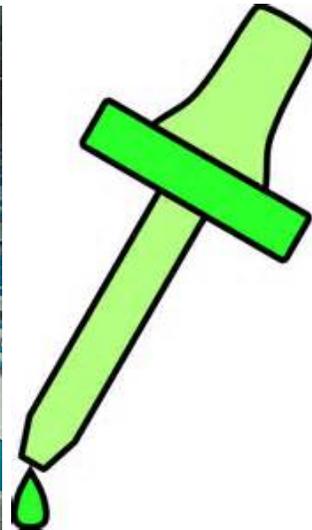


## Testing Results for Lead in Drinking Water for Naval Weapons Station Yorktown – Child Development Center – 2094 Von Steuben Drive

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 – CDC – 2094 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 – CDC – 2094 Von Steuben Drive, outlets used for drinking and cooking, as well as outlets used for hand washing were tested. All 30 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 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 WPNSTA Yorktown – CDC – 2094 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)

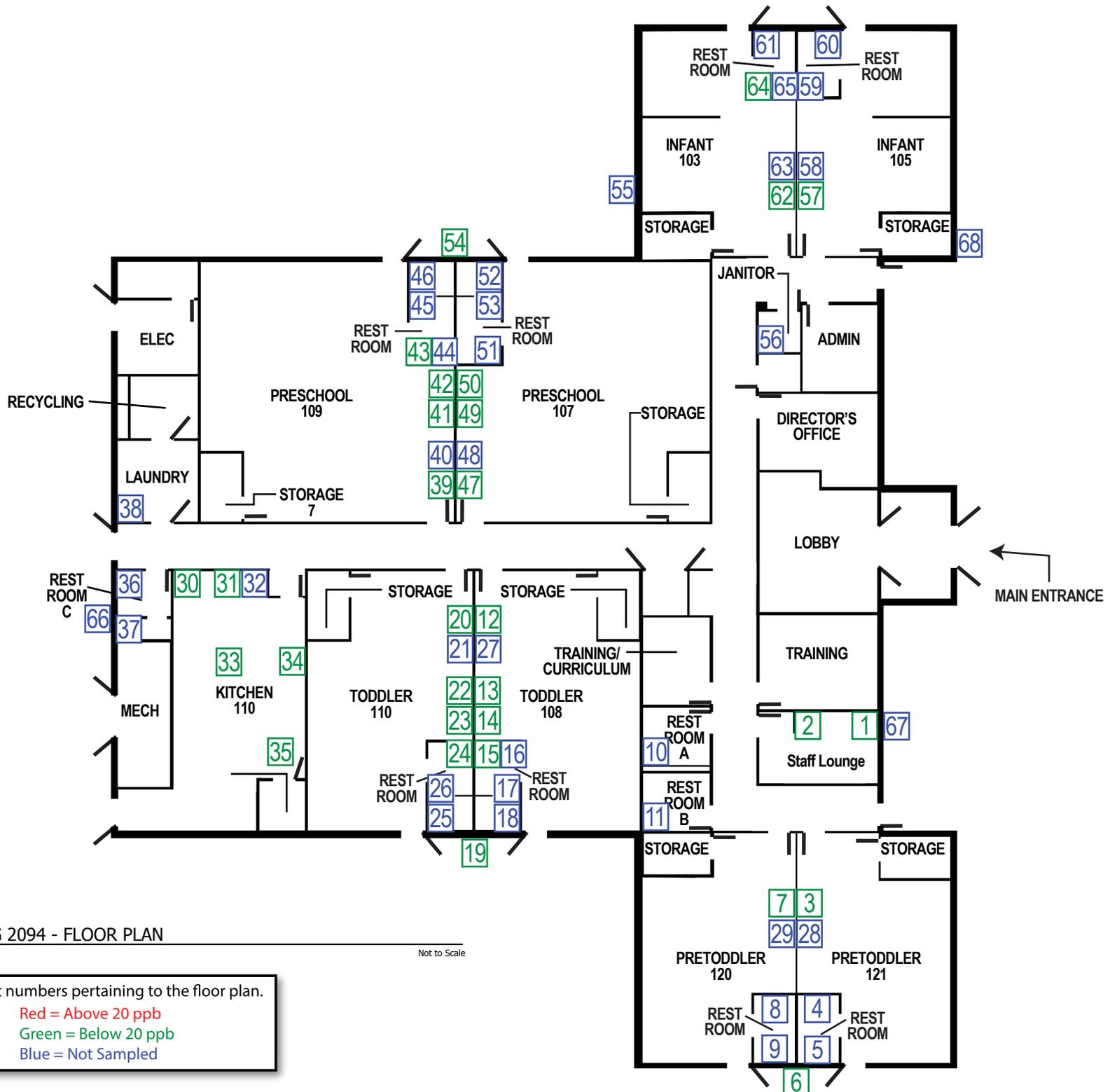
To answer any questions you may have on the sampling program contact the WPNSTA Yorktown Public Affairs Officer at 757-887-4939. If you have any health questions or concerns, we encourage you to call your health care provider or, if you are a TRICARE beneficiary, contact the Regional Nurse Advice Line (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.



