecal and Total Coliform	4° C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes
10/14/2009	WS14AW001	13:00	**SM 9222D and B/Lab SOP M199**	WS14	TW	Fecal and Total Coliform	4° C/MCAA/Thiosulfate	2	Plastic - Steril PE	1L	Additional volume collected - see COC Notes

1. Relinquished By: **Terry Rojahn**	Date: 10/14/2009	Time: 15:45	Received By: **Hand Deliver**	Date: 10/14/2009	Time: 15:15
2. Relinquished By: [signature]	Date: 14 OCT 09	Time: 15:05	Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:
Additional volume collected in case of spillage.

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: ED00000090-284

Project No: **112G01735**	Facility: **NAPLES NSA ITALY**	Project Manager: **Matt Soltis**	Carrier: **DHL**	Laboratory Name: **SGS Institut Fresenius GmbH AM Technologie Park 10 Herten, Germany D-45699**
Task No: **0002**	Turn Around Time: **Rush** 7day	Field Ops Leader: **Terry Rojahn**	Carrier/Waybill No. **536 4330 554/536 4330 576**	Point of Contact: **S. Schmidt +49 2366305656**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
10/14/2009	FD101409-01	00:00	SW-846 9056/Lab SOPs M1505	QC	TW	Anions	4°C	2 /2	Plastic - PE	1L	Additional volume collected - see COC Notes
10/14/2009	FD101409-01	00:00	SW-846 3050B/9013/Lab SOP M1504	QC	TW	Cyanide	4° C/NAOH	2 /1	Plastic - PE	1L	Additional volume collected - see COC Notes
10/14/2009	FD101409-01	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	QC	TW	Metals and Total Uranium	4° C/HNO3	2 /1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/14/2009	FD101409-01	00:00	SW-846 5035/8260B-Lab SOP M1392	QC	TW	VOCs	4°C/HCL	6 /3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
10/14/2009	FD101409-01	00:00	SW-846 8290/Lab SOPs	QC	TW	Dioxins/Furans	4°C	4 /2	Glass - Amber	1L	Additional volume collected - see COC Notes
10/14/2009	FD101409-02	00:00	SW-846 3050B/9013/Lab SOP M1504	QC	TW	Cyanide	4° C/NAOH	2 /1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/14/2009	FD101409-02	00:00	SW-846 8290/Lab SOPs	QC	TW	Dioxins/Furans	4°C	4 /2	Glass - Amber	1L	Additional volume collected - see COC Notes
10/14/2009	FD101409-02	00:00	SW-846 5035/8260B-Lab SOP M1392	QC	TW	VOCs	4°C/HCL	6 /3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
10/14/2009	FD101409-02	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	QC	TW	Metals and Total Uranium	4° C/HNO3	2 /1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/14/2009	FD101409-02	00:00	SW-846 9056/Lab SOPs M1505	QC	TW	Anions	4°C	2 /2	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/14/2009	FD101409-03	00:00	SW-846 8290/Lab SOPs	QC	TW	Dioxins/Furans	4°C	4 /2	Glass - Amber	1L	Additional volume collected - see COC Notes
10/14/2009	FD101409-03	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	QC	TW	Metals and Total Uranium	4° C/HNO3	2 /1	Plastic - PE	250ml	Additional volume collected - see COC Notes
10/14/2009	FD101409-03	00:00	SW-846 5035/8260B-Lab SOP M1392	QC	TW	VOCs	4°C/HCL	6 /3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes
10/14/2009	FD101409-	00:00	SW-846 9056/Lab SOPs M1505	QC	TW	Anions	4°C	2 /2	Plastic - PE	1L	Additional volume collected - see

434 001 002 602 485 486 487 9353..

		03											
003	10/14/2009	FD101409-03	00:00	SW-846 3050B/9013/Lab SOP M1504	QC	TW	Cyanide	4° C/NAOH	2 1/1	Plastic - PE	250ml	Additional volume collected - see COC Notes	487
004	10/14/2009	TB101409-01	08:00	SW-846 5035/8260B-Lab SOP M1392	QC	AQ	VOCs	4°C/HCL	2 1/2	Glass - Clear	40ml vials	TRIP BLANK	488
005	10/14/2009	TB101409-02	08:05	SW-846 5035/8260B-Lab SOP M1392	QC	AQ	VOCs	4°C/HCL	2 1/0	Glass - Clear	40ml vials	TRIP BLANK	489
	10/14/2009	WS12AW001	10:25	SW-846 5035/8260B-Lab SOP M1392	WS12	TW	VOCs	4°C/HCL	6 1/3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	
	10/14/2009	WS12AW001	10:25	SW-846 8290/Lab SOPs	WS12	TW	Dioxins/Furans	4°C	4 1/2	Glass - Amber	1L	Additional volume collected - see COC Notes	
006	10/14/2009	WS12AW001	10:25	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS12	TW	Metals and Total Uranium	4° C/HNO3	2 1/1	Plastic - PE	250ml	Additional volume collected - see COC Notes	
	10/14/2009	WS12AW001	10:25	SW-846 3050B/9013/Lab SOP M1504	WS12	TW	Cyanide	4° C/NAOH	2 1/1	Plastic - PE	1L	Additional volume collected - see COC Notes	490
	10/14/2009	WS12AW001	10:25	SW-846 9056/Lab SOPs M1505	WS12	TW	Anions	4°C	2 1/2	Plastic - PE	1L	Additional volume collected - see COC Notes	
	10/14/2009	WS13AW001	11:30	SW-846 5035/8260B-Lab SOP M1392	WS13	TW	VOCs	4°C/HCL	6 1/3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	
	10/14/2009	WS13AW001	11:30	SW-846 8290/Lab SOPs	WS13	TW	Dioxins/Furans	4°C	4 1/2	Glass - Amber	1L	Additional volume collected - see COC Notes	
007	10/14/2009	WS13AW001	11:30	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS13	TW	Metals and Total Uranium	4° C/HNO3	2 1/1	Plastic - PE	250ml	Additional volume collected - see COC Notes	
	10/14/2009	WS13AW001	11:30	SW-846 3050B/9013/Lab SOP M1504	WS13	TW	Cyanide	4° C/NAOH	2 1/1	Plastic - PE	250ml	Additional volume collected - see COC Notes	491
	10/14/2009	WS13AW001	11:30	SW-846 9056/Lab SOPs M1505	WS13	TW	Anions	4°C	2 1/2	Plastic - PE	250ml	Additional volume collected - see COC Notes	
	10/14/2009	WS14AW001	13:00	SW-846 5035/8260B-Lab SOP M1392	WS14	TW	VOCs	4°C/HCL	6 1/3	Glass - Clear	40ml vials	Additional volume collected - see COC Notes	
	10/14/2009	WS14AW001	13:00	SW-846 8290/Lab SOPs	WS14	TW	Dioxins/Furans	4°C	4 1/2	Glass - Amber	1L	Additional volume collected - see COC Notes	
008	10/14/2009	WS14AW001	13:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	WS14	TW	Metals and Total Uranium	4° C/HNO3	2 1/1	Plastic - PE	250ml	Additional volume collected - see COC Notes	492
	10/14/2009	WS14AW001	13:00	SW-846 3050B/9013/Lab SOP M1504	WS14	TW	Cyanide	4° C/NAOH	2 1/1	Plastic - PE	250ml	Additional volume collected - see COC Notes	
	10/14/2009	WS14AW001	13:00	SW-846 9056/Lab SOPs M1505	WS14	TW	Anions	4°C	2 1/2	Plastic - PE	1L	Additional volume collected - see COC Notes	

1. Relinquished By: **Terry Rojahn**	Date: 10/14/2009	Time: 16:55	Received By: **DHL**	Date: 10/14/2009	Time: 16:55
2. Relinquished By:	Date:	Time:	Received By: Peter Hayes	Date: 15-10-2009	Time: 11-45
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments:
Samples on this COC include additional volume(s) or replicate volumes collected for analysis as noted with the sample/analysis details. The additional volumes are provided to ensure shipment of samples with sufficient volume to run the required analysis (i.e. no loss of cooler in transit, Comments:
container breakage, Comments:
etc). After lab verifies that containers arrived and contain adequate volume for each prescribed analysis, Comments:
the lab should contact TtNUS before any excess volume is discarded/disposed. Split shipment with second half of same sample IDs will be shipped on 15 October 2009.
Both DHL numbers on this COC.

Tetra Tech NUS, Inc.

QUALITY CONTROL SAMPLING LOG

Phase II Sampling - NAPLES NSA ITALY

Project Information

Facility Name	NAPLES NSA ITALY	**QC Sample ID #**	FD100109-01	**Created By**	Luke Irvine
TtNUS Project #	112G01735	**Corresponding Sample ID**	WS04AW001	**Created Date**	10/1/09
Task/Contract #	0002	**QA Sample Type**	Field Duplicate	**Modified By**	John Wright
WBS Code #		**Sample Location**	QC	**Modified Date**	10/1/09
Status	Complete	**Sampled By**	Keith Simpson	**Printed By**	
		Concentration	Low concentration	**Printed Date**	10/19/09

Log Entries

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Matrix	Preservative	Comments	Chain of Custody #
✓	10/1/09	00:00	SW-846 8290/Lab SOPs	Dioxins/Furans	4	Glass - Amber	1L	TW	4°C	Additional volume collected - see COC Notes	ED00000090-275
✓	10/1/09	00:00	SW-846 9056/Lab SOPs M1505	Anions	2	Plastic - PE	250ml	TW	4°C	Additional volume collected - see COC Notes	ED00000090-275
✗		00:00	SM 9222D and B/Lab SOP	Fecal and	1	Plastic -	1L	TW	4° C/MCAA/Thiosul	No Coliform Duplicate	

			M199	Total Coliform		Steril PE			fate	sample collected	
✓	10/1/09	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	Metals and Total Uranium	2	Plastic - PE	250ml	TW	4°C/HNO3	Additional volume collected - see COC Notes	ED00000090-275
✓	10/1/09	00:00	EPA 903.1-904-905-900	Ra226-Ra228-Sr90-Gross A/B	4	Plastic - PE	1L	TW	HNO3 <2 pH	Run Gross A/B and hold Speciation at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-277
✓	10/1/09	00:00	SW-846 5035/8260B-Lab SOP M1392	VOCs	6	Glass - Clear	40ml vials	TW	4°C/HCL	Additional volume collected - see COC Notes	ED00000090-275
✓	10/1/09	00:00	Gamma Spec	Gamma Spectrometry (incl Cs137)	2	Plastic - PE	1L	TW	HNO3 <2 pH	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-277
✓	10/1/09	00:00	SW-846 3050B/9013/Lab SOP M1504	Cyanide	2	Plastic - PE	250ml	TW	4°C/NAOH	Additional volume collected - see COC Notes	ED00000090-275

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Tetra Tech NUS, Inc.

QUALITY CONTROL SAMPLING LOG

Phase II Sampling - NAPLES NSA ITALY

Project Information

Facility Name	NAPLES NSA ITALY	**QC Sample ID #**	FD100109-02	**Created By**	Luke Irvine
TtNUS Project #	112G01735	**Corresponding Sample ID**	WS05AW001	**Created Date**	10/1/09
Task/Contract #	0002	**QA Sample Type**	Field Duplicate	**Modified By**	Keith Simpson
WBS Code #		**Sample Location**	QC	**Modified Date**	10/2/09
Status	Complete	**Sampled By**	Keith Simpson	**Printed By**	
		Concentration	Low concentration	**Printed Date**	10/19/09

Log Entries

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Matrix	Preservative	Comments	Chain of Custody #
✓	10/1/09	00:00	SW-846 8290/Lab SOPs	Dioxins/Furans	4	Glass - Amber	1L	TW	4°C	Additional volume collected - see COC Notes	ED00000090-275
✓	10/1/09	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	Metals and Total Uranium	2	Plastic - PE	250ml	TW	4°C/HNO3	Additional volume collected - see COC Notes	ED00000090-275
			SW-846			Plastic -				Additional volume	ED00000090-

✓	10/1/09	00:00	9056/Lab SOPs M1505	Anions	2	PE	250ml	TW	4°C	collected - see COC Notes	275
✓	10/1/09	00:00	SW-846 5035/8260B-Lab SOP M1392	VOCs	6	Glass - Clear	40ml vials	TW	4°C/HCL	Additional volume collected - see COC Notes	ED00000090-275
✓	10/1/09	00:00	SW-846 3050B/9013/Lab SOP M1504	Cyanide	2	Plastic - PE	250ml	TW	4°C/NAOH	Additional volume collected - see COC Notes	ED00000090-275
✗		00:00	SM 9222D and B/Lab SOP M199	Fecal and Total Coliform	0	Plastic - Steril PE	1L	TW	4° C/MCAA/Thiosulfate	No Coliform Duplicated collected	ED00000090-276
✓	10/1/09	00:00	EPA 903.1-904-905-900	Ra226-Ra228-Sr90-Gross A/B	2	Plastic - PE	2L	TW	HNO3 <2 pH	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-277
✓	10/1/09	00:00	Gamma Spec	Gamma Spectrometry (incl Cs137)	1	Plastic - PE	2L	TW	HNO3 <2 pH	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-277

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Tetra Tech NUS, Inc.

QUALITY CONTROL SAMPLING LOG

Phase II Sampling - NAPLES NSA ITALY

Project Information

Facility Name	NAPLES NSA ITALY	**QC Sample ID #**	FD100109-03	**Created By**	Luke Irvine
TtNUS Project #	112G01735	**Corresponding Sample ID**	WS06AW001	**Created Date**	10/1/09
Task/Contract #	0002	**QA Sample Type**	Field Duplicate	**Modified By**	Keith Simpson
WBS Code #		**Sample Location**	QC	**Modified Date**	10/2/09
Status	Complete	**Sampled By**	Keith Simpson	**Printed By**	
		Concentration	Low concentration	**Printed Date**	10/19/09

Log Entries

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Matrix	Preservative	Comments	Chain of Custody #
✓	10/1/09	00:00	SW-846 9056/Lab SOPs M1505	Anions	1	Plastic - PE	250ml	TW	4°C		ED00000090-275
✓	10/1/09	00:00	EPA 903.1-904-905-900	Ra226-Ra228-Sr90-Gross A/B	2	Plastic - PE	1L	TW	HNO3 <2 pH	Run Gross A/B and hold Speciation until further instruction from TtNUS. Additional volume	ED00000090-277

										collected - see COC Notes	
✓	10/1/09	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	Metals and Total Uranium	1	Plastic - PE	250ml	TW	4°C/HNO3		ED00000090-275
✗		00:00	SM 9222D and B/Lab SOP M199	Fecal and Total Coliform	0	Plastic - Steril PE	1L	TW	4° C/MCAA/Thiosulfate	No Coliform Duplicate collected	ED00000090-276
✓	10/1/09	00:00	Gamma Spec	Gamma Spectrometry (incl Cs137)	1	Plastic - PE	1L	TW	HNO3 <2 pH	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-277
✓	10/1/09	00:00	SW-846 5035/8260B-Lab SOP M1392	VOCs	3	Glass - Clear	40ml vials	TW	4°C/HCL		ED00000090-275
✓	10/1/09	00:00	SW-846 8290/Lab SOPs	Dioxins/Furans	2	Glass - Amber	1L	TW	4°C		ED00000090-275
✓	10/1/09	00:00	SW-846 3050B/9013/Lab SOP M1504	Cyanide	1	Plastic - PE	250ml	TW	4°C/NAOH		ED00000090-275

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Tetra Tech NUS, Inc.

QUALITY CONTROL SAMPLING LOG

Phase II Sampling - NAPLES NSA ITALY

Project Information

Facility Name	NAPLES NSA ITALY	**QC Sample ID #**	FD101409-01	**Created By**	Luke Irvine
TtNUS Project #	112G01735	**Corresponding Sample ID**	WS12AW001	**Created Date**	10/14/09
Task/Contract #	0002	**QA Sample Type**	Field Duplicate	**Modified By**	John Wright
WBS Code #		**Sample Location**	QC	**Modified Date**	11/3/09
Status	Complete	**Sampled By**	Terry Rojahn	**Printed By**	
		Concentration	Not known	**Printed Date**	11/5/09

Log Entries

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Matrix	Preservative	Comments	Chain of Custody #
✓	10/14/09	00:00	Gamma Spec	Gamma Spectrometry (incl Cs137)	2	Plastic - PE	1L	TW	HNO3 <2 pH	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-285
✗		00:00	SM 9222D and B/Lab SOP M199	Fecal and Total Coliform	2	Plastic - Steril PE	1L	TW	4° C/MCAA/Thiosulfate		

Tetra Tech NUS, Inc.

QUALITY CONTROL SAMPLING LOG

Phase II Sampling - NAPLES NSA ITALY

Project Information

Facility Name	NAPLES NSA ITALY	**QC Sample ID #**	FD101409-02	**Created By**	Luke Irvine
TtNUS Project #	112G01735	**Corresponding Sample ID**	WS13AW001	**Created Date**	10/14/09
Task/Contract #	0002	**QA Sample Type**	Field Duplicate	**Modified By**	John Wright
WBS Code #		**Sample Location**	QC	**Modified Date**	11/3/09
Status	Complete	**Sampled By**	Terry Rojahn	**Printed By**	
		Concentration	Not known	**Printed Date**	11/5/09

Log Entries

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Matrix	Preservative	Comments	Chain of Custody #
✓	10/14/09	00:00	Gamma Spec	Gamma Spectrometry (incl Cs137)	2	Plastic - PE	1L	TW	HNO3 <2 pH	Hold at lab until further instruction from TtNUS. Additional volume collected - see COC Notes	ED00000090-285
										Run Gross A/B and hold	

Tetra Tech NUS, Inc.

QUALITY CONTROL SAMPLING LOG

Phase II Sampling - NAPLES NSA ITALY

Project Information

Facility Name	NAPLES NSA ITALY	**QC Sample ID #**	FD101409-03	**Created By**	Luke Irvine
TtNUS Project #	112G01735	**Corresponding Sample ID**	WS14AW001	**Created Date**	10/14/09
Task/Contract #	0002	**QA Sample Type**	Field Duplicate	**Modified By**	John Wright
WBS Code #		**Sample Location**	QC	**Modified Date**	11/3/09
Status	Complete	**Sampled By**	Terry Rojahn	**Printed By**	
		Concentration	Not known	**Printed Date**	11/5/09

Log Entries

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Matrix	Preservative	Comments	Chain of Custody #
✓	10/14/09	00:00	SW-846 8290/Lab SOPs	Dioxins/Furans	4	Glass - Amber	1L	TW	4°C	Additional volume collected - see COC Notes	ED00000090-284
✓	10/14/09	00:00	SW-846 3010A/6010C/6020A/610C/7470A/Lab SOPs	Metals and Total Uranium	2	Plastic - PE	250ml	TW	4°C/HNO3	Additional volume collected - see COC Notes	ED00000090-284
			SW-846			Glass -	40ml			Additional volume	ED00000090-

ATTACHMENT E

Laboratory Analytical Data

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS01	WS01	WS01	WS02	WS02	WS02	WS03	WS03
Sample ID	WS01AW001	WS01AW001-AVG	WS01AW001-D	WS02AW001	WS02AW001-AVG	WS02AW001-D	WS03AW001	WS03AW001-AVG
Site	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA	NA
Sample Code	ORIG	AVG	DUP	ORIG	AVG	DUP	ORIG	AVG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20090928	20090928	20090928	20090928	20090928	20090928	20090928	20090928
Area	Torano Aqueduct	Torano Aqueduct	Torano Aqueduct	Auduni Aqueduct	Auduni Aqueduct	Auduni Aqueduct	Maretto Aqueduct	Maretto Aqueduct
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Dioxins (ng/L)								
1,2,3,4,6,7,8,9-OCDD	0.0017 U	0.0033 U	0.0049 U	0.0038 U	0.00385 U	0.0039 U	0.0021 U	0.0025 U
1,2,3,4,6,7,8,9-OCDF	0.00085 U	0.001625 U	0.0024 U	0.0008 U	0.000715 U	0.00063 U	0.00052 U	0.00096 U
1,2,3,4,6,7,8-HPCDD	0.0011 U	0.00155 U	0.002 U	0.002 U	0.0016 U	0.0012 U	0.0013 U	0.0014 U
1,2,3,4,6,7,8-HPCDF	0.00066 U	0.00153 U	0.0024 U	0.0007 U	0.000715 U	0.00073 U	0.00064 U	0.00079 U
1,2,3,4,7,8,9-HPCDF	0.00026 J	0.000455 J	0.00065 J	0.0003 J	0.00037 J	0.00044 J	0.000284 U	0.000346 J
1,2,3,4,7,8-HXCDD	0.00014 U	0.00025 U	0.00036 U	0.0002 U	0.000161 U	0.000121 U	0.00019 U	0.000265 U
1,2,3,4,7,8-HXCDF	0.0004 U	0.00065 J	0.0011 J	0.0006 U	0.000545 U	0.00049 U	0.00047 U	0.00051 U
1,2,3,6,7,8-HXCDD	0.00026 J	0.000325 J	0.00039 J	0.00027 J	0.000245 J	0.00022 J	0.00036 J	0.00036 J
1,2,3,6,7,8-HXCDF	0.00026 U	0.000965 J	0.0018 J	0.00045 U	0.000385 U	0.00032 U	0.00052 U	0.000525 U
1,2,3,7,8,9-HXCDD	0.00028 J	0.000235 J	0.00019 J	0.00035 J	0.000295 J	0.00024 J	0.00036 J	0.000325 J
1,2,3,7,8,9-HXCDF	0.00026 U	0.000385 U	0.00051 U	0.0002 U	0.00026 U	0.00032 U	0.00028 U	0.00032 U
1,2,3,7,8-PECDD	0.00033 U	0.00036 U	0.00039 U	0.00032 U	0.000209 U	0.000097 U	0.00017 U	0.000315 U
1,2,3,7,8-PECDF	0.0005 U	0.000675 U	0.00085 U	0.00057 U	0.000515 U	0.00046 U	0.00036 U	0.00041 U
2,3,4,6,7,8-HXCDF	0.00031 U	0.000655 U	0.001 U	0.00032 U	0.000305 U	0.00029 U	0.00024 U	0.000252 U
2,3,4,7,8-PECDF	0.0004 U	0.000675 U	0.00095 U	0.00065 U	0.000505 U	0.00036 U	0.0004 U	0.00062 U
2,3,7,8-TCDD	0.00043 U	0.000435 U	0.00044 U	0.00045 U	0.000335 U	0.00022 U	0.00031 U	0.000456 U
2,3,7,8-TCDF	0.00031 J	0.000395 J	0.00048 J	0.00045 J	0.000395 J	0.00034 J	0.00024 U	0.000265 J
TEQ	8.76E-05	0.000246	0.000403	0.00011	0.000097	8.44E-05	0.000072	0.000092
TOTAL HPCDD	0.0015 J	0.00225 J	0.003 J	0.0027 J	0.00225 J	0.0018 J	0.0017 J	0.00205 J
TOTAL HPCDF	0.00095 J	0.002325 J	0.0037 J	0.001 J	0.0012 J	0.0014 J	0.0012 J	0.00135 J
TOTAL HXCDD	0.00069 J	0.00083 J	0.00097 J	0.00082 J	0.0007 J	0.00058 J	0.0009 J	0.000945 J
TOTAL HXCDF	0.0012 J	0.0049 J	0.0086 J	0.0015 J	0.00145 J	0.0014 J	0.002 J	0.00185 J
TOTAL PECDD	0.00033 J	0.00036 J	0.00039 J	0.00032 J	0.000185 J	0.000097 U	0.00017 U	0.000273 J
TOTAL PECDF	0.0009 J	0.00135 J	0.0018 J	0.0012 J	0.001015 J	0.00083 J	0.00076 J	0.00103 J
TOTAL TCDD	0.0013 U	0.001305 U	0.001309 U	0.001348 U	0.001004 U	0.00066 U	0.000924 U	0.001365 U
TOTAL TCDF	0.00043 J	0.000505 J	0.00058 J	0.0005 J	0.00047 J	0.00044 J	0.00038 J	0.000455 J
Volatile Organics (ug/L)								
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS01	WS01	WS01	WS02	WS02	WS02	WS03	WS03
Sample ID	WS01AW001	WS01AW001-AVG	WS01AW001-D	WS02AW001	WS02AW001-AVG	WS02AW001-D	WS03AW001	WS03AW001-AVG
Site	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA	NA
Sample Code	ORIG	AVG	DUP	ORIG	AVG	DUP	ORIG	AVG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20090928	20090928	20090928	20090928	20090928	20090928	20090928	20090928
Area	Torano Aqueduct	Torano Aqueduct	Torano Aqueduct	Auduni Aqueduct	Auduni Aqueduct	Auduni Aqueduct	Maretto Aqueduct	Maretto Aqueduct
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMOFORM	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS01	WS01	WS01	WS02	WS02	WS02	WS03	WS03
Sample ID	WS01AW001	WS01AW001-AVG	WS01AW001-D	WS02AW001	WS02AW001-AVG	WS02AW001-D	WS03AW001	WS03AW001-AVG
Site	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA	NA
Sample Code	ORIG	AVG	DUP	ORIG	AVG	DUP	ORIG	AVG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20090928	20090928	20090928	20090928	20090928	20090928	20090928	20090928
Area	Torano Aqueduct	Torano Aqueduct	Torano Aqueduct	Auduni Aqueduct	Auduni Aqueduct	Auduni Aqueduct	Maretto Aqueduct	Maretto Aqueduct
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Radionuclides (PCI/L)								
GROSS ALPHA	2.6 U	2.74	4.18	2.71 U	3.0625	4.77	2.35 U	2.195 U
GROSS BETA	2.72 U	2.58	3.8	2.45 U	3.2425	5.26	2.78	2.78
Inorganics (ug/L)								
ALUMINUM	9.81 U	8.115 U	6.42 U	2.2 UJ	23 J	44.9 J	7.27 U	16.7175 J
ANTIMONY	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	5.75	6.12	6.49	4.2	4.15	4.1	6.1	6.11
BARIUM	5.09	5.41	5.73	5.38	5.665	5.95	5.63	5.5
BERYLLIUM	0.0689 U	0.09195 U	0.115 U	0.0749 U	0.09045 U	0.106 U	0.0591 U	0.06665 U
CADMIUM	0.04 U	0.04 U	0.04 U	0.0475	0.03375	0.04 U	0.04 U	0.04 U
CHROMIUM	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
COBALT	0.186	0.1865	0.187	0.124	0.138	0.152	0.182	0.181
COPPER	20.6 J	13.445 J	6.29 J	1.47	1.84	2.21	1.05	0.837
IRON	18.1 U	34.175 J	59.3 J	13 U	16.95 J	27.4 J	7.78 U	6.7 U
LEAD	5.1 J	3.11 J	1.12 J	0.142	0.139	0.136	0.0904	0.0747
MANGANESE	0.286	0.344	0.402	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
MERCURY	0.015 U	0.015 U	0.015 U	0.015 U	0.01325	0.019	0.015 U	0.015 U
NICKEL	6.81 J	4.895 J	2.98 J	1.78 J	1.1875 J	0.595 J	1.17 J	1.715 J
SELENIUM	0.2 U	0.2795	0.459	0.2 U	0.168	0.236	0.2 U	0.174
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
THALLIUM	0.572	0.346	0.12	1.08	1.08	1.08	0.472	0.653
TIN	0.203	0.1955	0.188	0.108	0.079	0.1 U	0.1 U	0.1 U
URANIUM	0.194	0.1945	0.195	0.144	0.173	0.202	0.199	0.194
VANADIUM	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS01	WS01	WS01	WS02	WS02	WS02	WS03	WS03
Sample ID	WS01AW001	WS01AW001-AVG	WS01AW001-D	WS02AW001	WS02AW001-AVG	WS02AW001-D	WS03AW001	WS03AW001-AVG
Site	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct	Aqueduct
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA	NA
Sample Code	ORIG	AVG	DUP	ORIG	AVG	DUP	ORIG	AVG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20090928	20090928	20090928	20090928	20090928	20090928	20090928	20090928
Area	Torano Aqueduct	Torano Aqueduct	Torano Aqueduct	Auduni Aqueduct	Auduni Aqueduct	Auduni Aqueduct	Maretto Aqueduct	Maretto Aqueduct
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
ZINC	60.3 J	30.4 J	1 UJ	9.76	12.58	15.4	1 U	1 U
Inorganics (mg/L)								
CALCIUM	49.3	49.3	49.3	43.2	43.4	43.6	50.3	50.4
MAGNESIUM	4.13	4.12	4.11	6.58	6.595	6.61	6.34	6.35
POTASSIUM	0.721	0.7145	0.708	0.626	0.626	0.626	0.837	0.835
SODIUM	2.93	2.89	2.85	2.11	2.115	2.12	2.73	2.705
Microbiological Parameters (CFU/1)								
FECAL COLIFORM	1 <	1 <	1 <	1 <	1 <	1 <	3.1 J	6.5 J
TOTAL COLIFORM	1 <	1 <	1 <	1 <	1 <	1 <	50	53
Miscellaneous Parametes (mg/L)								
CHLORIDE	4.93	4.73	4.53	3.34	3.245	3.15	3.97	3.96
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NITRATE	1.88	1.87	1.86	1.98	1.975	1.97	2.71	2.715
NITRITE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PHOSPHATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
SULFATE	1.84	1.88	1.92	1.94	2	2.06	2.28	2.305
Field Parameters								
CHLORINE MG/L	0	0		0.02	0.02		0	0
CONDUCTIVITY MS/CM	0.316	0.316		0.278	0.278		0.309	0.309
DISSOLVED OXYGEN MG/L	14.47	14.47		8.41	8.41		8.64	8.64
OXIDATION REDUCTION POTENTIAL MV	107	107		126	126		144	144
PH S.U.	8.34	8.34		8.26	8.26		7.88	7.88
SALINITY %	0.1	0.1		0.1	0.1		0.1	0.1
TEMPERATURE C	17.75	17.75		19.07	19.07		17.66	17.66
TURBIDITY NTU	3.4	3.4		5.7	5.7		0	0

