



DEPARTMENT OF THE NAVY

COMMANDER, FLEET ACTIVITIES, YOKOSUKA

PSC 473 BOX I
FPOAP 96349-0001

December 14th, 2017

Dear Parents and Staff of Ikego Elementary School,

With this year-end letter I continue my commitment as Commanding Officer of the base, to keep you apprised of measures we are taking to maintain Ikego Elementary School as a healthy place in which to grow and learn. I would like to take this opportunity to review previously conveyed information, as well as provide updates regarding the water quality at the school.

Overview of Lead in Drinking Water. Lead in drinking water may come from the existing plumbing inside buildings including fittings, solder, water coolers, or water faucets. Lead is more likely to be found in drinking water when the water has not been run for an extended period of time and has been stagnant in the system. Twenty parts per billion (20 ppb) of lead in water is the screening level designated by the U.S. Environmental Protection Agency (EPA) as the level to take action with additional testing and corrective measures. The Navy has adopted this recommendation as policy. (To learn more about lead in drinking water in schools and child care centers resources please visit: <https://www.epa.gov/dwreginfo/3ts-reducing-lead-drinking-water-schools-and-child-care-facilities>)

Sampling for Lead and Corrective Actions. In my letter of 18 September, I relayed the results from our first and second round of lead sampling, and discussed the fixtures that were being replaced with certified lead free plumbing that meets the NSF-61 standard. As you recall, no fixtures will be returned to service until follow-up sampling of replaced fixtures shows no lead exceedances, and we receive concurrence from the Naval Hospital Preventative Medicine in consultation with the Navy and Marine Corps Public Health Center and the Regional Water Quality Board. Based on fixture replacement and sampling conducted in September, we will restore the 11 fixtures that had exceedances in the first or second round of sampling. There are 3 additional fixtures including two motion sensor faucets and one outdoor fountain that will be replaced shortly. They will remain off until replacement parts arrive.

Water Sampling Data. Please find attached a summary of the first and second round exceedances and their post-replacement sampling results. The full report of results will be posted to the CFAY webpage: https://www.cnic.navy.mil/regions/cnrj/installations/cfa_yokosuka/om/public_works/ikego-elementary-water-quality.html, and Facebook group: Ikego Elementary Water Quality Information. We will continue to keep you informed of sampling results and any additional corrective action taken or planned.

Blood Testing Data. From the voluntary blood testing done at U.S. Naval Hospital Yokosuka, the results remain: none (zero) of the 166 persons voluntarily tested starting April 10th had results above 5 micrograms per deciliter ($\mu\text{g}/\text{dL}$) - the level of concern regarding lead exposure, used by U.S. Centers for Disease Control and Prevention (CDC) and Navy Bureau of Medicine and Surgery. If you have any health-related questions/concerns about lead, you are encouraged to contact your primary care provider.

In Summary. We continue to replace fixtures with NSF 61 certified lead free plumbing, and are returning them to service after sampling confirms results below the EPA recommended screening level of 20 ppb for lead. Finally, we plan on conducting a maintenance flushing event at the end of the winter break at all fixtures, prior to the start of school. Rest assured that my team and I will continue to monitor and to test water quality at the Ikego Elementary School to ensure our drinking water lead levels are lower than EPA-recommended screening levels. I am committed to the safety and health of all personnel and family members using our facilities and will keep you updated on this issue.

Respectfully yours,

A handwritten signature in black ink, appearing to read "Jeffrey J. Kim", is written over a white background.

Jeffrey J. Kim
Captain, U.S. Navy

Ikego Elementary School (Building 824)

Summary of outlets with results exceeding 20 ppb for first full round of Lead in Priority Areas (LIPA) water sampling and post replacement sample results

<u>Outlet Type</u>	<u>ID#</u>	<u>Floor</u>	<u>Location</u>	<u>Initial Sample Date</u>	<u>Lead Level (ppb)</u>	<u>Post- Replacement Sample Date</u>	<u>Lead Level (ppb)</u>
Faucet	F061	1st	Kitchen	4/15/2017	26	8/4/2017	2.6
Faucet	F062	1st	Kitchen	4/15/2017	27	8/4/2017	1.9
Drinking Fountain (Cooler)	C101	2nd	Cafeteria	4/15/2017	32	9/20/2017	not detected
Drinking Fountain (Cooler)	C109	2nd	Gym	4/15/2017	21	9/20/2017	not detected
Drinking Fountain (Bubbler)	B022	1st	Classroom 139b	4/19/2017	27	9/20/2017	6.5
Drinking Fountain (Bubbler)	B087	2nd	Classroom 232	4/20/2017	34	9/20/2017	7.2
Drinking Fountain (Bubbler)	B088	2nd	Classroom 233	4/20/2017	79	9/20/2017	9.4
Drinking Fountain (Bubbler)	B089	2nd	Classroom 234	4/20/2017	88	9/20/2017	8.2
Drinking Fountain (Bubbler)	B090	2nd	Classroom 235	4/20/2017	30	9/20/2017	6.8
Drinking Fountain (Bubbler)	B091	2nd	Classroom 236	4/20/2017	24	9/20/2017	4.3
Drinking Fountain (Bubbler)	B137	3rd	Classroom 333	4/20/2017	25	9/20/2017	7.5
Motion Sensor Faucet	F296	1st	Classroom 139b	5/10/2017	37	9/20/2017	9.6

Summary of outlets with results exceeding 20 ppb for second full round of Lead in Priority Areas (LIPA) water sampling and post replacement sample results

<u>Outlet Type</u>	<u>ID#</u>	<u>Floor</u>	<u>Location</u>	<u>Initial Sample Date</u>	<u>Lead Level (ppb)</u>	<u>Post- Replacement Sample Date</u>	<u>Lead Level (ppb)</u>
Faucet	F150	Outside - North	Playground	7/28/2017	23	Pending	-
Motion Sensor Faucet	F220	1st	Classroom 169	8/8/2017	22	9/20/2017	2.8
Motion Sensor Faucet	F103	2nd	Dishroom 259/260	8/10/2017	38	Pending	-
Motion Sensor Faucet	F295	Outside - North	Pavilion Bathroom Women	8/10/2017	20	Pending	-