Overview of Testing Results for Lead in Drinking Water and Corrective Actions for Naval Air Station Oceana School Age Child/Youth Center (Building 526)

The Navy is committed to maintaining safe drinking water on its installations. City water supplied to the Navy and the Navy's water distribution system is regularly tested and in compliance with the Safe Drinking Water Act. Because lead exposure is a particular concern for children, and lead may be added to drinking water through the pipes, fittings, solder, and fixtures inside a building, the Environmental Protection Agency (EPA) recommends, but does not mandate, that we test the lead content of drinking water in priority areas such as youth centers (YCs), child development group homes (CDGHs), and child development centers (CDCs). The Navy has adopted the recommendation as policy.

Navy environmental personnel conducted lead testing at the Naval Air Station (NAS) Oceana School Age Child/Youth Center (SAC/YC) Building 526, in accordance with Navy and EPA guidelines. Samples from various locations in the SAC/YC Building 526 were sent to a state-certified laboratory for analysis.

At the SAC/YC Building 526, outlets used for drinking, cooking, and washing were tested. Out of 33 samples collected, zero water outlets tested above the EPA-recommended screening level for lead in drinking water in schools and childcare centers of 15 parts per billion (ppb).

A copy of all test results is enclosed for your information. The test results are presented in two tables:

- Table 1 <u>Summary of Results</u> summarizes the data by category of use (e.g., drinking, cooking, washing).
- Table 2 Summary Statistics summarizes all the data.

A floor plan of the SAC/YC Building 526 has also been included to show the locations of the fixtures.

Table 1 provides a description of each sampling location using three columns; *Category*, *Sampling ID*, and *Outlet Description*. The *Category* column gives information about whether the outlet is used for drinking water (water fountain), cooking (food preparation), or washing (primarily hand-washing or brushing teeth). The *Sample ID* column is the identification used to label each sample bottle. The *Outlet Description* column contains additional information to describe the outlet sampled under each category.

The next set of columns in Table 1 provide *Initial Sampling Results*, and for those locations that exceeded the recommended screening level of 15 ppb the *Re-sampling Results*.

EPA sampling protocol requires water to not be used for between 8 and 18 hours prior to first draw sampling. Therefore, *Initial Sampling Results were from* first draw samples collected early in the morning before the YC opened and before any water was used. The *Initial Sampling*



Results also indicate whether resampling is required and the date that fixtures greater than 15 ppb were secured. None of the sampled outlets exceeded 15 ppb.

If exceedances were detected, the *Re-sampling Results* includes columns for *First Draw* and flushing samples which help determine the source of lead for sampled outlets that exceeded 15 ppb.

To learn more about lead in drinking water in schools and day care centers visit the following EPA website: https://www.epa.gov/dwreginfo/lead-drinking-water-schools-and-child-care-facilities.

To learn more about annual water quality at your home, see the annual water quality report at: https://www.cnic.navy.mil/regions/cnrma/om/environmental_support/water_quality_information.

Another resource on drinking water taste, odor, and color can be found at: https://www.epa.gov/dwstandardsregulations/secondary-drinking-water-standards-guidance-nuisance-chemicals

To answer general questions you may have on the sampling program contact us at (757) 433-3155 or jennifer.hayes@navy.mil.

If you have any health questions or concerns, you are encouraged to contact your health care provider or, if you are a TRICARE beneficiary, use the Region Appointment Center to schedule an appointment with your primary care provider at 1-866-645-4584.

Enclosures:

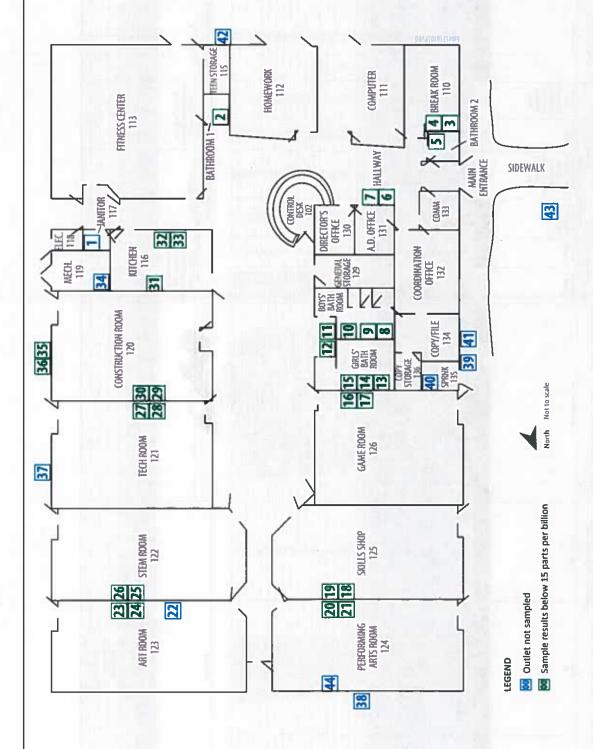
- 1. Complete Test Results
- 2. Floor Plan of the SAC/YC

