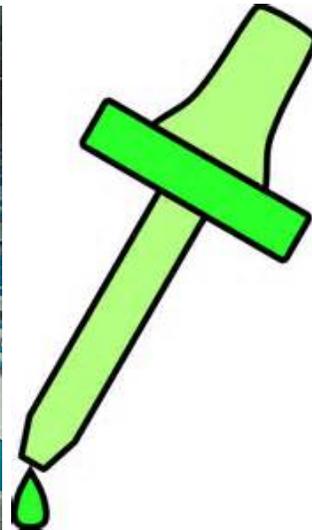


Testing Results for Lead in Drinking Water for Naval Station Norfolk CDC - Building WB200

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 CDC - Building WB200 in accordance with Navy and EPA guidelines. Samples from various locations in the CDC were sent to a state-certified laboratory for analysis.

At the Naval Station Norfolk CDC - Building WB200, outlets used for drinking and cooking, as well as outlets used for hand washing were tested. All 44 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 requires water to not be used for between 8 and 18 hours prior to first draw sampling. 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 WB200 CDC 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.

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

Navy Water Quality Reports: 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 Child Development Center
 Building WB200 (Willoughby)

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							Description	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)	First Draw (ppb)		Retest required?	Date Fixture Secured?
SAMPLING DATE			2/15/2013									
RESULTS DATE			3/6/2013									
DRINKING	RM 129 -WF	WF/SINK COMBO	non-detect	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
DRINKING	HALWAY WF1	LEFT Water Fountain in front	non-detect	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
DRINKING	HALWAY WF2	RIGHT Water Fountain in front	non-detect	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
DRINKING	RM 133 -WF	WF/SINK COMBO	1	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
DRINKING	RM 135 -WF	WF/SINK COMBO	2	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
DRINKING	RM 137 -WF	WF/SINK COMBO	2	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
DRINKING	RM 139 -WF	WF/SINK COMBO	3	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
DRINKING	RM 142 -WF	WF/SINK COMBO	non-detect	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
DRINKING	RM 140 -WF	WF/SINK COMBO	non-detect	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
DRINKING	RM 138 -WF	WF/SINK COMBO	1	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
DRINKING	RM 136 -WF	WF/SINK COMBO	1	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
COOKING	RM 111-Staff Lounge	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
COOKING	RM 143 - KITCHEN DS	Cooking faucet	non-detect	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A	N/A
WASHING	RM 113 -DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A
WASHING	RM 115 -DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A
WASHING	RM 117 -DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A

Priority Areas Lead Testing
 Naval Station Norfolk Child Development Center
 Building WB200 (Willoughby)

SAMPLING LOCATION DESCRIPTION			INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS				CORRECTIVE ACTIONS	POST REMEDIATION SAMPLING		
			Recommended Level = 20ppb						Recommended Level = 20ppb				
CATEGORY Water Intended For:	SAMPLE ID	Outlet Description	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										
WASHING	RM 119 -DEEP SINK	Deep sink w/ counter	1	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 121 -DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 123 -DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 125 -DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 127 -DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 126 -DEEP SINK	Deep sink w/ counter	1	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 124 -DEEP SINK	Deep sink w/ counter	3	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 122 -DEEP SINK	Deep sink w/ counter	4	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 120 -DEEP SINK	Deep sink w/ counter	2	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 118 -DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 116 -DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 114 -ADULT DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 112 - STAFF RESTROOM	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 129 -ADULT DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 129 -LOW SINK	WF/SINK COMBO	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 131 - RESTROOM	Hand Washing Sink	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 132 - RESTROOM	Hand Washing Sink	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 133 -ADULT DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 135 -ADULT DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 137 -ADULT DEEP SINK	Deep sink w/ counter	8	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	
WASHING	RM 139 -ADULT DEEP SINK	Deep sink w/ counter	5	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A	

Priority Areas Lead Testing
 Naval Station Norfolk Child Development Center
 Building WB200 (Willoughby)

SAMPLING LOCATION DESCRIPTION			INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS	POST REMEDIATION SAMPLING		
CATEGORY Water Intended For:	SAMPLE ID	Outlet Description	First Draw (ppb)	Retest required?	Date Fixture Secured?	Recommended Level = 20ppb			Description	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)				
SAMPLING DATE			2/15/2013									
RESULTS DATE			3/6/2013									
WASHING	RM 141 - STAFF RESTROOM	Hand Washing Sink	2	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A
WASHING	RM 143 - KITCHEN HW	Hand Washing Sink	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A
WASHING	RM 142 - ADULT DEEP SINK	Deep sink w/ counter	2	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A
WASHING	RM 140 - ADULT DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A
WASHING	RM 138 - ADULT DEEP SINK	Deep sink w/ counter	2	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A
WASHING	RM 136 - ADULT DEEP SINK	Deep sink w/ counter	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A
WASHING	RM 130 - PUBLIC RESTRM	Hand Washing Sink	non-detect	NO	N/A	N/A	N/A	N/A	Not required	N/A	N/A	N/A

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 Drinking	11	0	0	0	0
Total Drinking > 20 ppb	0	0	0	0	0
Total Cook/Brush	2	0	0	0	0
Total Cook/Brush > 20 ppb	0	0	0	0	0
Total Washing	31	0	0	0	0
Total Washing > 20 ppb	0	0	0	0	0
Total Samples	44	0	0	0	0
Total Samples > 20 ppb	0	0	0	0	0