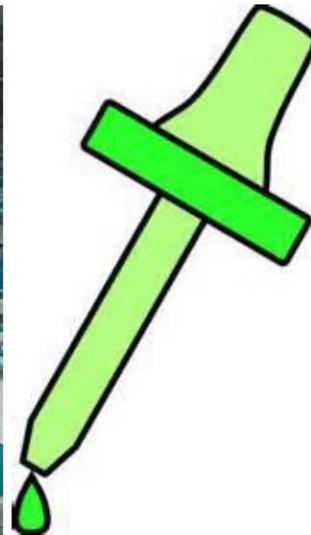


Overview of Testing Results for Lead in Drinking Water and Corrective Actions for
NAVAL AIR STATION KEY WEST, FLORIDA
CHILD DEVELOPMENT CENTER (Building V-4187)

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 added 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 (YCs), child development group homes (CDGHs) and child development centers (CDCs).

Navy environmental personnel conducted lead testing at the NAS Key West Child Development Center in accordance with Navy and EPA guidelines. Samples from various locations in the Child Development Center were sent to a state-certified laboratory for analysis.

At the NAS Key West Child Development Center, sixteen (16) outlets used for drinking and cooking, as well as thirty-seven (37) outlets used for hand washing were tested. Out of fifty-three (53) samples collected, zero (0) water outlets 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.



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*, *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 to label each sample bottle. The *Outlet Description* column contains additional information to describe the outlet sampled under each category.

EPA sampling protocol requires water to not be used for between 8 and 18 hours prior to first draw sampling. Therefore, *Initial Sampling Results* were from first draw samples collected early in the morning before the Child Development Center opened and before any water was used. The *Initial Sampling Results* also indicate whether resampling is required and the date that fixtures greater than 20 ppb were secured.

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: Key West: <http://fkaa.com/WaterQualityReport2013.pdf>

Navy Water Quality Reports:

http://www.cnic.navy.mil/regions/cnrse/om/environmental_support/water_quality_information.html

To answer any questions you may have on the sampling program, contact the NAS Key West Public Affairs Officer at (305) 293-2027. If you have any health questions or concerns, you are encouraged to call the Navy Branch Health Clinic at (305) 293-4600 or your health care provider.