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS03	WS04	WS04	WS04	WS05	WS05	WS05	WS06
Sample ID	WS03AW001-D	WS04AW001	WS04AW001-AVG	WS04AW001-D	WS05AW001	WS05AW001-AVG	WS05AW001-D	WS06AW001
Site	Aqueduct	Aqueduct	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA	NA
Sample Code	DUP	ORIG	AVG	DUP	ORIG	AVG	DUP	ORIG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20090928	20091001	20091001	20091001	20091001	20091001	20091001	20091001
Area	Maretto Aqueduct	Gari River	Gari River	Gari River	San Bartolomeo	San Bartolomeo	San Bartolomeo	Campo Pozzi del Peccia
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Dioxins (ng/L)							WS05	
1,2,3,4,6,7,8,9-OCDD	0.0029 U	0.002 U	0.0029 U	0.0038 U	0.0029 U	0.0032 U	0.0035 U	0.003 U
1,2,3,4,6,7,8,9-OCDF	0.0014 U	0.00066 U	0.00098 U	0.0013 U	0.00064 U	0.00087 U	0.0011 U	0.0015 U
1,2,3,4,6,7,8-HPCDD	0.0015 U	0.0012 U	0.00135 U	0.0015 U	0.0017 U	0.00165 U	0.0016 U	0.0015 U
1,2,3,4,6,7,8-HPCDF	0.00094 U	0.00059 U	0.000945 U	0.0013 U	0.00097 U	0.00097 U	0.00097 U	0.0011 U
1,2,3,4,7,8,9-HPCDF	0.00055 J	0.000261 J	0.000446 J	0.00063 J	0.000474 J	0.000474 J	0.00048 U	0.00059 J
1,2,3,4,7,8-HXCDD	0.00034 U	0.000095 U	0.000193 U	0.00029 U	0.00019 U	0.00024 U	0.00029 U	0.00036 U
1,2,3,4,7,8-HXCDF	0.00055 U	0.00069 U	0.00077 U	0.00085 U	0.00042 U	0.000555 U	0.00069 U	0.00048 U
1,2,3,6,7,8-HXCDD	0.00036 J	0.00043 J	0.00036 J	0.00029 J	0.00026 J	0.00025 J	0.00024 J	0.0005 J
1,2,3,6,7,8-HXCDF	0.00053 U	0.00043 U	0.000495 U	0.00056 U	0.00038 U	0.000465 U	0.00055 U	0.00055 U
1,2,3,7,8,9-HXCDD	0.00029 J	0.00021 J	0.0002 J	0.00019 J	0.00028 J	0.000285 J	0.00029 J	0.00024 U
1,2,3,7,8,9-HXCDF	0.00036 U	0.00014 U	0.000255 U	0.00037 U	0.00021 U	0.00026 U	0.00031 U	0.00043 U
1,2,3,7,8-PECDD	0.00046 U	0.00014 U	0.00018 U	0.00022 U	0.00014 U	0.00019 U	0.00024 U	0.0004 U
1,2,3,7,8-PECDF	0.00046 U	0.0004 U	0.00042 U	0.00044 U	0.00021 U	0.00032 U	0.00043 U	0.00052 U
2,3,4,6,7,8-HXCDF	0.000264 U	0.00019 U	0.0003 U	0.00041 U	0.00017 U	0.000215 U	0.00026 U	0.00031 U
2,3,4,7,8-PECDF	0.00084 U	0.00031 U	0.000555 U	0.0008 U	0.00059 U	0.00059 U	0.00059 U	0.00062 U
2,3,7,8-TCDD	0.000601 U	0.00038 U	0.000397 U	0.000414 U	0.00036 U	0.000347 U	0.000333 U	0.00081 U
2,3,7,8-TCDF	0.00041 J	0.00012 U	0.000315 U	0.00051 U	0.00031 U	0.000395 U	0.00048 U	0.00024 U
TEQ	0.000112	6.66E-05	0.000061	5.43E-05	5.87E-05	0.000056	0.000053	5.59E-05
TOTAL HPCDD	0.0024 J	0.0015 J	0.0019 J	0.0023 J	0.0027 J	0.0025 J	0.0023 J	0.0015 J
TOTAL HPCDF	0.0015 J	0.00085 J	0.001375 J	0.0019 J	0.0015 J	0.0014 J	0.0013 J	0.0017 J
TOTAL HXCDD	0.00099 J	0.00073 J	0.000765 J	0.0008 J	0.00073 J	0.00078 J	0.00083 J	0.001 J
TOTAL HXCDF	0.0017 J	0.0018 J	0.0022 J	0.0026 J	0.0012 J	0.002 J	0.0028 J	0.0017 J
TOTAL PECDD	0.00046 J	0.000142 U	0.000146 J	0.00022 J	0.00014 J	0.00019 J	0.00024 J	0.000404 J
TOTAL PECDF	0.0013 J	0.00071 J	0.000955 J	0.0012 J	0.00081 J	0.000905 J	0.001 J	0.0011 J
TOTAL TCDD	0.001805 U	0.00114 U	0.00119 U	0.00124 U	0.0011 U	0.00105 U	0.001 U	0.00243 U
TOTAL TCDF	0.00053 J	0.00021 J	0.000435 J	0.00066 J	0.00036 J	0.00044 J	0.00052 J	0.00048 U
Volatile Organics (ug/L)								
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS03	WS04	WS04	WS04	WS05	WS05	WS05	WS06
Sample ID	WS03AW001-D	WS04AW001	WS04AW001-AVG	WS04AW001-D	WS05AW001	WS05AW001-AVG	WS05AW001-D	WS06AW001
Site	Aqueduct	Aqueduct	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA	NA
Sample Code	DUP	ORIG	AVG	DUP	ORIG	AVG	DUP	ORIG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20090928	20091001	20091001	20091001	20091001	20091001	20091001	20091001
Area	Maretto Aqueduct	Gari River	Gari River	Gari River	San Bartolomeo	San Bartolomeo	San Bartolomeo	Campo Pozzi del Peccia
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 UR	0.2 UR	0.2 UR	0.2 UR	0.2 UR	0.2 UR	0.2 UR
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMOFORM	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS03	WS04	WS04	WS04	WS05	WS05	WS05	WS06
Sample ID	WS03AW001-D	WS04AW001	WS04AW001-AVG	WS04AW001-D	WS05AW001	WS05AW001-AVG	WS05AW001-D	WS06AW001
Site	Aqueduct	Aqueduct	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA	NA
Sample Code	DUP	ORIG	AVG	DUP	ORIG	AVG	DUP	ORIG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20090928	20091001	20091001	20091001	20091001	20091001	20091001	20091001
Area	Maretto Aqueduct	Gari River	Gari River	Gari River	San Bartolomeo	San Bartolomeo	San Bartolomeo	Campo Pozzi del Peccia
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Radionuclides (PCI/L)								
GROSS ALPHA	2.04 U	2.73 U	2.84 U	2.95 U	2.77 U	2.1325	2.88	2.65 U
GROSS BETA	3.46 U	3.77	2.535	2.6 U	3 U	2.595 U	2.19 U	2.52
Inorganics (ug/L)								
ALUMINUM	29.8 J	4.19 U	4.025 U	3.86 U	3.42 U	3.09 U	2.76 U	3.32 U
ANTIMONY	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	6.12	20	19.85	19.7	9.88	9.55	9.22	9.66
BARIUM	5.37	16.3	16.35	16.4	13.4	13.65	13.9	12.4
BERYLLIUM	0.0742 U	0.038 U	0.05365 U	0.0693 U	0.0398 U	0.0473 U	0.0548 U	0.038 U
CADMIUM	0.04 U	0.04 U	0.04 U	0.04 U	0.0496	0.0517	0.0538	0.04 U
CHROMIUM	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
COBALT	0.18	0.451	0.444	0.437	0.269	0.271	0.273	0.26
COPPER	0.624	3.63	3.575	3.52	0.974	0.9345	0.895	0.396
IRON	5.62 U	11 U	8.945 U	6.89 U	13.3 U	13.5 U	13.7 U	5.66 U
LEAD	0.059	0.11	0.08465	0.0593	0.278	0.2695	0.261	0.04 U
MANGANESE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.137	0.224	0.1 U
MERCURY	0.015 U	0.018	0.01275	0.015 U	0.018	0.0165	0.015	0.015
NICKEL	2.26 J	2.73 J	1.965 J	1.2 J	3.73	4.315	4.9	0.602
SELENIUM	0.248	0.289	0.3	0.311	0.246	0.24	0.234	0.2 U
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
THALLIUM	0.834	0.196 U	0.292 U	0.388 U	0.17 U	0.2575 U	0.345 U	0.22 U
TIN	0.1 U	0.19	0.1675	0.145	0.1 U	0.139	0.228	0.322
URANIUM	0.189	1.1	1.08	1.06	0.498	0.5015	0.505	0.528
VANADIUM	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS03	WS04	WS04	WS04	WS05	WS05	WS05	WS06
Sample ID	WS03AW001-D	WS04AW001	WS04AW001-AVG	WS04AW001-D	WS05AW001	WS05AW001-AVG	WS05AW001-D	WS06AW001
Site	Aqueduct	Aqueduct	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA	NA
Sample Code	DUP	ORIG	AVG	DUP	ORIG	AVG	DUP	ORIG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20090928	20091001	20091001	20091001	20091001	20091001	20091001	20091001
Area	Maretto Aqueduct	Gari River	Gari River	Gari River	San Bartolomeo	San Bartolomeo	San Bartolomeo	Campo Pozzi del Peccia
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
ZINC	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Inorganics (mg/L)								
CALCIUM	50.5	124	124.5	125	71.8	72.4	73	71.5
MAGNESIUM	6.36	25.5	25.45	25.4	20.7	20.8	20.9	22.7
POTASSIUM	0.833	1.1	1.11	1.12	0.88	0.894	0.908	1.01
SODIUM	2.68	3.84	3.865	3.89	3.06	3.095	3.13	3.67
Microbiological Parameters (CFU/1)								
FECAL COLIFORM	9.9 J	17.8	17.8		1 <	1 <		1 <
TOTAL COLIFORM	56	144.5	144.5		1 <	1 <		1 <
Miscellaneous Parametes (mg/L)								
CHLORIDE	3.95	5.95	5.93	5.91	4.93	4.915	4.9	5.42
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NITRATE	2.72	2.82 J	2.795 J	2.77 J	2.8 J	2.84 J	2.88 J	3.76 J
NITRITE	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ
PHOSPHATE	0.4 U	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ
SULFATE	2.33	11.9	11.8	11.7	3.49	3.59	3.69	3.97
Field Parameters								
CHLORINE MG/L		0	0		0	0		0
CONDUCTIVITY MS/CM		0.792	0.792		0.489	0.489		0.511
DISSOLVED OXYGEN MG/L		5.98	5.98		7.74	7.74		13.06
OXIDATION REDUCTION POTENTIAL MV		323	323		187	187		204
PH S.U.		6.3	6.3		6.91	6.91		6.9
SALINITY %		0.02	0.02		0.01	0.01		0.01
TEMPERATURE C		17.8	17.8		16.8	16.8		14.83
TURBIDITY NTU		0	0		3	3		0.5

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS06	WS06	WS07	WS07	WS07	WS08	WS08	WS08
Sample ID	WS06AW001-AVG	WS06AW001-D	WS07AW001	WS07AW001-AVG	WS07AW001-D	WS08AW001	WS08AW001-AVG	WS08AW001-D
Site	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA	NA
Sample Code	AVG	DUP	ORIG	AVG	DUP	ORIG	AVG	DUP
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20091001	20091001	20091007	20091007	20091007	20091007	20091007	20091007
Area	Campo Pozzi del Peccia	Campo Pozzi del Peccia	Campo Pozzi Tavano I	Campo Pozzi Tavano I	Campo Pozzi Tavano I	Campo Pozzi Tavano II	Campo Pozzi Tavano II	Campo Pozzi Tavano II
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Dioxins (ng/L)								
1,2,3,4,6,7,8,9-OCDD	0.00315 U	0.0033 U	0.0042 U	0.0046 U	0.005 U	0.0056 U	0.00485 U	0.0041 U
1,2,3,4,6,7,8,9-OCDF	0.0013 U	0.0011 U	0.0011 U	0.00105 U	0.001 U	0.0017 U	0.00145 U	0.0012 U
1,2,3,4,6,7,8-HPCDD	0.0013 U	0.0011 U	0.0014 U	0.00155 U	0.0017 U	0.0018 U	0.0018 U	0.0018 U
1,2,3,4,6,7,8-HPCDF	0.00103 U	0.00096 U	0.0016 U	0.00135 U	0.0011 U	0.0016 U	0.00145 U	0.0013 U
1,2,3,4,7,8,9-HPCDF	0.00049 J	0.00039 J	0.00036 J	0.00036 J	0.00077 U	0.0005 J	0.00049 J	0.00048 J
1,2,3,4,7,8-HXCDD	0.000242 U	0.000123 U	0.00024 U	0.000216 U	0.000192 U	0.00021 U	0.000177 U	0.000143 U
1,2,3,4,7,8-HXCDF	0.000545 U	0.00061 U	0.00086 U	0.00103 U	0.0012 U	0.00073 U	0.000665 U	0.0006 U
1,2,3,6,7,8-HXCDD	0.000375 J	0.00025 J	0.00029 U	0.000265 U	0.00024 U	0.00031 U	0.00038 U	0.00045 U
1,2,3,6,7,8-HXCDF	0.00052 U	0.00049 U	0.00093 U	0.000815 U	0.0007 U	0.00064 U	0.00057 U	0.0005 U
1,2,3,7,8,9-HXCDD	0.00022 J	0.00022 J	0.000214 J	0.000252 J	0.00029 J	0.00021 J	0.00032 J	0.00043 J
1,2,3,7,8,9-HXCDF	0.000375 U	0.00032 U	0.00024 U	0.000252 U	0.000264 U	0.00026 U	0.000262 U	0.000263 U
1,2,3,7,8-PECDD	0.00031 U	0.00022 U	0.00057 U	0.00043 U	0.00029 U	0.00028 U	0.000285 U	0.00029 U
1,2,3,7,8-PECDF	0.000555 U	0.00059 U	0.00031 U	0.00059 U	0.00087 U	0.00073 U	0.000725 U	0.00072 U
2,3,4,6,7,8-HXCDF	0.00034 U	0.00037 U	0.000214 U	0.000227 U	0.00024 U	0.00036 J	0.00024 J	0.00024 U
2,3,4,7,8-PECDF	0.00048 U	0.00034 U	0.00043 U	0.000715 U	0.001 U	0.00092 U	0.000725 U	0.00053 U
2,3,7,8-TCDD	0.000602 U	0.000393 U	0.000763 U	0.000672 U	0.00058 U	0.00052 U	0.0005 U	0.00048 U
2,3,7,8-TCDF	0.000265 U	0.00029 U	0.00031 U	0.0003 U	0.00029 U	0.00057 U	0.000465 U	0.00036 U
TEQ	0.000054	5.09E-05	0.000025	0.000027	0.000029	0.000062	0.000055	4.78E-05
TOTAL HPCDD	0.00175 J	0.002 J	0.0021 J	0.00255 J	0.003 J	0.0029 J	0.00275 J	0.0026 J
TOTAL HPCDF	0.00155 J	0.0014 J	0.0028 J	0.00215 J	0.0015 J	0.003 J	0.003 J	0.003 J
TOTAL HXCDD	0.000785 J	0.00057 J	0.00067 U	0.000528 J	0.00072 J	0.00073 J	0.000865 J	0.001 J
TOTAL HXCDF	0.00175 J	0.0018 J	0.0021 J	0.0025 J	0.0029 J	0.0034 J	0.0027 J	0.002 J
TOTAL PECDD	0.000312 J	0.00022 J	0.00057 J	0.00043 J	0.00029 J	0.00028 J	0.000285 J	0.00029 J
TOTAL PECDF	0.001015 J	0.00093 J	0.00076 J	0.00133 J	0.0019 J	0.0017 J	0.00145 J	0.0012 J
TOTAL TCDD	0.001815 U	0.0012 U	0.0023 U	0.002017 U	0.001734 U	0.0016 U	0.001517 U	0.001434 U
TOTAL TCDF	0.00047 J	0.00047 J	0.0005 J	0.000525 J	0.00055 J	0.00064 J	0.000545 J	0.00045 J
Volatile Organics (ug/L)								
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS06	WS06	WS07	WS07	WS07	WS08	WS08	WS08
Sample ID	WS06AW001-AVG	WS06AW001-D	WS07AW001	WS07AW001-AVG	WS07AW001-D	WS08AW001	WS08AW001-AVG	WS08AW001-D
Site	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA	NA
Sample Code	AVG	DUP	ORIG	AVG	DUP	ORIG	AVG	DUP
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20091001	20091001	20091007	20091007	20091007	20091007	20091007	20091007
Area	Campo Pozzi del Peccia	Campo Pozzi del Peccia	Campo Pozzi Tavano I	Campo Pozzi Tavano I	Campo Pozzi Tavano I	Campo Pozzi Tavano II	Campo Pozzi Tavano II	Campo Pozzi Tavano II
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 UR	0.2 UR	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMOFORM	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS06	WS06	WS07	WS07	WS07	WS08	WS08	WS08
Sample ID	WS06AW001-AVG	WS06AW001-D	WS07AW001	WS07AW001-AVG	WS07AW001-D	WS08AW001	WS08AW001-AVG	WS08AW001-D
Site	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA	NA
Sample Code	AVG	DUP	ORIG	AVG	DUP	ORIG	AVG	DUP
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20091001	20091001	20091007	20091007	20091007	20091007	20091007	20091007
Area	Campo Pozzi del Peccia	Campo Pozzi del Peccia	Campo Pozzi Tavano I	Campo Pozzi Tavano I	Campo Pozzi Tavano I	Campo Pozzi Tavano II	Campo Pozzi Tavano II	Campo Pozzi Tavano II
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.176 J	0.287 J
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Radionuclides (PCI/L)								
GROSS ALPHA	2.73 U	2.81 U	4.79	4.79		9.97	9.97	
GROSS BETA	2.52	2.88 U	11.4 J	11.4 J		14.5	14.5	
Inorganics (ug/L)								
ALUMINUM	3.85 U	4.38 U	13	12.3	11.6	10.7	8.75	6.8
ANTIMONY	0.14 U	0.14 U	0.192	0.225	0.258	0.978	0.8095	0.641
ARSENIC	9.525	9.39	32	31.75	31.5	43.9	44.2	44.5
BARIUM	12.2	12	19.8	19.75	19.7	28.4	27.75	27.1
BERYLLIUM	0.04175 U	0.0455 U	0.03 U	0.03 U	0.03 U	0.0336	0.0243	0.03 U
CADMIUM	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHROMIUM	0.1585	0.242	4.83 J	3.825 J	2.82 J	4.36	3.795	3.23
COBALT	0.259	0.258	0.975	0.9595	0.944	1.36	1.355	1.35
COPPER	0.4105	0.425	2.54	2.495	2.45	2.26 J	2.92 J	3.58 J
IRON	5.36 U	5.06 U	44.9	38.35	31.8	41.6	42.75	43.9
LEAD	0.04 U	0.04 U	0.674 U	0.6475 U	0.621 U	0.725 U	0.69 U	0.655 U
MANGANESE	0.1 U	0.1 U	1.44	1.35	1.26	0.657	0.593	0.529
MERCURY	0.0155	0.016	0.015 U	0.015 U	0.015 U	0.015 U	0.01675	0.026
NICKEL	0.6115	0.621	15.1	14.65	14.2	8.43	8.515	8.6
SELENIUM	0.1505	0.201	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SILVER	0.12 U	0.12 U	0.334	0.197	0.12 U	0.13	0.095	0.12 U
THALLIUM	0.225 U	0.23 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
TIN	0.2435	0.165	0.356	0.522	0.688	0.497	0.49	0.483
URANIUM	0.545	0.562	4.46	4.465	4.47	12	12.05	12.1
VANADIUM	1 U	1 U	9.64	9.77	9.9	10.6	11.35	12.1

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS06	WS06	WS07	WS07	WS07	WS08	WS08	WS08
Sample ID	WS06AW001-AVG	WS06AW001-D	WS07AW001	WS07AW001-AVG	WS07AW001-D	WS08AW001	WS08AW001-AVG	WS08AW001-D
Site	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA	NA
Sample Code	AVG	DUP	ORIG	AVG	DUP	ORIG	AVG	DUP
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20091001	20091001	20091007	20091007	20091007	20091007	20091007	20091007
Area	Campo Pozzi del Peccia	Campo Pozzi del Peccia	Campo Pozzi Tavano I	Campo Pozzi Tavano I	Campo Pozzi Tavano I	Campo Pozzi Tavano II	Campo Pozzi Tavano II	Campo Pozzi Tavano II
Premise ID	NA	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
ZINC	1 U	1 U	467	511.5	556	185	185.5	186
Inorganics (mg/L)								
CALCIUM	71.75	72	129	128	127	185	184.5	184
MAGNESIUM	22.85	23	35.6	35.3	35	44.2	44.3	44.4
POTASSIUM	1.025	1.04	13	12.95	12.9	18	18.1	18.2
SODIUM	3.705	3.74	51.4	51.3	51.2	81.7	82.65	83.6
Microbiological Parameters (CFU/1)								
FECAL COLIFORM	1 <		1 <	1 <		1 <	1 <	
TOTAL COLIFORM	1 <		1 <	1 <		1 <	1 <	
Miscellaneous Parametes (mg/L)								
CHLORIDE	5.495	5.57	102	102	102	163	163	163
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.2 U	0.2 U	0.22	0.2525	0.285	0.243	0.2925	0.342
NITRATE	3.745 J	3.73 J	14	14	14	21	21.1	21.2
NITRITE	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PHOSPHATE	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
SULFATE	4.225	4.48	35.3	34.15	33	64.1	64.3	64.5
Field Parameters								
CHLORINE MG/L	0		0	0		0	0	
CONDUCTIVITY MS/CM	0.511		1.18	1.18		1.58	1.58	
DISSOLVED OXYGEN MG/L	13.06		10.34	10.34		5.41	5.41	
OXIDATION REDUCTION POTENTIAL MV	204		222	222		187	187	
PH S.U.	6.9		6.76	6.76		6.88	6.88	
SALINITY %	0.01		0.3	0.3		0.5	0.5	
TEMPERATURE C	14.83		20.46	20.46		20.83	20.83	
TURBIDITY NTU	0.5		12.8	12.8		0	0	

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS09	WS09	WS09	WS10	WS10	WS10	WS11
Sample ID	WS09AW001	WS09AW001-AVG	WS09AW001-D	WS10AW001	WS10AW001-AVG	WS10AW001-D	WS11AW001
Site	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA
Sample Code	ORIG	AVG	DUP	ORIG	AVG	DUP	ORIG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20091007	20091007	20091007	20091008	20091008	20091008	20091008
Area	Pozzi Galleria Quota 80 (Campo Pozzi	Pozzi Galleria Quota 80 (Campo Pozzi	Pozzi Galleria Quota 80 (Campo Pozzi	Campo Pozzi Santa Sofia	Campo Pozzi Santa Sofia	Campo Pozzi Santa Sofia	Campo Pozzi Montemaggiore
Premise ID	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Dioxins (ng/L)							
1,2,3,4,6,7,8,9-OCDD	0.0041 U	0.0038 U	0.0035 U	0.003 U	0.00335 U	0.0037 U	0.0046 U
1,2,3,4,6,7,8,9-OCDF	0.0013 U	0.0012 U	0.0011 U	0.0013 U	0.0015 U	0.0017 U	0.001 U
1,2,3,4,6,7,8-HPCDD	0.0016 U	0.00165 U	0.0017 U	0.0021 U	0.0016 U	0.0011 U	0.002 U
1,2,3,4,6,7,8-HPCDF	0.0012 U	0.0014 U	0.0016 U	0.0013 U	0.00145 U	0.0016 U	0.002 U
1,2,3,4,7,8,9-HPCDF	0.00055 J	0.00037 J	0.00038 U	0.00043 J	0.00064 J	0.00085 J	0.00087 J
1,2,3,4,7,8-HXCDD	0.00019 U	0.00025 U	0.00031 U	0.00031 U	0.00024 U	0.00017 U	0.00019 U
1,2,3,4,7,8-HXCDF	0.00057 U	0.000485 U	0.0004 U	0.00038 U	0.000355 U	0.00033 U	0.00052 U
1,2,3,6,7,8-HXCDD	0.00048 U	0.000345 U	0.00021 U	0.00047 U	0.00041 U	0.00035 U	0.00033 U
1,2,3,6,7,8-HXCDF	0.00069 U	0.00058 U	0.00047 U	0.00066 U	0.000625 U	0.00059 U	0.00057 U
1,2,3,7,8,9-HXCDD	0.00024 J	0.000345 J	0.00045 J	0.0004 J	0.00033 J	0.00026 J	0.0004 J
1,2,3,7,8,9-HXCDF	0.000214 J	0.000155 J	0.00019 U	0.000284 J	0.000284 J	0.000331 U	0.00031 U
1,2,3,7,8-PECDD	0.00052 U	0.000485 U	0.00045 U	0.00036 U	0.000415 U	0.00047 U	0.00035 U
1,2,3,7,8-PECDF	0.00067 U	0.000725 U	0.00078 U	0.001 U	0.00082 U	0.00064 U	0.001 U
2,3,4,6,7,8-HXCDF	0.000214 U	0.00021 J	0.00021 J	0.00028 J	0.000315 J	0.00035 J	0.00047 J
2,3,4,7,8-PECDF	0.00095 U	0.000745 U	0.00054 U	0.00088 U	0.000618 U	0.000355 U	0.00078 U
2,3,7,8-TCDD	0.000404 U	0.000522 U	0.00064 U	0.00064 U	0.000651 U	0.000662 U	0.000613 U
2,3,7,8-TCDF	0.00021 U	0.00019 U	0.00017 U	0.00057 U	0.00038 U	0.00019 U	0.00042 U
TEQ	5.09E-05	0.000059	0.000066	0.000101	0.000086	6.95E-05	0.0000957
TOTAL HPCDD	0.0025 J	0.0021 J	0.0017 J	0.0029 J	0.00255 J	0.0022 J	0.002 J
TOTAL HPCDF	0.0025 J	0.00265 J	0.0028 J	0.0017 J	0.00245 J	0.0032 J	0.0037 J
TOTAL HXCDD	0.0009 J	0.000935 J	0.00097 J	0.002 J	0.00139 J	0.00078 J	0.00092 J
TOTAL HXCDF	0.0017 J	0.00195 J	0.0022 J	0.0016 J	0.00155 J	0.0015 J	0.0044 J
TOTAL PECDD	0.00052 J	0.000485 J	0.00045 J	0.00036 U	0.000325 J	0.00047 J	0.00035 J
TOTAL PECDF	0.0016 J	0.00145 J	0.0013 J	0.0018 J	0.001315 J	0.00083 J	0.0018 J
TOTAL TCDD	0.001213 U	0.001566 U	0.001917 U	0.00192 U	0.00196 U	0.002 U	0.001839 U
TOTAL TCDF	0.00043 J	0.000395 J	0.00036 J	0.0009 J	0.000545 J	0.00038 U	0.00064 J
Volatile Organics (ug/L)							
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS09	WS09	WS09	WS10	WS10	WS10	WS11
Sample ID	WS09AW001	WS09AW001-AVG	WS09AW001-D	WS10AW001	WS10AW001-AVG	WS10AW001-D	WS11AW001
Site	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA
Sample Code	ORIG	AVG	DUP	ORIG	AVG	DUP	ORIG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20091007	20091007	20091007	20091008	20091008	20091008	20091008
Area	Pozzi Galleria Quota 80 (Campo Pozzi	Pozzi Galleria Quota 80 (Campo Pozzi	Pozzi Galleria Quota 80 (Campo Pozzi	Campo Pozzi Santa Sofia	Campo Pozzi Santa Sofia	Campo Pozzi Santa Sofia	Campo Pozzi Montemaggiore
Premise ID	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMOFORM	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS09	WS09	WS09	WS10	WS10	WS10	WS11
Sample ID	WS09AW001	WS09AW001-AVG	WS09AW001-D	WS10AW001	WS10AW001-AVG	WS10AW001-D	WS11AW001
Site	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA
Sample Code	ORIG	AVG	DUP	ORIG	AVG	DUP	ORIG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20091007	20091007	20091007	20091008	20091008	20091008	20091008
Area	Pozzi Galleria Quota 80 (Campo Pozzi	Pozzi Galleria Quota 80 (Campo Pozzi	Pozzi Galleria Quota 80 (Campo Pozzi	Campo Pozzi Santa Sofia	Campo Pozzi Santa Sofia	Campo Pozzi Santa Sofia	Campo Pozzi Montemaggiore
Premise ID	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Radionuclides (PCI/L)							
GROSS ALPHA	10.6 J	10.6 J		10.9 J	6.915 J	2.93 J	2.71 U
GROSS BETA	13.6	13.6		6.41	6.18	5.95	5.56
Inorganics (ug/L)							
ALUMINUM	6.68	8.59	10.5	19.4	13.855 J	8.31 J	24.4
ANTIMONY	0.241	0.1555	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	39.3	39.2	39.1	33.9	33.95	34	39.8
BARIUM	21.8	20.8	19.8	20.9	20.95	21	20.4
BERYLLIUM	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
CADMIUM	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHROMIUM	2.33	2.74	3.15	3.34	3.365 J	3.39 J	7.2 J
COBALT	1.33	1.305	1.28	1.05	1.095 J	1.14 J	1.3
COPPER	3.43 J	2.765 J	2.1 J	2.22	2.415 J	2.61 J	20.3
IRON	37.9	42.25	46.6	32.3	34.2 J	36.1 J	60.1 J
LEAD	2.25	2.035	1.82	0.143 U	0.1985 U	0.254 U	0.899 U
MANGANESE	0.392	0.476	0.56	0.13	0.4465 J	0.763 J	0.633
MERCURY	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
NICKEL	18.1	16.2	14.3	2.95	2.965 J	2.98 J	4.66
SELENIUM	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
THALLIUM	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
TIN	4.84 J	2.562 J	0.284 J	0.249	0.575	0.901	0.24
URANIUM	3.41	3.42	3.43	1.51	1.435	1.36	1.98
VANADIUM	3.54	3.335	3.13	4.76	3.975 J	3.19 J	6.78

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS09	WS09	WS09	WS10	WS10	WS10	WS11
Sample ID	WS09AW001	WS09AW001-AVG	WS09AW001-D	WS10AW001	WS10AW001-AVG	WS10AW001-D	WS11AW001
Site	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA
Sample Code	ORIG	AVG	DUP	ORIG	AVG	DUP	ORIG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20091007	20091007	20091007	20091008	20091008	20091008	20091008
Area	Pozzi Galleria Quota 80 (Campo Pozzi	Pozzi Galleria Quota 80 (Campo Pozzi	Pozzi Galleria Quota 80 (Campo Pozzi	Campo Pozzi Santa Sofia	Campo Pozzi Santa Sofia	Campo Pozzi Santa Sofia	Campo Pozzi Montemaggiore
Premise ID	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
ZINC	20.9 J	14.39 J	7.88 J	139 J	118.85 J	98.7 J	5.84
Inorganics (mg/L)							
CALCIUM	178	177.5	177	161	161	161	180
MAGNESIUM	30.5	30.4	30.3	24.8	24.7	24.6	44.3
POTASSIUM	11.1	11.1	11.1	7.67	7.665	7.66	6.49
SODIUM	71.4	71.4	71.4	31.9	31.85	31.8	16.3
Microbiological Parameters (CFU/1)							
FECAL COLIFORM	1 <	1 <		1 <	1 <		1 <
TOTAL COLIFORM	1 <	1 <		1 <	1 <		1
Miscellaneous Parametes (mg/L)							
CHLORIDE	144	145.5	147	59.9	59.85	59.8	27.2
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.2 U	0.158	0.216	0.328	0.3415	0.355	0.262
NITRATE	9.03	9.04	9.05	9.23	9.19	9.15	5.12
NITRITE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PHOSPHATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
SULFATE	28.1	28.15	28.2	12	12.25	12.5	8.9
Field Parameters							
CHLORINE MG/L	0	0		0	0		0
CONDUCTIVITY MS/CM	1.34	1.34		1.37	1.37		1.49
DISSOLVED OXYGEN MG/L	17.9	17.9		8.52	8.52		7.71
OXIDATION REDUCTION POTENTIAL MV	158	158		288	288		252
PH S.U.	7.16	7.16		6.42	6.42		6.64
SALINITY %	0.4	0.4		0.04	0.04		0.04
TEMPERATURE C	19.61	19.61		17.87	17.87		17.37
TURBIDITY NTU	4.4	4.4		2.5	2.5		6.3

