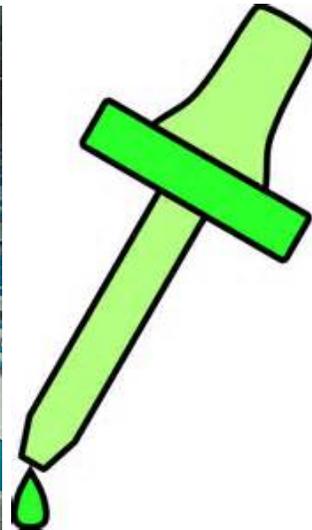


## Testing Results for Lead in Drinking Water for Naval Station Norfolk CDGH - Building A58

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 EPA recommends, but does not mandate, that we test the lead content of drinking water in priority areas such as youth centers (YC), child development centers (CDC), and child development group homes (CDGH).

Navy environmental personnel conducted lead testing at the Naval Station Norfolk CDGH - Building A58 in accordance with Navy and EPA guidelines. Samples from various locations in the CDGH were sent to a state-certified laboratory for analysis.

At the Naval Station Norfolk CDGH - Building A58, outlets used for drinking and cooking, as well as outlets used for hand washing were tested. All six of the outlets tested were within EPA's recommended lead level of 20 ppb. One part per billion is equal to one drop of water in an Olympic-size swimming pool.



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.

**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). The *Sample ID* column is the identifier 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 level of 20 ppb, the *Re-sampling Results*.

EPA sampling protocol recommends that water not be used for between 8 and 18 hours prior to first draw sampling. For 24/7 facilities like the CDGHs, this is not possible since the facilities do not close. Therefore, the *Initial Sampling Results* include a sub-column for *First Draw* samples collected early in the morning before the CDC opened and before any water was used. Additional sub-columns indicate whether *Retesting* is required and the *Date Secured* for fixtures greater than 20 ppb.

The *Re-sampling Results* columns are annotated N/A since all samples at the Naval Station Norfolk CDGH – Building A58 were within EPA recommended levels.

The *Corrective Actions* column describes actions that have been taken to remediate the source of lead. In the event that future fixtures or upstream piping is replaced, there are columns for *Post Remediation Sampling* data that will be documented to confirm that these corrective actions were successful in reducing lead below 20 ppb.

To learn more about lead in drinking water schools and day care centers visit this EPA website at: [http://water.epa.gov/drink/info/lead/schools\\_index.cfm](http://water.epa.gov/drink/info/lead/schools_index.cfm).

To learn more about your home's public water supplier, see their annual water quality report: Norfolk: <http://www.norfolk.gov/index.aspx?nid=657>

Virginia Beach: <http://www.vbgov.com/government/departments/public-utilities/water-quality/Pages/default.aspx>

Chesapeake: [http://www.cityofchesapeake.net/Government/City-Departments/Departments/Public-Utilities-Department/chesapeake-water/water\\_quality.htm](http://www.cityofchesapeake.net/Government/City-Departments/Departments/Public-Utilities-Department/chesapeake-water/water_quality.htm)

Navy Water Quality Reports: [https://navfac.navy.mil/navfac\\_worldwide/atlantic/fecs/mid-atlantic/about\\_us/environmental\\_norfolk/environmental\\_compliance.html](https://navfac.navy.mil/navfac_worldwide/atlantic/fecs/mid-atlantic/about_us/environmental_norfolk/environmental_compliance.html)

To answer any questions you may have on the sampling program contact the Naval Station Norfolk Public Affairs Officer at 757-322-2576. If you have any health questions or concerns, we encourage you to call your health care provider or, if you are a TRICARE beneficiary, contact the Regional Nurse Advice Line (1-800-TRICARE, press option 1) or use the Regional Appointment Center at 1-866-645-4584 to schedule an appointment with your primary care provider.

Priority Areas Lead Testing  
 Naval Station Norfolk 24/7 Child Development Center  
 Building A58

Table 1. Summary of Results

SAMPLING LOCATION DESCRIPTION			INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS	POST REMEDIATION SAMPLING		
CATEGORY Water Intended For:	SAMPLE ID	Outlet Description	Recommended Level = 20ppb							Recommended Level = 20ppb		
			First Draw (ppb)	Retest required?	Date Fixture Secured?	Water Fountain 15 min. Follow up Flush Sample - Collected day before First Draw Sampling (ppb)	First Draw (ppb)	Follow up Flush - Collected 30 seconds after First Draw Sampling (ppb)	Description	First Draw (ppb)	Retest required?	Date Fixture Secured?
SAMPLING DATE			2/15/2013									
RESULTS DATE			3/6/2013									
COOKING	KITCHEN SINK	Kitchen faucet	non-detect	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
WASHING	HALLWAY CT	Hallway Changing Table	1	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
WASHING	INFANT RM CT	Infant Room Changing Table	5	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
WASHING	HALLWAY BATHRM #1	Left Bathroom	non-detect	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
WASHING	HALLWAY BATHRM #2	Middle Bathroom	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A
WASHING	HALLWAY BATHRM #3	Right Bathroom	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A

Note: There are no water fountains at this facility.

Table 2. Summary Statistics

CATEGORY	INITIAL SAMPLING RESULTS	RE-SAMPLING RESULTS			POST REMEDIATION RESULTS
	Recommended Level = 20ppb				
	First Draw (ppb)	Water Fountain Follow up Flush Sample - Collected day before First Draw Sampling (ppb)	First Draw (ppb)	Follow up Flush - Collected 30 seconds after First Draw Sampling (ppb)	First Draw (ppb)
Total Cook/Brush	1	0	0	0	0
Total Cook/Brush > 20 ppb	0	0	0	0	0
Total Washing	5	0	0	0	0
Total Washing > 20 ppb	0	0	0	0	0
Total Samples	6	0	0	0	0
Total Samples > 20 ppb	0	0	0	0	0