



## DEPARTMENT OF THE NAVY

PORTSMOUTH NAVAL SHIPYARD  
PORTSMOUTH, NH 03804-5000

IN REPLY REFER TO:

07 AUG 15

Dear Parents, Caregivers and Staff:

I want to make you aware of the latest developments regarding our efforts to minimize potential exposure to lead in drinking water at the Portsmouth Naval Shipyard Child Development Center (CDC) and Youth Center (YC). We are pleased to report that all drinking water outlets at these facilities are now below the EPA-recommended level of 20 parts per billion (ppb).

As presented previously in my letter of March 6, 2015, initial sampling results indicated that three outlets used by the YC contained lead above the EPA-recommended level. Note that these outlets were not in use by school age care children. These sinks were immediately secured by closing the supply valves as we investigated and conducted permanent corrective actions as recommended in the EPA guidance. Corrective actions have been completed at the three YC outlets that exceeded recommended lead levels. Additional samples were then taken confirming that all outlets at both the CDC and YC are below EPA-recommended levels for lead. In addition, the three outdoor outlets at the CDC (two water bubblers and a hose connection) have been tested and were found to be below allowable limits.

Specifically, the following corrective actions were taken to address the elevated lead levels found at the YC:

a. Building H10 Second Floor Women's Bathroom: Replaced sink faucet and shut-off valves and connective piping. Additional water testing results showed corrective actions were successful. No further action needed.

b. Building H10 Basement Level: Replaced kitchen and bathroom sink faucets and shut-off valves/connective piping. Completed additional water testing which indicated the kitchen sink required further corrective action. The bathroom sink met the recommended level but appeared elevated. The supply piping inside the walls for both outlets was replaced. We conducted additional water sampling following these corrective measures, and results confirm that the water from both sinks is now below the EPA-recommended level of 20 ppb for lead. No further action needed.

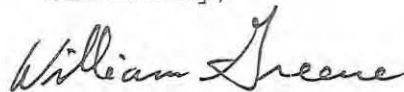
I've enclosed the complete set of test results, which include the list of sampling locations and the purpose of the water outlet (e.g., drinking fountain or sink). As described above, for those locations that exceeded the recommended level on the first test and/or after completion of corrective measures, we conducted subsequent resampling. The enclosure provides details on which outlets required corrective action and the actions taken. For outlets where corrective actions were implemented, the enclosure also shows the results of subsequent sampling to confirm lead levels below 20 ppb. All outlets are now below the EPA-recommended level.

For your information, I am also including links to additional water quality resources.

Please be assured that my team and I will continue to monitor and test water quality at Portsmouth Naval Shipyard Child Development Center and Youth Center to ensure our drinking water complies with EPA regulations. If you have questions or concerns, please bring them to the attention of the staff.

I am committed to the safety and health of all personnel and family members using our facilities and will keep you updated on this issue.

Sincerely,



W. C. GREENE  
Captain, USN  
Shipyard Commander

Enclosures: 1. Complete Test Result  
2. Water Quality Resources List

**Priority Areas Lead Testing and Corrective Actions (June 2015)**  
**Portsmouth Naval Shipyard**  
**Child Development Center (Building 342) and Youth Center (Building H10)**

