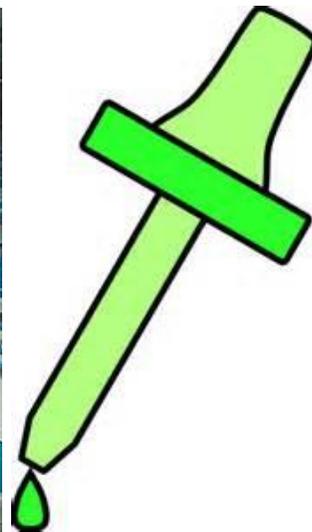


Testing Results for Lead in Drinking Water for Naval Air Station Oceana – Child Development Center – Building 450

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 NAS Oceana – CDC – Building 450 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 NAS Oceana – CDC – Building 450, outlets used for drinking and cooking, as well as outlets used for hand washing were tested. All 60 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 NAS Oceana – CDC – Building 450 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: Virginia Beach: <http://www.vbgov.com/government/departments/public-utilities/water-quality/Pages/default.aspx>

Navy Water Quality Reports:
http://www.cnic.navy.mil/regions/cnrma/om/environmental_support/water_quality_information.html

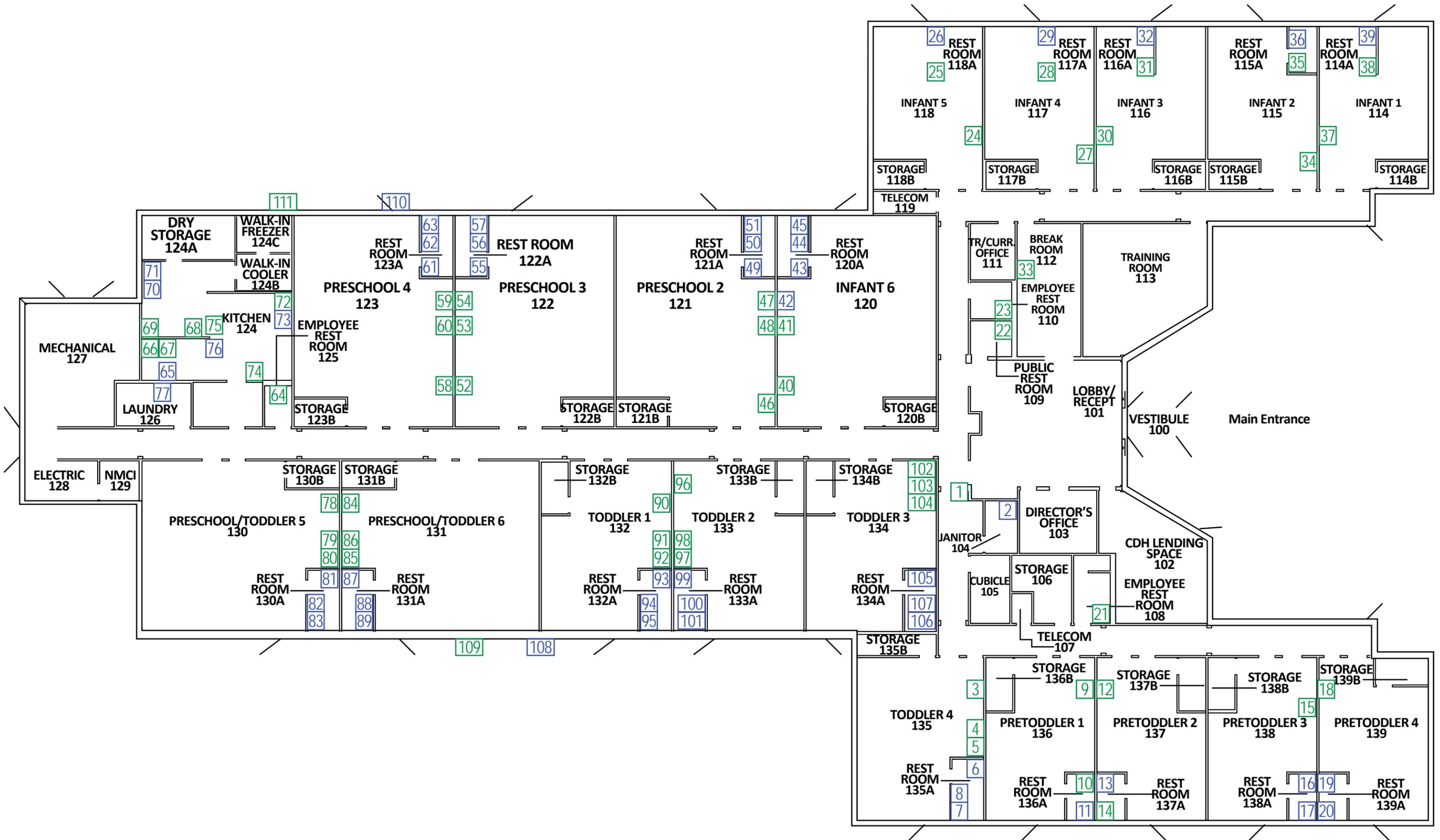
To answer any questions you may have on the sampling program contact the NAS Oceana Public Affairs Officer at 757-433-3155. If you have any health questions or concerns, we encourage you to call your health care provider or, if you are a TRICARE beneficiary, contact the Regional Nurse Advice Line (1-800-TRICARE, 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 (November 2014)
 NAS Oceana, CDC, Building 450