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS11	WS11	WS12	WS12	WS12	WS13	WS13
Sample ID	WS11AW001-AVG	WS11AW001-D	WS12AW001	WS12AW001-AVG	WS12AW001-D	WS13AW001	WS13AW001-AVG
Site	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA
Sample Code	AVG	DUP	ORIG	AVG	DUP	ORIG	AVG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20091008	20091008	20091014	20091014	20091014	20091014	20091014
Area	Campo Pozzi Montemaggiore	Campo Pozzi Montemaggiore	Santa Maria la Foce	Santa Maria la Foce	Santa Maria la Foce	Campo Pozzi Mercato Palazzo	Campo Pozzi Mercato Palazzo
Premise ID	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Dioxins (ng/L)							
1,2,3,4,6,7,8,9-OCDD	0.00515 U	0.0057 U	0.0054 U	0.0058 U	0.0062 U	0.02 U	0.01345 U
1,2,3,4,6,7,8,9-OCDF	0.0012 U	0.0014 U	0.0077 U	0.00575 U	0.0038 U	0.0075 U	0.0059 U
1,2,3,4,6,7,8-HPCDD	0.0018 U	0.0016 U	0.002 U	0.00155 U	0.0011 U	0.0045 U	0.00365 U
1,2,3,4,6,7,8-HPCDF	0.0016 U	0.0012 U	0.0089 U	0.007 U	0.0051 U	0.0096 U	0.00705 U
1,2,3,4,7,8,9-HPCDF	0.000765 J	0.00066 J	0.001042 U	0.001136 U	0.00123 U	0.0012 U	0.0012 U
1,2,3,4,7,8-HXCDD	0.00019 U	0.00019 U	0.00078 U	0.000805 U	0.00083 U	0.0011 J	0.000755 J
1,2,3,4,7,8-HXCDF	0.00058 U	0.00064 U	0.0011 U	0.00085 J	0.00085 J	0.001029 U	0.00077 J
1,2,3,6,7,8-HXCDD	0.00026 U	0.00019 U	0.000703 U	0.000732 U	0.00076 U	0.00086 J	0.000618 J
1,2,3,6,7,8-HXCDF	0.00071 U	0.00085 U	0.00095 U	0.00078 J	0.00078 J	0.000933 U	0.00072 J
1,2,3,7,8,9-HXCDD	0.000365 J	0.00033 J	0.00075 U	0.000765 U	0.00078 U	0.00096 U	0.000866 U
1,2,3,7,8,9-HXCDF	0.00028 J	0.00028 J	0.0012 U	0.00086 U	0.00052 U	0.001148 U	0.000864 U
1,2,3,7,8-PECDD	0.000317 U	0.000283 U	0.00061 J	0.00043 J	0.0005 U	0.000694 U	0.000612 U
1,2,3,7,8-PECDF	0.0011 U	0.0012 U	0.000582 U	0.000546 J	0.0008 J	0.00065 U	0.000813 J
2,3,4,6,7,8-HXCDF	0.000288 J	0.000212 U	0.0011 U	0.00052 J	0.00052 J	0.0011 U	0.000815 U
2,3,4,7,8-PECDF	0.00065 U	0.00052 U	0.00087 J	0.001135 J	0.0014 J	0.00077 J	0.000795 J
2,3,7,8-TCDD	0.000592 U	0.00057 U	0.0012 U	0.001203 U	0.001206 U	0.001124 U	0.001116 U
2,3,7,8-TCDF	0.00033 U	0.00024 U	0.000363 U	0.000597 U	0.00083 U	0.0005 U	0.000445 U
TEQ	0.000082	6.76E-05	0.000871	0.000765	0.000659	0.000427	0.000431
TOTAL HPCDD	0.00235 J	0.0027 J	0.002 J	0.001275 J	0.0011 U	0.0079 J	0.00535 J
TOTAL HPCDF	0.00315 J	0.0026 J	0.017 J	0.01335 J	0.0097 J	0.018 J	0.0136 J
TOTAL HXCDD	0.000765 J	0.00061 J	0.002206 U	0.002303 U	0.0024 U	0.0029 J	0.002035 J
TOTAL HXCDF	0.0034 J	0.0024 J	0.0077 J	0.00505 J	0.0024 J	0.005205 U	0.0039 J
TOTAL PECDD	0.000246 J	0.000283 U	0.00061 J	0.00043 J	0.0005 U	0.000694 U	0.000612 U
TOTAL PECDF	0.0018 J	0.0018 J	0.0013 J	0.00175 J	0.0022 J	0.0014 J	0.00175 J
TOTAL TCDD	0.00177 U	0.0017 U	0.0036 U	0.00361 U	0.003619 U	0.0034 U	0.003363 U
TOTAL TCDF	0.000438 J	0.000471 U	0.00073 U	0.000833 J	0.0013 J	0.000813 U	0.000793 U
Volatile Organics (ug/L)							
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS11	WS11	WS12	WS12	WS12	WS13	WS13
Sample ID	WS11AW001-AVG	WS11AW001-D	WS12AW001	WS12AW001-AVG	WS12AW001-D	WS13AW001	WS13AW001-AVG
Site	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA
Sample Code	AVG	DUP	ORIG	AVG	DUP	ORIG	AVG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20091008	20091008	20091014	20091014	20091014	20091014	20091014
Area	Campo Pozzi Montemaggiore	Campo Pozzi Montemaggiore	Santa Maria la Foce	Santa Maria la Foce	Santa Maria la Foce	Campo Pozzi Mercato Palazzo	Campo Pozzi Mercato Palazzo
Premise ID	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BROMOFORM	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS11	WS11	WS12	WS12	WS12	WS13	WS13
Sample ID	WS11AW001-AVG	WS11AW001-D	WS12AW001	WS12AW001-AVG	WS12AW001-D	WS13AW001	WS13AW001-AVG
Site	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA
Sample Code	AVG	DUP	ORIG	AVG	DUP	ORIG	AVG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20091008	20091008	20091014	20091014	20091014	20091014	20091014
Area	Campo Pozzi Montemaggiore	Campo Pozzi Montemaggiore	Santa Maria la Foce	Santa Maria la Foce	Santa Maria la Foce	Campo Pozzi Mercato Palazzo	Campo Pozzi Mercato Palazzo
Premise ID	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.118 J	0.133 J
TOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0795 J
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Radionuclides (PCI/L)							
GROSS ALPHA	2.7 U	2.69 U	2.96 U	2.95 U	2.94 U	2.86 U	2.83 U
GROSS BETA	5.95	6.34	9.93	9.185	8.44	8.42	7.435
Inorganics (ug/L)							
ALUMINUM	18.05	11.7	2.52	3.37	4.22	2.2 U	2.2 U
ANTIMONY	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
ARSENIC	39.35	38.9	53.2	52.8	52.4	42.8	43
BARIUM	20.35	20.3	15.6	17.15	18.7	19.6	17.8
BERYLLIUM	0.03 U	0.03 U	0.0318 U	0.05565 U	0.0795 U	0.0305 U	0.0531 U
CADMIUM	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHROMIUM	5.3 J	3.4 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
COBALT	1.275	1.25	1.94	1.93	1.92	1.65	1.6
COPPER	19.25	18.2	0.998	1.074	1.15	0.559	0.5255
IRON	49.4 J	38.7 J	15.6	15.2	14.8	12.8	13.5
LEAD	0.782 U	0.665 U	0.04 U	0.0675	0.115	0.0642	0.0421
MANGANESE	0.556	0.479	0.1 U	0.1 U	0.1 U	0.408	0.229
MERCURY	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
NICKEL	4.165	3.67	1.39 U	1.8825 J	3.07 J	0.822 U	0.931 U
SELENIUM	0.2 U	0.2 U	0.802	0.686	0.57	0.575	0.6045
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
THALLIUM	0.04 U	0.04 U	0.04 U	0.4265	0.833	0.461	0.3585
TIN	0.69	1.14	0.789	0.47475	0.321 U	0.132 U	0.2595 U
URANIUM	2.045	2.11	2.03	2.015	2	1.6	1.63
VANADIUM	5.795	4.81	1 U	2.74 U	4.48 U	1 UJ	5.4 J

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS11	WS11	WS12	WS12	WS12	WS13	WS13
Sample ID	WS11AW001-AVG	WS11AW001-D	WS12AW001	WS12AW001-AVG	WS12AW001-D	WS13AW001	WS13AW001-AVG
Site	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00	00	00	00
Matrix	RW	RW	RW	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA	NA	NA	NA
Sample Code	AVG	DUP	ORIG	AVG	DUP	ORIG	AVG
Top Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999	-9999	-9999	-9999
Sample Date	20091008	20091008	20091014	20091014	20091014	20091014	20091014
Area	Campo Pozzi Montemaggiore	Campo Pozzi Montemaggiore	Santa Maria la Foce	Santa Maria la Foce	Santa Maria la Foce	Campo Pozzi Mercato Palazzo	Campo Pozzi Mercato Palazzo
Premise ID	NA	NA	NA	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
ZINC	6.385	6.93	8.02 U	7.385 U	6.75 U	2.16 U	2.055 U
Inorganics (mg/L)							
CALCIUM	178.5	177	107	107.5	108	89.6	89.9
MAGNESIUM	43.95	43.6	30.1	30.2	30.3	22.1	22.15
POTASSIUM	6.465	6.44	10.1	10.15	10.2	8.78	8.79
SODIUM	16.2	16.1	35.9	36.1	36.3	24.5	24.65
Microbiological Parameters (CFU/1)							
FECAL COLIFORM	1 <		1 <	1 <		1 <	1 <
TOTAL COLIFORM	1		1 <	1 <		1 <	1 <
Miscellaneous Parametes (mg/L)							
CHLORIDE	26.4	25.6	63.9	65.85	67.8	44.7	44.75
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.2825	0.303	0.36	0.386	0.412	0.342	0.3
NITRATE	5.11	5.1	10.5	10.6	10.7	10.6	10.6
NITRITE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PHOSPHATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
SULFATE	8.38	7.86	17.5	17.95	18.4	15.7	15.45
Field Parameters							
CHLORINE MG/L	0		0	0		0	0
CONDUCTIVITY MS/CM	1.49		0.944	0.944		0.761	0.761
DISSOLVED OXYGEN MG/L	7.71		9.46	9.46		10.26	10.26
OXIDATION REDUCTION POTENTIAL MV	252		276	276		250	250
PH S.U.	6.64		6.96	6.96		6.86	6.86
SALINITY %	0.04		0.02	0.02		0.2	0.2
TEMPERATURE C	17.37		13.29	13.29		15.21	15.21
TURBIDITY NTU	6.3		0	0		30.7	30.7

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS13	WS14	WS14	WS14
Sample ID	WS13AW001-D	WS14AW001	WS14AW001-AVG	WS14AW001-D
Site	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00
Matrix	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA
Sample Code	DUP	ORIG	AVG	DUP
Top Depth	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999
Sample Date	20091014	20091014	20091014	20091014
Area	Campo Pozzi Mercato Palazzo	Santa Maria di Lavorate	Santa Maria di Lavorate	Santa Maria di Lavorate
Premise ID	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
Dioxins (ng/L)				
1,2,3,4,6,7,8,9-OCDD	0.0069 U	0.0069 U	0.0064 U	0.0059 U
1,2,3,4,6,7,8,9-OCDF	0.0043 U	0.003 U	0.00355 U	0.0041 U
1,2,3,4,6,7,8-HPCDD	0.0028 U	0.0019 U	0.00195 U	0.002 U
1,2,3,4,6,7,8-HPCDF	0.0045 U	0.0035 U	0.00445 U	0.0054 U
1,2,3,4,7,8,9-HPCDF	0.0012 U	0.0014 U	0.001176 U	0.000952 U
1,2,3,4,7,8-HXCDD	0.00082 U	0.001243 U	0.001 J	0.001 J
1,2,3,4,7,8-HXCDF	0.00077 J	0.00072 J	0.00086 J	0.001 J
1,2,3,6,7,8-HXCDD	0.00075 U	0.001147 U	0.001 J	0.001 J
1,2,3,6,7,8-HXCDF	0.00072 J	0.00069 J	0.00069 J	0.00069 J
1,2,3,7,8,9-HXCDD	0.000771 U	0.0012 U	0.00092 U	0.00064 U
1,2,3,7,8,9-HXCDF	0.00058 U	0.00065 U	0.00054 U	0.00043 U
1,2,3,7,8-PECDD	0.00053 U	0.000741 U	0.000706 U	0.00067 U
1,2,3,7,8-PECDF	0.0013 J	0.00098 J	0.00079 J	0.0006 J
2,3,4,6,7,8-HXCDF	0.00053 U	0.00067 J	0.00043 J	0.00038 U
2,3,4,7,8-PECDF	0.00082 J	0.00077 J	0.00086 J	0.00095 J
2,3,7,8-TCDD	0.001108 U	0.001315 U	0.001123 U	0.00093 U
2,3,7,8-TCDF	0.00039 U	0.00086 U	0.000715 U	0.00057 U
TEQ	0.000434	0.000468	0.00057	0.000672
TOTAL HPCDD	0.0028 J	0.0019 J	0.00195 J	0.002 J
TOTAL HPCDF	0.0092 J	0.0068 J	0.0079 J	0.009 J
TOTAL HXCDD	0.002338 U	0.0036 U	0.0027 J	0.0027 J
TOTAL HXCDF	0.0039 J	0.0024 U	0.0029 J	0.0046 J
TOTAL PECDD	0.00053 U	0.000741 U	0.000706 U	0.00067 U
TOTAL PECDF	0.0021 J	0.0017 J	0.0016 J	0.0015 J
TOTAL TCDD	0.003326 U	0.003945 U	0.003373 U	0.0028 U
TOTAL TCDF	0.000771 U	0.001 J	0.00088 J	0.00076 J
Volatile Organics (ug/L)				
1,1,1,2-TETRACHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,1,1-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2,2-TETRACHLOROETHANE	0.08 U	0.08 U	0.08 U	0.08 U
1,1,2-TRICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,1-DICHLOROETHENE	0.14 U	0.14 U	0.14 U	0.14 U
1,2,3-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U
1,2,4-TRICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS13	WS14	WS14	WS14
Sample ID	WS13AW001-D	WS14AW001	WS14AW001-AVG	WS14AW001-D
Site	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00
Matrix	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA
Sample Code	DUP	ORIG	AVG	DUP
Top Depth	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999
Sample Date	20091014	20091014	20091014	20091014
Area	Campo Pozzi Mercato Palazzo	Santa Maria di Lavorate	Santa Maria di Lavorate	Santa Maria di Lavorate
Premise ID	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
1,2,4-TRIMETHYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U
1,2-DIBROMO-3-CHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U
1,2-DIBROMOETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROBENZENE	0.08 U	0.08 U	0.08 U	0.08 U
1,2-DICHLOROETHANE	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROTETRAFLUOROETHANE	0.2 U	0.2 U	0.2 U	0.2 U
1,3,5-TRIMETHYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U
1,3-DICHLOROBENZENE	0.13 U	0.13 U	0.13 U	0.13 U
1,3-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U
1,4-DICHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U
2,2-DICHLOROPROPANE	0.1 U	0.1 U	0.1 U	0.1 U
2-BUTANONE	2 U	2 U	2 U	2 U
2-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U
2-HEXANONE	0.2 U	0.2 U	0.2 U	0.2 U
4-CHLOROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U
4-ISOPROPYLTOLUENE	0.07 U	0.07 U	0.07 U	0.07 U
4-METHYL-2-PENTANONE	0.11 U	0.11 U	0.11 U	0.11 U
ACETONE	1 U	1 U	1 U	1 U
ACROLEIN	1.3 U	1.3 U	1.3 U	1.3 U
BENZENE	0.11 U	0.11 U	0.11 U	0.11 U
BROMOCHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U
BROMODICHLOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U
BROMOFORM	0.06 U	0.06 U	0.06 U	0.06 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.08 U	0.08 U	0.08 U	0.08 U
CHLOROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U
CHLORODIBROMOMETHANE	0.1 U	0.1 U	0.1 U	0.1 U
CHLOROETHANE	0.3 U	0.3 U	0.3 U	0.3 U
CHLOROFORM	0.09 U	0.646	0.669	0.692
CHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U
CIS-1,2-DICHLOROETHENE	0.1 U	0.1 U	0.1 U	0.1 U
CIS-1,3-DICHLOROPROPENE	0.1 U	0.1 U	0.1 U	0.1 U
DICHLORODIFLUOROMETHANE	0.14 U	0.14 U	0.14 U	0.14 U
ETHYLBENZENE	0.05 U	0.05 U	0.05 U	0.05 U
ISOPROPYLBENZENE	0.08 U	0.08 U	0.08 U	0.08 U
M+P-XYLENES	0.1 U	0.1 U	0.1 U	0.1 U
METHYL TERT-BUTYL ETHER	0.1 U	0.1 U	0.1 U	0.1 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS13	WS14	WS14	WS14
Sample ID	WS13AW001-D	WS14AW001	WS14AW001-AVG	WS14AW001-D
Site	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00
Matrix	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA
Sample Code	DUP	ORIG	AVG	DUP
Top Depth	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999
Sample Date	20091014	20091014	20091014	20091014
Area	Campo Pozzi Mercato Palazzo	Santa Maria di Lavorate	Santa Maria di Lavorate	Santa Maria di Lavorate
Premise ID	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
METHYLENE CHLORIDE	0.2 U	0.2 U	0.2 U	0.2 U
N-BUTYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U
N-PROPYLBENZENE	0.07 U	0.07 U	0.07 U	0.07 U
O-XYLENE	0.07 U	0.07 U	0.07 U	0.07 U
SEC-BUTYLBENZENE	0.06 U	0.06 U	0.06 U	0.06 U
STYRENE	0.08 U	0.08 U	0.08 U	0.08 U
TERT-BUTYLBENZENE	0.1 U	0.1 U	0.1 U	0.1 U
TETRACHLOROETHENE	0.148 J	0.1 U	0.1 U	0.1 U
TOLUENE	0.109 J	0.1 U	0.1 U	0.1 U
TRANS-1,2-DICHLOROETHENE	0.11 U	0.11 U	0.11 U	0.11 U
TRANS-1,3-DICHLOROPROPENE	0.07 U	0.07 U	0.07 U	0.07 U
TRICHLOROETHENE	0.13 U	0.13 U	0.13 U	0.13 U
TRICHLOROFLUOROMETHANE	0.1 U	0.1 U	0.1 U	0.1 U
VINYL CHLORIDE	0.1 U	0.1 U	0.1 U	0.1 U
Radionuclides (PCI/L)				
GROSS ALPHA	2.8 U	2.93 U	2.915 U	2.9 U
GROSS BETA	6.45	7.79	7.975	8.16
Inorganics (ug/L)				
ALUMINUM	2.2 U	2.2 U	2.2 U	2.2 U
ANTIMONY	0.14 U	0.28	0.275	0.27
ARSENIC	43.2	60.1	61.05	62
BARIUM	16	15.7	13.95	12.2
BERYLLIUM	0.0757 U	0.0551 U	0.05585 U	0.0566 U
CADMIUM	0.04 U	0.04 U	0.04 U	0.04 U
CHROMIUM	0.15 U	0.15 U	0.15 U	0.15 U
COBALT	1.55	2.26	2.265	2.27
COPPER	0.492	0.364	0.2665	0.169
IRON	14.2	16.9	18.4	19.9
LEAD	0.04 U	0.04 U	0.04 U	0.04 U
MANGANESE	0.1 U	0.1 U	0.1 U	0.1 U
MERCURY	0.015 U	0.015 U	0.015 U	0.015 U
NICKEL	1.04 U	1.36 U	1.405 U	1.45 U
SELENIUM	0.634	0.344	0.4495	0.555
SILVER	0.12 U	0.12 U	0.12 U	0.12 U
THALLIUM	0.256	0.259	0.1749	0.0908
TIN	0.387 U	9.43 J	4.75725 J	0.169 U
URANIUM	1.66	2.62	2.595	2.57
VANADIUM	10.3 J	1 U	2.325 U	3.65 U

ATTACHMENT E

AQUEDUCT - SOURCE WATER
PHASE II ENVIRONMENTAL TESTING SUPPORT ASSESSMENT
NSA NAPLES, ITALY

Location	WS13	WS14	WS14	WS14
Sample ID	WS13AW001-D	WS14AW001	WS14AW001-AVG	WS14AW001-D
Site	NPI	NPI	NPI	NPI
Event	PHASE II	PHASE II	PHASE II	PHASE II
Study Area	00	00	00	00
Matrix	RW	RW	RW	RW
Submatrix	NA	NA	NA	NA
Sample Code	DUP	ORIG	AVG	DUP
Top Depth	-9999	-9999	-9999	-9999
Bottom Depth	-9999	-9999	-9999	-9999
Sample Date	20091014	20091014	20091014	20091014
Area	Campo Pozzi Mercato Palazzo	Santa Maria di Lavorate	Santa Maria di Lavorate	Santa Maria di Lavorate
Premise ID	NA	NA	NA	NA
Likely Water Source	SOURCE WATER	SOURCE WATER	SOURCE WATER	SOURCE WATER
ZINC	1.95 U	1 U	1.225 U	1.45 U
Inorganics (mg/L)				
CALCIUM	90.2	126	126.5	127
MAGNESIUM	22.2	28.4	28.45	28.5
POTASSIUM	8.8	10.1	10.1	10.1
SODIUM	24.8	24.4	24.35	24.3
Microbiological Parameters (CFU/1)				
FECAL COLIFORM		1 <	1 <	
TOTAL COLIFORM		4.2	4.2	
Miscellaneous Parametes (mg/L)				
CHLORIDE	44.8	44.5	44.7	44.9
CYANIDE	0.004 U	0.004 U	0.004 U	0.004 U
FLUORIDE	0.258	0.434	0.391	0.348
NITRATE	10.6	9.75	9.675	9.6
NITRITE	0.2 U	0.2 U	0.2 U	0.2 U
PHOSPHATE	0.4 U	0.4 U	0.4 U	0.4 U
SULFATE	15.2	24.2	24.15	24.1
Field Parameters				
CHLORINE MG/L		0	0	
CONDUCTIVITY MS/CM		0.944	0.944	
DISSOLVED OXYGEN MG/L		9.46	9.46	
OXIDATION REDUCTION POTENTIAL MV		276	276	
PH S.U.		6.96	6.96	
SALINITY %		0.02	0.02	
TEMPERATURE C		13.29	13.29	
TURBIDITY NTU		0	0	

APPENDIX D

VAPOR INTRUSION INVESTIGATION REPORT AND MITIGATION RECOMMENDATIONS: US NAVAL SUPPORT ACTIVITY AT CAPODICHINO AND US NAVAL SUPPORT SITE AT GRICIGNANO

FINAL - REVISION 2

Vapor Intrusion Investigation Report and Mitigation Recommendations US Naval Support Activity at Capodichino and US Naval Support Site at Gricignano

Naval Support Activity Naples Naples, Italy

Naval Facilities Engineering Command Atlantic

Contract Number N62472-03-D-0057
Contract Task Order 131

February 3, 2010

Tetra Tech

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EXECUTIVE SUMMARY

This report presents the actions, findings, and recommendations of studies performed at United States Naval Support Activity Naples structures located in Capodichino and Gricignano, Italy. The presence of volatile organic compounds (VOCs) in water samples collected from irrigation wells at United States Naval Support Activity installations at Capodichino and Gricignano suggested that vapor intrusion (VI) could be a potential contaminant transport pathway at these sites. Therefore, the Navy initiated a VI investigation at these two installations.

This investigation used a phased approach to determine if VI from subsurface environmental impacts would result in unacceptable health risks. The investigators collected a total of 45 active soil gas (ASG) samples during four sampling "rounds." Tetra Tech collected these samples from beneath slabs at buildings selected based on concerns related to occupancy use and to provide geographic coverage at the two installations. Elevated concentrations detected during the first two rounds of ASG sampling led to a VI building survey that determined potential VI pathways and identified conceptual design features for potential mitigation systems. Based on initial ASG results and building survey findings, Tetra Tech collected additional ASG samples and selected buildings for indoor air quality (IAQ) sampling.

For IAQ sampling, the VI constituent of concern was tetrachlorethene (PCE) based on multiple lines of evidence including ambient air data, groundwater data, soil data, and the presence of other compounds in soil gas typically associated with volcanic activity. The IAQ investigations at Capodichino and the Support Site indicated that the Capodichino Child Development Center (CDC) was the only location where PCE in indoor air was potentially present because of VI. Results of indoor air samples collected from the Support Site High School indicated no PCE detections, despite the presence of PCE in a sub-slab ASG sample collected from beneath the high school.

Results from the first IAQ sample at the CDC indicated the potential occurrence of VI because levels of PCE slightly exceeded typical ambient air levels; however, these levels are less than the Navy's risk management criteria and indoor air risks at the CDC are acceptable. Because of children's sensitivity to chemical exposure and the uncertainty associated with groundwater concentrations of PCE at Capodichino, Tetra Tech recommends implementing a mitigation measure to limit or prevent the intrusion of PCE into the CDC building. Remedial options could include (1) engineering controls or (2) active mitigation. Tetra Tech does not recommend active VI mitigation in other buildings at the installations.

1.0 INTRODUCTION

As part of the Environmental Testing Support Assessment (ETSA) being conducted as a component of a broader Public Health Evaluation in the Campania region of Naples, Italy, Tetra Tech performed a focused vapor intrusion (VI) investigation to identify the potential for and characterize the presence of volatile organic compounds (VOCs) at two properties where United States Navy and civilian personnel work and reside. These properties included United States Navy installations at Capodichino and Gricignano (**Figure 1-1**).

The presence of VOCs in water samples collected from irrigation wells at United States Naval Support Activity installations at Capodichino (**Table 1-1**) and Gricignano Support Site (**Table 1-2**) suggest that VI could be a potential contaminant transport pathway at these sites. Specifically, PCE is frequently present at concentrations greater than its United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) for tap water. Therefore, the Navy initiated a VI investigation at these two installations.

VI is the migration of VOCs from the subsurface into the indoor air of buildings located above the contamination. The presence of VOCs in water samples collected from irrigation wells at Capodichino and the Support Site indicates groundwater contamination. VOCs in groundwater can volatilize and the vapors can migrate through soil and potentially infiltrate a building through foundation cracks or other preferential pathways such as pipelines. It is important to consider this information in concert with the presence of contaminants in ambient (outdoor) air when evaluating contaminants present in the indoor air. As part of the ETSA, the Navy conducted a year-long study to measure contaminant concentrations in ambient air across the region. To date, this investigation detected VOCs in ambient air and in active soil gas (ASG) samples.

The focused VI investigation included shallow subsurface ASG sampling followed by indoor air quality (IAQ) and ambient air sampling at select locations in Capodichino and Gricignano to assess the potential for contaminants to infiltrate into buildings. Based on ASG sampling results, Tetra Tech collected indoor air samples in select buildings and conducted building surveys to evaluate potential VI pathways and to determine potential mitigation approaches. This Vapor Intrusion Investigation Report and Mitigation Recommendations document presents an overview of the results of these activities at the two United States Naval Support Activity locations, Capodichino and Gricignano Support Site.

TABLE 1-1
CAPODICHINO IRRIGATION WELL-DATA SUMMARY
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Detected Concentrations	Average of All Results
Volatile Organics (µg/L)										
Chloroform	1/1	0	80	1	0.19	0.27 J	0.27 J	-	0.27	0.27
cis-1,2-Dichloroethene	1/1	0	70	0	370	0.214 J	0.214 J	-	0.214	0.214
Tetrachloroethene	1/1	0	5	1	0.11	0.874 J	0.874 J	-	0.874	0.874
Trichloroethene	1/1	0	5	1	1.7	2.7	2.7	-	2.7	2.7

Associated Samples:

CA01IW001

J – Estimated value
MCL – Maximum Contaminant Level (USEPA 2009a)
RSL – Regional Screening Level (USEPA 2009b)

TABLE 1-2

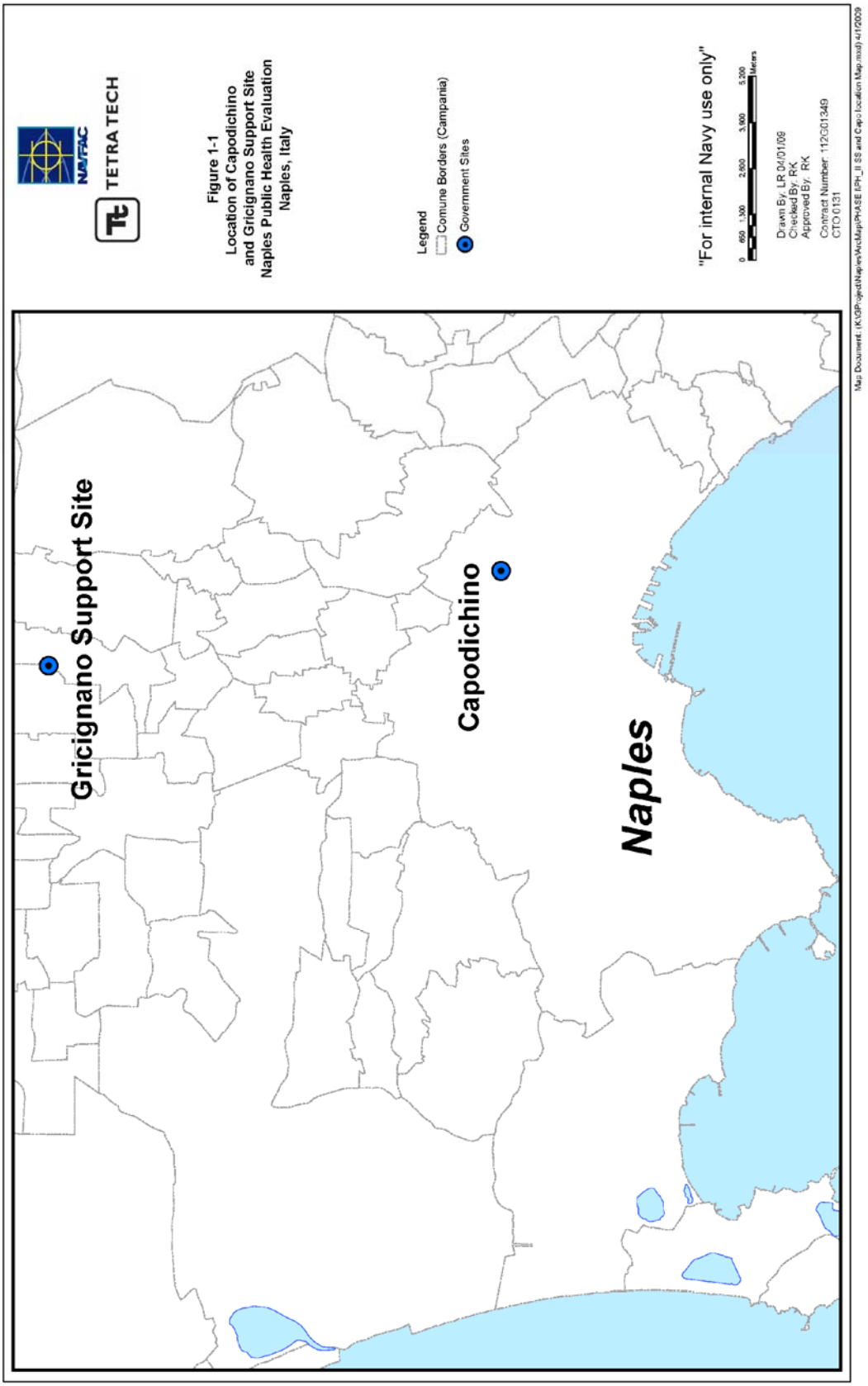
GRICIGNANO SUPPORT SITE IRRIGATION WELL-DATA SUMMARY
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Parameter	Frequency of Detection	Detects > Federal MCL	Federal MCL	Detects > Tap Water RSL	Tap Water RSL	Minimum Detection	Maximum Detection	Range of Nondetects	Average of Detected Concentrations	Average of All Results
Volatile Organics (µg/L)										
1,1,1-Trichloroethane	7/9	0	200	0	9100	0.199 J	1.08	0.17 - 0.17	0.486	0.397
1,1-Dichloroethene	6/9	0	7	0	340	0.132 J	1.21	0.13 - 0.13	0.458	0.327
Acetone	1/9	--	NC	0	22000	1.01 J	1.01 J	1 - 1	1.010	0.557
Bromodichloromethane	1/9	0	80	0	1.1	0.187 J	0.187 J	0.12 - 0.12	0.187	0.074
Dichlorodifluoromethane	1/9	--	NC	0	390	0.216 J	0.216 J	0.12 - 0.12	0.216	0.077
Tetrachloroethene	5/9	0	5	5	0.11	0.267 J	0.597 J	0.07 - 0.07	0.451	0.266
Trichloroethene	1/9	0	5	0	1.7	0.142 J	0.142 J	0.13 - 0.13	0.142	0.074

Associated Samples:

SU01IW001	SU06IW001
SU02IW001	SU07IW001
SU03IW001	SU08IW001
SU04IW001	SU11IW001
SU05IW001	

J – Estimated value
MCL – Maximum Contaminant Level (USEPA 2009a)
RSL – Regional Screening Level (USEPA 2009b)
NC – No criterion


NAVFAC
TETRA TECH
Figure 1-1
Location of Capodichino
and Gricignano Support Site
Naples Public Health Evaluation
Naples, Italy
Legend
Comune Borders (Campania)
Government Sites
"For internal Navy use only"
0 650 1,300 2,600 3,900 5,200
Meters
Drawn By: LR 04/01/09
Checked By: RK
Approved By: RK
Contract Number: 112G01349
CTO 0131
Map Document: (K:\GIS\Projects\Naples\MxdMaps\PHASE II\PH_II SS and Capo location Map.mxd) 4/1/2009
Gricignano Support Site
Capodichino
Naples

2.0 ACTIVE SOIL GAS SAMPLING SUMMARY

Tetra Tech performed ASG sampling at Capodichino and Gricignano Support Site during four separate sampling "rounds." First-round sampling results indicated elevated sub-slab soil gas concentrations at the Bachelor Enlisted Quarters (BEQ) 1 building at Capodichino and the Central Forum at the Gricignano facility. The second round of sampling, which also included the collection of samples at nearby buildings, confirmed the first round results from Capodichino but not Gricignano. After the second round of ASG sampling, Tetra Tech performed a VI survey of buildings at these two installations by visually inspecting the materials and manner of construction of the structures as well as the nature of their use (e.g., occupational, residential, etc.). In addition, Tetra Tech examined the characteristics of the buildings (i.e., extraction points, piping, blower size, and emissions stack locations) to determine their suitability for potential implementation of mitigation systems if needed (typically sub-slab depressurization systems).

Based on the results of the initial two rounds of ASG sampling and the VI survey, Tetra Tech recommended a third round of ASG sampling to provide greater spatial coverage to evaluate additional buildings with potentially sensitive populations at the Gricignano facility, and to delineate potential contamination at Capodichino locations where previous sub-slab ASG results indicated elevated tetrachloroethene (PCE) levels. In addition, Tetra Tech developed risk-based ASG "trigger" levels for indoor air contamination based on building use, likely occupants, and construction. Based on these trigger levels, Tetra Tech performed IAQ sampling for parameters detected during ASG sampling at the Capodichino Child Development Center (CDC). Based on the CDC results, Tetra Tech conducted a fourth round of sampling and collected ASG and IAQ samples at the Capodichino Medical Clinic (Building 457) because of its close proximity to the CDC. In addition, Tetra Tech collected indoor air samples at the Gricignano Support Site Naples American High School based on the results of ASG samples collected during the third round of sampling. Furthermore, based on results from the Water Treatment Plant (WTP), Tetra Tech also collected ASG and IAQ samples at the East Gate Pass and ID Building (Building 468), which is located in close proximity to the WTP.

2.1 SAMPLING METHODS

Field personnel collected ASG samples from beneath building slabs (typically 3 to 6 inches beneath the slab) following installation of tubing sealed in a small-diameter borehole. Sample time was 30 to 60 minutes utilizing a 6-liter Summa® canister. **Appendix A** includes the collection procedures as documented in the Tetra Tech Standard Operating Procedure (SOP) Sub-Slab and Near-Slab Soil Gas Sampling Procedures.

The sampling team collected a total of 45 ASG samples (including duplicates) for VOC analysis at the two installations from locations where the occupancy or use of the building provides conditions more likely to provide exposure to VI contaminants from the subsurface. These locations included buildings such as

schools, residences, and fire stations with bunkrooms. Sample locations provided spatial coverage of Capodichino and the Support Site while attempting to delineate apparent soil gas contamination on the eastern side of Capodichino. Of the 45 samples, seven were resamples (including three duplicates) collected after original sample results indicated elevated VOC concentrations at four sampling locations. The analysis of VOC samples followed EPA Method TO-15A.

Field personnel conducted leak testing during all ASG sampling using a shroud filled with 100-percent helium around the ASG sampling point (**Appendix A**). Five of the samples contained helium at 0.01 percent to 0.24 percent, significantly less than the 10 percent maximum acceptable tracer gas leak level for sampling in New York (New York State Department of Health, 2006). Other leading VI sampling experts also agree that less than 10 percent leakage is insignificant (Hartman and Blayne, 2006). Therefore, Tetra Tech concluded that ASG sample results are representative of sub-slab VOCs and that leakage of ambient air did not influence the results.