**Table 1. Summary of Results**

CATEGORY Water Intended For:	SAMPLE ID No.	SAMPLING LOCATION DESCRIPTION Outlet Description	INITIAL SAMPLING RESULTS				RE-SAMPLING & CORRECTIVE ACTIONS RESULTS						
			First Draw (ppb)	Retest required?	Date Fixture Secured? (See Note 1)	First Draw (ppb)	Follow up Flush - Collected 30 seconds after First Draw Sampling (ppb)	CORRECTIVE ACTIONS TAKEN	First Draw (ppb)	Follow up Flush - Collected 30 seconds after First Draw Sampling (ppb)	First Draw (ppb)	Follow up Flush - Collected 30 seconds after First Draw Sampling (ppb)	
													Recommended Level = 20ppb
SAMPLING DATE			1/19/15			2/11/15	2/11/15			4/10/15	4/10/15	6/8/15	6/8/15
RESULTS DATE			1/28/15			2/18/15	2/18/15			4/23/15	4/23/15	6/15/15	6/15/15
<b>BUILDING 342</b>													
WASHING	1	Staff bathroom sink opposite front desk	0.90	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
DRINKING	2	Water fountain (cooler) in hall	Non-detect	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	3	Staff break room sink	4.1	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
FOOD PREP	4	Kitchen sink (white ceramic)	1.9	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
FOOD PREP	5	Kitchen sink - center island	3.6	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
DISHWASHING	6	Kitchen sink - dishwashing area	2.5	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	7	Sunshine room sink (right)	3.0	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	8	Sunshine room sink (left)	6.2	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	9	Seashore room bathroom sink	Non-detect	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	10	Seashore room sink	2.1	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
DRINKING	11	Seashore room bubbler at combination sink	2.4	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	12	Seashore room faucet at combination sink	1.2	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WATERING	13	Outside - hose attachment (sampled 6/8/15)	5.0	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
DRINKING	14	Outside - bubbler near Circus room (sampled 6/8/15)	1.0	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
DRINKING	15	Outside - bubbler near Sunshine room (sampled 6/8/15)	7.3	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	16	Circus room bathroom sink	2.6	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	17	Circus room faucet at combination sink	1.8	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
DRINKING	18	Circus room bubbler at combination sink	1.8	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	19	Rainbow room bathroom sink	1.3	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
DRINKING	20	Rainbow room bubbler at combination sink	2.4	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	21	Rainbow room faucet at combination sink	1.8	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	22	Mother Goose room bathroom sink	1.4	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	23	Mother Goose room sink	1.0	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
WASHING	24	Mother Goose room faucet at combination sink	3.5	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
DRINKING	25	Mother Goose room bubbler at combination sink	9.3	NO	N/A	N/A	N/A	N/A	N/A			N/A	N/A
<b>BUILDING H10</b>													
WASHING	26	YC basement level "Club House" kitchen sink	30	YES	1/28/15	22	2.6	Replace faucet and shut-off valves	5.3	21	2.5	3.8	
WASHING	27	YC basement level "Club House" bathroom sink	22	YES	1/28/15	8.7	1.1	Replace faucet and shut-off valves	17	4.2	5.4	0.96	
WASHING	28	YC boy's bathroom sink	13	NO	N/A	N/A	N/A	N/A			N/A	N/A	
WASHING	29	YC girl's bathroom sink	8.6	NO	N/A	N/A	N/A	N/A			N/A	N/A	
WASHING	30	YC staff area kitchen sink (left)	2.0	NO	N/A	N/A	N/A	N/A			N/A	N/A	
WASHING	31	YC staff area kitchen sink (right)	2.7	NO	N/A	N/A	N/A	N/A			N/A	N/A	
WASHING	32	YC staff bathroom	11	NO	N/A	N/A	N/A	N/A			N/A	N/A	
WASHING	33	Floor 2 women's bathroom sink outside theatre room	43	YES	1/28/15	45	1.4	Replace faucet and shut-off valves	4.5	2.9	N/A	N/A	
WASHING	34	Floor 2 men's bathroom sink outside theatre room	1.9	NO	N/A	N/A	N/A	N/A			N/A	N/A	
DRINKING	35	Floor 2 water fountain (cooler) inside theatre room	9.7	NO	N/A	N/A	N/A	N/A			N/A	N/A	

Notes:  
 \* Affected outlets were immediately secured after receiving verbal communication from the lab on results exceeding the recommended level of 20ppb.

**Table 2. Summary Statistics**

CATEGORY	INITIAL SAMPLING RESULTS		RE-SAMPLING RESULTS		POST REMEDIATION RESULTS
	First Draw	Water Fountain Follow up Flush Sample - Collected day before First Draw Sampling	Recommended Level = 20ppb		First Draw/Follow up Flush
			First Draw (ppb)	Follow up Flush - Collected 30 seconds after First Draw Sampling	
Total Drinking	25	0	0	0	0
Total Drinking > 20 ppb	0	0	0	0	0
Total Food Prep	2	0	0	0	0
Total Food Prep > 20	0	0	0	0	0
Total Washing/Brushing	8	0	0	0	0
Total Washing/Brushing > 20 ppb	3	0	2	1	0
Total Samples	35	0	2	1	0
Total Samples > 20 ppb	3	0	2	1	0

## WATER QUALITY RESOURCES LIST

For more information on our Lead in Priority Area Sampling Program please visit the Commander, Navy Region Mid-Atlantic website:

[http://www.cnmc.navy.mil/regions/cnrma/om/environmental\\_support/water\\_quality\\_information/lead\\_in\\_priority\\_area\\_sampling\\_program.html](http://www.cnmc.navy.mil/regions/cnrma/om/environmental_support/water_quality_information/lead_in_priority_area_sampling_program.html)

To learn more about lead in drinking water in 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:

Kittery, ME: <http://kitterywater.org>

Berwick, ME:

[http://www.berwickmaine.org/index.asp?SEC=8783B20E-38B7-4179-A0F8-A51B44D32726&Type=B\\_BASIC](http://www.berwickmaine.org/index.asp?SEC=8783B20E-38B7-4179-A0F8-A51B44D32726&Type=B_BASIC)

Portsmouth, NH:

<http://cityofportsmouth.com/publicworks/waterqualityreports.htm>

Drinking Water Taste, Odor, and Color:

<http://water.epa.gov/drink/contaminants/secondarystandards.cfm>

<http://www.mass.gov/eea/docs/dep/water/drinking/alpha/a-thru-h/color.doc>