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	First Draw (ppb) (See note 2)
						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			11/14/2014			N/A	N/A	N/A			N/A
RESULTS DATE			11/24/2014			N/A	N/A	N/A			N/A
WASHING	40	Room 120 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	41	Room 120 low hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	46	Room 121 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	52	Room 122 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	58	Room 123 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	64	Restroom 125 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	68	Room 124 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	74	Room 124 high hand washing faucet	14	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	78	Room 130 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	84	Room 131 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	90	Room 132 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	96	Room 133 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WASHING	102	Room 134 high hand washing faucet	non-detect	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 2. Summary Statistics

CATEGORY	INITIAL SAMPLING RESULTS		RE-SAMPLING RESULTS		POST REMEDIATION RESULTS
	Recommended Level = 20ppb		Recommended Level = 20ppb		
	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	13	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	42	0	0	0	0
Total Washing/Brushing > 20 ppb	0	0	0	0	0
Total Samples	60	0	0	0	0
Total Samples > 20 ppb	0	0	0	0	0



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	Water fountain (cooler)	Hallway	Yes	No
2	Utility sink – not for drinking	Janitor Room 104	No	N/A
3	High hand washing faucet	Toddler Room 135	Yes	No
4	Low hand washing and teeth brushing outlet from combination sink	Toddler Room 135	Yes	No
5	Water fountain outlet from combination sink	Toddler Room 135	Yes	No
6	High hand washing faucet with motion sensor – not for drinking	Toddler Room 135	No	N/A
7	Low hand washing faucet with motion sensor – not for drinking	Toddler Room 135	No	N/A
8	Low hand washing faucet with motion sensor – not for drinking	Toddler Room 135	No	N/A
9	High hand washing faucet for teeth brushing	Pretoddler Room 136	Yes	No
10	High hand washing faucet	Pretoddler Room 136	Yes	No
11	Low hand washing faucet with motion sensor – not for drinking	Pretoddler Room 136	No	N/A
12	High hand washing faucet for teeth brushing	Pretoddler Room 137	Yes	No
13	High hand washing faucet with motion sensor – not for drinking	Pretoddler Room 137	No	N/A
14	Low hand washing faucet	Pretoddler Room 137	Yes	No
15	High hand washing faucet for teeth brushing	Pretoddler Room 138	Yes	No
16	High hand washing faucet with motion sensor – not for drinking	Pretoddler Room 138	No	N/A
