

Consumer Notice
Semi-Annual Lead and Copper Drinking Water Results
NAS Sigonella Marinai Housing Site

Current Resident,

Naval Air Station Sigonella – Marinai Housing

Unit: All
Sample Date: 8/27/2024
Results Received: 10/18/2024
Notice Date: 10/28/2024

On behalf of NASSIG and the Public Works – Environmental Office, we appreciate your participation in the lead and copper monitoring program as part of a system wide evaluation. This notice reports the lead and copper results from the samples collected on 27 AUG 2024 at the units tested during this sampling round. We are providing the individual results to you below in accordance with U.S. Environmental Protection Agency (E.P.A.) drinking water regulations. Thank you for your support to obtain these samples inside your home and helping us complete the evaluation for the entire community. Units are reported in parts lead per billion parts water (ppb).

NASSIG’s results are in compliance with EPA’s action levels for lead and copper.

#	Sample Location	Sample Collection Date	Lead Result (ppb)	System 90 th % Value (ppb)	Lead Action Level (90 th %, ppb)	Copper Result (ppb)	System 90 th % Value (ppb)	Copper Action Level (90 th %, ppb)
1	2408 - B	27-AUG-24	< 1.0	2.3	15	9.2	17.9	1300
2	2328 - D	27-AUG-24	1.6	2.3	15	11.3	17.9	1300
3	2206 - C	27-AUG-24	1.0	2.3	15	8.3	17.9	1300
4	2222 - A	27-AUG-24	< 1.0	2.3	15	9.4	17.9	1300
5	2309 - A	27-AUG-24	2.6	2.3	15	18.7	17.9	1300
6	2017 - A	27-AUG-24	1.3	2.3	15	14.5	17.9	1300
7	2101 - A	27-AUG-24	1.4	2.3	15	< 5.0	17.9	1300
8	2142 - D	27-AUG-24	< 1.0	2.3	15	14.2	17.9	1300
9	2219 - D	27-AUG-24	< 1.0	2.3	15	5.2	17.9	1300
10	2231 - B	27-AUG-24	< 1.0	2.3	15	11.0	17.9	1300
11	2229 - D	27-AUG-24	< 1.0	2.3	15	< 5.0	17.9	1300
12	2431 - B	27-AUG-24	1.4	2.3	15	11.6	17.9	1300
13	2225 - C	27-AUG-24	< 1.0	2.3	15	10.1	17.9	1300
14	2306 - C	27-AUG-24	2.6	2.3	15	18.7	17.9	1300
15	2402 - B	27-AUG-24	< 1.0	2.3	15	< 5.0	17.9	1300
16	2316 - A	27-AUG-24	2.1	2.3	15	16.0	17.9	1300
17	2322 - B	27-AUG-24	1.1	2.3	15	9.3	17.9	1300
18	2422 - A	27-AUG-24	< 1.0	2.3	15	6.1	17.9	1300
19	2144 - B	27-AUG-24	< 1.0	2.3	15	11.9	17.9	1300
20	2404 - D	27-AUG-24	< 1.0	2.3	15	7.3	17.9	1300
21	2008 - D	27-AUG-24	2.4	2.3	15	32.3	17.9	1300
22	2112 - C	27-AUG-24	< 1.0	2.3	15	< 5.0	17.9	1300
23	2121 - A	27-AUG-24	1.2	2.3	15	7.0	17.9	1300

The Navy collected water samples from twenty three different locations within the Marinai Housing area on 27 AUG 2024 as part of the routine lead and copper monitoring program for the U.S. Naval Air Station Sigonella, Italy - Marinai Housing Water System. All of the water sampling results were below the U.S. Environmental Protection Agency (EPA) and the Environmental Final Governing Standards-Italy (FGS) Action Levels for lead and copper. The values measured are low concentrations of metals in water, and they are consistent with prior semi-annual analytical sampling results.

Frequently Asked Questions

How does Lead get into the Drinking Water? Lead and copper in drinking water usually comes from the corrosion of lead-containing materials such as pipes, solder, and plumbing fixtures and fittings made of metal that may contain lead.

What are the Lead and Copper standards? The required Action Levels (AL), 15 parts per billion (ppb) for lead and 1,300 ppb for copper, have been established by EPA. These are based on contaminant concentrations which, if exceeded, triggers further investigation to identify the source and necessary corrective actions. A water system meets the standard if at least 90 percent of the samples collected (i.e. the 90th percentile value, %) have results below the 15 ppb lead AL and below the 1300 ppb copper AL. If a sample location exceeds an AL, NAS Sigonella would work proactively to address the exceedance and reduce the level. If a sample meets the AL (i.e. does not exceed), then no further action is required at this time. Periodic monitoring for lead and copper levels in the drinking water system will continue.

EPA has also established a Maximum Contaminant Level Goal (MCLG) for lead of zero mg/L. The MCLG, established with a margin of safety, is a non-enforceable goal set at a level at which there is no known or expected risk to health.

Should I be concerned? As indicated by our sampling results, lead is not a serious concern at NASSIG. Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can also cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child may receive lead from the mother's bones, which may affect brain development.

The consumer can reduce their exposure to lead in drinking water at NAS Sigonella and anywhere they travel by taking the following steps:

- Run the cold water 1 to 2 minutes to flush out the water in the faucet body and home plumbing. These are the sources of lead in almost all drinking water from a home tap.
- Drink and cook with cold water only, especially do not use hot water for preparing baby formula.
- Please note that boiling water does not reduce lead levels.

Where can I get more information? For more information on reducing lead exposure around your home and the health effects of lead, visit the EPA's web site at www.epa.gov/lead, or call the National Lead Information Center at 800-424-LEAD.

If you have any health related questions or concerns about lead and copper exposure, you are encouraged to contact your health care provider. If you are a TRICARE beneficiary, contact the appointment desk to schedule an appointment with your primary care provider at 095-56-2273.

If you have any questions regarding your lead and copper sampling results, please contact the Drinking Water Program Manager at 095-86-2463 or 624-2463 (DSN). You can also view additional Water Quality Information and annual Drinking Water Consumer Confidence Reports for NAS Sigonella at:

<https://cnreurafcnt.cnic.navy.mil/Operations-and-Management/Water-Quality-Information/> .