Priority Areas Lead Testing and Corrective Actions (January 2015)  
 NWS Yorktown, CDC, 2094 Von-Steuben Drive

Table 2. Summary Statistics

CATEGORY	INITIAL SAMPLING RESULTS	RE-SAMPLING RESULTS			POST REMEDIATION RESULTS
	First Draw	Recommended Level = 20ppb			
		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	8	0	0	0	0
Total Drinking > 20 ppb	0	0	0	0	0
Total Cooking	5	0	0	0	0
Total Cooking > 20 ppb	0	0	0	0	0
Total Washing/Brushing	17	0	0	0	0
Total Washing/Brushing > 20 ppb	0	0	0	0	0
Total Samples	30	0	0	0	0
Total Samples > 20 ppb	0	0	0	0	0



1 BUILDING 2094 - FLOOR PLAN

Not to Scale

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

No.	Type of Fixture	Location Description	Sampled?	Exceeded?
1	Kitchen sink for dishwashing and food preparation	Staff Lounge	Yes	No
2	Combined ice maker and water dispenser in refrigerator (ice outlet)	Staff Lounge	Yes	No
3	High hand washing faucet used for teeth brushing	Pretoddler Room 121	Yes	No
4	High hand washing faucet with motion sensor – not for drinking	Pretoddler Room 121	No	N/A
5	Low hand washing faucet with motion sensor – not for drinking	Pretoddler Room 121	No	N/A
6	Water fountain (bubbler)	Outside of Pretoddler Rooms 120 and 121	Yes	No
7	High hand washing faucet used for teeth brushing	Pretoddler Room 120	Yes	No
8	High hand washing faucet with motion sensor – not for drinking	Pretoddler Room 120	No	N/A
9	Low hand washing faucet with motion sensor – not for drinking	Pretoddler Room 120	No	N/A
10	High hand washing faucet with motion sensor – not for drinking	Restroom A	No	N/A
11	High hand washing faucet with motion sensor – not for drinking	Restroom B	No	N/A
12	High hand washing faucet	Toddler Room 108	Yes	No
13	Low hand washing outlet from combination sink	Toddler Room 108	Yes	No
14	Water fountain outlet from combination sink	Toddler Room 108	Yes	No
15	High hand washing faucet	Toddler Room 108	Yes	No
16	Sprayer attached to high hand washing faucet – not for drinking	Toddler Room 108	No	N/A
17	Low hand washing faucet with motion sensor – not for drinking	Toddler Room 108	No	N/A
18	Low hand washing faucet with motion sensor – not for drinking	Toddler Room 108	No	N/A
19	Water fountain (bubbler)	Outside of Toddler Rooms 108 and 110	Yes	No
20	High hand washing faucet	Toddler Room 110	Yes	No
21	Sprayer attached to high hand washing faucet – not for drinking	Toddler Room 110	No	N/A
22	Low hand washing outlet from combination sink	Toddler Room 110	Yes	No
23	Water fountain outlet from combination sink	Toddler Room 110	Yes	No
24	High hand washing faucet	Toddler Room 110	Yes	No
25	Low hand washing faucet with motion sensor – not for drinking	Toddler Room 110	No	N/A
26	Low hand washing faucet with motion sensor – not for drinking	Toddler Room 110	No	N/A
27	Sprayer attached to high hand washing faucet – not for drinking	Toddler Room 108	No	N/A
28	Sprayer attached to high hand washing faucet – not for drinking	Pretoddler Room 121	No	N/A
29	Sprayer attached to high hand washing faucet – not for drinking	Pretoddler Room 120	No	N/A
30	Kitchen sink for dishwashing and food preparation	Kitchen 111	Yes	No
31	Kitchen sink for dishwashing and food preparation	Kitchen 111	Yes	No
32	Dishwashing sprayer – not for drinking	Kitchen 111	No	N/A
33	Kitchen sink for dishwashing and food preparation	Kitchen 111	Yes	No
34	High hand washing faucet	Kitchen 111	Yes	No
35	Kitchen sink for dishwashing and food preparation	Kitchen 111	Yes	No
36	High hand washing faucet with motion sensor – not for drinking	Restroom C	No	N/A
37	Shower head – not for drinking	Restroom C	No	N/A
38	Utility sink – not for drinking	Laundry Room	No	N/A
39	High hand washing faucet	Preschool Room 109	Yes	No
40	Sprayer attached to high hand washing faucet – not for drinking	Preschool Room 109	No	N/A