2.2 RESULTS/COMPARISON TO SCREENING LEVELS

First-round ASG sampling results indicated PCE in the one sample collected from Capodichino (CA50SG001) and in one of the three samples collected at the Support Site (SU52SG001) at levels more than two orders of magnitude greater than the applicable USEPA RSLs for residential air (USEPA, 2009b). These screening levels assume a 30-year exposure duration and a 10-fold attenuation between soil gas and indoor air (USEPA, 2002). The first-round results prompted a second round of ASG sampling that included resampling the locations with elevated VOC concentrations mentioned above and the collection of samples at additional locations.

The results at resampling location CA50 (CA50SG002) were comparable to the first-round sample results. In contrast, resample results at SU52 were significantly less than those in the first-round sample. The resample and duplicate results at the SU52 location (SU52SG002 and SU52SG002-D) collected 6 inches below the subsurface were comparable to each other, and results from the sample collected 6 feet below the subsurface (SU52SG003) were comparable to the results from 6 inches below ground surface, confirming the resample results.

PCE concentrations were greater than the ASG RSL at two of the four Capodichino second-round sample locations (the CDC and facility's WTP), but no PCE concentrations were greater than the ASG RSL at any of the second-round Support Site sample locations. However, PCE concentrations were elevated in one of the third-round samples collected in the Support Site High School. These elevated results in the second round of sampling at the Capodichino CDC and WTP and the third round of sampling at the Support Site High School prompted IAQ sampling as discussed in Section 3.0.

Tables 2-1 and **2-2** list the compounds detected at Capodichino and the Support Site at concentrations greater than ASG RSLs for residential air assuming a 30-year exposure duration and a 10-fold attenuation between soil gas and indoor air. **Figures 2-1** and **2-2** show detections of PCE at Capodichino and the Support Site, respectively. **Appendix B** includes a complete summary of laboratory results.

2.2.1 Capodichino ASG Results Summary

Tetra Tech collected 22 ASG samples at 14 locations, including duplicates and resamples, in Capodichino buildings during the four sampling rounds. **Table 2-1** presents a summary of the results of this sampling by building name and number. The complete data set is in **Appendix B**. Concentrations of five VOCs exceeded ASG RSLs in samples from at least five locations:

- Benzene, ethylbenzene, and hexachlorobutadiene concentrations were greater than screening levels at five locations.
- Acrolein concentrations were greater than its screening level at six locations.
- PCE concentrations were greater than screening levels at 9 and 12 locations, respectively.

Any of these chemicals detected at concentrations greater than ASG RSLs could be present because of poor waste disposal practices throughout the region. Irrigation well data (**Table 1-1**) indicate that PCE is the only one of these VOCs that could directly correspond to groundwater contamination. However, because groundwater is in contact with soil gas at its interface, VOCs detected in soil gas may have volatilized from groundwater even if they were not present at detectable concentrations at the time of sampling. Scientific literature documents the presence of multiple VOCs in emissions associated with volcanic activity (Schwandner et al., 2004, Tassi et al., 2008); therefore, detection of benzene, ethylbenzene, acrolein, chlorinated hydrocarbons, and other compounds may be partially attributable to regional volcanic activity.

The chemicals detected in ASG samples are also the same chemicals that are routinely present in regional ambient air samples (Tetra Tech, 2009a). Benzene, ethylbenzene and acrolein are diesel exhaust contaminants and PCE is a dry cleaning emission. Consequently, these compounds are ubiquitous in urban ambient air.

TABLE 2-1
CAPODICHINO ASG SAMPLE RESULTS EXCEEDING RESIDENTIAL AIR RSLs
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Sample Location[1]	Sample No. Date (Round)	Analytical Parameter	Concentration (µg/m^3)	ASG RSL (10 X Residential Air RSL)
BEQ1 (south) 443	CA50SG001 12-04-08 (1)	1,1,2,2-Tetrachloroethane	0.56	0.42
		1,2-Dichloropropane	7.8	2.4
		Dichlorodifluoromethane	10700	2100
		Tetrachloroethene	**435**	**4.1**
BEQ 1 (south) 443-resample	CA50SG002 02-20-09 (2)	Acrolein	1.32	0.21
		Dichlorodifluoromethane	9520	2100
		Tetrachloroethene	**279**	**4.1**
Fire/Security 403	CA52SG001 03-04-09 (2)	Benzene	13.2	3.1
		Ethylbenzene	62.2	9.7
		Tetrachloroethene	**58**	**4.1**
BEQ1 (North) 443	CA53SG001 03-04-09 (2)	Tetrachloroethene	12.4	4.1
Marine GP 447	CA54SG001 03-04-09 (2)	Ethylbenzene	16.9	9.7
		Tetrachloroethene	11.3	4.1
CDC (West) 458	CA55SG001 03-04-09 (2)	**Tetrachloroethene**	**2450**	**4.1**
CDC 458 Duplicate	CA55SG001-D 03-04-09 (2)	**Tetrachloroethene**	**1810**	**4.1**
Water Treatment Plant 459	CA56SG001 03-05-09 (2)	**Benzene**	**6.5**	**3.1**
		Tetrachloroethene	**1620**	**4.1**
		Trichloroethene	54	12
Water Treatment Plant 459-Resample	CA56SG002 06-30-09 (4)	**Chloroform**	**3.0**	**1.1**
		Hexachlorobutadiene	2.2	1.1
		Tetrachloroethene	**716**	**4.1**
		Trichloroethene	39	12
Water Treatment Plant 459-Resample Duplicate	CA56SG002 06-30-09 (4)	Acrolein	0.6 J	0.21
		Chloroform	3.0	1.1
		Hexachlorobutadiene	2.4	1.1
		Tetrachloroethene	**752**	**4.1**
		Trichloroethene	40	12
Air Operations 415	CA57SG001 03-27-09 (3)	1,2-Dichloropropane	5.5	2.4
		Acrolein	**5.92**	**0.21**
		Benzene	16.4	3.1
		Ethylbenzene	84.3	9.7
		Hexachlorobutadiene	2.6	1.1
		Tetrachloroethene	9.9	4.1
BEQ 3 449	CA58SG001 03-27-09 (3)	Hexachlorobutadiene	2.3	1.1
		Tetrachloroethene	**72.4**	**4.1**
Admin 1 442	CA59SG001 03-30-09 (3)	Tetrachloroethene	5.8	4.1
Admin 2 442A	CA60SG0010 3-27-09 (3)	Acrolein	0.76 J	0.21
		Hexachlorobutadiene	1.1	1.1
Capo Inn 453	CA61SG001 03-30-09 (3)	Acrolein	1.52	0.21
		Hexachlorobutadiene	1.2	1.1
CDC (East) 458	CA62SG001[2] 04-04-09 (3)	**Tetrachloroethene**	**157**	**4.1**
CDC (East) Duplicate	CA62SG001-D[2] 04-04-09 (3)	**Tetrachloroethene**	**191**	**4.1**
Clinic Room 159.1 457	CA64SG001 06-27-09 (4)	**Acrolein**	**2.2**	**0.21**
		Benzene	7.0	3.1
		Ethylbenzene	10	9.7
		Tetrachloroethene	29	4.1

TABLE 2-1 (Continued)
CAPODICHINO ASG SAMPLE RESULTS EXCEEDING RESIDENTIAL AIR RSLS
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Sample Location[1]	Sample No. Date (Round)	Analytical Parameter	Concentration (µg/m^3)	ASG RSL (10 X Residential Air RSL)
Clinic Room 159.1 457 Duplicate	CA64SG001-D 06-27-09 (4)	**Acrolein**	**2.9**	**0.21**
		Benzene	6.2	3.1
		Tetrachloroethene	27	4.1
East Gate Pass and ID	CA65SG001 06-28-09 (4)	Benzene	5.2	3.1
		Dichlorodifluoromethane	**37700**	**2100**
		Ethylbenzene	42	9.7
		Tetrachloroethene	5.8	4.1
East Gate Pass and ID Duplicate	CA65SG001 06-28-09 (4)	Benzene	4.5	3.1
		Dichlorodifluoromethane	**33500**	**2100**
		Ethylbenzene	37	9.7
		Tetrachloroethene	5.2	4.1

1 The sample at BEQ2 (Building 446) had no RSL exceedances and is not shown.
2 Samples CA62SG001 and CA62SG001-D analyzed for PCE and naphthalene only.
J Estimated value.
Bold values indicate that concentration is greater than 10 times the ASG RSL.

TABLE 2-2
SUPPORT SITE ASG SAMPLE RESULTS EXCEEDING RESIDENTIAL AIR RSLs
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Sample Location	Sample No. Date (Round)	Analytical Parameter	Concentration (µg/m3)	ASG RSL (10 X Residential Air RSL)
Residence 2052	SU50SG001 12-05-08 (1)	1,1,2,2-Tetrachloroethane	0.51	0.42
		Acrolein	1.65	0.21
		Benzene	4.1	3.1
		Hexachlorobutadiene	1.5	1.1
		Tetrachloroethene	8.6	4.1
Residence 2056	SU51SG001 12-05-08 (1)	1,2-Dichloropropane	5.0	2.4
		Acrolein	1.72	0.21
		Tetrachloroethene	8.0	4.1
Central Forum 2072A	SU52SG001 12-06-08 (1)	**1,2,4-Trimethylbenzene**	**1820 J**	**73**
		1,3,5-Trimethylbenzene	566 J	63
		Benzene	**1910 J**	**3.1**
		Carbon Tetrachloride	**254 J**	**1.6**
		Chloroform	**112 J**	**1.1**
		Ethylbenzene	**2260 J**	**9.7**
		Methylene Chloride	**2340 J**	**52**
		Tetrachloroethene	**2240 J**	**4.1**
		Trichloroethene	**6600 J**	**12**
Central Forum 2072A Resample	SU52SG002 02-21-09 (2)	Benzene	3.9	3.1
		Chloroform	3.9	1.1
Central Forum 2072A Resample-Duplicate	SU52SG002-D 02-21-09 (2)	Benzene	3.8	3.1
		Chloroform	3.9	1.1
Central Forum 2072A (Deep)	SU52SG003 02-21-09 (2)	Tetrachloroethene	4.5	4.1
CDC 2065	SU53SG001 03-13-09 (3)	Acrylonitrile	0.57	0.36
		Benzene	**67.8**	**3.1**
		Chloroform	1.2	1.1
		Ethylbenzene	12.4	9.7
		Acrolein	1.81	0.21
		Tetrachloroethene	4.6	4.1
		Benzene	3.5	3.1
		Acrolein	1.21	0.21
		Acrolein	1	0.21
		Benzene	4.7	3.1

J Estimated value.
Bold values indicate that concentration is greater than 10 times the ASG RSL.

TABLE 2-2 (Continued)
SUPPORT SITE ASG SAMPLE RESULTS EXCEEDING RESIDENTIAL AIR RSLs
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

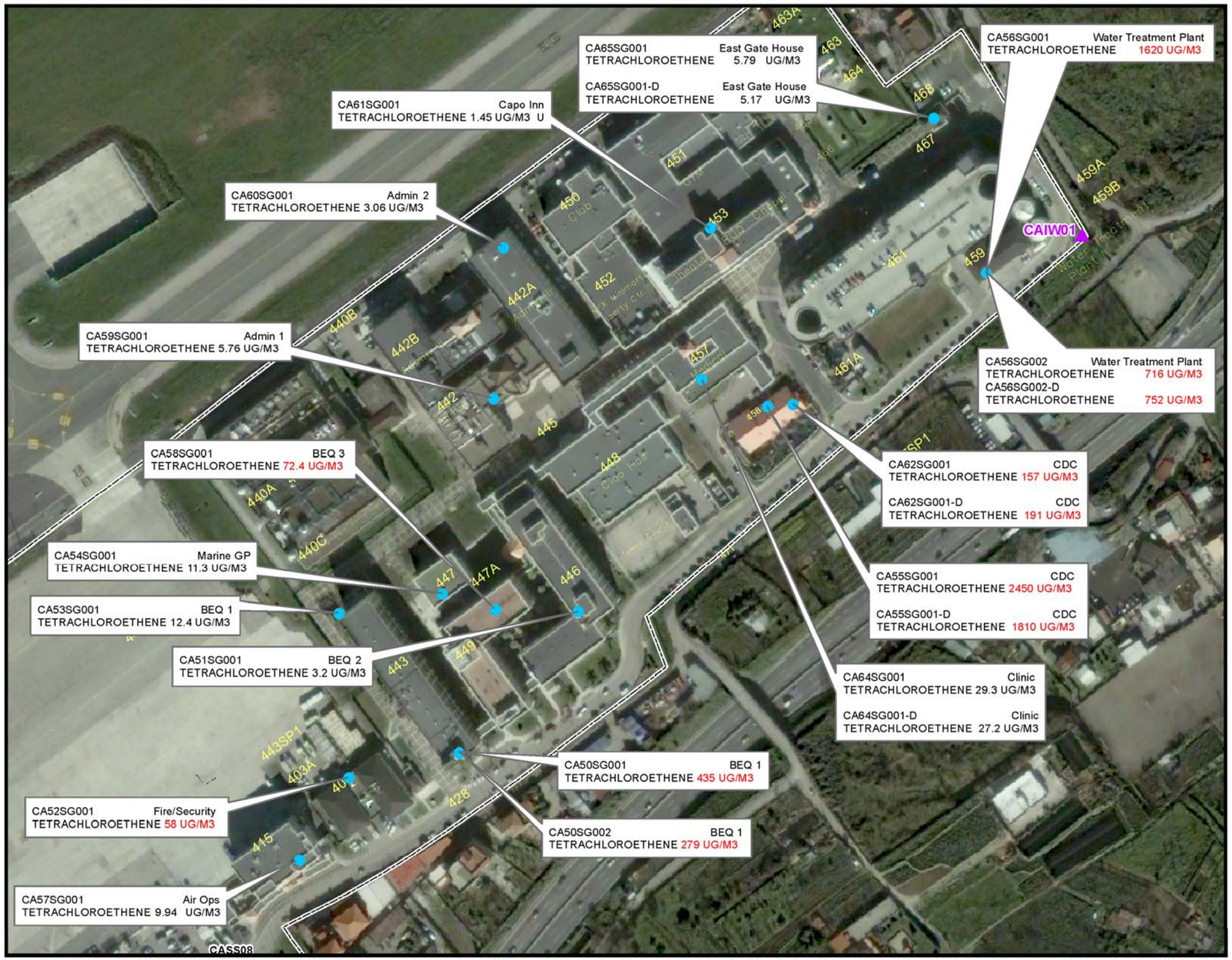
Sample Location	Sample No.	Analytical Parameter	Concentration (µg/m3)	ASG RSL (10 X Residential Air RSL)
Residence Villa Capri	SU60SG001 04-03-09 (3)	Acrolein	1.35	0.21
		Acrylonitrile	0.54	0.36
		Benzene	7.4	3.1
Residence Villa Ponza	SU61SG001 04-14-09 (3)	**Acrolein**	**3.94**	**0.21**
		Benzene	4.4	3.1
		Chloroform	1.4	1.1
Residence 2130	SU62SG001 04-03-09 (3)	Ethylbenzene	11.4	9.7
High School (East) 2058 Weight Room	SU63SG001 04-06-09 (3)	Benzene	4.3	3.1
		Ethylbenzene	66.9	9.7
		Tetrachloroethene	**1120**	**4.1**
High School (East) 2058 Weight Room Resample	SU63SG002 06-18-09 (4)	**1,2-Dibromo-3-Chloropropane**	**0.4**	**0.0016**
		Acrolein	0.7 J	0.21
		Ethylbenzene	31	9.7
		Hexachlorobutadiene	2.4	1.1
		Tetrachloroethene	**263**	**4.1**
High School (East) 2058 Weight Room Resample Duplicate	SU63SG002-D 06-18-09 (4)	1,2-Dibromoethane	0.2 J	0.041
		Acrolein	1.2	0.21
		Ethylbenzene	32	9.7
		Hexachlorobutadiene	2.5	1.1
		Tetrachloroethene	**275**	**4.1**
High School (West) 2058	SU64SG001 04-06-09 (3)	Benzene	3.1	3.1
Elementary School (South) 2057	SU65SG001 04-04-09 (3)	Benzene	4.7	3.1
		Tetrachloroethene	8.9	4.1
Residence 2157	SU66SG001 04-03-09 (3)	Acrolein	2.41	0.21
		Ethylbenzene	19.5	9.7
High School (East) 2058 Office (Room 115)	SU67SG001 06-17-09 (4)	Acrolein	0.9	0.21
		Benzene	3.5	3.1
		Hexachlorobutadiene	2.2	1.1
		Tetrachloroethene	**52**	**4.1**

J Estimated value.
Bold values indicate that concentration is greater than ten times the ASG RSL.

TABLE 2-2 (Continued)
SUPPORT SITE ASG SAMPLE RESULTS EXCEEDING RESIDENTIAL AIR RSLs
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Sample Location	Sample No.	Analytical Parameter	Concentration (µg/m3)	ASG RSL (10 X Residential Air RSL)
High School (East) 2058 Library (Room 122)	SU68SG001 06-18-09 (4)	Acrolein	0.9	0.21
		Benzene	6.2	3.1
		Ethylbenzene	11	9.7
		Hexachlorobutadiene	2.5	1.1
		Tetrachloroethene	17	4.1

J Estimated value.
Bold values indicate that concentration is greater than ten times the ASG RSL.



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Figure 2-1
Capodichino
PCE Detected in
Active Soil Gas Results
Naples Public Health Evaluation
Naples, Italy

Results in red are > 10 times the ASG RSL

Legend
- Active Soil Gas Results
- Irrigation Well Sample Location
- Installation Area

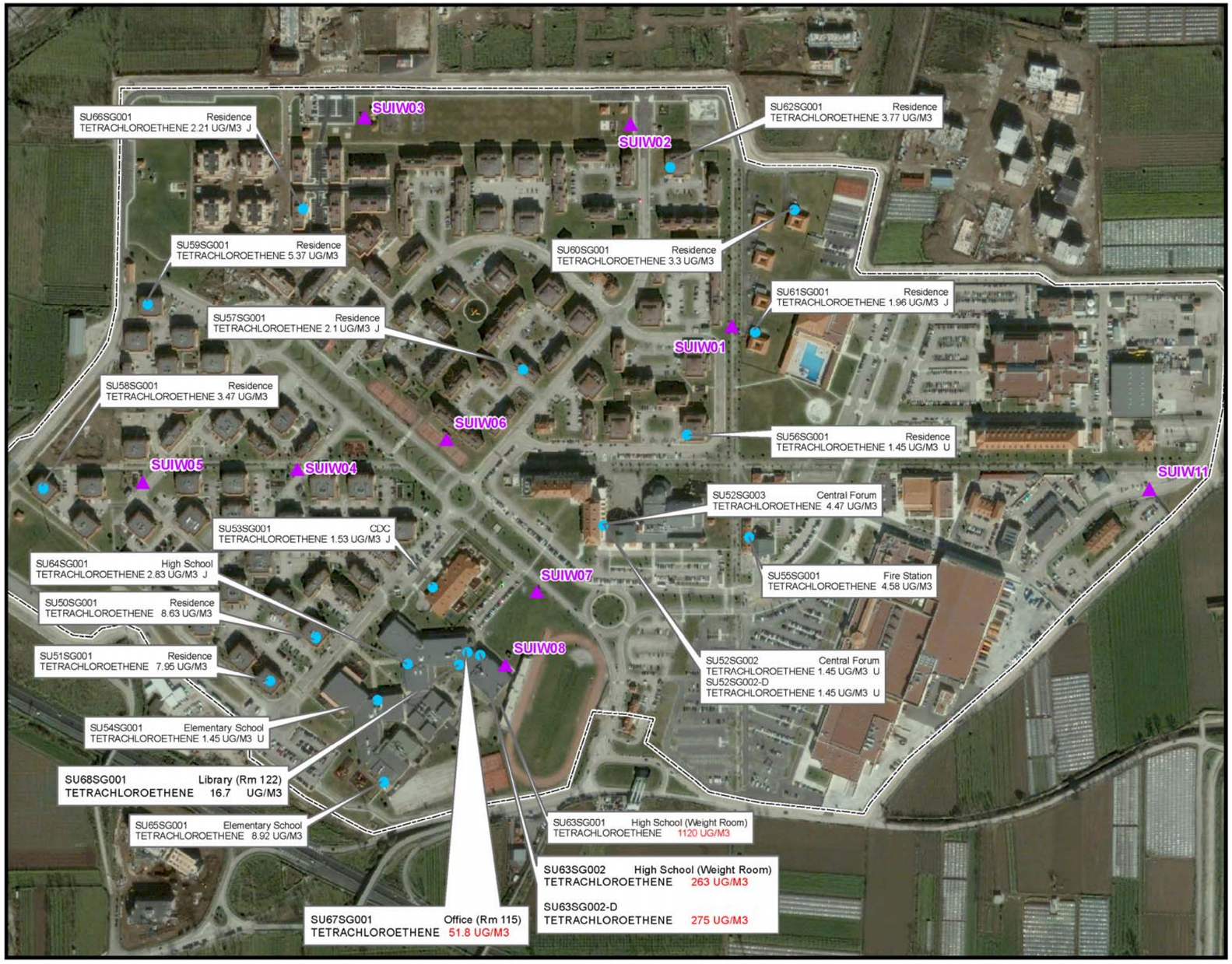
"For internal Navy use only"

N

0 12.5 25 50 75 100 Meters

Drawn By: LR 11/03/09
Checked By: RK
Approved By: RK

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II CAPO ASG PCE 11 03 09.mxd)
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Figure 2-2
Support Site
PCE Detected in
Active Soil Gas Results
Naples Public Health Evaluation
Naples, Italy

Legend
- Active Soil Gas Results
- Irrigation Well Sample Location
- Installation Area

Results in red are > 10 times the ASG RSL

"For internal Navy use only"

N

0 37.5 75 150 225 300
Meters

Drawn By: LR 11/03/09
Checked By: RK
Approved By: RK

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE II\PHASE II\PH_II Support Site ASG 11 03 09.mxd)
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Naphthalene and acetaldehyde are also present in ASG at concentrations greater than ASB RSLs. Although naphthalene and acetaldehyde concentrations exceeded ASG RSLs, a review of EPA Method TO-15, the analytical method used to analyze these constituents in soil gas, suggests that the method overestimates the concentrations relative to the preferred analytical methods for these compounds (TO-13A for naphthalene and TO-11A for acetaldehyde). Analysis for naphthalene and acetaldehyde using EPA Method TO-15 generates uncertain results; therefore, use of naphthalene and acetaldehyde ASG results for risk assessment and risk management decision is inappropriate (Tetra Tech, 2009b).

2.2.2 Support Site ASG Results Summary

Tetra Tech collected 24 ASG samples at 19 locations including duplicates and resamples during the four sampling rounds. Concentrations of the following four VOCs were greater than screening levels in samples from at least five locations:

- Ethylbenzene concentrations were greater than its screening level at seven locations.
- PCE concentrations were greater than its screening level at nine locations.
- Acrolein concentrations were greater than its screening level at 12 locations.
- Benzene concentrations were greater than its screening level at 13 locations.

As with the data collected at Capodichino, any of these chemicals detected at concentrations greater than ASG RSLs at the Support Site could be present because of poor waste disposal practices throughout the region. Irrigation well data (**Table 1-2**) from the Support Site also indicate that PCE is the only one of these VOCs that could directly correspond to groundwater contamination. The other contaminants could correspond to regional volcanic activity, ambient air, or be remnants of other historical disposal activities. There is no way to discern what portion of the ASG concentrations comes from any of these sources.

Table 2-2 presents a detailed summary of Support Site sampling results that exceeded ASG RSLs during this investigation. The complete data set is in **Appendix B**. As noted for the Capodichino data, the naphthalene and acetaldehyde results are inappropriate for use in risk assessment and risk management decisions because the laboratory analyzed the ASG samples using EPA Method TO-15.

2.3 RISK EVALUATION

This evaluation expresses risks in terms of cancer exceedance factors (CEFs) and non-cancer exceedance factors (NCEFs), consistent with the approach used in the Public Health Evaluation for Naval Support Activity (NSA) Naples. CEFs and NCEFs are ratios of contaminant concentrations to RSLs for carcinogenic and non-carcinogenic effects, respectively. The USEPA RSLs for residential and industrial inhalation exposures serve as the risk-based screening levels. This evaluation utilizes a factor of 10 applied to these RSLs to account for attenuation from soil gas to indoor air.

The RSL for a carcinogen corresponds to an incremental lifetime cancer risk of 1 in one million (1×10^{-6}); therefore, a CEF of 1 is equal to a risk of 1×10^{-6}. The RSL for a noncarcinogen corresponds to a hazard quotient of 1; therefore an NCEF is equivalent to a hazard index.

Tetra Tech calculated residential and industrial risks associated with all samples collected at Capodichino and the Support Site. For government site commercial buildings, industrial RSLs, which correspond to an exposure duration of 25 years, are more applicable. Because many workers may work at these buildings for a period of only 6 years (reflecting common duty assignment durations for the United States Navy at NSA Naples), this evaluation adjusted the industrial risks to account for this exposure duration by dividing the default industrial cancer risks by a factor of 4.17 (25 years ÷ 6 years = 4.17). For government site residential buildings, this analysis adjusted residential RSLs to account for a 6-year exposure duration rather than a 30-year duration (by dividing default residential cancer risks by a factor of five). Changes in exposure duration do not affect NCEFs for industrial and residential exposures.

This study calculated residential CEFs for each ASG sample by summing the individual CEFs and NCEFs for all detected chemicals and for chlorinated hydrocarbons, based on residential RSLs adjusted for a 10--fold attenuation between the sub-slab and indoor air. The CEFs account for 30-year and 6-year residential exposures. **Tables 2-3** and **2-4** present the residential CEFs and NCEFs for Capodichino and Support Site, respectively, and **Figures 2-3** and **2-4** illustrate risks associated with exposure to chlorinated hydrocarbons for samples collected from Capodichino and Support Site, respectively.

Industrial CEFs and NCEFs for each ASG sample are the sums of individual CEFs and NCEFs for detected chemicals and for chlorinated hydrocarbons based on industrial RSLs adjusted for a 10-fold attenuation between the sub-slab and indoor air. The CEFs account for 25-year and 6-year industrial exposures. **Tables 2-5** and **2-6** present the industrial CEFs and NCEFs for Capodichino and the Support Site, respectively, and **Figures 2-5** and **2-6** illustrate industrial risks associated with exposure to chlorinated hydrocarbons for samples collected from Capodichino and the Support Site, respectively.

At Capodichino, based on the results of this investigation, PCE is clearly the primary risk driver in all but three of the ASG samples. Naphthalene is the primary risk driver in the samples collected from locations CA53 (BEQ1 North), CA57 (Air Operations), and CA61 (Capo Inn). However, a method comparability study indicated that analysis of naphthalene by EPA Method TO-15 is inappropriate. Therefore, Tetra Tech determined that the naphthalene results are inappropriate for risk assessment and risk management decisions (Tetra Tech, 2009b).

TABLE 2-3

RESIDENTIAL RISKS FOR CAPODICHINO ACTIVE SOIL GAS SAMPLES
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Sample	Risks from All Detected Chemicals			Risks from Chlorinated Hydrocarbons[1]			PCE Concentration (µg/m^3)	Sample Location
	CEFs		NCEF	CEFs		NCEF		
	30-Yr ED	6-Yr ED		30-Yr ED	6-Yr ED			
CA50SG001	113	23	6	108	22	0.2	435	BEQ 1 – 443
CA50SG002	79	16	11	68	13	0.1	279	BEQ 1 – 443
CA51SG001	3.3	0.7	0.1	0.8	0.2	0.001	3.2	BEQ 2 – 446
CA52SG001	25	5	0.2	14	2.8	0.02	58	Fire/Security – 403
CA53SG001	79	16	1.8	3	0.6	0.004	12.4	BEQ 1 – 443
CA54SG001	6.8	1.4	0.2	2.8	0.6	0.004	11.3	Marine GP – 447
CA55SG001	645	129	2.2	598	120	0.9	2450	CDC – 458
CA55SG001-D	490	98	1.8	442	88	0.6	1810	CDC – 458
CA56SG001	457	91	2.1	399	80	0.6	1620	Water Treatment – 459
CA56SG002	187	37	0.6	178	36	0.3	716	Water Treatment – 459
CA56SG002-D	196	39	3.4	187	37	0.3	752	Water Treatment -- 459
CA57SG001	43	8.5	30	2.6	0.5	0.004	9.94	Air Ops – 415
CA58SG001	25	5	0.4	18	3.5	0.03	72.4	BEQ 3 – 449
CA59SG001	2.9	0.6	0.2	1.4	0.3	0.002	5.76	Admin 1 – 442
CA60SG001	2.9	0.6	3.7	0.7	0.1	0.001	3.06	Admin 2 - 442A
CA61SG001	5.1	1	7.5	0	0	0	1.45 U	Capo Inn – 453
CA62SG001	48	9.6	0.3	38	7.7	0.06	157	CDC – 458
CA62SG001-D	56	11.2	0.3	47	9.3	0.07	191	CDC – 458
CA64SG001	15	3	11	7.7	1.5	0.01	29.3	Clinic – 457
CA64SG001-D	14	2.8	14	7.1	1.4	0.01	27.2	Clinic – 457
CA65SG001	9.4	1.9	18	1.5	0.3	0.002	5.8	East Gate – 468
CA65SG001-D	8	1.6	16	1.3	0.3	0.002	5.2	East Gate – 468

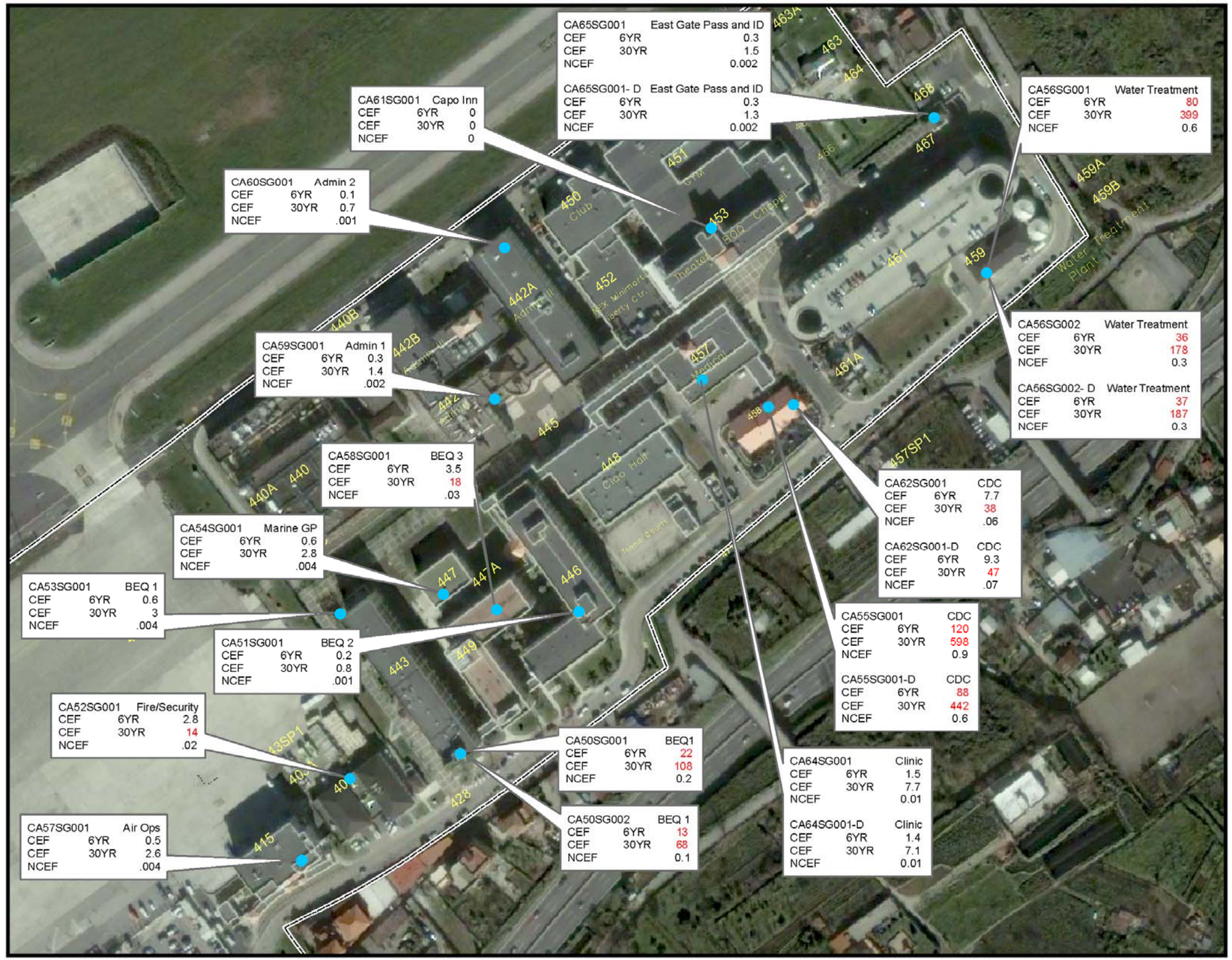
1 Detected chlorinated hydrocarbons include 1,1,1-trichloroethane, 1,1,2,2-tetrachloroethane, 1,1-dichloroethene, tetrachloroethene, and trichloroethene.
30-Yr ED – Exposure duration of 30 years.
6-Yr ED – Exposure duration of 6 years.
U – Not detected at associated detection limit.

