

**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 **Summary of Results** 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.html

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

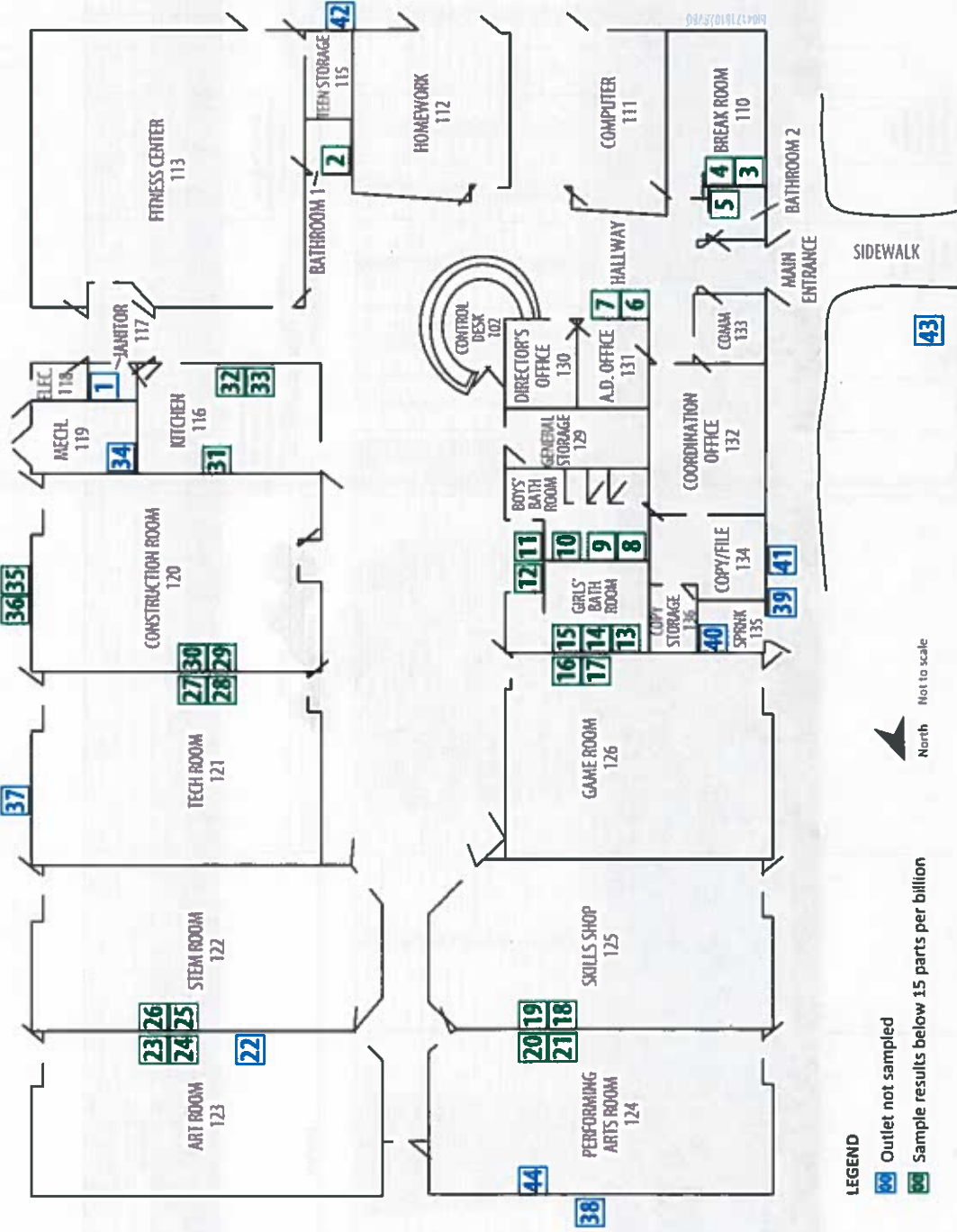
Priority Areas Lead Testing and Corrective Actions (June 2019)
 NAS Oceana, SAC/Youth Center, Building 525

Table 1. Summary of Results

CATEGORY Water Intended For:	SAMPLE ID	SAMPLE LOCATION DESCRIPTION	INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS			POST REMEDIATION SAMPLING RESULTS		
			First Draw (ppb)	Best Result required? (See Item 1)	Water Fountain Secured? (See Item 1)	Recommended Level < 15 ppb	Water Fountain Follow up 15 min. Follow up Flush Sample Collected day before First Draw Sampling (ppb)	First Draw (ppb)	Follow up Flush (ppb)	Second after First Draw Sampling (ppb)	Description	First Draw (ppb) (See Item 2)	Recommended Level < 15 ppb	Follow up Flush (ppb) Collected 30 seconds after First Draw Sampling (ppb)
WASHING	DC-516-00107-WI-COMB-FD	Room 118 water fountain outlet from combination tank	6/18/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00108-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00109-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00110-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00111-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00112-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00113-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00114-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00115-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00116-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00117-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00118-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00119-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00120-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00121-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00122-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00123-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00124-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00125-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00126-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00127-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00128-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00129-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00130-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00131-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00132-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00133-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00134-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00135-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00136-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DC-516-00137-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DC-516-00138-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DC-516-00139-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DC-516-00140-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DC-516-00141-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DC-516-00142-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DC-516-00143-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DC-516-00144-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DC-516-00145-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DC-516-00146-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DC-516-00147-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DC-516-00148-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DC-516-00149-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DC-516-00150-WI-COMB-FD	Room 118 water fountain outlet from combination tank	7/1/2019	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Table 2. Summary of Results

CATEGORY	INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			POST REMEDIATION RESULTS		
	Water Fountain	Recommended Level < 15 ppb	First Draw (ppb)	Water Fountain	Recommended Level < 15 ppb	First Draw (ppb)	Water Fountain	Recommended Level < 15 ppb	First Draw (ppb)
Total Drinking Water (Drinking) - 31 ppb	0	0	0	0	0	0	0	0	0
Total Drinking - 15 ppb	0	0	0	0	0	0	0	0	0
Total Cooling > 15 ppb	0	0	0	0	0	0	0	0	0
Total Washing	0	0	0	0	0	0	0	0	0
Total Washing > 15 ppb	0	0	0	0	0	0	0	0	0
Total Samples > 15 ppb	0	0	0	0	0	0	0	0	0



LEGEND

38 Outlet not sampled

38 Sample results below 15 parts per billion



North
Not to scale

Building 526 – Floor Plan
 NAS Oceana
 Virginia Beach, Virginia



Enclosure (2)

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

