SANTA MONICA-MALIBU UNIFIED SCHOOL DISTRICT

INITIAL SAMPLING

On June 6th, 2017 SMMUSD started Initial sampling, which is used to determine if a drinking water outlet has a lead level that is above or below the Action Level of 15 ppb. Drinking water outlets with a test result of equal to or less than 15 ppb do not need additional testing and a water system is not required to collect additional samples when the initial sample results is less than or equal to 15 ppb. Drinking water outlets with an initial sampling test result of greater than 15 ppb exceed the Action Level and should undergo repeat sampling, which is not the case in our Malibu Schools.

1. After completing the preparation steps, the trained sampler collects initial samples using the Initial Sampling Instructions as guidance.
2. Upon delivery of the samples to the laboratory, the standard laboratory turn-around-time for receiving results is acceptable.
3. *All initial sample locations with a test result of less than or equal to 15 ppb have lead levels less than the Action Level, the location is suitable for consumption, and no further testing is needed.*

LABORATORY CONCENTRATIONS

The testing laboratory may report the results of the initial and repeat samples in several different formats or units. If the report includes the units of ppb (parts per billion) or ug/L (micrograms per liter) these two are essentially the same and the values in the report can be directly compared to the lead Action Level. If the report includes the units of ppm (parts per million) or mg/L (milligrams per liter) the values in the report must be converted to ppb or ug/L before comparison to the lead Action Level. To convert between units, use the following conversion factors:
Convert from ppm to ppb: 1 ppm = 1,000 ppb
Convert from mg/L to ug/L: 1 mg/L = 1,000 ug/L
For example, if the laboratory reports an initial sample result of 0.007 ppm, the conversion would be 0.007 ppm X 1,000 = 7 ppb. The drinking water outlet has a lead concentration below the Action Level of 15 ppb and no further testing is needed. If the laboratory reports an initial sample result of 0.021 mg/L, the conversion would be 0.021 mg/L X 1,000 = 21 ug/L. Since the units of ug/L and ppb are essentially the same, the drinking water outlet has a lead concentration above the Action Level of 15 ppb and needs testing again using the Repeat Sampling Instructions.

MALIBU HIGH/MIDDLE SCHOOL

June 6th 2017 Four locations were tested in high use areas including the food prep sink in the Kitchen. *All* samples were taken on "first draw" meaning that at the time of sampling the drinking water locations where not used during the previous six hours of sampling. On the "second draw" meaning flushing the system for 30 seconds then take the initial sample.

Sample Location	Type of Outlet	Initial Draw Results	Flush Results	Difference between two results
Cafeteria kitchen (Bldg H)	Food prep sink	2.3	1.1	1.2
Auditorium restrooms (Bldg H)	Drinking fountain	1.2	0.64	0.56
Base of stairs in southwest corner of "Mako Bldg" (Bldg D)	Drinking fountain	0.44	0.39	0.05
Hallway between Rooms 502 & 505 in "Angel Bldg" (Bldg G)	Drinking fountain	2.2	2.5	-0.3
Near locker rooms facing swimming pool (Athletic Bldg)	Drinking fountain	1.4	1.1	0.3

All samples are under the Action Level of 15 ppb. No further testing is needed at Malibu Middle/High School and water is suitable for consumption.

JUAN CABRILLO ELEMENTARY SCHOOL

June 6th 2017 Four locations were tested in high use areas including the food prep sink in the Kitchen.

Sample Location	Type of Outlet	Initial Draw Results	Flush Results	Difference between two results
South side of Bldg B near Room 4	Drinking fountain	0.25	0.78	-0.53
South side of Bldg B near Room 2	Drinking fountain	ND	ND	N/A
East side of Bldg C near restrooms	Drinking fountain	0.35	0.3	0.05
East side of Bldg D near restrooms	Drinking fountain	ND	ND	N/A
Cafeteria kitchen	Food prep sink	1.3	0.21	1.09

All samples are under the Action Level of 15 ppb. No further testing is needed at Juan Cabrillo Elementary School and water is suitable for consumption.

POINT DUME MARINE SCIENCE ELEMENTARY SCHOOL
June 7th 2017 Four locations were tested in high use areas including the food prep sink in the Kitchen.

Sample Location	Type of Outlet	Initial Draw Results	Flush Results	Difference between two results
Near Principal's Office (Main Office Bldg)	Drinking fountain	0.31	ND	0.31
Near lunch patio (Auditorium/Kitchen Bldg)	Drinking fountain	2.2	0.82	1.38
Food prep sink: Kitchen (Auditorium/Kitchen Bldg)	Food Prep Sink	1.8	1.3	0.5
Lower level near restrooms north of pre-school yard (Pre-School Bldg)	Drinking fountain	ND	ND	N/A
Lower level near restrooms south of pre-school yard (Pre-School Bldg)	Drinking fountain	1.1	0.86	0.24

All samples are under the Action Level of 15 ppb. No further testing is needed at Point Dume Marine Science Elementary School and water is suitable for consumption.

WEBSTER ELEMENTARY SCHOOL
June 7th 2017 Four locations were tested in high use areas including the food prep sink in the Kitchen.

Sample Location	Type of Outlet	Initial Draw Results	Flush Results	Difference between two results
Cafeteria kitchen (Bldg G)	Food prep sink	0.64	0.36	0.28
Playground entrance	Drinking fountain	0.57	0.37	0.2
West side of bldg near restrooms (Bldg H)	Drinking fountain	0.24	0.25	-0.01
West side of bldg near restrooms (Bldg F)	Drinking fountain	1.2	0.57	0.63
West side of bldg near restrooms (Bldg C)	Drinking fountain	1.1	0.57	0.53

All samples are under the Action Level of 15 ppb. No further testing is needed at Point Dume Marine Science Elementary School and water is suitable for consumption.