TABLE 2-4

RESIDENTIAL RISKS FOR SUPPORT SITE ACTIVE SOIL GAS SAMPLES
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Sample	Risks from all Detected Chemicals			Risks from Chlorinated Hydrocarbons[1]			PCE Concentration ($\mu g/m^3$)	Sample Location
	CEF			CEF				
	30-Yr ED	6-Yr ED	NCEF	30 Yr ED	6-Yr ED	NCEF		
SU50SG001	16	3.1	9.2	3.3	0.7	0.003	8.63	Residence - 2052
SU51SG001	5.5	1.1	8.4	2	0.4	0.003	7.95	Residence - 2056
SU52SG001	2250	450	43	1096	219	0.8	2240	Central Forum - 2072A
SU52SG002	29	5.8	0.7	0.008	0.002	0	1.45 U	Central Forum - 2072A
SU52SG002-D	30	6	0.8	0	0	0	1.45 U	Central Forum - 2072A
SU52SG003	16	3.2	0.5	1.1	0.2	0.002	4.47	Central Forum - 2072A
SU53SG001	200	40	4.6	0.4	0.07	0.0005	1.53	CDC - 2065
SU54SG001	19	3.8	0.7	0	0	0	1.45 U	Elementary School (North) - 2057
SU55SG001	5	1	9.1	1.1	0.2	0.002	4.58	Fire Station - 2071
SU56SG001	39	7.7	0.9	0	0	0	1.45 U	Residence - 2146
SU57SG001	10	2.1	6.5	0.5	0.1	0.0008	2.1	Residence - 2106
SU58SG001	10	2.1	5.3	0.8	0.2	0.001	3.47	Residence - 2024
SU59SG001	15	3	14	1.3	0.3	0.002	5.37	Residence - 2012
SU60SG001	26	5.1	7.8	0.8	0.2	0.001	3.3	Residence Villa Capri
SU61SG001	18	3.5	19.8	0.5	0.1	0.0007	1.96	Residence Villa Ponza
SU62SG001	7.3	1.5	0.4	0.9	0.2	0.001	3.77	Residence - 2130
SU63SG001	455	91	5.5	273	55	0.4	1120	High School (East) - 2058
SU63SG002	308	62	4.4	64	13	0.09	0.98	High School (East) Weight Room - 2058
SU63SG002-D	85	17	6.7	37	13	0.1	1.06	High School (East) Weight Room - 2058
SU64SG001	19	3.7	0.9	0.7	0.1	0.001	2.83	High School (West) - 2058
SU65SG001	11	2.1	0.4	2.2	0.4	0.003	8.92	Elementary School (South) - 2057
SU66SG001	12	2.4	12	0.5	0.1	0.0008	2.21	Residence - 2157
SU67SG001	22	4.4	4.7	13	2.5	0.02	1.54	High School (East) Office
SU68SG001	16	3.2	5	5.1	1.0	0.006	1.24	High School (East) Library

1 Detected chlorinated hydrocarbons include 1,1,1-trichloroethane, 1,1,2,2-tetrachloroethane, 1,1-dichloroethene, tetrachloroethene, and trichloroethene.
30-Yr ED – Exposure duration of 30 years.
6-Yr ED – Exposure duration of 6 years.
U – Not detected at associated detection limit.



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Figure 2-3
Capodichino
Residential CEFs and NCEFs
for Chlorinated Hydrocarbons
in ASG Samples
Naples Public Health Evaluation
Naples, Italy

Results in Red are CEF>10

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II CAPO ASG Residential Risks 8 19 09.mxd) 8/19/2009



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Figure 2-4
Support Site
Residential CEFs and NCEFs for
Chlorinated Hydrocarbons
in ASG Samples
Naples Public Health Evaluation
Naples, Italy

Results in Red are CEF>10

Legend
- Active Soil Gas Results
- Installation Area

"For internal Navy use only"

N

0 25 50 100 150 200 Meters

Drawn By: MP 08/19/09
Checked By:
Approved By:

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II Support Site ASG Residential Risks 08 19 09.mxd) 8/19/2009

TABLE 2-5
INDUSTRIAL RISKS FOR CAPODICHINO ACTIVE SOIL GAS SAMPLES
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

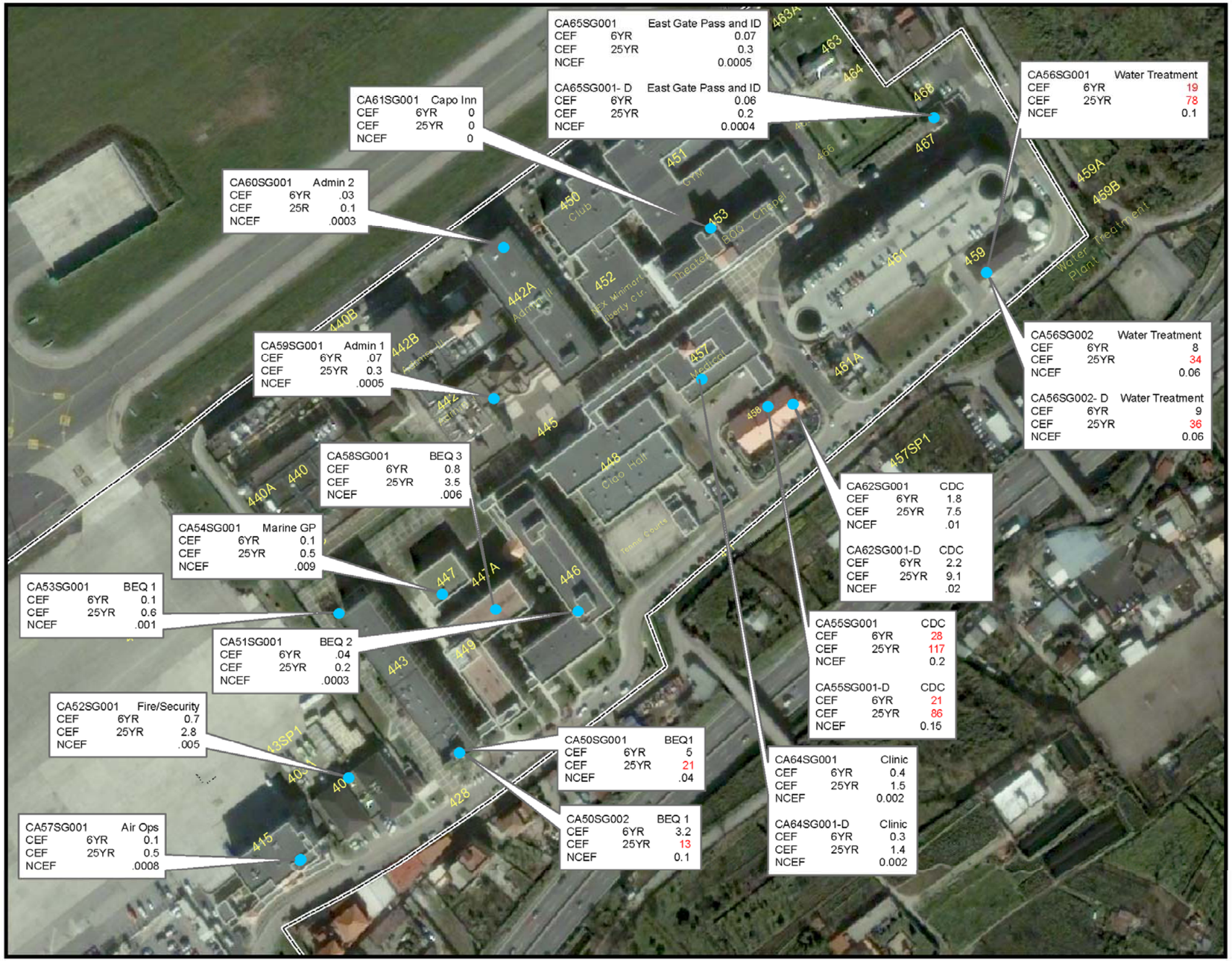
Sample	Risks from all Detected Chemicals			Risks from Chlorinated Hydrocarbons[1]			PCE Concentration ($\mu g/m^3$)	Sample Location
	CEF		NCEF	CEF		NCEF		
	25-Yr ED	6-Yr ED		25-Yr ED	6-Yr ED			
CA50SG001	22	5.2	1.4	21	5	0.04	435	BEQ 1 - 443
CA50SG002	15.4	3.7	2.7	13	3.2	0.02	279	BEQ 1 - 443
CA51SG001	0.6	0.2	0.03	0.2	0.04	0.0003	3.2	BEQ 2 - 446
CA52SG001	4.9	1.2	0.05	2.8	0.7	0.005	58	Fire/Security - 403
CA53SG001	15.8	3.8	0.4	0.6	0.1	0.001	12.4	BEQ 1 - 443
CA54SG001	1.3	0.3	0.05	0.5	0.1	0.009	11.3	Marine GP - 447
CA55SG001	126	30	0.5	117	28	0.2	2450	CDC - 458
CA55SG001-D	96	23	0.4	86	21	0.15	1810	CDC - 458
CA56SG001	89	21	0.5	78	19	0.1	1620	Water Treatment - 459
CA56SG002	37	8.8	0.6	34	8.3	0.06	716	Water Treatment - 459
CA56SG002-D	38	9.2	0.8	36	8.8	0.06	752	Water Treatment - 459
CA57SG001	8.4	2	7.2	0.5	0.1	0.0008	9.94	Air Ops - 415
CA58SG001	4.9	1.2	0.1	3.5	0.8	0.006	72.4	BEQ 3 - 449
CA59SG001	0.6	0.1	0.04	0.3	0.07	0.0005	5.76	Admin 1 - 442
CA60SG001	0.6	0.1	0.9	0.1	0.03	0.0003	3.06	Admin 2 - 442A
CA61SG001	1	0.2	1.8	0	0	0	1.45 U	Capo Inn - 453
CA62SG001	9.5	2.3	0.07	7.5	1.8	0.01	157	CDC - 458
CA62SG001-D	11	2.6	0.07	9.1	2.2	0.02	191	CDC - 458
CA64SG001	3.6	0.9	2.7	1.5	0.4	0.002	29.3	Clinic – 457
CA64SG001-D	3.2	0.8	3.4	1.4	0.3	0.002	27.2	Clinic – 457
CA65SG001	2.2	0.5	4.8	0.3	0.07	0.0005	5.8	East Gate – 468
CA65SG001-D	2.0	0.5	4.3	0.2	0.06	0.0004	5.2	East Gate – 468

1 Detected chlorinated hydrocarbons include 1,1,1-trichloroethane, 1,1,2,2-tetrachloroethane, 1,1-dichloroethene, tetrachloroethene, and trichloroethene.
25-Yr ED – Exposure duration of 25 years.
6-Yr ED – Exposure duration of 6 years.
U – Not detected at associated detection limit.

TABLE 2-6
INDUSTRIAL RISKS FOR SUPPORT SITE ACTIVE SOIL GAS SAMPLES
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Sample	Risks from all Detected Chemicals			Risks from Chlorinated Hydrocarbons[1]			PCE Concentration ($\mu g/m^3$)	Sample Location
	CEF		NCEF	CEF		NCEF		
	25-Yr ED	6-Yr ED		25-Yr ED	6-Yr ED			
SU50SG001	3.1	0.7	2.2	0.7	0.2	0.0007	8.63	Residence - 2052
SU51SG001	1.1	0.3	2	0.4	0.09	0.0007	7.95	Residence - 2056
SU52SG001	447	106	11	214	52	0.2	2240	Central Forum - 2072A
SU52SG002	5.8	1.4	0.2	0.002	0.0004	0	1.45 U	Central Forum - 2072A
SU52SG002-D	6	1.4	0.2	0	0	0	1.45 U	Central Forum - 2072A
SU52SG003	3.2	0.8	0.1	0.21	0.05	0.0004	4.47	Central Forum - 2072A
SU53SG001	40	9.7	1.1	0.07	0.02	0.0001	1.53	CDC - 2065
SU54SG001	3.8	0.9	0.2	0	0	0	1.45 U	Elementary School (North) - 2057
SU55SG001	1	0.2	2.2	0.2	0.05	0.0004	4.58	Fire Station - 2071
SU56SG001	7.7	1.9	0.2	0	0	0	1.45 U	Residence - 2146
SU57SG001	2	0.5	1.6	0.1	0.02	0.0002	2.1	Residence - 2106
SU58SG001	2.1	0.5	1.6	0.17	0.04	0.0003	3.47	Residence - 2024
SU59SG001	3	0.7	3.4	0.3	0.06	0.0004	5.37	Residence - 2012
SU60SG001	5	1.2	1.9	0.2	0.04	0.0003	3.3	Residence Villa Capri
SU61SG001	3.5	0.8	4.7	0.09	0.02	0.0002	1.96	Residence Villa Ponza
SU62SG001	1.4	0.3	0.09	0.2	0.04	0.0003	3.77	Residence - 2130
SU63SG001	89	22	1.3	53	13	0.09	1120	High School (East) - 2058
SU63SG002	15	3.6	1.0	13	3.0	0.02	263	High School (East) – 2058 Weight Room
SU63SG002-D	16	3.9	1.6	13	3.1	0.02	275	High School (East) – 2058 Weight Room
SU64SG001	3.7	0.9	0.2	0.1	0.03	0.0002	2.83	High School (West) - 2058
SU65SG001	2.1	0.5	0.1	0.4	0.1	0.0007	8.92	Elementary School (South) - 2057
SU66SG001	2.4	0.6	2.9	0.1	0.03	0.0002	2.21	Residence - 2157
SU67SG001	4.5	1.1	1.1	2.5	0.6	0.004	51.8	High School (East) – 2058 Office Room 115
SU68SG001	3.2	0.8	1.2	1.0	0.2	0.002	16.7	High School (East) – 2058 Library Room 122

1 Detected chlorinated hydrocarbons include 1,1,1-trichloroethane, 1,1,2,2-tetrachloroethane, 1,1-dichloroethene, tetrachloroethene, and trichloroethene.
25-Yr ED – Exposure duration of 25 years.
6-Yr ED – Exposure duration of 6 years.
U – Not detected at associated detection limit.



NAVFAC

TETRA TECH

Figure 2-5
Capodichino
Industrial CEFs and NCEFs
for Chlorinated Hydrocarbons
in ASG Samples
Naples Public Health Evaluation
Naples, Italy

Results in Red are CEF>10

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II CAPO ASG Industrial Risks 8 19 09.mxd) 8/19/2009



NAVFAC

TETRA TECH

Figure 2-6
Support Site
Industrial CEFs and NCEFs for Chlorinated Hydrocarbons in ASG Samples
Naples Public Health Evaluation
Naples, Italy

Results in Red are CEF>10

Legend
- sg_summary_08182009
- Installation Area

"For internal Navy use only"

N

0 25 50 100 150 200 Meters

Drawn By: MP 08/19/09
Checked By:
Approved By:

Contract Number: 112G01349
CTO 0131

Map Document: (K:\GProject\Naples\ArcMap\PHASE I\PHASE II\PH_II Support Site ASG Industrial Risks 08 19 09.mxd) 8/19/2009

At the Support Site, PCE is the primary risk driver at seven of the ASG sample locations. Sample results showed that PCE was present in soil gas at significant concentrations in the initial sample collected at location SU52; however, the duplicate samples collected from the sub-slab at location SU52 (Central Forum) did not contain PCE, and the sample collected at 6 feet below ground surface contained PCE at a concentration approximately equal to its ASG RSL. The initial results are anomalous, and subsequent results more accurately reflect PCE concentrations at this location. PCE is also the primary risk driver at location SU63 (High School Weight Room) and in subsequent samples collected in the same building in adjacent rooms (SU67—Office Room 115 and SU68—Library Room 122). PCE is the primary risk driver at locations SU50 (Residence 2052), SU51 (Residence 2056), and SU 55 (Fire Station 2071); however, the risk levels are not significant.

2.4 TRIGGER LEVELS FOR INDOOR AIR SAMPLING

Tetra Tech calculated CEFs and NCEFs associated with risks for all constituents and for chlorinated hydrocarbons only. A CEF greater than 10 or an NCEF greater than 1.0 based on industrial exposure for risks associated with chlorinated hydrocarbons indicates the need for further action. The following buildings had CEFs exceeding 10 or NCEFs exceeding 1 for either a 30-year residential or 25-year industrial exposure to chlorinated hydrocarbons:

- Capodichino: BEQ1, Fire/Security, CDC, WTP, and BEQ3.
- Support Site: High School.

Questions to consider, in conjunction with these exceedances, to determine the need for further study include the following:

- What are the potential risks associated with building use (i.e., Capodichino BEQ1 has a closure date of 2010)?

- Are the chemicals causing exceedances of trigger levels (e.g., acrolein and possibly benzene and ethylbenzene at multiple Support Site buildings) present in ambient air, associated with improper disposal or combustion of waste, or typically associated with regional volcanic activity (Schwandner, et al., 2004)?

- Are the levels of constituents in ASG samples so low that contribution to indoor air compared to ambient air levels would be difficult to differentiate and quantify (e.g., acrolein, hexachlorobutadiene, and chloroform)?

CEFs or NCEFs exceeding target risk criteria in conjunction with the factors listed above triggered indoor air sampling accompanied by ambient air sampling. The elevated PCE concentrations in soil gas, presence of PCE in groundwater at the two installations, and sensitivity of the receptors associated with these buildings also reinforced the need for this additional investigation. Based on this analysis, Tetra Tech determined that IAQ sampling was appropriate at the Capodichino CDC and Support Site High School.

3.0 INDOOR AIR

Based on the results of the first two rounds of ASG sampling, Tetra Tech collected IAQ and outdoor (ambient) air samples at the Capodichino CDC for PCE analysis. The CDC ASG samples had the greatest PCE levels detected at the Capodichino facility, and the CDC has potentially sensitive occupants. Additionally, Tetra Tech collected a subsequent (third) round of ASG samples at the CDC. The proximity of the CDC to the Capodichino Clinic also prompted Tetra Tech to collect ASG, IAQ, and ambient air samples at that location and PCE levels in ASG samples at the WTP prompted Tetra Tech to collect ASG, IAQ, and ambient air samples there and at the nearby East Gate Pass and ID Building.

Based on the third round of ASG samples, Tetra Tech collected IAQ and additional ASG samples in an area near the weight room at the Support Site High School to determine if there is indoor air contamination as a result of VI.

3.1 SAMPLING METHODS

Tetra Tech conducted IAQ sampling at four locations where previous ASG results indicated that IAQ sampling would better characterize potential risk of VOC exposure to building occupants. The study collected IAQ samples for PCE (based on ASG trigger level exceedances) using 6-liter Summa® canisters positioned at breathing space level for a 12-hour collection period. Sampling procedures are in the approved SOP included as **Appendix C**. Laboratory analysis utilized USEPA Method TO-15A. Tetra Tech collected duplicate samples at both sampling locations. Concurrent with IAQ sampling, Tetra Tech conducted ambient air sampling adjacent to the CDC building over a 12-hour collection period.

3.2 CAPODICHINO RESULTS

After the 12-hour IAQ and ambient air sampling period at the Capodichino locations, Tetra Tech collected ASG samples from a hole drilled through the slab within 5 feet of the IAQ sample locations. Tetra Tech collected ASG samples after the completion of IAQ and ambient air sampling to prevent the creation of a preferential pathway for soil gas VOCs to contaminate indoor air while the IAQ sampling was in progress.

Tetra Tech used three sets of sampling results (two IAQ, two ambient air, and two ASG) to assess concentration gradients among the three environments (indoor, outdoor, and sub-slab). **Table 3-1** presents the three sets of sampling results for each location.

TABLE 3-1

**CAPODICHINO IAQ, AMBIENT, AND ASG SAMPLING RESULTS
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY**

Medium	Sample	Concentration (µg/m^3) PCE
RSL (Residential Air)		0.41
RSL (Residential Soil Gas)		4.1
Indoor Air	CA62IA001	4.26
	FDIA040409-02	5.52
Ambient Air	CA63IA001	1.45
	FDIA040409-03	2.07
Soil Gas	CA62SG001	157
	FDSG040409-01	191
Indoor Air	CA56IA001	1.45 U
	CA56IA001-D	1.63 J
Ambient Air	CA56AA001	1.45 U
	CA56AA001-D	2.29 J
Soil Gas	CA56SG001	716
	CA56SG001-D	752
Indoor Air	CA64IA001	1.45 U
	CA64IA001-D	1.45 U
Ambient Air	CA64AA001	1.45 U
	CA64AA001-D	1.45 U
Soil Gas	CA64SG001	29.3
	CA64SG001-D	27.2
Indoor Air	CA65IA001	6.18
	CA65IA001-D	5.96
Ambient Air	CA65AA001	1.45 U
	CA65AA001-D	1.45 U
Soil Gas	CA65SG001	5.79
	CA65SG001-D	5.17

RSL Regional Screening Level
IAQ Indoor air quality
U Nondetect at this detection limit
J Estimated value

Tables 3-2 through 3-4 provide additional analysis of the data. Tetra Tech used relevant data from a proximately located ambient air sampling station that was part of a year-long ambient air sampling investigation for the overall ETSA. The analysis averaged air sample concentrations of PCE detected over the last 6 months at Air Station #3 located at Capodichino and included them in this ASG/IAQ evaluation. Tetra Tech applied two ambient air corrections (subtracting the average ambient air concentration from the infant room IAQ average result) to isolate and evaluate the magnitude of potential VI. The first ambient air subtraction used the 6-month Station #3 average ambient value, and the second ambient correction used the localized average values from the day of IAQ and ASG sample collection.

3.3 CAPODICHINO CDC RISK EVALUATION

3.3.1 CDC

At the CDC, industrial CEFs ranged from 0.7 to 1.5 for an adult exposed to PCE after making the above corrections for ambient air, and CEFs corrected for ambient air ranged from 0.3 to 0.5 for a child (**Table 3-5**). Complete risk assessment calculations are in **Appendix D**.

Based on comparison of the ASG PCE concentration to IAQ PCE concentration (174 µg/m^3 compared to 4.9 µg/m^3 uncorrected for ambient air), it is possible that VI could cause the increased IAQ result (**Table 3-2**). The indoor air PCE concentration is 2.8 times greater than the ambient air PCE concentration concurrently collected from the playground located immediately outside the CDC building. Moreover, the presence of PCE in groundwater, based on its detection in irrigation well water, is a potential source for VI. PCE in ASG samples may result from a below-grade source based on detection at relatively consistently elevated levels in the southeastern portion of the Capodichino facility. It is also possible that some of the increased indoor air concentrations could come from potential PCE sources in the building such as solvents or garments that have been drycleaned; however, the samplers noted no indoor sources.

3.3.2 WTP

At the WTP, PCE concentrations in indoor air are equivalent to ambient air concentrations; hence, there is no discernible evidence to suggest that PCE is present due to VI (**Table 3-3**).

3.3.3 Clinic

At the Clinic, IAQ or localized ambient air samples did not contain PCE, despite the presence of PCE in ASG.

3.3.4 East Gate Pass and ID

At the East Gate, PCE concentrations in IAQ and ASG were equivalent, even when correcting the concentrations with the 6-month average (**Table 3-4**). There were no detections of PCE in localized ambient air samples. The CEFs corrected for ambient air ranged from 1.3 to 2.9 for an adult exposed to PCE (**Table 3-6**). **Appendix D** contains the complete risk assessment results.

3.4 SUPPORT SITE HIGH SCHOOL RESULTS AND RISK EVALUATION

After the 12-hour IAQ and ambient air sampling period at the Support Site High School, Tetra Tech collected ASG samples from holes drilled in the slab. Field personnel collected the IAQ sample from the weight room, the location where the ASG sampled had an elevated PCE concentration. The team collected ASG samples from the weight room, adjacent office (Room 115), and the library (located across the hall from the weight room). The results indicated no PCE in indoor air; therefore, no significant VI is likely (**Table 3-7**).

TABLE 3-2
IAQ, ASG, AND AMBIENT AIR RESULTS AT CAPODICHINO CDC
VAPOR INTRUSION REPORT AND MITIGATIONS RECOMMENDATIONS
NSA NAPLES, ITALY

Sample Results	
CDC Sample	**PCE Concentration (µg/m^3)**
ASG Average	174
Indoor Air Average	4.89
Localized Ambient Air Average (April 4, 2009)	1.76
6-month Ambient Air from Study Area 3 (Average +/- Standard Deviation)	3.33 +/- 1.46
Correction for Ambient Air	
Indoor Air Correction	**PCE Concentration (µg/m^3)**
Indoor Air Average Corrected for Playground Ambient Air	3.13
Indoor Air Average Corrected for 6-Month Ambient Air from Study Area 3	1.56
ASG to Indoor Air Attenuation Factor	
Indoor Air Correction	**PCE Attenuation Factor (unitless)**
Indoor Air Average Corrected for Playground Ambient Air	0.02
Indoor Air Average Corrected for 6-Month Ambient Air from Study Area 3	0.008

TABLE 3-3
IAQ, ASG, AND AMBIENT AIR RESULTS AT CAPODICHINO WTP
VAPOR INTRUSION REPORT AND MITIGATIONS RECOMMENDATIONS
NSA NAPLES, ITALY

Sample Results	
CDC Sample	**PCE Concentration ($\mu g/m^3$)**
ASG Average	734
Indoor Air Average	1.18
Localized Ambient Air Average (June 30, 2009)	1.51
6-month Ambient Air from Study Area 3 (Average +/- Standard Deviation)	3.33 +/- 1.46
Correction for Ambient Air	
Indoor Air Correction	**PCE Concentration ($\mu g/m^3$)**
Indoor Air Average Corrected for Playground Ambient Air	< 0
Indoor Air Average Corrected for 6-Month Ambient Air from Study Area 3	< 0
ASG to Indoor Air Attenuation Factor	
Indoor Air Correction	**PCE Attenuation Factor (unitless)**
Indoor Air Average Corrected for Playground Ambient Air	Not Applicable
Indoor Air Average Corrected for 6-Month Ambient Air from Study Area 3	Not Applicable

U Not detected at associated detection limit.

TABLE 3-4
IAQ, ASG, AND AMBIENT AIR RESULTS AT CAPODICHINO EAST GATE
VAPOR INTRUSION REPORT AND MITIGATIONS RECOMMENDATIONS
NSA NAPLES, ITALY

Sample Results	
CDC Sample	**PCE Concentration (µg/m^3)**
ASG Average	5.48
Indoor Air Average	6.07
Localized Ambient Air Average (June 28, 2009)	1.45 U
6-month Ambient Air from Study Area 3 (Average +/- Standard Deviation)	3.33 +/- 1.46
Correction for Ambient Air	
Indoor Air Correction	**PCE Concentration (µg/m^3)**
Indoor Air Average Corrected for Playground Ambient Air	6.07
Indoor Air Average Corrected for 6-Month Ambient Air from Study Area 3	2.74
ASG to Indoor Air Attenuation Factor	
Indoor Air Correction	**PCE Attenuation Factor (unitless)**
Indoor Air Average Corrected for Playground Ambient Air	0.9
Indoor Air Average Corrected for 6-Month Ambient Air from Study Area 3	2.0

U Not detected at associated detection limit.

TABLE 3-5
RISKS (CEFs) ASSOCIATED WITH PCE CONCENTRATIONS AT CAPODICHINO CDC
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Contaminant	**PCE**
Infant Room Average Corrected for Playground Ambient Air	
Adult Risks[1]	1.5
Child Risks[2]	0.5
Infant Room Average Corrected for 6-Month Ambient Air from Study Area 3	
Adult Risks[1]	0.74
Child Risks[2]	0.3

1 Based on comparison to industrial air RSL for an adult worker in the CDC
2 Based on an inhalation rate of 0.5 m^3/hr, an exposure time of 12 hr/day, exposure frequency of 250 days/yr, exposure duration of 6 yrs, and an average body weight of 15 kg. Inhalation slope factors derived from unit risk concentrations in combination with default body weight (70 kg) and inhalation rate (20 m^3/day)

TABLE 3-6
RISKS (CEFs) ASSOCIATED WITH PCE CONCENTRATIONS AT CAPODICHINO EAST GATE
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Contaminant	**PCE**
Infant Room Average Corrected for Playground Ambient Air	
Adult Risks[1]	2.9
Infant Room Average Corrected for 6-Month Ambient Air from Study Area 3	
Adult Risks[1]	1.3

1 Based on comparison to industrial air RSL for an adult worker in the CDC

TABLE 3-7

**SUPPORT SITE HIGH SCHOOL IAQ, AMBIENT AIR, AND ASG SAMPLING RESULTS
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY**

Medium	Sample	Concentrations ($\mu g/m^3$) PCE
RSL (Residential Air)		0.41
RSL (Residential Soil Gas)		4.1
Indoor Air Weight Room	SU63IA001	1.45 U
	SU63IA001-D	1.45 U
Ambient Air	SU63AA001	1.45 U
	SU63AA001-D	1.72 J
Soil Gas Weight Room	SU63SG002	263
	SU63SG002-D	275
Soil Gas Office (Room 115)	SU67SG001	51.8
Soil Gas Library (Room 122)	SU68SG001	16.7

U Not detected at associated detection limit.
J Estimated value.

4.0 BUILDING SURVEY

4.1 OBJECTIVES AND METHODOLOGY

During the week of March 16 to March 20, 2009, Peter Rich of Tetra Tech and Chris Waldron of Pioneer Technologies Corporation (Tetra Tech subcontractor) reviewed building construction drawings and inspected the ground floors or basements (whichever was the lowest) of Capodichino and Support Site buildings. The survey identified the following conditions that could result in preferential pathways for VI:

- Cracks in cement/gaps between concrete slab and foundation
- Penetrations in slab (conduit, plumbing, etc.)
- Ventilation systems
- Sumps

This survey confirmed the use and occupancy of buildings and potential indoor air sources of VOCs including solvents and cleaners. This survey also allowed Tetra Tech to develop conceptual plans for installing mitigation systems in buildings, where warranted, based on potential extraction point locations, pipe runs, system locations, and stacks.

During this survey, Tetra Tech reviewed all building construction drawings and visually inspected all facility buildings other than Support Site residences; the survey team inspected a representative subset of Support Site residences. Notes from this inspection are in **Appendix E**.

4.2 CAPODICHINO BUILDINGS INSPECTION RESULTS

At the time of the visual inspection, the surveyors observed that Capodichino building slabs were in good condition, with minimal cracks and damage. A review of construction drawings indicated that all buildings except BEQ1 (Bachelors Quarters) and C4I (Command Headquarters) have vapor barriers, although because vapor barriers may have inconsistent overlaps and sealing at penetrations, their effectiveness may be limited. The survey team observed many floor drain penetrations, which are preferential pathways for VI, in the buildings. Groundwater appears to be deeper than anticipated, likely over 20 feet below ground surface, based on the fact that the survey team located no groundwater sump pumps in basements and storm water sumps had standing water. Deeper groundwater reduces the potential for significant VI from groundwater. Typical VI mitigation system installation with vertical extraction points is appropriate for most facilities. Exceptions include C4I and the gymnasium.

If VI remedial systems are necessary, horizontal wells are appropriate for the gym. C4I requires additional evaluation to determine the feasibility of installing a mitigation system because of the basement

depth, large building size, and difficult access. In addition, C41 has other potential indoor air sources of VOCs including extensive computer and electronics systems that require maintenance and cleaning. The surveyors looked primarily at hallways during the building inspection, so they did not identify solvents or other potential sources. During the building inspection, building staff reported that IAQ related to backed-up sanitary sewer drainage was a recurring issue. The Navy conducted an IAQ study including indoor air sampling to evaluate the issue. Tetra Tech reviewed the indoor air sampling results; the study did not include any individual VOCs as analytical parameters and the study data did not provide useful information to determine VI-related impacts (Shephard, March 2009).

4.3 SUPPORT SITE BUILDINGS INSPECTION RESULTS

At the time of the visual inspection, Support Site building slabs were in good condition with minimal cracks and damage, except for apartment building basements, which had visible cracking and moisture. All buildings except the BEQ, gymnasium, and residences with crawl spaces or basements have vapor barriers. Installation of these vapor barriers with inconsistent overlaps and sealing at penetrations limited their effectiveness. Most buildings have floor drain penetrations. Groundwater appears to be relatively shallow at about 10 feet below ground surface based on water observed in basements; there was evidence of some minor water infiltration, one active sump pump, and several inactive sump pumps.