17	Low hand washing faucet with motion sensor – not for drinking	Pretoddler Room 138	No	N/A
18	High hand washing faucet for teeth brushing	Pretoddler Room 139	Yes	No
19	High hand washing faucet with motion sensor – not for drinking	Pretoddler Room 139	No	N/A
20	Low hand washing faucet with motion sensor – not for drinking	Pretoddler Room 139	No	N/A
21	High hand washing faucet	Restroom 108	Yes	No
22	High hand washing faucet	Restroom 109	Yes	No
23	High hand washing faucet	Restroom 110	Yes	No
24	High hand washing faucet	Infant Room 118	Yes	No
25	High hand washing faucet	Infant Room 118	Yes	No
26	Low hand washing faucet with motion sensor – not for drinking	Infant Room 118	No	N/A
27	High hand washing faucet	Infant Room 117	Yes	No
28	High hand washing faucet	Infant Room 117	Yes	No
29	Low hand washing faucet with motion sensor – not for drinking	Infant Room 117	No	N/A
30	High hand washing faucet	Infant Room 116	Yes	No
31	High hand washing faucet	Infant Room 116	Yes	No
32	Low hand washing faucet with motion sensor – not for drinking	Infant Room 116	No	N/A
33	Kitchen sink for dishwashing, food	Staff Lounge 112	Yes	No
34	High hand washing faucet	Infant Room 115	Yes	No
35	High hand washing faucet	Infant Room 115	Yes	No
36	Low hand washing faucet with motion sensor – not for drinking	Infant Room 115	No	N/A
37	High hand washing faucet	Infant Room 114	Yes	No
38	High hand washing faucet	Infant Room 114	Yes	No
39	Low hand washing faucet with motion sensor – not for drinking	Infant Room 114	No	N/A
40	High hand washing faucet	Infant Room 120	Yes	No
41	Low hand washing faucet	Infant Room 120	Yes	No
42	High hand washing faucet with motion sensor – not for drinking	Infant Room 120	No	N/A
43	High hand washing faucet with motion sensor – not for drinking	Infant Room 120	No	N/A
44	Low hand washing faucet with motion sensor – not for drinking	Infant Room 120	No	N/A
45	Low hand washing faucet with motion sensor – not for drinking	Infant Room 120	No	N/A
46	High hand washing faucet	Preschool Room 121	Yes	No
47	Low hand washing and teeth brushing outlet from combination sink	Preschool Room 121	Yes	No
48	Water fountain outlet from combination sink	Preschool Room 121	Yes	No
49	High hand washing faucet with motion sensor – not for drinking	Preschool Room 121	No	N/A
50	Low hand washing faucet with motion sensor – not for drinking	Preschool Room 121	No	N/A
51	Low hand washing faucet with motion sensor – not for drinking	Preschool Room 121	No	N/A
52	High hand washing faucet	Preschool Room 122	Yes	No
53	Low hand washing and teeth brushing outlet from combination sink	Preschool Room 122	Yes	No
54	Water fountain outlet from combination sink	Preschool Room 122	Yes	No
55	High hand washing faucet with motion sensor – not for drinking	Preschool Room 122	No	N/A

Outlet numbers pertaining to the floor plan.

