



DEPARTMENT OF THE NAVY
NAVAL SUPPORT ACTIVITY ANNAPOLIS
58 BENNING ROAD
ANNAPOLIS, MD 21402

5090
PWD-ENVIRO/119
January 13, 2015

Dear Parents and Staff:

Subj: CHILD CARE FACILITY WATER TESTING POLICY AND RESULTS

Earlier this year, the Navy issued a policy requiring drinking water to be tested for lead content every five years at youth program sites, schools, and child care facilities. The new policy aligns with U.S. Environmental Protection Agency (EPA) sampling recommendations. As a result, we recently tested all water outlets that could potentially be used for cooking or drinking at our new and old Child Development Centers (CDC), new and old Youth Centers, and at the Naval Academy Primary School (NAPS).

A total of 126 water outlets were tested for lead in accordance with established sampling protocols. Laboratory results indicated that 5 of the 126 outlets contained equal to or higher than 20 parts per billion (ppb) of lead, which is the level at which supplementary actions are deemed prudent by the EPA. Enclosure (1) summarizes the sample locations and laboratory results for the 5 water outlets. It is noteworthy that none of these 5 outlets is typically used to provide water for purposes of human consumption.

As an immediate corrective action, we secured and replaced the outlets at these 5 locations with new fixtures. Additionally, we elected to replace 8 other water outlets – for a total of 13 replacements – which screened below EPA lead guidelines but showed slightly elevated lead levels when compared to the total population of 126 water outlets. Then we followed up with a second round of water sampling and laboratory analyses.

The second round of sampling resulted in 5 of 13 outlets testing equal to or higher than 20 ppb of lead prior to flushing. However, none of the outlets reached the EPA's lead action level of 20 ppb after the outlet had been flushed for at least 30 seconds. Enclosure (1) summarizes the sample locations and laboratory results for these 5 water outlets. It is once again noteworthy that all of these 5 outlets were outdoor spigots, none of which is typically utilized for drinking, cooking, or other means of consumption.

Results from the second round of sampling indicated that lead detected in these 5 outdoor spigots does not result from the installation's drinking water distribution system or from the buildings' water piping. Rather, it results from lead being used as a component within the spigots themselves by the spigot manufacturer. As you may know, the EPA does not require outdoor spigots to be manufactured lead-free since they are not routinely used for water consumption.

These 5 outdoor spigots remain secured (disabled). In the near-term, we will equip each of these spigots with a locking device to prevent unauthorized access. Only trained personnel with a key will be authorized access to these spigots. We will also attach signage to the spigots indicating their water is not intended for human consumption.

In summary, all potable water outlets typically used for drinking or cooking water were and continue to be below the EPA screening level for lead. Further, in accordance with new Navy policy, we

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will continue to test for lead levels in the water at the CDCs, Youth Center, and NAPS every five years or whenever an outlet is replaced.

We are committed to the safety and health of our children and to keeping you informed every step of the way. A comprehensive Sampling Report which details the all of our sampling locations and laboratory results is available at the front desk of the CDC, Youth Center, and NAPS for your perusal.

Sincerely,

A handwritten signature in black ink, appearing to read "Logan Jones", with a large, stylized flourish extending to the left.

LOGAN JONES
Captain, U.S. Navy

Enclosure: (1) Summary of drinking water laboratory analysis

Copy to: Public Works Officer

SUMMARY OF DRINKING WATER LABORATORY ANALYSES

Sample Location	First Round Sample Results	Second Round – Post-Replacement, No Flush Sample Results	Second Round – Post-Replacement, 30 Second Flush Sample Results
Youth Center, Bldg 126NS Outdoor Water Spigot	20 ppb	13 ppb	N/A
NAPS, NA74 Outdoor Water Spigot Near Main Entrance	22 ppb	44 ppb	5.5 ppb
NAPS, NA74 Storage Room High Hand Washing Station	9.7 ppb	3.1 ppb	N/A
CDC Annex, Bldg 298NS Room 103 Water Fountain	9.4 ppb	4.8 ppb	N/A
CDC Annex, Bldg 298NS Room 108 High Hand Washing Station	32 ppb	15 ppb	N/A
CDC Annex, Bldg 298NS Room 108 Kitchen Sink for Food Prep	11 ppb	13 ppb	N/A
CDC Annex, Bldg 298NS Room 108 Kitchen Sprayer	9.5 ppb	6.5 ppb	N/A
CDC Annex, Bldg 298NS Outdoor Water Spigot Adjacent to Room 108	11 ppb	26 ppb	11 ppb
CDC Annex, Bldg 298NS Outdoor Water Spigot Adjacent to Room 110	13 ppb	74 ppb	19 ppb
CDC Annex, Bldg 298NS Outdoor Water Spigot Adjacent to Room 120	11 ppb	29 ppb	3.6 ppb
CDC Annex, Bldg 298NS Outdoor Water Spigot Adjacent to Sprinkler Room	20 ppb	10 ppb	N/A
CDC, Bldg 297NS Outdoor Water Spigot Adjacent to Room 104	27 ppb	310 ppb	3.3 ppb
CDC, Bldg 297NS Room 110 High Hand Washing Station	16 ppb	7.1 ppb	N/A