If facilities require mitigation, a typical VI mitigation system with vertical extraction points is appropriate for most buildings. Exceptions include the gymnasium, bowling alley, Navy Exchange, Commissary, and Hospital because these structures all have features such as expensive floor finishes, large open spaces, and high ceilings. Horizontal wells (i.e., non-typical mitigation systems) are an alternative for these exceptions. Residences have a fairly consistent design with typically easily accessible basements/crawl spaces that would facilitate installation of vapor barriers or enhanced ventilation below living spaces instead of sub-slab mitigation systems.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 POTENTIAL ASG SOURCES

Many ASG samples collected as part of this study contained chemicals at concentrations greater than RSLs; however, many of these soil gas contaminants do not pose a potential VI risk. Detections were relatively infrequent and exhibited no pattern. Several of the chemicals detected in ambient air as part of the ETSA 1-year regional air sampling activity may correspond to improper waste disposal/combustion. Although the presence of these contaminants in ambient air could be attributed to anthropogenic (man-made) pollution such as diesel exhaust, their presence in soil gas could also be attributable to the regional volcanic environment (Schwandner, et al., 2004). Fumarolic volcanic gases and on-site vegetation may also be contributors to organic trace gases in soil gas.

PCE concentrations in ASG samples exceeded trigger levels derived by modifying RSLs based on reasonably expected occupancy durations. PCE is present in groundwater at Capodichino and the Support Site at concentrations greater than its tap water RSL based on irrigation well data. PCE in ASG samples may result from a below-grade source demonstrated by detection at relatively consistent elevated levels in the southeastern portion of the Capodichino facility. Based on the pattern of detections in soil gas, it is possible that there is an impact to shallow groundwater in these areas; thus, there may be an IAQ concern.

ASG sample results triggered IAQ sampling at the Capodichino CDC, WTP, Clinic, East Gate Pass and ID Building and Support Site High School. IAQ sampling results did not indicate a risk level requiring mitigation at any of these sampled locations. Based on ASG results, Tetra Tech does not recommend VI mitigation systems for the WTP, Clinic, or East Gate at Capodichino or for any other Support Site buildings. However, Tetra Tech recommends installation of a mitigation system at the Capodichino CDC. The use of the building, potential sensitivity of its occupants, presence of PCE contamination in the subsurface, uncertainty associated with the nature and extent of PCE contamination, and potential for structural changes in the building's integrity over time warranted this recommendation.

5.2 CAPODICHINO CDC VI REMEDIAL OPTIONS AND RECOMMENDATIONS

The CDC (Building 458) is a day care facility of slab-on-grade construction. It has a reported area of 6,425 square feet and is approximately 120 feet long by 50 feet wide. The CDC has a 0.2-mm vapor barrier and ceramic tile and vinyl flooring finishes. Soil gas may contribute to vapor concentrations in indoor air.

An effective VI mitigation system creates and maintains a pressure differential, depressurizing vapor beneath the slab (to less than the ambient barometric pressure above the slab) to serve as a barrier for soil gas migration into the structure. The Navy should seal all possible air pathways around plumbing and electrical conduits or any other items penetrating the slab that could potentially allow flow between the sub-slab and indoor air with caulk or grout. The Navy should also investigate floor drains to ensure that they are undamaged and leak free.

For system installation at the CDC, the Navy should install three vertical extraction points near walls along the building's central hallway. At each location, the Navy should install an 8-inch core in the concrete slab and then use a hand auger to install a 12- to 24-inch-long, 2-inch-diameter polyvinyl chloride (PVC) well screen in an appropriately graded sand pack. The Navy should connect the screen to solid PVC pipe, bring it through the floor, and grout the annular space to eliminate leaks. The Navy should run the solid pipe from each well in the drop ceiling to the northern side of the building. The Navy should install valves, vacuum gages and flow measurement points prior to the moisture separator and vacuum side of the blower. A schematic of a typical system is included as **Figure 5-1**, and an example process and instrumentation diagram is included as **Figure 5-2**. The Navy should operate the system with approximately 25 standard cubic feet per minute of vapor extracted at each point at up to 50 inches of water column vacuum. The Navy should install small diameter (approximately ¼-inch) vacuum monitoring points to verify the system radius of influence. Initial cost for this system is approximately US $45,000 (based on United States experience), with additional long-term costs associated with the proper operations and maintenance. The Navy should check operational flow rates, vacuums, and VOC levels by photoionization detector (PID) approximately every week during the initial month of operation. Thereafter, monthly inspections to verify that system operation is adequate should be sufficient.

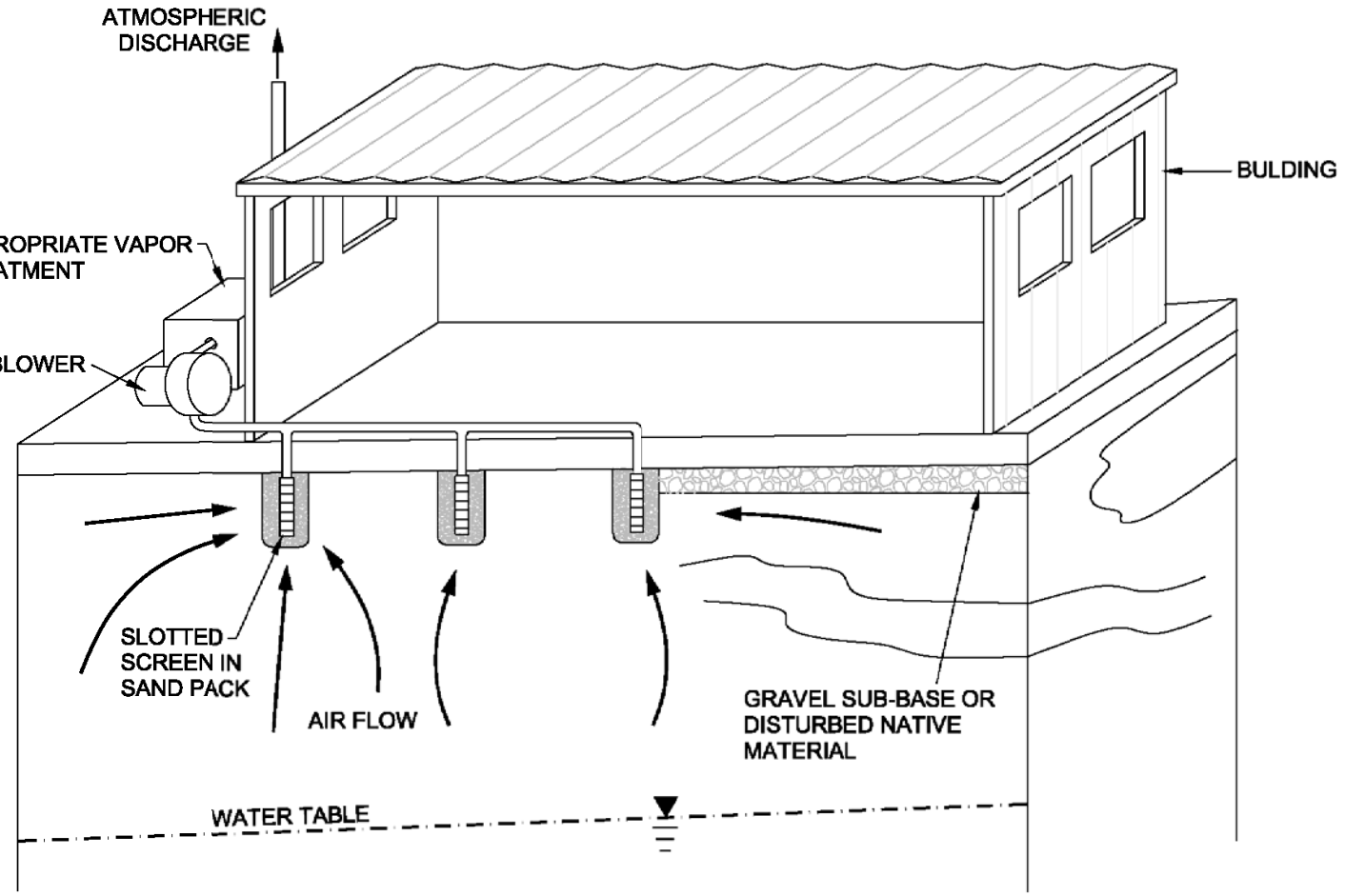
5.3 SUPPORT SITE HIGH SCHOOL RECOMMENDATIONS

Indoor air samples collected from the weight room of the Support Site High School, the office adjacent to the weight room, and the nearby library indicated no detection of PCE. However, the active soil gas sample collected beneath the weight room contained PCE at a concentration greater than the screening level. Although inhalation of indoor air does not pose a significant risk, the presence of PCE in the soil gas poses the potential for vapor intrusion in the future. Therefore, Tetra Tech recommends performing follow-up indoor air sampling to confirm the absence of PCE.

5.4 SHALLOW GROUNDWATER MONITORING

ASG sample results at the WTP, CDC, and BEQ1 indicate a possibility of impacted groundwater migration to the Capodichino facility. Tetra Tech recommends that the Navy install, gauge, and sample at least three shallow groundwater wells in the southeastern portion of the facility to determine groundwater flow direction and VOC concentrations. A similar groundwater monitoring program at the Gricignano

facility can provide information on current and future groundwater quality in relation to VI concerns. Determining groundwater flow direction requires a minimum of three wells. If necessary, the Navy could install more wells to provide more data regarding groundwater flow and the nature and extent of contamination.



NOTE:

ZONE DIRECTLY UNDER SLAB IS TYPICALLY MOST PERMEABLE DUE TO GRAVEL SUB-BASE OR VOID SPACE.

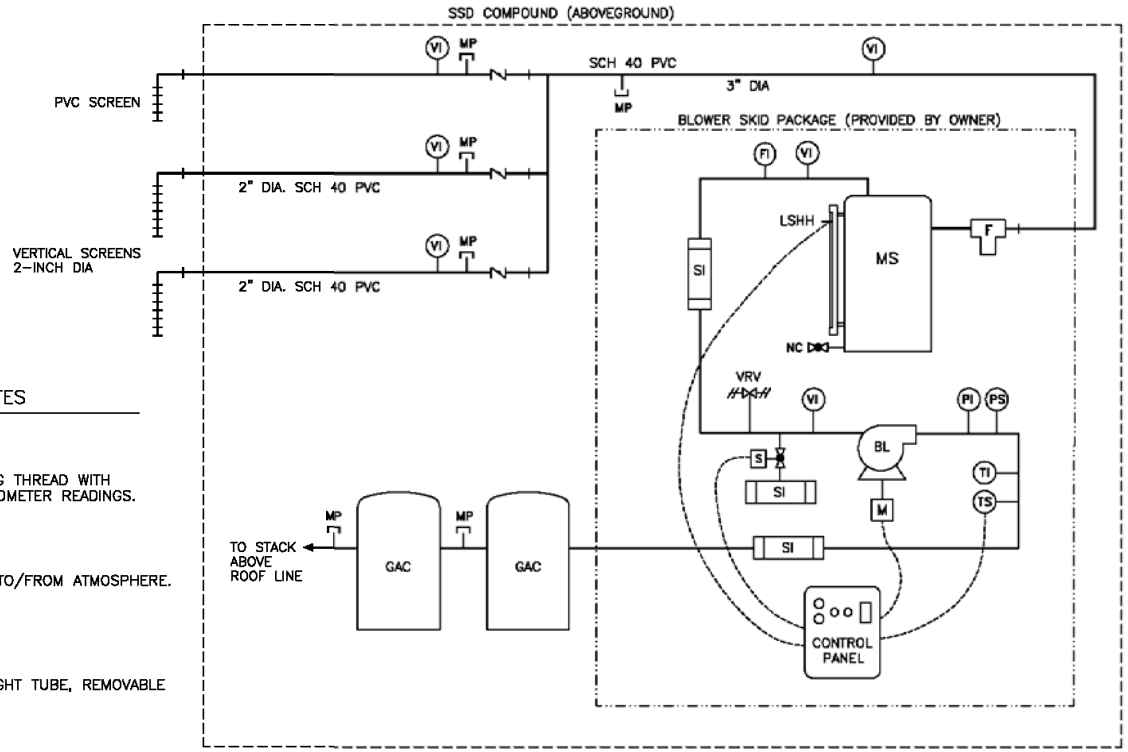
TITLE: TYPICAL VAPOR INTRUSION MITIGATION SCHEMATIC

LOCATION: Naples, Italy

Tetra Tech

CHECKED	PR
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FILE	112G01349001A
DATE	6-22-09

FIGURE: 5-1



PROCESS AND INSTRUMENTATION DIAGRAM NOTES

VI	VACUUM INDICATOR – 0–200" H 0
MP	MEASURING POINT 1/4" MALE CONNECTOR WITH PLUG THREAD WITH TEFLON TAPE. FITTING MAY BE REMOVED FOR ANEMOMETER READINGS. PROVIDE 20" SOLID PIPE BOTH SIDES.
	BUTTERFLY VALVE
	BALL VALVE – NORMALLY CLOSED. OPEN TO VENT TO/FROM ATMOSPHERE.
FI	FLOW INDICATOR (DIRECT SCFM READING)
F	INLET AIR FILTER
MS	MOISTURE SEPARATOR WITH 40 GALLON CAPACITY, SIGHT TUBE, REMOVABLE TOP, DRAIN VALVE
LSHH	HIGH LIQUID LEVEL SWITCH
VRV	VACUUM RELIEF VALVE
SI	SILENCER
S	SOLENOID FOR BLOWER STOP/START WITH 1½" AIR BLEED
BL	ROTRON DR505, 2.0 HP MOTOR, 75 SCFM @ 50" H_2O VACUUM
PI/PS	PRESSURE INDICATOR/PRESSURE SWITCH
TS	TEMPERATURE SWITCH
GAC	GRANULAR ACTIVATED CARBON VAPOR TREATMENT TETRASOLV, VR-170 OR EQUAL
PI	PRESSURE INDICATOR
TI	TEMPERATURE INDICATOR

TITLE: EXAMPLE PROCESS AND INSTRUMENTATION DIAGRAM

LOCATION: Naples, Italy

Tetra Tech

CHECKED	PR
DRAFTED	CP
FILE	112G01349002A
DATE	6-22-09

FIGURE: 5-2

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Appendix A

A-1 ASG Sampling SOP

A-2 Helium Leak-Test Results

A-1

ASG Sampling SOP

SOP 7 - SUB-SLAB AND NEAR-SLAB SOIL GAS SAMPLING PROCEDURES

1.0 PURPOSE

The objective of this Project-Specific Standard Operating Procedure (SOP) is to provide consistent direction to field personnel collecting sub-slab and near-slab soil gas samples for fixed-base laboratory analysis using a clean evacuated Summa canister with a 6-liter sample capacity. The primary objective is to sample the soil gas directly below the building's sub-slab and for the best results at approximately the center of the basement floor. However, if a sub-slab sample isn't possible (due to the presence of a finished basement floor, can't obtain landlord's permission to drill into the sub-slab, etc.) then obtain the soil gas sample outside within 10 foot of the building to a depth of at least 5 feet below ground surface (bgs).

2.0 REQUIRED FIELD FORMS AND EQUIPMENT

Sample log sheets (See Attachment A)
Disposable medical-grade gloves (e.g., latex, nitrile)
Summa canisters with a flow controller and particulate filter or equivalent
Summa canister shipping case
Portable Helium Tank
Portable Helium detector
Plastic sheeting
Clean 5-gallon bucket or plastic tub
Valves and connectors
"T" fitting
1/4- inch outside diameter (OD) Teflon™ tubing
Writing utensil with black indelible ink
3/8-inch OD flexible tubing
Personal air sampling pump (e.g., MSA EIF pump or equivalent)
Fiberglass tile probe
Cable locator
Heavy-duty drill or hammer drill
Mason bits, 3/ 8 to 1¼ inch
Tool box
Work gloves and hearing and eye protection
AMS Manual Soil Gas Stainless Steel Vapor Probe with extension, ½-inch couplings, "T" handle and thread-on slide hammer attachment

Hand auger with extension, “T” handle, and 2-inch stainless steel bucket bit
SilkaFlex (See MSDS in Attachment B) , driller’s clay, modeling clay and/or grout
Sample labels/tag
Chain-of-custody form
Decontamination equipment and fluids
Hand-held vacuum cleaner or brush and dust pan
Clean fill/topsoil and sand
Neat cement and water
Cold patch and trowel
Trash bags
Broom or vacuum

3.0 SOIL GAS SAMPLING

The following general procedures should be followed when collecting a soil gas sample for analysis.

1. Each Summa canister has a valve and the inlet, sealed with a brass cap (Swagelock ¼-inch plug). The brass cap serves two purposes. First, it ensures that there is no loss of vacuum due to a leaky valve and assures no accidental opening of the valve during handling. Second, it prevents dust and other material from fouling the valve.

2. Prior to using a Summa canister, determine the internal vacuum to ensure that no leakage has occurred during shipment from the laboratory.

   a. Check and record the internal vacuum of each Summa canister prior to sample collection. Each canister should contain an initial vacuum of at least 25 inches Hg.
   b. Before removing the brass cap from the canister inlet, make sure that the valve of the canister is closed.
   c. Attach the vacuum gauge and ensure a tight connection using a 9/16 wrench (finger tighten plus 1/8 turn with the wrench is adequate).
   d. Open and close the canister valve quickly (a few seconds) and record the vacuum. Ensure that the canister valve is closed and remove the regulator.

3. Do not take sample until Helium tracer requirements are met (< 10% Helium). Otherwise, seal around sampling port is leaking and may result in sample that is not representative.

4. Maintain the sample integrity if the sampling event is shorter than the target duration; the sampler may compromise sample integrity if the event extends to the point that the canister reaches atmospheric

pressure. Sample interval should be 30 to 60 minutes; however, post-sampling vacuum should not reach zero (2 inches of Hg is the target).

5. Protect against possible electric shock by first probing the soil gas location with a fiberglass tile probe.

6. Screen the soil gas sampling location for underground utilities. Employ a cable locator to verify that no underground pipes exist.

7. Wear nitrile or latex gloves when handling tubing, connectors, etc. to avoid potential cross-contamination. Tubing should be handled and stored properly, and use new lengths of tubing for each sample.

8. Record on the soil gas sample log sheet the sample ID, sampler's name, sample date, sample duration (start and stop time), vacuum pre and post sampling, and canister and gauge ID/serial numbers. Also include a sketch of the sampling location.

9. Record final vacuum readings of each Summa canister on the chain-of-custody, this enables the laboratory to compare the final vacuum with the receipt vacuum (i.e., the vacuum measured upon arrival at the laboratory).

10. Ship all soil gas samples (Summa canisters) to the fixed-base laboratory by overnight courier in the packaging that provided during the initial shipment.

3.1 Sub-Slab Soil Gas Sampling

1. Using a heavy-duty drill or hammer drill, drill a 3/8 to 1.25-inch-diameter hole into the sub-slab and advance the hole into the sub-slab material approximately 3 to 4 inches.

2. Position a 3- to 4-foot length of ¼-inch OD Teflon™ tubing directly below the concrete sub-slab.

3. Seal off the upper surface (space between concrete floor and tubing) with SlikaFlex or equivalent substance immediately after drilling.

4. Connect the discharge end of the tubing as described in Section 3.3.2 and follow purging procedures, then sample soil gas employing the Summa canister as discussed in Section 3.4.

Note: The drilling location should be through an unfinished floor as close to the center of building as possible.

3.2 Near-Slab Soil Gas Sampling

1. Use a fiberglass tile probe to clear a ½-inch-diameter hole to a depth of 4 foot below ground surface (bgs) within 10 foot of the building. Note: It maybe necessary to drill a 3/8 to 1-inch hole through concrete or asphalt within 10 feet of the building.

2. Then remove the fiberglass tile probe and insert a stainless steel ½-inch OD AMS manual soil gas vapor probe, with removable liner rods for ground penetration and to help prevent soil intrusion into the probe, to a depth of at least 5 feet bgs utilizing a "T" handle to push the probe or a slide hammer to obtain the desired depth.

3. Seal off the upper surface (space between ground/concrete/asphalt and vapor probe) with SlikaFlex or equivalent substance

4. Remove the liner rods and insert and connect ¼-inch OD Teflon™ tubing into the vapor probe, which utilizes vent holes for soil vapor entry at the probe's bottom.

5. Leave about 2 to 3 feet of excess Teflon™ tubing coming out of the probe to connect to the sample train "T" fitting as described in Section 3.3.2 and follow purging procedures, then sample soil gas employing the Summa canister as discussed in Section 3.4.

6. Make a maximum of three attempts to push and/or drive the vapor probe to at least 5 feet bgs using the above method (Section 3.2). If the sampler can not achieve a depth of 5 feet, it maybe necessary to use the above-described method (Section 3.2) in combination with hand auguring where the ground surface is soil or gravel, not asphalt or concrete. If the sampler still can not achieve a depth of 5 feet bgs due to rocky soil conditions, then the sampling team leader till make a field decision to either install the vapor probe in an area where ground cover is soil at the surface to a depth of less than 5 feet or install 1/4-inch O.D. Teflon™ tubing directly below a concrete or asphalt driveway, sidewalk, etc. preferably at or below the level of the sub-slab using the sampling method described in Section 3.1.

3.3 Establish Seal around Soil Gas Probe

1. To check seal around soil gas probe use helium as a tracer gas.
    a. Punch a small hole in sheeting to accept sample port. Hole should be tight around port.
    b. Place plastic sheeting on ground surrounding sample port.
    c. Place clean bucket (open side to ground) over sample port.
    d. Check seal with plastic sheeting, should be tight.

e. Seal bucket to plastic sheeting with SlikaFlex.or equivalent.

f. Insert incoming Helium line into pre-drilled hole in bucket.

g. Pull sample collection tube through pre-drilled hole in bucket.

h. Fill bucket with Helium gas (use caution not to pressurize the system, this may drive Helium gas down into liquid point).

2. Purging

a. Connect the tubing from the sample zone to the bottom end of the "T" fitting, then attach tubing to the second "T" fitting that leads to a personal air sampling pump (e.g., MSA EIF pump or equivalent) used to purge the sample train (See Purge/Leak Test Diagram in Attachment C).

b. The third end of the "T" fitting will lead to the sampling end via a series of tubing, pressure fittings, and a Swagelock connected to the Summa canister with an inline vaccum gauge. **Note: DO NOT open the Summa canister valve at this time; it must remain closed throughout the purging process.**

c. The personal pump line with tubing leading from the "T" fitting requires a valve or clamp to prevent flow from same during sampling. The 1/4-inch OD Teflon™ tubing, in conjunction with larger-diameter tubing and flexible tubing, to accommodate the personal sampling pump inlet port and other connections and valves.

e. When connecting the tubing, ensure that connections are secure and free of any leaks.

f. Set the personal sampling pump to a flow rate of approximately 0.2 liter per minute (lpm) and ensure that the valve on the tubing line leading to the sample pump is open.

g. Allow the personal sampling pump to run for 10 minutes at a flow rate of 0.2 lpm.

h. Collect all of the purged air in Tedlar bag for Helium analysis. Note: if outdoors it is not necessary to collect all purged air, just enough for Helium analysis.

i. Check purged air for Helium contamination with portable Helium detector.

j. Air purged from system must maintain < 10% Helium. DO NOT take sample until tracer gas requirements are met (< 10% Helium in purged air). If seal is not adequate, troubleshoot for leaks and re-test using helium tracer gas.

3.4 Soil Gas Sampling With Summa Canister

1. Prior to sampling, remove the Summa canister's brass dust cap and fit with a flow controller and particulate filter. The laboratory must calibrate the flow controllers to enable sample collection over a 30- to 60-minute sampling period. Typically, the flow controller attaches directly to the canister, and the particulate filter attaches to the flow controller via threaded 1/4-inch Swagelock connections.

2. After installing the flow controller and the particulate filter, attach the tubing to the Summa canister and collect the sample. All threaded connections must be tight to prevent leaks. ***Be careful not to cross thread the connections!***

a. When ready to collect the sample, make sure the valve leading to the personal sampling pump is ***CLOSED*** and the valve leading to the Summa canister is ***OPEN***.

b. Record in the field notebook and the COC the flow controller number with the appropriate Summa canister number.

3. Open the valve of the Summa canister in a counterclockwise direction – this initiates the sample.

a. Record in the field notebook the time sampling began and the canister vacuum.

b. Label the Summa canister. As the team collects the sample, there should be a gradual loss of vacuum, and at the end of the sample period, a vacuum of approximately 2 inches of Hg should remain.

4. If possible, photograph the Summa canister, capturing the sample ID if possible. Also photograph canister and surrounding area. Capture any available landmarks for future use in photogenic logs.

5. Arrive at the Summa canister location at least 10 to 15 minutes prior to the end of the required sampling interval (e.g., 30 to 60 minutes).

6. After the sampling period expires, close the valve by hand tightening the knob in a clockwise direction.

a. After recording the final vacuum of the canister, tightly close the valve and secure the brass dust cap fitting onto the canister.

b. Check the sample label/tag to be certain that all information is complete and accurate.

3.5 Site Restoration and Cleanup

Inside – sweep or vacuum drilling dust and patch holes with neat cement. Empty Tedlar bag outside.

Outside – sweep or vacuum drilling dust and patch holes with neat cement or cold patch, whichever is appropriate. Fill and restore any holes made in areas where the surface is ground cover (i.e., if the ground cover was grass, then save a 4-inch-square grass plug replaced prior to leaving the site).

4.0 ATTACHMENT.

Attachment A – Soil Gas Sample Log Sheet
Attachment B – SilkaFlex MSDS
Attachment C – Purge/Leak Test Diagram

ATTACHMENT A

ENVIRONMENTAL TESTING SUPPORT ASSESSMENT

SOIL GAS SAMPLE LOG SHEET

Tetra Tech NUS, Inc.

SOIL GAS SAMPLE LOG SHEET

Project Site Name: _____ **Sample ID No.:** _____
Project No.: _____ **Sample Location:** _____
Sample Date: _____ **Sampled By:** _____
Sample Time: _____ **Canister Leak**
Soil Gas from: **Sub-Slab [ ] or Near Slab [ ]** **Check Date:** _____

PURGE INFORMATION

START TIME	STOP TIME	Volume Purged	LEAK TEST RESULT (ppm of He)

SAMPLING INFORMATION

	LOCAL TIME	CANISTER PRESSURE (Inches Hg)	TEMPERATURE (^{o}C)
START			
STOP			

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TO-15	6 L SUMMA Canister		

NOTES / OBSERVATIONS:

Serial Number: **Calculated:**
Canister: _____ **Flow Rate (ml/min):** _____
Gauge: _____ **Sample Duration (min):** _____

SKETCH OF SOIL GAS LOCATION:

Duplicate ID No.:	Signature(s):

A-2

Helium Leak-Test Results

Sample ID	Sample Location	Leak Result (%)
Capodichino		
CA50SG001	BEQ 1 - 443	0
CA50SG002	BEQ 1 - 443	0
CA51SG001	BEQ 2 - 446	0.01
CA52SG001	Fire/Security - 403	0
CA53SG001	BEQ 1-443	0.0375
CA54SG001	Marine GP - 447	0
CA55SG001	CDC - 458	0
CA56SG001	Water Treatment Plant - 459	0
CA57SG001	Air Ops - 415	0
CA58SG001	BEQ 3 -449	0
CA59SG001	Admin 1 - 442	0
CA60SG001	Admin 2 - 442A	0
CA61SG001	Capo Inn - 453	0
CA62SG001	CDC - 458	0
CA63	Location ID not used for SG	
CA64SG001	Capo Clinic - 457 (Room 159.1)	0.01
CA65SG001	East Gate Pass & ID - 468	0
Support Site		
SU50SG001	Residence - 2052	0
SU51SG001	Residence - 2056	0
SU52SG001	Central Forum - 2072A	0.0375
SU52SG002	Central Forum - 2072A	0
SU52SG003	Central Forum - 2072A	0.24
SU53SG001	CDC - 2065	0
SU54SG001	Elementary School (North) - 2057	0
SU55SG001	Fire Station - 2071	0
SU56SG001	Residence - 2146	0
SU57SG001	Residence - 2106	0
SU58SG001	Residence - 2024	0
SU59SG001	Residence - 2012	0
SU60SG001	Residence Villa Capri	0
SU61SG001	Residence Villa Ponza	0
SU62SG001	Residence - 2130	0
SU63SG001	High School (East) - 2058	0
SU64SG001	High School (West) - 2058	0
SU65SG001	Elementary School (South) - 2057	0
SU66SG001	Residence - 2157	0
SU67SG001	High School - 2058 (Room 115 - Coach's Office/Weight Room)	0
SU68SG001	High School - 2058 (Room 122 - Library)	0

Sensitivity of 0.0025%

Appendix B

Laboratory Data

POSITIVE DETECTIONS OF CHEMICALS IN ACTIVE SOIL GAS SAMPLES
CAPODICHINO
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

UR+A1 LOCATION SAMPLE DATE EVENT SACODE MATRIX	RSL Res Air 10x	RSL Ind Air 10x	CA50SG001 CA50 20081204 PHASE II NORMAL SG	CA50SG002 CA50 20090220 PHASE II NORMAL SG	CA51SG001 CA51 20081208 PHASE II NORMAL SG	CA52SG001 CA52 20090304 PHASE II NORMAL SG	CA53SG001 CA53 20090304 PHASE II NORMAL SG	CA54SG001 CA54 20090304 PHASE II NORMAL SG	CA55SG001 CA55 20090304 PHASE II ORIG SG	CA55SG001-D CA55 20090304 PHASE II DUP SG
Volatile Organics (UG/M3)										
1,1,1,2-TETRACHLOROETHANE	3.3	17	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	52000	220000	20.9	9.36	0.15 U	0.15 U	0.661	0.15 U	3.54	3.52
1,1,2,2-TETRACHLOROETHANE	0.42	2.1	**0.557**	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	1300000	48.4	23	0.63	3.09	10.4	0.08 U	77	86.2
1,1-DICHLOROETHENE	2100	8800	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.131 J
1,2,3-TRICHLOROBENZENE	NC	NC	4.1	0.4 U	2.82	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	NC	NC	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	42	180	4.53 J	0.676	2.91 J	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,2,4-TRIMETHYLBENZENE	73	310	0.516	0.564	2.41	0.05 U	1.57	0.05 U	0.938	1.02
1,2-DICHLOROBENZENE	2100	8800	0.991	0.107 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	12	**7.79**	0.245	0.67	0.09 U	0.715	0.09 U	0.09 U	0.09 U
1,3,5-TRIMETHYLBENZENE	63	260	0.257	0.19 J	0.773	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,3-DICHLOROBENZENE	NC	NC	0.61	0.102 J	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
1,4-DICHLOROBENZENE	2.2	11	0.778	0.329	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
2-BUTANONE	52000	220000	0.769	3.11	6.15	8.12	2.39	3.15	4.18	4
ACETALDEHYDE	11	56	0.62 UR	**25.6 R**	0.62 UR	0.62 UR	0.62 UR	**19.8 R**	**17.9 R**	0.62 UR
ACETONE	320000	1400000	8.8	17.5	44.3	61.9	9.82	70.6	361	313
ACETONITRILE	630	2600	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.636 J	0.679 J
ACETOPHENONE	NC	NC	1.02 U	1.02 U	1.02 U	1.66 J	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.21	0.88	0.41 U	**1.32**	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
ACRYLONITRILE	0.36	1.8	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	3.1	16	0.454	1.39	2.74	**13.2**	1.6	1.55	1.76	1.83
BROMODICHLOROMETHANE	0.66	3.3	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	22	110	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CARBON DISULFIDE	7300	31000	1.1	1.77	0.695	0.1 U	4.67	0.1 U	0.1 U	0.1 U
CARBON TETRACHLORIDE	1.6	8.2	0.673	0.535	0.528	0.13 U	0.13 U	0.13 U	0.293 J	0.288 J
CHLOROBENZENE	520	2200	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
CHLOROFORM	1.1	5.3	0.179 J	0.286	0.11 U	0.11 U	0.846	0.11 U	0.11 U	0.399
CHLOROMETHANE	940	3900	377	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
CYCLOHEXANE	63000	260000	1.31	0.386	0.64	0.11 U	0.163 J	0.11 U	0.282	0.458
DIBROMOMETHANE	NC	NC	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	8800	**10700**	**9520**	1.79	0.18 U	15.1	0.18 U	224	4.57
ETHYLBENZENE	9.7	49	0.267	0.477	3	**62.2**	1.58	**16.9**	1.83	1.81
HEXACHLOROBUTADIENE	1.1	5.6	0.854	0.824	0.749	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
HEXACHLOROETHANE	6.1	31	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	7300	31000	0.298 J	0.793	1.74	0.17 U	0.414	1.92	0.566	0.844
ISOBUTANOL	NC	NC	0.46 U	2.76	0.46 U	0.46 UR	0.46 UR	0.46 UR	912 J	795 J
ISOPROPYLBENZENE	4200	18000	0.07 U	0.207	0.07 U	43.6	0.07 U	25.2	0.423	0.336
M+P-XYLENES	NC	NC	0.819	0.953	4.32	36.3	0.09 U	2.35	1.52	1.75
METHYL CYCLOHEXANE	NC	NC	0.156 J	0.533	1.43	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	94	470	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	52	260	0.427	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.161 J
NAPHTHALENE	0.72	3.6		**4.5 R**		0.22 UJR	**53.5 JR**	0.22 UJR	**31.9 JR**	**33.5 JR**
O-XYLENE	7300	31000	0.29	0.439	1.92	0.06 U	0.99	0.06 U	0.06 U	0.06 U
STYRENE	10000	44000	0.07 U	0.07 U	0.339	847	4.43	16.2	10.6	9.71
TETRACHLOROETHENE	4.1	21	**435**	**279**	3.2	**58**	**12.4**	**11.3**	**2450**	**1810**
TOLUENE	52000	220000	1.58	3.08	6	29.7	3.79	3.02	3.14	3.71
TRICHLOROETHENE	12	61	2.24	0.497	0.22	0.08 U	0.08 U	0.08 U	3.73	3.74
TRICHLOROFLUOROMETHANE	7300	31000	27.1	8.99	1.15	503	6.24	2.91	133	139

