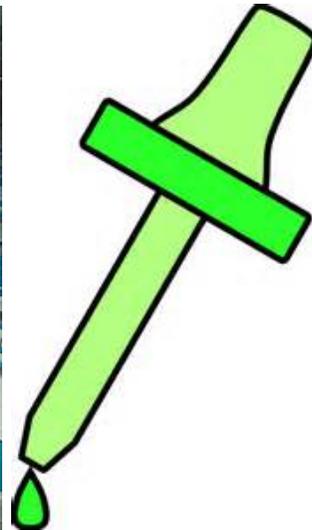


## Testing Results for Lead in Drinking Water for Naval Weapons Station Yorktown – Youth Center – 2101 Von Steuben Drive

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 introduced 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 WPNSTA Yorktown – YC – 2101 Von Steuben Drive 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 WPNSTA Yorktown – YC – 2101 Von Steuben Drive, outlets used for drinking and cooking, as well as outlets used for hand washing were tested. All nine 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*, *Outlet No.*, 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 *Outlet No.* column is the number used to identify each outlet location and

corresponds to the outlet number on the floor plan. 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 YC 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 WPNSTA Yorktown – YC – 2101 Von Steuben Drive 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.

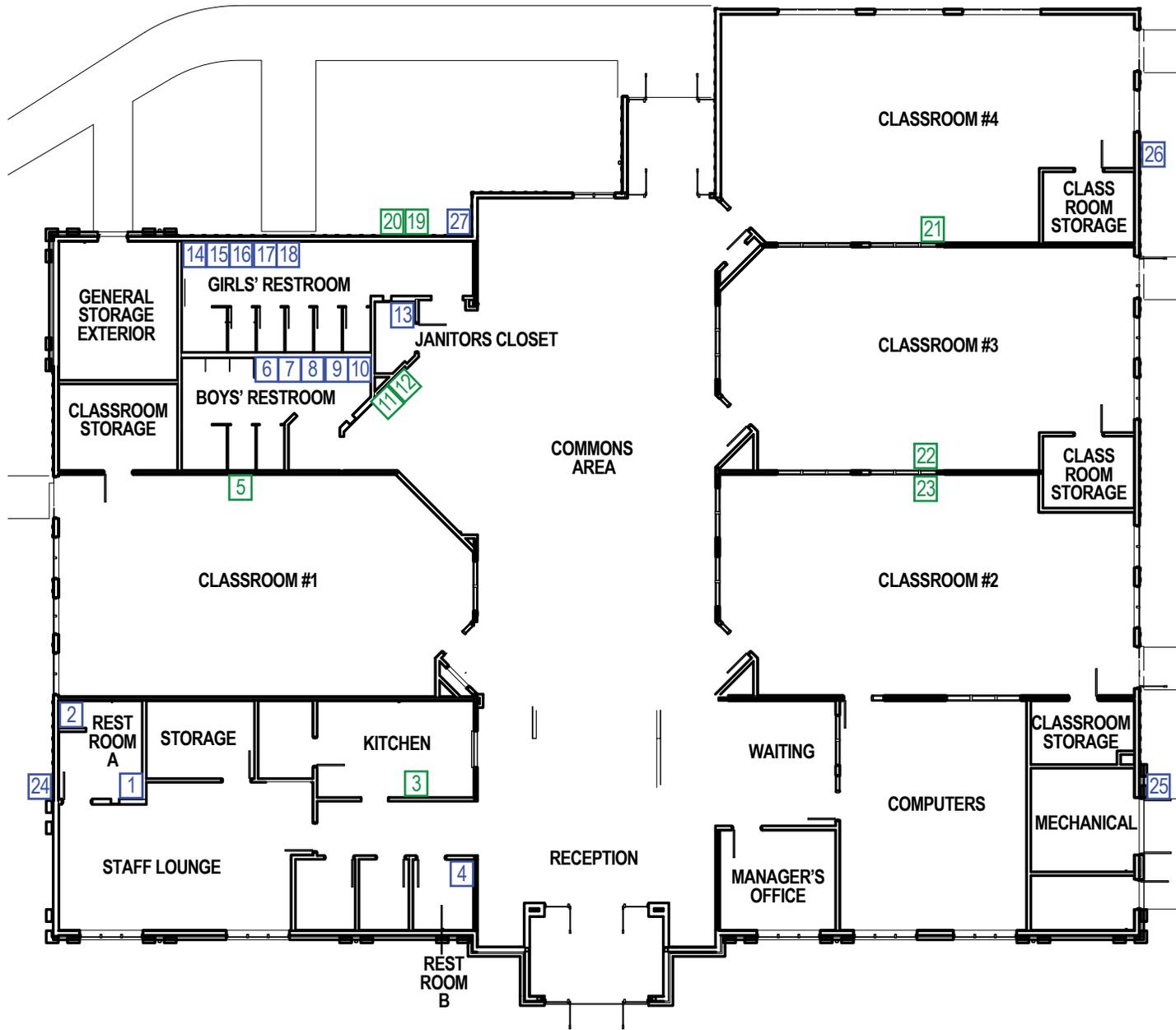
To learn more about lead in drinking water schools and day care centers visit this EPA website at: [http://water.epa.gov/drink/info/lead/schools\\_index.cfm](http://water.epa.gov/drink/info/lead/schools_index.cfm).

