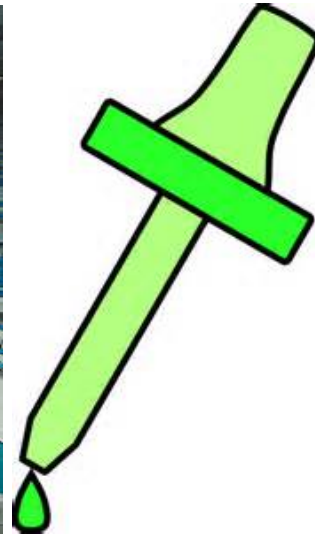


**Overview of Testing Results for Lead in Drinking Water
for
Naval Weapons Station Earle CDC (Building C60)**

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 drinking water may be exposed to lead 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 (YCs), child development group homes (CDGHs) and child development centers (CDCs).

Navy environmental personnel conducted lead testing at the *NWS Earle CDC* 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 *NWS Earle CDC*, outlets used for drinking and cooking, as well as outlets used for hand washing with independent hot and cold controls were tested. **Out of nine (9) samples collected on July 24, 2014, none of them tested above the EPA recommended level** for lead in drinking water in schools and childcare centers of 20 parts per billion (ppb). One part per billion is equal to one drop of water in an Olympic-size swimming pool.



Since all of the outlets sampled were below the EPA recommended level of 20 ppb, no additional samples or remedial action is necessary.

A summary of the test results is enclosed for your information in Table 1. This table 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 identification used for each sample location. 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*. Since none of the samples exceeded the 20 ppb level, these columns are not applicable.

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 the public water supplier, see their annual water quality report: <http://www.amwater.com/ccr/coastalnorth.pdf>

Navy Water Quality Reports:

http://www.cnic.navy.mil/regions/cnrma/om/environmental_support/drinking_water/drinking_water1.html

To answer any questions you may have on the sampling program contact the NWS Earle, Environmental Division Water Quality Manager, Gregg Barkley at 732-866-2216. If you have any health questions or concerns, you are encouraged to call the NWS Earle Preventative Medicine Technician, HM2 Jeffrey Baker at 732-866-2274, or your own personal Health Care Provider.

Priority Areas Lead Testing and Corrective Actions (JULY, 2014)
 Naval Weapons Station Earle - Child Development Center
 Building C60

Table 1. Summary of Results

SAMPLING LOCATION DESCRIPTION			INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS	POST REMEDIATION SAMPLING RESULTS	
CATEGORY Water Intended For:	SAMPLE ID	Outlet Description	First Draw (ppb)	Retest required?	Date Fixture Secured? (See Note 1)	Recommended Level = 20ppb			Description	Recommended Level = 20ppb	
						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) (See note 2)	Follow up Flush - Collected 30 seconds after First Draw Sampling (ppb)
SAMPLING DATE			7/24/2014			mm/dd/yyyy	mm/dd/yyyy	mm/dd/yyyy		mm/dd/yyyy	
RESULTS DATE			7/25/2014			mm/dd/yyyy	mm/dd/yyyy	mm/dd/yyyy		mm/dd/yyyy	
DRINKING	ERL-C60-RM2-WFB	Fountain Outside RM2	<1	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A
DRINKING	ERL-C60-RM3-WFB	Fountain Outside RM3	<1	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A
DRINKING	ERL-C60-RM4-WFB	Fountain Outside RM4	<1	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A
DRINKING	ERL-C60-RM5-WFB	Fountain Outside RM5	6	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A
COOKING/WASHING	ERL-C60-K-K-Island	Kitchen Sink in Island	<1	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A
COOKING/WASHING	ERL-C60-K-K-Window	Kitchen Sink by Window	<1	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A
WASHING	ERL-C60-K-HHW-Door	Sink by Door in Kitchen	9	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A
COOKING/WASHING	ERL-C60-K-K-A	Kitchen 3 Bay Sink Left	7	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A
COOKING/WASHING	ERL-C60-K-K-B	Kitchen 3 Bay Sink Right	<1	NO	N/A	N/A	N/A	N/A	Routine Control Measures Only	N/A	N/A

Notes:

¹ Sample results were less than 20 ppb, therefore it was not necessary to secure the fixture.

² Post-remediation sampling was not necessary since the results were below the recommended level of 20 ppb for all samples collected.