POSITIVE DETECTIONS OF CHEMICALS IN ACTIVE SOIL GAS SAMPLES
CAPODICHINO
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

UR+A1 LOCATION SAMPLE DATE EVENT SACODE MATRIX	RSL Res Air 10x	RSL Ind Air 10x	CA56SG001 CA56 20090305 PHASE II NORMAL SG	CA56SG002 CA56 20090630 PHASE II ORIG SG	CA56SG002-D CA56 20090630 PHASE II DUP SG	CA57SG001 CA57 20090327 PHASE II NORMAL SG	CA58SG001 CA58 20090327 PHASE II NORMAL SG	CA59SG001 CA59 20090330 PHASE II NORMAL SG	CA60SG001 CA60 20090327 PHASE II NORMAL SG	CA61SG001 CA61 20090330 PHASE II NORMAL SG
Volatile Organics (UG/M3)										
1,1,1,2-TETRACHLOROETHANE	3.3	17	0.18 U	0.18 U	0.349 J	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	52000	220000	13.2	11.4	11.2	0.15 U	0.531	0.15 U	0.15 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.42	2.1	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	1300000	133	54.7	53	2.54	18.8	0.882	0.08 U	0.698
1,1-DICHLOROETHENE	2100	8800	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	NC	NC	0.4 U	0.431 U	0.446 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	NC	NC	0.07 U	0.07 U	0.306	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	42	180	0.19 U	2.2	2.35	3.01	2.42	1.18	1.61	1.3
1,2,4-TRIMETHYLBENZENE	73	310	8.95	1.04	1.29	21.7	1.16	0.491	0.352	0.977
1,2-DICHLOROBENZENE	2100	8800	0.1 U	1.16	1.23	0.1 U	0.1 U	0.1 U	0.531	0.1 U
1,2-DICHLOROPROPANE	2.4	12	0.959	0.09 U	0.218 U	**5.45**	0.09 U	0.09 U	0.09 U	0.696
1,3,5-TRIMETHYLBENZENE	63	260	0.05 U	0.66 U	0.77 J	7.3	0.05 U	0.05 U	0.263	0.05 U
1,3-DICHLOROBENZENE	NC	NC	0.09 U	0.953	1.04	0.09 U	0.09 U	0.09 U	0.446	0.09 U
1,4-DICHLOROBENZENE	2.2	11	0.09 U	0.915	0.998	0.09 U	0.09 U	0.09 U	0.653	0.09 U
2-BUTANONE	52000	220000	1.51	1.53	1.59	9.66	1.55	0.558 J	0.638 J	1.87
ACETALDEHYDE	11	56	**16.1 R**	**19.6 R**	**18.6 R**	**91.8 R**	**22 R**	**11.5 R**	0.62 UR	**14.6 R**
ACETONE	320000	1400000	49.3	14.4	14.8	90.3	50.4	12.9	2.6	17.8
ACETONITRILE	630	2600	0.38 U	0.38 U	0.38 U	3.3	0.38 U	0.38 U	0.38 U	0.38 U
ACETOPHENONE	NC	NC	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
ACROLEIN	0.21	0.88	0.41 U	0.41 U	**0.602 J**	**5.92**	0.41 U	0.41 U	**0.758 J**	**1.52**
ACRYLONITRILE	0.36	1.8	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	3.1	16	**6.46**	2.64	2.74	**16.4**	0.769	0.159 J	0.351	0.673
BROMODICHLOROMETHANE	0.66	3.3	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BROMOFORM	22	110	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
CARBON DISULFIDE	7300	31000	0.686	0.751	0.733	5.26	0.562	0.1 U	0.1 U	5.73
CARBON TETRACHLORIDE	1.6	8.2	1.06	1.04	1.04	0.911	0.13 U	0.554	0.13 U	0.609
CHLOROBENZENE	520	2200	0.04 U	0.594 U	0.6 U	0.04 U	0.04 U	0.04 U	0.128 J	0.04 U
CHLOROFORM	1.1	5.3	0.271	**3.04**	**2.99**	0.464	0.11 U	0.11 U	0.726	0.11 U
CHLOROMETHANE	940	3900	0.07 U	0.07 U	0.07 U	0.541	0.07 U	0.07 U	0.07 U	0.07 U
CYCLOHEXANE	63000	260000	1.41	0.422	0.473	36.5	18.4	0.11 U	0.11 U	0.11 U
DIBROMOMETHANE	NC	NC	0.15 U	0.15 U	0.259 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	8800	2.68	14.1	14.7	3.13	52.4	14.4	7.14	3.25
ETHYLBENZENE	9.7	49	4.16	1.53	1.73	**84.3**	0.975	0.132 J	0.247	5.14
HEXACHLOROBUTADIENE	1.1	5.6	0.24 U	**2.19**	**2.38**	**2.61**	**2.3**	0.24 U	**1.12**	**1.16**
HEXACHLOROETHANE	6.1	31	0.07 U	0.07 U	0.305	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	7300	31000	3.84	0.839	0.901	191	0.17 U	0.17 U	0.488	0.17 U
ISOBUTANOL	NC	NC	0.46 UR	1.51	1.58	0.46 U	0.46 U	0.46 U	0.46 U	8.71
ISOPROPYLBENZENE	4200	18000	0.07 U	0.314	0.358	4.89	0.07 U	0.07 U	0.137 J	0.07 U
M+P-XYLENES	NC	NC	0.09 U	2.66	3.47	71.5	3.03	0.421	0.387	24.5
METHYL CYCLOHEXANE	NC	NC	3.08	0.582	0.567	46.9	0.452	0.179 J	0.08 U	1.12
METHYL TERT-BUTYL ETHER	94	470	0.17 U	0.17 U	0.393	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	52	260	0.08 U	1.47	1.5	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
NAPHTHALENE	0.72	3.6	**37.3 JR**	0.395 UR	0.405 UR	**8.57 R**	**2.13 R**	0.22 UR	0.22 UR	**0.935 R**
O-XYLENE	7300	31000	2.57	1.09	1.35	34.3	1.16	0.181 J	0.06 U	5.08
STYRENE	10000	44000	14.1	0.996	1.02	320	3.67	0.296	0.943	7.17
TETRACHLOROETHENE	4.1	21	**1620**	**716**	**752**	**9.94**	**72.4**	**5.76**	3.06	1.45 U
TOLUENE	52000	220000	7.4	5.64	6.41	34.9	3.53	2.88	0.428	6.83
TRICHLOROETHENE	12	61	**53.9**	**39.4**	**39.7**	2.37	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	7300	31000	55.1	31.8	31.1	2.39	10.9	2.87	0.505 J	1.68

POSITIVE DETECTIONS OF CHEMICALS IN ACTIVE SOIL GAS SAMPLES
CAPODICHINO
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

UR+A1 LOCATION SAMPLE DATE EVENT SACODE MATRIX	RSL Res Air 10x	RSL Ind Air 10x	CA62SG001 CA62 20090404 PHASE II ORIG SG	CA62SG001-D CA62 20090404 PHASE II DUP SG	CA64SG001 CA64 20090627 PHASE II ORIG SG	CA64SG001-D CA64 20090627 PHASE II DUP SG	CA65SG001 CA65 20090628 PHASE II ORIG SG	CA65SG001-D CA65 20090628 PHASE II DUP SG
Volatile Organics (UG/M3)								
1,1,1,2-TETRACHLOROETHANE	3.3	17			0.18 U	0.18 U	0.18 U	0.18 U
1,1,1-TRICHLOROETHANE	52000	220000			0.165 J	0.172 J	0.176 J	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.42	2.1			0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	1300000			0.08 U	0.802 U	0.835 U	0.677 U
1,1-DICHLOROETHENE	2100	8800			0.1 U	0.1 U	0.1 U	0.1 U
1,2,3-TRICHLOROBENZENE	NC	NC			0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	NC	NC			0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	42	180			0.657 U	0.621 U	0.685 U	0.716 U
1,2,4-TRIMETHYLBENZENE	73	310			4.02	2.92	1.57	1.39
1,2-DICHLOROBENZENE	2100	8800			0.235 U	0.1 U	0.239 U	0.1 U
1,2-DICHLOROPROPANE	2.4	12			0.511 J	0.09 UJ	0.444	0.51
1,3,5-TRIMETHYLBENZENE	63	260			1.1	0.829	1.05	0.924
1,3-DICHLOROBENZENE	NC	NC			0.204 U	0.22 U	0.232 U	0.09 U
1,4-DICHLOROBENZENE	2.2	11			0.275 U	0.255 U	0.255 U	0.09 U
2-BUTANONE	52000	220000			10.7	8.66	3.23	2.64
ACETALDEHYDE	11	56			**40.8 R**	**35.1 R**	5.61 R	3.43 R
ACETONE	320000	1400000			132	129	15.2 J	25.8 J
ACETONITRILE	630	2600			0.754 J	0.677 J	0.38 U	0.38 U
ACETOPHENONE	NC	NC			2.37	1.02 UJ	1.05 J	1.02 U
ACROLEIN	0.21	0.88			**2.22**	**2.88**	0.41 U	0.41 U
ACRYLONITRILE	0.36	1.8			0.2 UJ	0.271 J	0.2 U	0.2 U
BENZENE	3.1	16			**7.04**	**6.2**	**5.22**	**4.53**
BROMODICHLOROMETHANE	0.66	3.3			0.15 U	0.15 U	0.166 J	0.15 U
BROMOFORM	22	110			0.11 U	0.11 U	0.11 U	0.257 J
CARBON DISULFIDE	7300	31000			1.4	1.28	0.723	0.511
CARBON TETRACHLORIDE	1.6	8.2			0.572 U	0.577 U	0.355 U	0.302 U
CHLOROBENZENE	520	2200			0.197 U	0.197 U	0.166 U	0.102 U
CHLOROFORM	1.1	5.3			0.384 U	0.326 U	0.976	0.955
CHLOROMETHANE	940	3900			0.07 U	0.07 U	0.07 U	0.07 U
CYCLOHEXANE	63000	260000			6.44 J	3.72 J	0.907	0.608
DIBROMOMETHANE	NC	NC			0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	8800			4.01	3.8	**37700**	**33500**
ETHYLBENZENE	9.7	49			**10.2**	9.19	**41.5**	**37.3**
HEXACHLOROBUTADIENE	1.1	5.6			0.613 U	0.632 U	0.633 U	0.573 U
HEXACHLOROETHANE	6.1	31			0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	7300	31000			15.7 J	4.36 J	1.99	1.51
ISOBUTANOL	NC	NC			8.89	7.04	19.5	20.9
ISOPROPYLBENZENE	4200	18000			0.523	0.483	21.8	20.7
M+P-XYLENES	NC	NC			6.79	5.63	17.5	16.2
METHYL CYCLOHEXANE	NC	NC			10.3 J	3.67 J	1.34	0.821
METHYL TERT-BUTYL ETHER	94	470			0.17 U	0.17 U	0.17 U	0.17 U
METHYLENE CHLORIDE	52	260			0.534	0.415	0.08 U	0.08 U
NAPHTHALENE	0.72	3.6	**7.11 R**	**6.77 R**	1.12 UR	0.675 UR	0.474 UR	0.499 UR
O-XYLENE	7300	31000			0.06 UJ	2.58 J	0.06 U	0.06 U
STYRENE	10000	44000			3.24	2.85	114 J	218 J
TETRACHLOROETHENE	4.1	21	**157**	**191**	**29.3**	**27.2**	**5.79**	**5.17**
TOLUENE	52000	220000			56.5 J	17.5 J	9.49	7.73
TRICHLOROETHENE	12	61			6.04	5.8	1.57 J	0.884 U
TRICHLOROFLUOROMETHANE	7300	31000			2.23	2.04	6.74	6.69

POSITIVE DETECTIONS OF CHEMICALS IN ACTIVE SOIL GAS SAMPLES
GRICIGNANO SUPPORT SITE
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS

SAMPLE ID LOCATION SAMPLE DATE EVENT SACODE MATRIX	RSL Res Air 10x	RSL Ind Air 10x	SU50SG001 SU50 20081205 PHASE II NORMAL SG	SU51SG001 SU51 20081205 PHASE II NORMAL SG	SU52SG001 SU52 20081206 PHASE II NORMAL SG	SU52SG002 SU52 20090221 PHASE II ORIG SG	SU52SG002-D SU52 20090221 PHASE II DUP SG	SU52SG003 SU52 20090221 PHASE II NORMAL SG	SU53SG001 SU53 20090313 PHASE II NORMAL SG	SU54SG001 SU54 20090316 PHASE II NORMAL SG	SU55SG001 SU55 20090313 PHASE II NORMAL SG
Volatile Organics (UG/M3)											
1,1,1-TRICHLOROETHANE	52000	220000	0.27 J	0.557	97 UJ	0.15 U	0.15 U	0.519	0.15 U	0.15 U	0.15 U
1,1,2,2-TETRACHLOROETHANE	0.42	2.1	**0.506**	0.04 U	25.9 UJ	0.04 U	0.04 U	0.04 U	0.04 UJ	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	1300000	0.813	0.93	221 J	0.745	0.645	1.5	0.08 U	0.778	0.08 U
1,2,3-TRICHLOROBENZENE	NC	NC	0.4 U	3.68	259 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
1,2,3-TRICHLOROPROPANE	NC	NC	0.07 U	0.07 U	45.4 UJ	0.07 U	0.07 U	0.07 U	0.07 UJ	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	42	180	6.72 J	3.78 J	123 UJ	0.516	0.585	0.562	3.36 U	0.19 U	1.32 J
1,2,4-TRIMETHYLBENZENE	73	310	6.6	0.577	**1820 J**	1.17	0.75	0.18 J	3.97	0.05 U	0.316
1,2-DIBROMO-3-CHLOROPROPANE	0.0016	0.02	0.1 U	0.1 U	64.8 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.041	0.2	0.12 U	0.12 U	77.8 UJ	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	2100	8800	0.1 U	0.352	64.8 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DICHLOROPROPANE	2.4	12	1.78	**4.96**	58.3 UJ	0.835	0.588	0.09 U	0.09 U	0.09 U	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	NC	NC	0.26 U	0.26 U	168 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	63	260	1.83	0.253	**566 J**	0.295	0.198 J	0.0778 J	0.05 U	0.05 U	0.217
1,3-DICHLOROBENZENE	NC	NC	0.09 U	0.218	58.3 UJ	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.292
1,4-DICHLOROBENZENE	2.2	11	0.09 U	0.223	58.3 UJ	0.367	0.338	0.277	0.09 U	0.09 U	0.09 U
2-BUTANONE	52000	220000	7.31	1.14	765 J	9.79	10	1.79	10.7	1.33	1.49
ACETALDEHYDE	11	56	**93.2 R**	0.62 UR	402 UJR	**16.2 R**	**21.8 JR**	**15.7 R**	**25.8 R**	**34.1 R**	**40.3 R**
ACETONE	320000	1400000	46.1	13.7	6540 J	273	236	30.8	39.1 J	9.94	15
ACETONITRILE	630	2600	1.58	0.38 U	246 UJ	3.63	3.7	0.38 U	2.42	0.38 U	0.38 U
ACETOPHENONE	NC	NC	1.02 U	1.02 U	661 UJ	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 UJ
ACROLEIN	0.21	0.88	**1.65**	**1.72**	266 UJ	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	**1.81**
ACRYLONITRILE	0.36	1.8	0.2 U	0.2 U	130 UJ	0.2 U	0.2 U	0.2 U	**0.572**	0.2 U	0.2 U
BENZENE	3.1	16	**4.07**	1.56	**1910 J**	**3.93**	**3.84**	0.401	**67.8**	0.459	0.353
CARBON DISULFIDE	7300	31000	1.41	1.76	126 J	0.951	0.939	0.419	5.09	0.1 U	0.168 J
CARBON TETRACHLORIDE	1.6	8.2	0.13 U	0.13 U	**254 J**	0.583	0.58	0.13 U	0.13 U	0.554	0.13 U
CHLOROBENZENE	520	2200	0.04 U	0.04 U	25.9 UJ	0.04 U	0.04 U	0.04 U	0.167 J	0.04 U	0.0782 J
CHLOROFORM	1.1	5.3	0.311	0.166 J	**112 J**	**3.86**	**3.9**	0.313	**1.15**	0.11 U	0.11 U
CHLOROMETHANE	940	3900	0.07 U	0.07 U	45.4 UJ	0.35	0.347	0.07 U	0.07 U	0.07 U	0.235
CYCLOHEXANE	63000	260000	0.551	0.11 U	374 J	4.53 J	1.18 J	2.89	1.77	0.11 U	0.451
DIBROMOMETHANE	NC	NC	0.15 U	0.15 U	97.2 UJ	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
DICHLORODIFLUOROMETHANE	2100	8800	4.26	4.21	945 J	4.14 J	1.97 J	10.2	3.05	2.61	5.61
ETHYLBENZENE	9.7	49	2.02	0.372	**2260 J**	2.92	2.74	0.18 J	**12.4**	1.15	0.819
HEXACHLOROBUTADIENE	1.1	5.6	**1.48**	0.778	156 UJ	0.806	0.736	0.757	2.44 U	0.24 U	0.24 UJ
HEXACHLOROETHANE	6.1	31	0.07 U	0.07 U	45.4 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ
HEXANE	7300	31000	0.58	0.622	662 J	2.16 J	0.781 J	0.36	5.08	0.367	0.356
ISOBUTANOL	NC	NC	0.46 U	0.46 U	7070 J	10.5	11.1	0.46 U	0.46 U	0.46 U	0.46 U
ISOPROPYLBENZENE	4200	18000	0.07 U	0.07 U	45.4 UJ	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
M+P-XYLENES	NC	NC	2.8	0.852	6370 J	3.01	2.46	0.408	9.33	0.797	0.9
METHYL ACETATE	NC	NC	0.27 U	0.27 U	446 J	0.796	0.817	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	NC	1.17	0.197 J	210 J	1.01 J	0.08 UJ	0.08 U	2.65	0.08 U	0.08 U
METHYLENE CHLORIDE	52	260	0.86	0.318	**2340 J**	0.542	0.524	0.08 U	0.08 U	0.08 U	0.198 J
NAPHTHALENE	0.72	3.6				**15 R**	**15.5 R**	**9 R**	**125 R**	**11.1 R**	0.22 UJR
O-XYLENE	7300	31000	1.4	0.349	1800 J	1.34	1.13	0.181 J	5.2	0.379	0.06 U
PENTACHLOROETHANE	NC	NC	0.25 U	0.25 U	162 UJ	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U	0.25 U
STYRENE	10000	44000	3.12	0.224	1340 J	12	9.99	0.23	94.6	8.94	4.15
TETRACHLOROETHENE	4.1	21	**8.63**	**7.95**	**2240 J**	1.45 U	1.45 U	**4.47**	1.53 J	1.45 U	**4.58**
TOLUENE	52000	220000	6.39	1.61	3740 J	9.46	9.04	2.61	33.2 J	0.855	1.47
TRICHLOROETHENE	12	61	0.186 J	0.218	**6600 J**	0.0998 J	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
TRICHLOROFLUOROMETHANE	7300	31000	4.53	9.91	1060 J	1.58	1.59	18.2	2.92	1.9	2.25

POSITIVE DETECTIONS OF CHEMICALS IN ACTIVE SOIL GAS SAMPLES
GRICIGNANO SUPPORT SITE
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS

SAMPLE ID LOCATION SAMPLE DATE EVENT SACODE MATRIX	RSL Res Air 10x	RSL Ind Air 10x	SU56SG001 SU56 20090316 PHASE II NORMAL SG	SU57SG001 SU57 20090316 PHASE II NORMAL SG	SU58SG001 SU58 20090402 PHASE II NORMAL SG	SU59SG001 SU59 20090402 PHASE II NORMAL SG	SU60SG001 SU60 20090403 PHASE II NORMAL SG	SU61SG001 SU61 20090414 PHASE II NORMAL SG	SU62SG001 SU62 20090403 PHASE II NORMAL SG	SU63SG001 SU63 20090406 PHASE II NORMAL SG	SU63SG002 SU63 20090618 PHASE II ORIG SG
Volatile Organics (UG/M3)											
1,1,1-TRICHLOROETHANE	52000	220000	0.15 U	0.15 U	0.15 U	0.339	0.15 U	0.15 U	0.15 U	0.15 U	0.18 J
1,1,2,2-TETRACHLOROETHANE	0.42	2.1	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	1300000	0.08 U	0.665	0.763	0.765	0.08 U	0.67	0.08 U	0.08 U	0.786
1,2,3-TRICHLOROBENZENE	NC	NC	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.454 J
1,2,3-TRICHLOROPROPANE	NC	NC	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.216
1,2,4-TRICHLOROBENZENE	42	180	1.41	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	2.41
1,2,4-TRIMETHYLBENZENE	73	310	0.428	0.226 U	0.633	0.05 U	2.29	1.13	0.05 U	41.6	16
1,2-DIBROMO-3-CHLOROPROPANE	0.0016	0.02	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	**0.373**
1,2-DIBROMOETHANE	0.041	0.2	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	2100	8800	0.265	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1.04
1,2-DICHLOROPROPANE	2.4	12	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.3 U
1,2-DICHLOROTETRAFLUOROETHANE	NC	NC	0.26 U	0.26 U	103	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	63	260	0.195 J	0.05 U	0.196 J	0.05 U	0.372	0.05 U	0.05 U	9.87	3.37
1,3-DICHLOROBENZENE	NC	NC	0.238	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.964
1,4-DICHLOROBENZENE	2.2	11	0.786	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.916
2-BUTANONE	52000	220000	0.515 J	1.72	2.64	1.94	17	15.9	1.74	7.47	3.06
ACETALDEHYDE	11	56	1.64 R	**61.8 R**	**40.8 R**	**36.3 R**	**97.6 R**	**79.7 R**	**26.7 R**	**33.3 R**	**35.5 JR**
ACETONE	320000	1400000	2.02 J	44.1	15.6	8.37	160	124	11.7	21.2	17.8
ACETONITRILE	630	2600	0.38 U	0.675 J	0.38 U	0.38 U	2.32	0.841	0.38 U	0.38 U	0.415 J
ACETOPHENONE	NC	NC	1.02 U	1.02 U	1.02 U	1.18 J	1.02 U	2.82	1.02 U	1.76 J	1.02 U
ACROLEIN	0.21	0.88	0.41 U	**1.21**	**1**	**2.84**	**1.35**	**3.94**	0.41 U	0.41 U	**0.713 J**
ACRYLONITRILE	0.36	1.8	0.2 U	0.2 U	0.2 U	0.2 U	**0.537**	0.2 U	0.2 U	0.2 U	0.2 U
BENZENE	3.1	16	**3.48**	0.71	**4.74**	**3.55**	**7.43**	**4.37**	2.23	**4.29**	1.7
CARBON DISULFIDE	7300	31000	0.263 U	0.1 U	0.599	0.364	2.08	0.86	2.75	5.85	4.15 J
CARBON TETRACHLORIDE	1.6	8.2	0.13 U	0.397	0.13 U	0.13 U	0.273 J	0.491	0.13 U	0.291 J	0.554 U
CHLOROBENZENE	520	2200	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.447
CHLOROFORM	1.1	5.3	0.11 U	0.365	0.225	**1.32**	0.492	**1.39**	0.11 U	0.11 U	0.326 U
CHLOROMETHANE	940	3900	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.125 J
CYCLOHEXANE	63000	260000	0.11 U	0.11 U	0.73	0.11 U	1.03	3.83	0.11 U	0.748	0.188 J
DIBROMOMETHANE	NC	NC	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.27 J
DICHLORODIFLUOROMETHANE	2100	8800	0.26 J	2.12	24.5	5.83	2.19	2.26	15.1	2.48	2.75
ETHYLBENZENE	9.7	49	0.774	5.94	3.11	**50.4**	9.4	9.7	**11.4**	**66.9**	**31**
HEXACHLOROBUTADIENE	1.1	5.6	1.06	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	**2.38**
HEXACHLOROETHANE	6.1	31	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
HEXANE	7300	31000	0.234 J	0.17 U	1.5	0.828	2.31	1.63	1.96	0.344	0.17 U
ISOBUTANOL	NC	NC	0.46 U	0.46 U	0.46 U	0.46 U	393	50.6	0.46 U	46	1.79
ISOPROPYLBENZENE	4200	18000	0.07 U	0.154 J	0.208	0.07 U	0.547	0.548	0.07 U	1.76	0.788
M+P-XYLENES	NC	NC	0.606 U	3.37	2.51	28.2	4.61	6.28	6.46	150	62
METHYL ACETATE	NC	NC	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	NC	0.111 J	0.08 U	1.17	0.08 U	0.08 U	6.52	0.08 U	1.59	0.513
METHYLENE CHLORIDE	52	260	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	7.59	0.08 U	0.08 U	0.143 J
NAPHTHALENE	0.72	3.6	**25.9 R**	**1.99 R**	**2.76 R**	**2.18 R**	**7.43 R**	**4.16 R**	**1.46 R**	**123 R**	**0.978 R**
O-XYLENE	7300	31000	0.36 U	0.06 U	0.06 U	12.9	0.06 U	3.51	0.06 U	36.8	16.5
PENTACHLOROETHANE	NC	NC	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
STYRENE	10000	44000	1.11	83.1	11.6	254	29.2	72.4	46.4	21.1	1.44 J
TETRACHLOROETHENE	4.1	21	1.45 U	2.1 J	3.47	**5.37**	3.3	1.96 J	3.77	**1120**	**263**
TOLUENE	52000	220000	1.54 J	1.61	4.48	5.54	14.9	8.03	2.44	12.1	4.65
TRICHLOROETHENE	12	61	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.416
TRICHLOROFLUOROMETHANE	7300	31000	0.31 U	1.67	4.36	25.1	2.19	1.84	3.13	2.4	1.68

POSITIVE DETECTIONS OF CHEMICALS IN ACTIVE SOIL GAS SAMPLES
GRICIGNANO SUPPORT SITE
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS

SAMPLE ID LOCATION SAMPLE DATE EVENT SACODE MATRIX	RSL Res Air 10x	RSL Ind Air 10x	SU63SG002-D SU63 20090618 PHASE II DUP SG	SU64SG001 SU64 20090406 PHASE II NORMAL SG	SU65SG001 SU65 20090404 PHASE II NORMAL SG	SU66SG001 SU66 20090403 PHASE II NORMAL SG	SU67SG001 SU67 20090618 PHASE II NORMAL SG	SU68SG001 SU68 20090618 PHASE II NORMAL SG
Volatile Organics (UG/M3)								
1,1,1-TRICHLOROETHANE	52000	220000	0.184 J	0.15 U	0.15 U	0.15 U	0.22 J	0.202 J
1,1,2,2-TETRACHLOROETHANE	0.42	2.1	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.404
1,1,2-TRICHLOROTRIFLUOROETHANE	310000	1300000	0.804	0.681	1.62	0.08 U	0.739	0.818 U
1,2,3-TRICHLOROBENZENE	NC	NC	0.458 J	0.4 U	0.4 U	0.4 U	1.03	0.624 J
1,2,3-TRICHLOROPROPANE	NC	NC	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
1,2,4-TRICHLOROBENZENE	42	180	2.5	0.19 U	0.19 U	0.19 U	3.15	2.56
1,2,4-TRIMETHYLBENZENE	73	310	17.9	0.829	0.727	0.05 U	1.04	1.49
1,2-DIBROMO-3-CHLOROPROPANE	0.0016	0.02	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2-DIBROMOETHANE	0.041	0.2	**0.155 J**	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,2-DICHLOROBENZENE	2100	8800	1.06	0.1 U	0.1 U	0.1 U	1.19	1.11
1,2-DICHLOROPROPANE	2.4	12	0.265 U	0.09 U	0.09 U	0.09 U	0.283 U	0.09 U
1,2-DICHLOROTETRAFLUOROETHANE	NC	NC	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,3,5-TRIMETHYLBENZENE	63	260	3.98	0.05 U	0.05 U	0.05 U	0.635	0.8
1,3-DICHLOROBENZENE	NC	NC	0.962	0.09 U	0.09 U	0.09 U	1.1	1
1,4-DICHLOROBENZENE	2.2	11	0.935	0.09 U	0.09 U	0.09 U	1.04	0.97
2-BUTANONE	52000	220000	3.48	3.01	5.26	3.58	5.95	5.2
ACETALDEHYDE	11	56	**62.9 JR**	**55 R**	**27 R**	**61 R**	**27.1 R**	**24.5 JR**
ACETONE	320000	1400000	17.4	75.5	141	22.5	24.8	22.3
ACETONITRILE	630	2600	0.38 U	1.04	1.17	0.38 U	0.882	1.22
ACETOPHENONE	NC	NC	1.02 U	1.39 J	1.41 J	1.02 U	5.83	1.02 U
ACROLEIN	0.21	0.88	**1.16**	0.41 U	0.41 U	**2.41**	**0.881**	**0.942**
ACRYLONITRILE	0.36	1.8	0.2 U	0.2 U	0.2 U	0.2 U	0.295 J	0.323 J
BENZENE	3.1	16	1.71	**3.12**	**4.66**	1.86	**3.48**	**6.2**
CARBON DISULFIDE	7300	31000	0.332 J	0.604	1.07	0.531	0.224	0.483
CARBON TETRACHLORIDE	1.6	8.2	0.554 U	0.573	0.13 U	0.13 U	0.45 U	0.595 U
CHLOROBENZENE	520	2200	0.44	0.04 U	0.04 U	0.04 U	0.412	0.4 U
CHLOROFORM	1.1	5.3	0.336 U	0.783	0.11 U	0.216	0.285 U	0.252 U
CHLOROMETHANE	940	3900	0.07 U	0.07 U	0.07 U	0.07 U	0.117 J	0.07 U
CYCLOHEXANE	63000	260000	0.186 J	1.74	0.11 U	0.592	0.366	0.618
DIBROMOMETHANE	NC	NC	0.27 J	0.15 U	0.15 U	0.15 U	0.33	0.244 J
DICHLORODIFLUOROMETHANE	2100	8800	2.71	2.45	6.46	2.65	4.71	77.8 J
ETHYLBENZENE	9.7	49	**32.1**	1.24	3.83	**19.5**	2.37	**11.2**
HEXACHLOROBUTADIENE	1.1	5.6	**2.48**	0.24 U	0.24 U	0.24 U	**2.2**	**2.5**
HEXACHLOROETHANE	6.1	31	0.07 U	0.07 U	0.07 U	0.07 U	0.339	0.07 U
HEXANE	7300	31000	0.17 U	0.904	1.11	0.805	0.859	0.725
ISOBUTANOL	NC	NC	1.84	3.68	0.46 U	63	3.54	2.58
ISOPROPYLBENZENE	4200	18000	0.809	0.07 U	0.07 U	0.07 U	0.377	0.57
M+P-XYLENES	NC	NC	66.2	1.26	4	10.7	2.29	6.74
METHYL ACETATE	NC	NC	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYL CYCLOHEXANE	NC	NC	0.534	0.933	24.2	1.23	0.08 U	1.25
METHYLENE CHLORIDE	52	260	0.153 J	0.08 U	0.08 U	0.08 U	11.9	0.0858 J
NAPHTHALENE	0.72	3.6	**1.06 R**	**7.61 R**	**2.95 R**	**2.22 R**	**1.54 R**	**1.24 R**
O-XYLENE	7300	31000	17.2	0.534	1.75	0.06 U	0.06 U	3.31
PENTACHLOROETHANE	NC	NC	0.25 U	0.25 U	0.25 U	0.25 U	0.336 J	0.25 U
STYRENE	10000	44000	0.07 UJ	0.914	20.6	134	5.83	37
TETRACHLOROETHENE	4.1	21	**275**	2.83 J	**8.92**	2.21 J	**51.8**	**16.7**
TOLUENE	52000	220000	4.76	3.62	12.8	5.05	6.4	17.4
TRICHLOROETHENE	12	61	0.414	0.08 U	0.08 U	0.08 U	0.368	0.343 U
TRICHLOROFLUOROMETHANE	7300	31000	1.75	1.68	24.6	2.11	2.53	1.89

Appendix C

IAQ Sampling SOP

SOP 12 – INDOOR AIR QUALITY SUMMA CANISTER AIR SAMPLING PROCEDURE FOR NSA NAPLES ENVIRONMENTAL TESTING SUPPORT ASSESSMENT, PHASE II AIR SAMPLING ACTIVITIES (Revision 0)

NOTE: Personnel performing this sampling must observe all standard proper sample handling and Chain of Custody practices at all times. Refer to project documents (QAPP, Work Plan, Health and Safety Plan, etc.) for related information and direction for sampling.

1.0 PURPOSE

The purpose of this Project Specific Standard Operating Procedure (SOP) is to describe a method for sampling and analysis of Indoor Air Quality (IAQ) with regard to airborne concentrations of volatile organic compounds (VOCs). The method is based on the collection of air samples in subatmospheric stainless steel SUMMA canisters over a 12-hour period. Ambient (outside) air and soil gas samples will also be a part of IAQ assessments conducted. While separate Project Specific SOPs exist for both ambient air and active soil gas (ASG) sampling, pertinent aspects of these procedures are also addressed in this SOP.