# Outlet numbers pertaining to the floor plan.

Red = Above 20 ppb

Green = Below 20 ppb

Blue = Not Sampled

No.	Type of Fixture	Location Description	Sampled?	Exceeded?
41	Low hand washing outlet from combination sink	Preschool Room 109	Yes	No
42	Water fountain outlet from combination sink	Preschool Room 109	Yes	No
43	High hand washing faucet	Preschool Room 109	Yes	No
44	Sprayer attached to high hand washing faucet – not for drinking	Preschool Room 109	No	N/A
45	Low hand washing faucet with motion sensor – not for drinking	Preschool Room 109	No	N/A
46	Low hand washing faucet with motion sensor – not for drinking	Preschool Room 109	No	N/A
47	High hand washing faucet	Preschool Room 107	Yes	No
48	Sprayer attached to high hand washing faucet – not for drinking	Preschool Room 107	No	N/A
49	Low hand washing outlet from combination sink	Preschool Room 107	Yes	No
50	Water fountain outlet from combination sink	Preschool Room 107	Yes	No
51	High hand washing faucet with motion sensor – not for drinking	Preschool Room 107	No	N/A
52	Low hand washing faucet with motion sensor – not for drinking	Preschool Room 107	No	N/A
53	Low hand washing faucet with motion sensor – not for drinking	Preschool Room 107	No	N/A
54	Water fountain (bubbler)	Outside of Preschool Rooms 107 and 109	Yes	No
55	Hose outlet – not for drinking	Outside of Infant Room 103	No	N/A
56	Utility sink – not for drinking	Janitor Room	No	N/A
57	High hand washing faucet	Infant Room 105	Yes	No
58	Sprayer attached to high hand washing faucet – not for drinking	Infant Room 105	No	N/A
59	High hand washing faucet with motion sensor – not for drinking	Infant Room 105	No	N/A
60	Low hand washing faucet with motion sensor – not for drinking	Infant Room 105	No	N/A
61	Low hand washing faucet with motion sensor – not for drinking	Infant Room 103	No	N/A
62	High hand washing faucet	Infant Room 103	Yes	No
63	Sprayer attached to high hand washing faucet – not for drinking	Infant Room 103	No	N/A
64	High hand washing faucet	Infant Room 103	Yes	No
65	Sprayer attached to high hand washing faucet – not for drinking	Infant Room 103	No	N/A
66	Hose outlet – not for drinking	Outside of Building 2094	No	N/A
67	Hose outlet – not for drinking	Outside of Building 2094	No	N/A
68	Hose outlet – not for drinking	Outside of Building 2094	No	N/A

# Outlet numbers pertaining to the floor plan.

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