Priority Areas Lead Testing and Corrective Actions (June 2019) NAS Oceana, SAC/Youth Center, Building 526

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CC 516 MA125 FMCTONB FD 13	WASHING	DC-526-BA1126 HWCDM8 #D	16	Game Reem 326 high hand westing faucet from combination sink	non-detect		PUA.	N/A	NVA	M/A	N/A	N/A	M/A
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CC.518 Bab122-MCCOMB-D 25 STM Adea 122 m **	WASHING	DC-526-RML23-40WCDAIS-4D	23	Art Room 123 har hand watery factor tombourton unk	non-detect	4	96/A	M/A	MA	MA	HVA	NU/A.	NA
CCSSEALITHMOTOLES 27 Tech hope mile buck from combinition and non-confinence from combinence and the NA	WASHING	DC-526 RA122+WCDAR+ED	23	STEM Appen 122 high hand washing fauces from combination pink	non-detect	1	M/A	MA	K.A.	N/W	N/A	N/A	NA.
OC-SSE-MALIZE-INVCDARRED 29 Construction from communication from communication from any number of the control o	WASHING	DC-526-RM111-HWCDARI-FD	2.2	Fech Room 121 Fe hand market found from combination sent	non-detect	1	N/A	MUA	W.A.	MUA.	NO.	4 4 7	TAY AND
	WASHING	DC-S16-RA120-HWCDWR-FD	22	Construction Room 120 her. Nand washing Source from combination smit	non-detect	1	MA	MUM	NA.	N/A	Myn	24.0	e Artu

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Building 526 – Floor Plan NAS Oceana Virginia Beach, Virginia

No.	Type of Fixture	Location Description	Exceeded?
1	Utility sink	Janitor Closet	Not sampled
2	High hand washing faucet with motion sensor	Bathroom 1	No
3	High hand washing faucet from combination sink	Break Room	No
4	Water fountain outlet from combination sink	Break Room	No
5	High hand washing faucet with motion sensor	Bathroom 2	No
6	Water fountain (bubbler)	Hallway	No
7	Water fountain (bubbler)	Hallway	No
8	High hand washing faucet with motion sensor	Boys' Bathroom	No
9	High hand washing faucet with motion sensor	Boys' Bathroom	No
10	High hand washing faucet with motion sensor	Boys' Bathroom	No
11	Water fountain (bubbler)	Hallway	No
12	Water fountain (bubbler)	Hallway	No
13	High hand washing faucet with motion sensor	Girls' Bathroom	No
14	High hand washing faucet with motion sensor	Girls' Bathroom	No
15	High hand washing faucet with motion sensor	Girls' Bathroom	No
16	High hand washing faucet from combination sink	Game Room 126	No
17	Water fountain outlet from combination sink	Game Room 126	No
18	High hand washing faucet from combination sink	Skills Shop 125	No
19	Water fountain outlet from combination sink	Skills Shop 125	No
20	High hand washing faucet from combination sink	Performing Arts Room 124	No
21	Water fountain outlet from combination sink	Performing Arts Room 124	No
22	Utility sink	Art Room 123	Not sampled
23	High hand washing faucet from combination sink	Art Room 123	No
24	Water fountain outlet from combination sink	Art Room 123	No
25	High hand washing faucet from combination sink	STEM Room 122	No
26	Water fountain outlet from combination sink	STEM Room 122	No
27	High hand washing faucet from combination sink	Tech Room 121	No
28	Water fountain outlet from combination sink	Tech Room 121	No
29	High hand washing faucet from combination sink	Construction Room 120	No
30	Water fountain outlet from combination sink	Construction Room 120	No
31	High hand washing faucet with motion sensor	Kitchen 116	No
32	Kitchen sink for dishwashing and food preparation	Kitchen 116	No
33	Kitchen sink for dishwashing and food preparation	Kitchen 116	No
34	Hose bib	Mechanical Room 119	Not sampled
35	Water fountain (bubbler)	Southeast side of Building 526	No
36	Water fountain (bubbler)	Southeast side of Building 526	No
37	Hose bib	Southeast side of Building 526	Not sampled
38	Hose bib	Northeast side of Building 526	Not sampled
39	Hose bib	North side of Building 526	Not sampled
40	Hose bib	Sprinkler Room 135	Not sampled
41	Hose bib	North side of Building 526	Not sampled
42	Hose bib	South side of Building 526	Not sampled
43	Fire hydrant with hose connection	North side of Building 526	Not sampled
44	Prop sink	Performing Arts Room 124	Not sampled

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