This IAQ sampling will be performed in buildings where previous ASG sampling has been performed and the results of that sampling have indicated IAQ sampling is warranted to better characterize potential risk of exposure to volatile organic compounds that may exist to building occupants..

2.0 SCOPE

This IAQ sampling system described in this SOP was designed specifically to provide analytical support for the assessment of potential health risks from certain volatile organic compounds that may be present in indoor air atmospheres. The sample will be collected using specially prepared 6-liter, evacuated stainless steel canisters. A controlled flow orifice is used to collect the air sample over a 12-hour period.

Ambient air samples are to be collected concurrently during IAQ sampling. ASG samples may also be collected as part of an IAQ assessment, if so, they would be collected sequentially (not concurrently) as soon as possible after IAQ sampling has been completed.

3.0 SAMPLING EQUIPMENT

- A clean 6 Liter stainless steel 6,000L SUMMA Canister fully evacuated to -30 in Hg or greater.

- A pressure gauge within a range of 3 to 8 milliliters/minute (ml/min) and a critical orifice used to control the flow rate into the canister for the 12-hour sampling period.
- Particulate filter
- SUMMA Canister Air Sampling Field Sample Data Sheet (See Attachment I)
- Logbook
- Digital camera
- Adjustable Wrench
- Teflon tape
- Compressed Air
- Watch
- Pens
- Calculator

4.0 RESPONSIBILIES

- Air Sampling Leader (ASL) – Responsible for overseeing all IAQ sampling events

- Field Crew – Responsible for deploying, checking and retrieving all air quality samples

- Sample Management Team – Responsible for decontaminating sampling equipment assembling the Sample Package/Packets

- Maintenance Team – Responsible for maintaining air sampling equipment, decontamination of sampling equipment, and calibration of samplers.

5.0 HEALTH AND SAFETY

- During sampling, the canister will be attached to a stand, fence, or security cage in the inverted position using hooks and/or zip ties, followed by a bungee cord. The bungee cord is applied to the Base ring (on top when the canister is inverted) to control the canister from falling forward. Care should be exercised when applying the bungee cords as a sudden release may result in the hook striking the body or facial area. When applying bungees, safety glasses must be worn to protect the eyes.
- Do NOT attempt to over-stretch the bungee cord as this may result in an accidental release. While striking any other part of the body will result in various levels of pain, significant damage could occur to the facial area (eyes).

- As ambient air sampling and ASG sampling will also be performed in conjunction with IAQ sampling, refer to the project specific SOPs for these sampling activities for health and safety concerns associated with performing these tasks.

6.0 PROCEDURES

The procedures described in this SOP include the following:

- IAQ Sample Collection (Section 6.1)
- Ambient Air Sampling (section 6.2)
- Active Soil Gas Sampling (section 6.3)
- Sample Retrieval (Section 6.4)

6.1 IAQ SAMPLING COLLECTION

Before each IAQ sampling event, each Sample Team will receive SUMMA canisters, pressure gauges, Sample Data Sheets, and labels from Sample Management Team at the Support Site trailer. Each SUMMA canister should be marked indicating that it has been tested and the evacuation is in the acceptable range. Each Sample Team is responsible for checking all sampling materials and confirming the sampling schedule and location prior to leaving the Support Site trailer.

REMINDER

Samplers must exercise extreme caution not to indirectly affect the sample quality. Items that could have a direct/indirect affect include, but not limited to the following:

- Having volatile liquids or conducting decontamination using volatile liquids when a SUMMA Canister is operating. Therefore, no volatile liquids will be transported or used anywhere near the canisters.
- Do NOT pump you own gas or diesel fuel when handling these devices. Should you get these materials on you body or clothing you must shower and change prior to resuming sampling activities.
- Eliminate the use of perfumes, colognes, after-shaves or similar products when deploying / monitoring / collecting these sample devices as these may affect sample integrity. **This is particularly important with IAQ samples.**
- Do NOT use Sharpies to mark Ziplocks, sampling machines or any other devices in the area of an operating SUMMA Canister.

6.1.1 Upon access to the inside of the building for an IAQ assessment, identify the interior space to be sampled and hang the SUMMA Canister(s) on a stand(s), close to the center of the space. When two IAQ samples are being collected in the same space, the SUMMA Canisters should be side-by-side – possibly even hung on the same stand. For IAQ purposes, air sampling equipment should be mounted to represent breathing zone height of likely occupants in the space – approximately 5 to 6 feet above the floor for adults and approximately 3 feet off the floor for children.

The SUMMA canisters are to be hung inverted to avoid potential plugging of the critical orifice. If occupants are present in the building, the SUMMA canisters should never be left unattended.

6.1.2 Before the start of sampling, check the vacuum integrity using the vacuum/pressure gauge on the orifice assembly as follows:

a) Make sure the valve is closed and remove the dust cap on the canister.
b) Attach the pressure gauge/critical orifice assembly using your fingers and an adjustable wrench (finger tight plus 1/8 to ¼ turn).
c) Attach the dust cap to the critical orifice inlet, open the valve handle and read the vacuum/pressure from the gauge.
d) Record the initial canister pressure on the Air Sample Data Sheet.
e) Close the valve after taking the reading and remove the dust cap. Place the dust cap back on the SUMMA Canister.

6.1.3 Once the unit is properly assembled and positioned open the control valve.

6.1.4 Record the meteorological conditions or other factors such as indoor air odors, chemical use, construction activity, open burning outside, etc. that might be pertinent to the collection of this sample on the Sample Data Sheet. In addition, record the date, location, sample ID, canister serial No., initial vacuum pressure, and start time of the sampling event, flow rate, etc.

If possible, interior sampling locations should be isolated (i.e. windows and doors shut) for a period of 12 to 24 hours before the samples are collected. Heating Ventilation and Air Conditioning (HVAC) systems should be operating under normal operating parameters for at least 24 hours prior to and during the scheduled sampling to establish and maintain indoor air temperatures and conditions during typical hours of occupancy. Observations regarding HVAC operation as well as other factors that might affect building pressurization such as exhaust fans must be recorded during the performance of the sampling.

6.1.5 During the sampling event, do not leave the air sampling equipment unattended. The only exception is if the sampling is performed during hours when the building is unoccupied and secured against entry. Check flow rates and proper equipment function at least every hour. During each check, record the pressure gauge reading, temperature, air pressure on the Sample data sheets along with any observations as noted above. Toward the end of the sampling period, increase the number of pressure gauge observations to prevent the canister from reaching equilibrium or zero vacuum.

Photographs should be taken documenting the location of the sampling, in a manner that depicts the general interior space of the building where the samples were collected.

NOTE: An acceptable evacuation rate for a SUMMA Canister is approximately 1-inch of Hg/hour. Faster rates than this may cause the sample duration to be less than 24-hours which is undesirable. Rates less than 1-inch of Hg/hour indicates that the critical orifice may be plugged or dirty. During sample collection, personnel will record the evacuation rate on the Sample Data Sheet or logbook for each visit. If it is determined that the SUMMA will not complete the prescribed sampling time, notify the ASL for additional instructions.

6.1.6 As a matter of standard practice, two co-located SUMMA canisters will be positioned and operated to collect duplicate air samples.

6.2 Ambient Air Sampling

Ambient air sampling is to be performed concurrently with IAQ sampling in order to collect information on volatile organic compounds that may be present in background conditions. This sampling will be performed using SUMMA canisters, which are to be positioned outside of the building where the IAQ sampling is being performed. The location of the ambient air sampling equipment should take the following issues into consideration:

- Apparent areas of high usage (e.g., playground or patio area)
- Prevailing wind directions
- Away from potentially obvious VOC emission sources (e.g., gasoline cans, etc.)

Ambient air sampling is to include a similar duplicate sampling arrangement as that employed for IAQ sampling, with the summa canisters positioned mounted to represent breathing zone height of likely exposures – approximately 5 to 6 feet above the ground for adults and approximately 3 feet off the ground for children.

Ambient air samples are to be collected during the same 12 hour period as the IAQ sampling event. Sampling devices must either be positioned and secured to minimize potential access or influence by unauthorized persons, or must be regularly visually inspected at least once every 60 minutes. Samples must observe for any potential influences during the sampling event (such as for noticeable odors, observed use of chemicals such as nearby use of paints, fuels, or other chemicals, etc.) and document these observations (including documenting the absence of any such events) on sample log sheets or in field notebooks.

Samplers are to observe the applicable portions of SOP 3, "**SUMMA® CANISTER air Sampling Procedure for NSA NAples Environmental testing support assessment, phase ii air sampling activities**", for additional direction on ambient air sampling procedures.

6.3 ASG Sampling

ASG sampling will be performed sequentially ***after*** IAQ sampling has been completed. It is very important that the drilling task associated with ASG sampling is not started until after the IAQ sampling devices have been closed and secured. This can be either immediately after the IAQ sampling event has been completed, or within a few days after that event. The objective is to collect and characterize potential IAQ source data for near-subsurface VOCs, to be used in conjunction to evaluate the IAQ and ambient air sampling results.

A duplicate ASG SUMMA canister should be set up and operated for QA/QC purposes. Refer to SOP 7 - **SUB-SLAB AND NEAR-SLAB SOIL GAS SAMPLING procedures** for procedures for performing ASG sampling.

6.4 SAMPLE RETRIEVAL

6.4.1 At the end of the sampling period, record the final vacuum pressure on the Sample Data Sheet and securely tighten the canister valve.

6.4.2 With the valve in the closed position, remove the gauge and replace the dust cap, tighten finger tight then 1/8 to ¼ turn.

6.4.3 Record the end time on your labels and Sample Data Sheet. In this case two labels will be completed. One label will be placed on the base ring of the canister and the other on the outside of the storage/shipping box.

7.0 REFERENCES

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-14A, Second Edition, U. S. Environmental Protection Agency, Research Triangle Park, NC, EPA 600/625/R-96/010b, January 1997.

Tri-Services Handbook for the Assessment of the Vapor Intrusion Pathway, Rev. 4.0, Final, U.S. Air Force, U.S. Navy, U.S. Army, 15 February 2008.

ATTACHMENTS

Attachment I - SUMMA Canister Sample Troubleshooting

Attachment II IAQ SUMMA Canister Air Sampling Field Data Sheet

Attachment I

SUMMA Canister Sample Troubleshooting

SUMMA CANISTER SAMPLING TROUBLESHOOTING

Potential problems associated with this SOP when using SUMMA Canisters have included the following conditions:

- Inadequate vacuum
- Too rapid evacuation
- Too slow evacuation.
- Unequal evacuation

The following discussion will address each individually and will address the remedies for these conditions.

Condition - Inadequate Vacuum on SUMMA Canisters received from the Laboratory.
As it is unknown when vacuum was lost and/or the conditions of this loss and/or what was in the vicinity of this loss anything <-25 in Hg will be considered suspect and will not be used for sampling purposes. This canister may be used to train or test gauges that have undergone maintenance. The -25 in Hg was selected incorporating variations in measurement gauges as well as temperature variations from where they are certified and where we check the pressure.

Remedy – During sample packaging preparation, all canisters received from the lab will be tested with an operating gauge. The procedure is as follows:

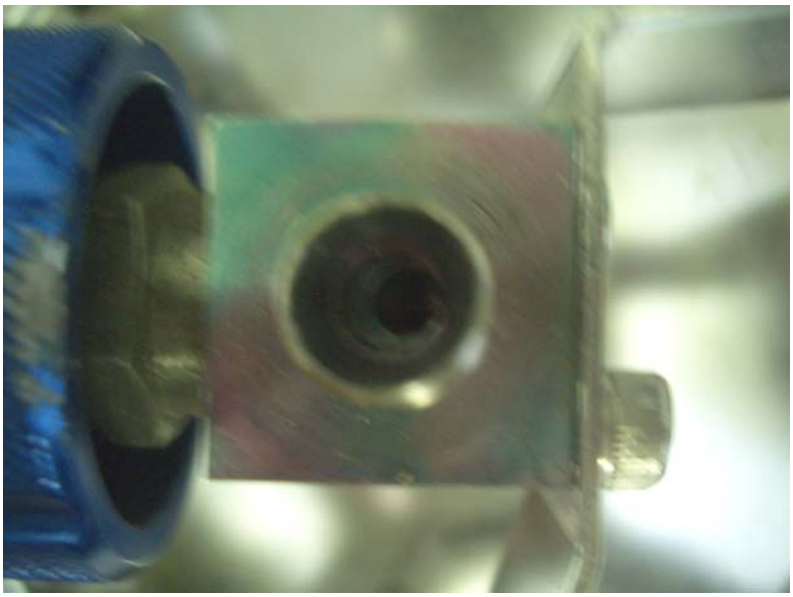
1. The SUMMA Canisters are tested away from any potential volatile sources.
2. The valve is checked to ensure it is in the closed position.
3. The dust cap is removed and the gauge is installed onto the SUMMA Canister as directed earlier in this text.
4. The dust cap is placed back on and tightened.
5. The valve is then opened to determine initial vacuum pressure.
6. The valve is then closed and the gauge is removed and the dust cap placed back on the canister.
7. Faulty canisters are removed from sampling applications.

Upon determination that a canister will not be used, the canisters will be isolated. Some canisters of inadequate pressures will be sent back to the lab for pressure testing, cleansing, and establishment of sufficient vacuum. Others may be used for testing gauges or training. The Air Sample Lead shall retain all copies of canister certifications.

Condition – Evacuation of the SUMMA Canister is occurring too rapidly.

This problem is typically indicative of a leaking gauge/connection. The cause could be mismatched/misaligned components; cross threading connections or gauge components. As illustrated in the imbedded picture misaligned components such as the orifice on the valve block may prevent adequate tightening of the components together.

As illustrated in the photo to the left, the misaligned orifice prevents the gauge stem from seating over the hole. As is also evident the photo illustrates that this misalignment make also block some of the hole affecting flow rate. Lastly, as evident by the imprint excessive tightening to get a seal has resulted in this imprint.



The result in these cases may cause the SUMMA to evacuate too quickly pulling from around these misaligned components.

Remedy: Teflon Tape has been successfully used to reinforce the connections to prevent leakage. In addition, we have replaced canisters as necessary if through the initial evaluation an adequate seal could not be obtained. To ensure duplicates are collected under duplicate conditions, it is best that the faulty gauge be replaced and gauges operating correctly are used together.

Condition – Flow rate too slow

In the past during sampling events flow variations have been noted. Obstruction of the inlet may be caused by blockage of the inlet due to debris (i.e. Bugs, particulates, moisture, etc.).

Remedy: The first action when a reduced flow rate is noted within the sampling period is as follows:

a) Shut the valve on the canister off and remove the sample port inlet.

b) Using compressed air, flush the sample port inlet the opposite direction of air flow to drive any blockage out. This device can also be disassembled and cleaned using the compressed air and brushes to clean the stone filter.
c) Re-assemble, tighten all connections, and
d) Open the valve slowly.
e) Monitor the SUMMA for the next ½ to 1 hour period to ensure the rate is within the optimum range. If not replace the gauge. Return the gauge for servicing.

Note: The canned compressed air has in some cases inert propellant used to drive the air. The Air Sampling Lead will in all cases ensure that any propellant used is not on the list of analytes indicated in the method # TO-15/15A prior to use.

Condition – Inaccurate reading on the Pressure Gauge

Another condition in which the SUMMA Gauges will not function properly (too fast or too slow or give an inaccurate reading) is when sampling team members open the valve too quickly. This condition may cause the diaphragm to slam open and in some cases to stick thereby resulting in faulty readings.

Remedy: Field Team members have been directed to open valves slowly, allowing the needle to slowly ascend. If the condition is suspected, field team members should cycle the opening and closing a couple of times to ensure the diaphragm does not stick.

Remedy: In addition, always inspect your pressure gauge. Some gauges were noted reading -2 in Hg. In instances where the gauge is thought to be inaccurate, send for a replacement gauge. Cleaning and maintenance may also correct inaccurate readings (elevated zero mark). In all cases the SUMMA Canisters are not to reach zero/equilibrium vacuum.

Night Shift IAQ Air Sampling Teams should carry additional gauges, canisters, compressed air, Teflon tape, etc. in order to respond quickly to a condition of failure.

ATTACHMENT II

IAQ SUMMA Canister Sample Data Sheet

DATE _____ **IAQ #** _____ **COC #** _____

PROJECT INFORMATION

Project Name: NSA – Naples, Italy; CTO 0002 *Charge#/Task*: 112G01735-0000.0518i – Fieldwork; Indoor Air Quality Assessment

METHODOLOGY

_____VOCs – Method TO-15A QA/QC Collected: _____

SAMPLE INFORMATION

Sampling Location:_____ *Sample ID #/QA ID #*: _____

SUMMA Canister ID #: _____ *SUMMA Canister size* (1, 3, 6, or 15 L): 6 Liter Logbook Start Date/ID#:_____

Valve ID #: _____Zero-reading on gauge_____ *Pre-calibrated valve flow rate*: ml/min

Operator(s) Name(s): _____

DATE	TIME	BP (hPa)	TEMP (^{o}C)	CANISTER PRESSURE (psi)	DISCHARGE RATE (inches Hg/hour)	INDOOR CONDITIONS (describe)	READ BY
/ /							
/ /							
/ /							
/ /							
/ /							
/ /							
/ /							
/ /							
/ /							
	Minutes:	Avg:	Avg:		Over 24 hours:		

Indoor air sampling conditions should be noted throughout the sampling period. Chemical use; household products use; odors; weather conditions; operation of HVAC systems; indoor or outdoor burning/visible smoke; windows closed/open; etc.

Sample **V**olume = _____ *ml/min (calibrated flow rate)* X _____ *(elapsed time) minutes* = _____ ml

COMMENTS: _____

Reminders –

- ☐ Canister pressure-tested
- ☐ Canister inverted.
- ☐ Duplicate Canisters placed on same stand
- ☐ Dust cap/valve box placed in SUMMA box

- You are expecting to see approximately 1-inch per hour decrease in the vacuum pressure; contact Air Sampling Lead (ASL) if otherwise.
- Do not open the valve too rapidly or this may cause the diaphragm to stick.
- Canister pressures less than (<)-30 (value reported on the Canister Certification Sheet) are to be reported to the ASL
- Do NOT evacuate SUMMA Canisters below -1.0 inhg without consulting the ASL.

Appendix D

CDC Risk Assessment Calculations

ADULT RISKS
CHILD DEVELOPMENT CENTER CAPODICHINO
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Chemical	Air Concentration		Residential Inhalation RSL ug/m3	Industrial Inhalation RSL ug/m3	Residential Risk		Industrial Risk	
	Infant Room Minus Ambient ug/m3	Infant Room Minus Playground ug/m3			Infant Room Minus Ambient	Infant Room Minus Playground	Infant Room Minus Ambient	Infant Room Minus Playground
Tetrachloroethene	1.56	3.13	0.41	2.1	3.8E-06	7.6E-06	7.4E-07	1.5E-06

CHILD RISKS
CHILD DEVELOPMENT CENTER CAPODICHINO
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

	Scenario 1		Scenario 2		Scenario 3	
IR=	0.83	m3/hr	0.5	m3/hr	0.5	m3/hr
ET =	24	hr/day	12	hr/day	8	hr/day
EF=	350	days/yr	250	days/yr	250	days/yr
ED=	6	yr	6	yr	3	yr
BW =	15	kg	15	kg	15	kg
ATc =	25550	days	25550	days	25550	days
ATn =	2190	days	2190	days	1095	days
Carc Intake =	1.09E-01	m3/(kg-day)	2.35E-02	m3/(kg-day)	7.83E-03	m3/(kg-day)
Noncarc Intake =	1.27E+00	m3/(kg-day)	2.74E-01	m3/(kg-day)	1.83E-01	m3/(kg-day)

Chemical	RfC	URF	RfD	CSF	Air Concentration		Scenario 1				Scenario 2				Scenario 3			
					Infant Room Minus Ambient	Infant Room Minus Playground	Infant Room Minus Ambient		Infant Room Minus Playground		Infant Room Minus Ambient		Infant Room Minus Playground		Infant Room Minus Ambient		Infant Room Minus Playground	
	mg/m3	$(ug/m3)^{-1}$	(mg/kg/day)	$(mg/kg/day)^{-1}$	ug/m3	ug/m3	ILCR	HI	ILCR	HI	ILCR	HI	ILCR	HI	ILCR	HI	ILCR	HI
Tetrachloroethene	2.70E-01	5.90E-06	2.16E-01	7.38E-03	1.56	3.13	1.3E-06	0.009	2.5E-06	0.02	2.7E-07	0.002	5.4E-07	0.004	9.0E-08	0.002	1.8E-07	0.003

RfD = RfC*12/15
CSF = URF*15/12*1000

ADULT RISKS
WATER TREATMENT PLANT CAPODICHINO
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Chemical	Air Concentration		Residential Inhalation RSL ug/m3	Industrial Inhalation RSL ug/m3	Residential Risk		Industrial Risk	
	Indoor Air Minus Ambient ug/m3	Indoor Air Minus Local Ambient ug/m3			Indoor Air Minus Ambient	Indoor Air Minus Local Ambient	Indoor Air Minus Ambient	Indoor Air Minus Local Ambient
Tetrachloroethene	0	0	0.41	2.1	0.0E+00	0.0E+00	0.0E+00	0.0E+00

ADULT RISKS
EAST GATE PASS AND ID CAPODICHINO
VAPOR INTRUSION REPORT AND MITIGATION RECOMMENDATIONS
NSA NAPLES, ITALY

Chemical	Air Concentration		Residential Inhalation RSL ug/m3	Industrial Inhalation RSL ug/m3	Residential Risk		Industrial Risk	
	Indoor Air Minus Ambient ug/m3	Indoor Air Minus Local Ambient ug/m3			Indoor Air Minus Ambient	Indoor Air Minus Local Ambient	Indoor Air Minus Ambient	Indoor Air Minus Local Ambient
Tetrachloroethene	2.74	6.07	0.41	2.1	6.7E-06	1.5E-05	1.3E-06	2.9E-06

Appendix E

Building Survey Notes

Facility number	Facility name	SF	Footprint (approximate)	Use	Slab/Basement/Other	Vapor Barrier	Comments	HVAC	Indoor Sources
443	BEQ1	127982	300x60	residence	basement	none	tax office in basement		
442	NSA Admin I	49432	200x50	offices	slab	vapor barrier	high cost floor finish		
440	C4I	205083	300x240	offices	basement, false floor	none	access issues with security and false floors, extensive cabling, large mechanical room with sewer pit, major power and electronics		sewer odor noted
452	Navy Exchange	14300	120x100	retail	slab	0.2mm PE			
448	Ciao Hall	21850	200x 120	events, rarely used	slab	0.2mm PE	large open area		carpet
450	Consolidated Club	31170	120x80	restaurant	slab	0.2mm PE			
446	BEQ2	138946	360x50 L	residence	partial basement	0.2mm PE	lounge, classrooms on 1st floor S, apts 1st floor N not accessed		carpet
442A	Admin II	61591	250x70	offices	slab	0.2mm PE			
453	Capo Inn	72689	280x80	inn, library, theater	slab	0.2mm PE	slab on grade storage area on N side		carpet
457	Medical/Dental Clinic	21753	150x90	med offices	slab	0.2mm PE			
458	CDC	6425	120x 50	child care	slab	0.2mm PE			
415	Air Ops	43968	140x80	offices, terminal	basment	water proofing membrane	basement offices, storage, OH door with ramp to surface		
407	Public Works	75860	220x120	offices	basement parking garage	0.2mm PE	ventilated parking garage basement		
449	BEQ3	86112	230x60 L	residence	slab	0.2mm PE	accessing apartments required to check slab		
442B	Admin III	94703	250x70 L	offices	partial basement	0.2mm PE	separate basement and slab sections would require separate systems		
401	Supply Warehouse	105835	260x200	warehouse, offices	slab	vapor barrier	~30' high ceilings		
402	Whse/POL/DLA	12636	150x80	warehouse	slab	?	4 bay small warehouse		
403	Fire/Security	18514	150x90	offices, bunkroom	slab, partial false floor	0.2mm PE			dichloropropane used in mechanical room
404A	Cold Storage		90x70	refrigerated storage	slab	none			
447	Marine GP	9760	70x50	offices	slab	vapor barrier	tunnels run to admin 3 and HQ		
451	Gym/Pool	39000	200x200	recreation	slab	0.2mm PE	high cost floor finishes, large open areas		
467	E. Guard House	42			slab	0.2mm PE			
468	E. Gate	588	30x20			0.2mm PE			
487	W. Gate	600	40x15	office	slab	0.2mm PE			
488A	W. Guard House	42			slab	0.2mm PE			
405	Hanger 1 (TB Demoed)								
406	Hangar 2	49145	220x150	aircraft maint., offices	slab	vapor barrier			
412	Air Cargo	78761	210x200	warehouse, offices	slab	0.2mm PE	30' high ceilings		
463	Kennel		60x30						
459	Water Treatment	3888	110x35						PCE above trigger level

Facility number	Facility name	Samples		Slab condition/Floor Penetrations	Possible VI System Extraction	Connecting Pipe (LF)	Blower Size	Stack Height (stories)	Estimated Cost (USD based on US production)	Comments
443	BEQ1	Yes-1:PCE 435 ug/m3 on S end; N end sample below trigger level		slight cracking, under tile	5	300	Mid	6	$67,000	building to be abandoned
442	NSA Admin I	below trigger levels		under tile, flooring good	4	250	Mid	3	$75,000	
440	C4I			under false floor	12	900	Large	3	$105,000	other IAQ sources, access issues
452	Navy Exchange			good in store room, tile and carpet elsewhere	4	250	Mid	1	$53K	
448	Ciao Hall				8	500	Mid	1	$85K	little use
450	Consolidated Club									
446	BEQ2	PCE 3.2 ug/m3 below trigger levels								
442A	Admin II	below trigger levels			8	600	mid	3	$96K	extra cost for restoration, combine system with Admin III
453	Capo Inn	below trigger levels								
457	Medical/Dental Clinic				6	400	Mid	2	$75K	
458	CDC	PCE and naphthalene above ASG trigger levels, IAQ sample within risk levels slightly above ambient			3	200	small	1	$40K	elevated ASG
415	Air Ops	below trigger levels			3	200	small	3	$42K	
407	Public Works									
449	BEQ3	below trigger levels								
442B	Admin III									
401	Supply Warehouse			cracking	12	1200	large	3	$160K	low occupancy, high ceilings, good ventilation
402	Whse/POL/DLA			good	2	200	small	2	$38K	no regular occupants
403	Fire/Security	below trigger levels		minor cracking, minor damage in sec. bldg, false floor in sec. bldg	3	200	small	1	$38K	
404A	Cold Storage			good						
447	Marine GP	below trigger levels								
451	Gym/Pool									
467	E. Guard House									
468	E. Gate									
487	W. Gate				1	50	small	1	$17K	
488A	W. Guard House									
405	Hanger 1 (TB Demoed)									
406	Hangar 2									
412	Air Cargo									
463	Kennel									
459	Water Treatment	s; IAQ not sampled due to building use/lack of occupancy								

Tetra Tech

Facility Number	Facility name	SF	Footprint (approximate)	Use	Slab/ Basement/ Other	Vapor Barrier	Comments	HVAC
2091	NEX	343095	600x500 U	retail, food court, theater, warehouse, post office	slab	yes	high ceiling and open spaces in food court, hallway, theaters and warehouse, high cost floor finishes in places	
2091A	Commissary	90944	350x250	grocery	slab	yes	some high ceiling, open areas	very high turnover
2057	Elementary School	116435	650x150 M		slab	yes	halls down center, drop ceilings	
2058	High School	108038	650x150 M		slab	yes	halls down center, drop ceilings	
2065	CDC	19082	250x80	preschool	slab	yes	halls down center, drop ceilings	
2071	Fire Station	8600	180x50 L	bunkrooms, offices, vehicle storage	slab	yes		
2073	Housing Welcome Center	15792	150x60	offices	slab	yes	carpet and tile, drop ceiling, elevator shaft	
2075	Public Works	10335	130x70	offices, garage, warehouse	slab	yes		
2072	Village Forum East	43715	150x200	community centers	slab	yes	tile, drop ceilings	
2072A	Village Forum Central	13949	110x80	chapel	slab	yes	open space, high ceiling	
2072B	Village Forum West	118268	400x70	retail, restaurant, lodge	slab	yes		
2088	Vet/Thrift Shop	6523	120x60	medical, retail	slab	yes	floor drains	
2090	Bowling	22788	190x130	recreation	slab	yes	open spaces, high ceiling, high cost floor finish	
2089	Fitness/Swimming	70768	320x200	recreation	slab	not shown	open spaces, high ceiling, high cost floor finish	very high turnover
2082	Hospital	189787	300x250	medical	slab	yes		very high turnover
2087	Bachelor Lodge	116716	420x60	residence	basement	not shown	tile floor, pipe racks from ceiling	
2092	Auto Service	6212	120x50	retail, auto bays	slab	yes		
?(typ of 5)	Villas	?	50x50	residence	slab	yes	courtyard in center	
2040 (typ of ~28)	apartments	25319 or 30272	80x70	residence	basement with vents	no	system could include vapor barrier under floor plus enhanced venting	
2048 (typ of ~15)	apartments	13938, 14451, 15777, 14070 or 13254	110x35	residence	basement with vents	no	system could include vapor barrier under floor plus enhanced venting	
2103 (typ of ~37)	apartments	11833, 10553, 10838, 9940, or 10488	110x35	residence	crawlspace	no	confined space access through grates, system could include vapor barrier under floor plus enhanced crawl space venting	
2140 (typ of ~15)	apartments	22704	90x80	residence	crawlspace	no	confined space access through grates, system could include vapor barrier under floor plus enhanced crawl space venting	
2147 (typ of 6)	duplex	2817	50x30	residence	crawlspace	no	confined space access through grates, system could include vapor barrier under floor plus enhanced crawl space venting	
2019 (typ of ~6)	apartments	9695	80x30	residence	basement with vents	no	system could include vapor barrier under floor plus enhanced venting	
2081	POV	1500	60x25	offices, auto bay	slab	yes		
2086	Energy Building	10562	120x70	steam, water production	slab		pipe runs in concrete trenches	
2078	MWR	31282	190x150	offices, warehouse	slab	yes	20' high ceilings, slab raised ~3', open space	
2079	MWR annex	912	60x15	storage, no occupants	slab			
2077	AFN	6295	70x50	offices, studio	slab	yes	partial false floor, elevator shaft	
2074	Housing Maintenance	2401	50x50	offices	slab	yes		
2076	Auto Hobby	8505	150x60	auto bays	slab			

footprint notes: L- L shaped, M-multiple wings, U- nonuniform shape
vapor barrier notes: yes-vapor barrier shown with no description

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Facility Number	Facility name	Indoor Sources	Samples		Slab condition/ Floor Penetration	System Extraction Points	Connecting Pipe (LF)	Blower Size	Stack Height (stories)	Estimated Cost (USD based on US production)	Comments
2091	NEX	numerous in retail setting new furniture, perfumes, ect.			good condition						
2091A	Commissary	numerous cleaning items									
2057	Elementary School		below trigger levels		floor drains	16	1500	Large	2	$190K	
2058	High School		1 ASG sample above PCE trigger levels, IAQ pending		floor drains	16	1500	Large	2	$190K	
2065	CDC		elevated naphthalene,		floor drains	5	300	Mid	1	$62K	
2071	Fire Station	vehicles	below trigger levels		floor drains	3	250	Small	1	$40K	
2073	Housing Welcome Center										
2075	Public Works										
2072	Village Forum East										
2072A	Village Forum Central		initial elevated results, confirmation samples did not confirm								
2072B	Village Forum West										
2088	Vet/Thrift Shop	formaldehyde stored									
2090	Bowling										
2089	Fitness/Swimming										
2082	Hospital	pharmacy, lab, x-ray									
2087	Bachelor Lodge				floor drains	6	500	Mid	5	$77K	
2092	Auto Service	vehicles and cleaners, finishes, ect									
?(typ of 5)	Villas		below trigger levels (2)		floor drains, tile floors	2	100	Small	1	$31K	
2040 (typ of ~28)	apartments		below trigger levels (7 from a variety of residences)		cracking, moisture, possible sumps, wall penetrations						
2048 (typ of ~15)	apartments		below trigger levels		cracking, moisture, possible sumps, wall penetrations						
2103 (typ of ~37)	apartments		below trigger levels		moisture, likely cracking						
2140 (typ of ~15)	apartments		below trigger levels		moisture, likely cracking						
2147 (typ of 6)	duplex		below trigger levels		moisture, likely cracking						
2019 (typ of ~6)	apartments		below trigger leves		cracking, moisture, possible sumps, wall penetrations						
2081	POV	vehicles			floor drains						
2086	Energy Building	fuel oil			multiple level floor						
2078	MWR				good						
2079	MWR annex										
2077	AFN	batteries, electronics									
2074	Housing Maintenance	cleaners			floor drains						
2076	Auto Hobby	vehicles, finishes, many			floor drains						

footprint notes: L- L shaped, M-multipl
vapor barrier notes: yes-vapor barrier s