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No.	Type of Fixture	Location Description	Sampled?	Exceeded?
56	Low hand washing faucet with motion sensor – not for drinking	Preschool Room 122	No	N/A
57	Low hand washing faucet with motion sensor – not for drinking	Preschool Room 122	No	N/A
58	High hand washing faucet	Preschool Room 123	Yes	No
59	Low hand washing and teeth brushing outlet from combination sink	Preschool Room 123	Yes	No
60	Water fountain outlet from combination sink	Preschool Room 123	Yes	No
61	High hand washing faucet with motion sensor – not for drinking	Preschool Room 123	No	N/A
62	Low hand washing faucet with motion sensor – not for drinking	Preschool Room 123	No	N/A
63	Low hand washing faucet with motion sensor – not for drinking	Preschool Room 123	No	N/A
64	High hand washing faucet	Restroom 125	Yes	No
65	Dishwasher sprayer – not for drinking	Kitchen 124	No	N/A
66	Kitchen sink for dishwashing, food prep	Kitchen 124	Yes	No
67	Kitchen sink for dishwashing, food prep	Kitchen 124	Yes	No
68	High hand washing faucet	Kitchen 124	Yes	No
69	Kitchen sink for dishwashing, food prep	Kitchen 124	Yes	No
70	Dishwasher sprayer – not for drinking	Kitchen 124	No	N/A
71	Utility sink – not for drinking	Kitchen 124	No	N/A
72	Kitchen sink for dishwashing, food prep	Kitchen 124	Yes	No
73	Dishwasher sprayer – not for drinking	Kitchen 124	No	N/A
74	High hand washing faucet	Kitchen 124	Yes	No
75	Ice maker	Kitchen 124	Yes	No
76	Dishwasher sprayer – not for drinking	Kitchen 124	No	N/A
77	Utility sink – not for drinking	Laundry Room 126	No	N/A
78	High hand washing faucet	Preschool/Toddler Room 130	Yes	No
79	Low hand washing and teeth brushing outlet from combination sink	Preschool/Toddler Room 130	Yes	No
80	Water fountain outlet from combination sink	Preschool/Toddler Room 130	Yes	No
81	High hand washing faucet with motion sensor – not for drinking	Preschool/Toddler Room 130	No	N/A
82	Low hand washing faucet with motion sensor – not for drinking	Preschool/Toddler Room 130	No	N/A
83	Low hand washing faucet with motion sensor – not for drinking	Preschool/Toddler Room 130	No	N/A
84	High hand washing faucet	Preschool/Toddler Room 131	Yes	No
85	Low hand washing and teeth brushing outlet from combination sink	Preschool/Toddler Room 131	Yes	No
86	Water fountain outlet from combination sink	Preschool/Toddler Room 131	Yes	No
87	High hand washing faucet with motion sensor – not for drinking	Preschool/Toddler Room 131	No	N/A
88	Low hand washing faucet with motion sensor – not for drinking	Preschool/Toddler Room 131	No	N/A
89	Low hand washing faucet with motion sensor – not for drinking	Preschool/Toddler Room 131	No	N/A
90	High hand washing faucet	Toddler Room 132	Yes	No
91	Low hand washing and teeth brushing outlet from combination sink	Toddler Room 132	Yes	No
92	Water fountain outlet from combination sink	Toddler Room 132	Yes	No
93	High hand washing faucet with motion sensor – not for drinking	Toddler Room 132	No	N/A
94	Low hand washing faucet with motion sensor – not for drinking	Toddler Room 132	No	N/A
95	Low hand washing faucet with motion sensor – not for drinking	Toddler Room 132	No	N/A
96	High hand washing faucet	Toddler Room 133	Yes	No
97	Low hand washing and teeth brushing outlet from combination sink	Toddler Room 133	Yes	No
98	Water fountain outlet from combination sink	Toddler Room 133	Yes	No
99	High hand washing faucet with motion sensor – not for drinking	Toddler Room 133	No	N/A
100	Low hand washing faucet with motion sensor – not for drinking	Toddler Room 133	No	N/A
101	Low hand washing faucet with motion sensor – not for drinking	Toddler Room 133	No	N/A
102	High hand washing faucet	Toddler Room 134	Yes	No
103	Low hand washing and teeth brushing outlet from combination sink	Toddler Room 134	Yes	No
104	Water fountain outlet from combination sink	Toddler Room 134	Yes	No
105	High hand washing faucet with motion sensor – not for drinking	Toddler Room 134	No	N/A
106	Low hand washing faucet with motion sensor – not for drinking	Toddler Room 134	No	N/A
107	Low hand washing faucet with motion sensor – not for drinking	Toddler Room 134	No	N/A
108	Hose outlet – not for drinking	Outside	No	N/A
109	Water fountain (bubbler)	Outside	Yes	No
110	Hose outlet – not for drinking	Outside	No	N/A
111	Water fountain (bubbler)	Outside	Yes	No

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