To learn more about your home's public water supplier, see their annual water quality report: City of Newport News: <http://www.nngov.com/275/Drinking-Water-Quality>

Navy Water Quality Reports:

[http://www.cnic.navy.mil/regions/cnrma/om/environmental\\_support/water\\_quality\\_information.html](http://www.cnic.navy.mil/regions/cnrma/om/environmental_support/water_quality_information.html)

To answer any questions you may have on the sampling program contact the WPNSTA Yorktown Public Affairs Officer at 757-887-4939. 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.



# Outlet numbers pertaining to the floor plan.  
 Red = Above 20 ppb  
 Green = Below 20 ppb  
 Blue = Not Sampled

Priority Areas Lead Testing and Corrective Actions (January 2015)  
NWS Yorktown, SAC/YC, 2101 Von-Steuben Drive

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 NO.	Outlet Description	First Draw (ppb)	Retest required?	Date Fixture Secured?	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)	Follow up Flush - Collected 30 seconds after First Draw Sampling (ppb)
SAMPLING DATE			1/23/2015								
RESULTS DATE			1/28/2015								
DRINKING	11	Hallway water fountain (cooler)	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DRINKING	12	Hallway water fountain (cooler)	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DRINKING	19	Outside water fountain (bubbler)	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DRINKING	20	Outside water fountain (bubbler)	2*	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
COOKING	3	Kitchen sink for dishwashing, food preparation	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	5	Classroom 1 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	21	Classroom 4 high hand washing faucet	4	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	22	Classroom 3 high hand washing faucet	1	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	23	Classroom 2 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\*This outlet was sampled on 6/30/2015 after repairs to the fountain were complete.

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	First Draw (ppb)	Follow up Flush - Collected 30 seconds after First Draw Sampling	First Draw
Total Drinking	4	0	0	0	0
Total Drinking > 20 ppb	0	0	0	0	0
Total Cooking	1	0	0	0	0
Total Cooking > 20 ppb	0	0	0	0	0
Total Washing	4	0	0	0	0
Total Washing > 20 ppb	0	0	0	0	0
Total Samples	9	0	0	0	0
Total Samples > 20 ppb	0	0	0	0	0

No.	Type of Fixture	Location Description	Sampled?	Exceeded?
1	High hand washing faucet with motion sensor – not for drinking	Restroom A	No	N/A
2	Shower head – not for drinking	Restroom A	No	N/A
3	Kitchen sink for dishwashing, food preparation	Kitchen	Yes	No
4	High hand washing faucet with motion sensor – not for drinking	Restroom B	No	N/A
5	High hand washing faucet	Classroom 1	Yes	No
6	High hand washing faucet with motion sensor – not for drinking	Boys' Restroom	No	N/A
7	High hand washing faucet with motion sensor – not for drinking	Boys' Restroom	No	N/A
8	High hand washing faucet with motion sensor – not for drinking	Boys' Restroom	No	N/A
9	High hand washing faucet with motion sensor – not for drinking	Boys' Restroom	No	N/A
10	High hand washing faucet with motion sensor – not for drinking	Boys' Restroom	No	N/A
11	Water fountain (cooler)	Hallway	Yes	No
12	Water fountain (cooler)	Hallway	Yes	No
13	Utility sink – not for drinking	Janitor's Closer	No	N/A
14	High hand washing faucet with motion sensor – not for drinking	Girls' Restroom	No	N/A
15	High hand washing faucet with motion sensor – not for drinking	Girls' Restroom	No	N/A
16	High hand washing faucet with motion sensor – not for drinking	Girls' Restroom	No	N/A
17	High hand washing faucet with motion sensor – not for drinking	Girls' Restroom	No	N/A
18	High hand washing faucet with motion sensor – not for drinking	Girls' Restroom	No	N/A
19	Water fountain (bubbler)	Outside of Building 2101	Yes	No
20	Water fountain (bubbler)	Outside of Building 2101	Yes	No
21	High hand washing faucet	Classroom 4	Yes	No
22	High hand washing faucet	Classroom 3	Yes	No
23	High hand washing faucet	Classroom 2	Yes	No
24	Hose outlet – not for drinking	Outside of Building 2101	No	N/A
25	Hose outlet – not for drinking	Outside of Building 2101	No	N/A
26	Hose outlet – not for drinking	Outside of Building 2101	No	N/A
27	Hose outlet – not for drinking	Outside of Building 2101	No	N/A

# Outlet numbers pertaining to the floor plan.

Red = Above 20 ppb

Green = Below 20 ppb

Blue = Not Sampled