



ELEVATION NETWORK

TIMELINE OF EVENTS RELATED TO WATER SAFETY AT MCCLYMONDS HIGH SCHOOL

January 17, 2018

Below is a summary of activities related to water health and safety at the McClymonds High School campus, as well as actions taken by OUSD to address these concerns. This timeline includes events from August 2016 through January 2018.

Additional information, including copies of all water test results, can be found on the McClymonds High School website at www.ousd.org/mcclymonds.

2016:

August:

- OUSD Buildings & Grounds department was notified of a concern about water purity in boys and girls locker rooms by McClymonds staff and informed OUSD Risk Management
- Water samples from showers in locker rooms collected by OUSD Risk Management and sent for analysis to Micro Analytical Laboratories in Emeryville.
- Site Administration was informed to stop using shower water as drinking water immediately.
- As a result of elevated levels being found in the shower samples Risk Management / EH&S Manager took additional samples from the drinking fountains in the boys and girls locker rooms as well as the main building. The results from the drinking fountains showed less than 15 parts per billion (ppb), the maximum amount allowed for drinking water by the Environmental Protection Agency (EPA).
- Traces of sediment still found in water after lead testing was completed as a result of deteriorating original galvanized pipes. As a result, McClymonds custodial staff was directed to flush shower pipes on a weekly basis to remove sediment from water supply.
- Water from shower pipes was tested on a monthly basis to monitor effectiveness of flushing process.

September

- Additional water samples from showers in boys locker room were collected. Test results continued to show elevated levels of lead.
- Showers in both locker rooms remained off-limits to students and staff.

November:

- Water samples were collected from men's and women's restrooms on the football field. Twelve of thirteen results came back within EPA permissible range, including non-detect levels (below 5ppb). The thirteenth sample from one of the water fountains showed elevated levels of lead.
- Water samples were again collected from showers in boys locker room. Five of six samples tested at non-detect levels (below 5ppb). The sixth sample continued to show elevated levels of lead.
- Custodians directed to conduct additional flushing for both failed locations.

2017:

February:



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- Samples were collected from showers in the boys locker room. All samples returned within range, with two of three samples showing non-detect levels of lead.

June:

- Fourteen water samples were collected from mens and womens restroom sinks, faucets, and fountains on football field. Two of the fourteen samples showed levels close to or exceeding limits permitted by the EPA. The remaining twelve samples showed levels of lead within EPA permissible range or non-detect levels.
- Samples were collected from showers in the girls locker room. All samples returned at non-detect levels of lead.
- Samples were again collected from showers in the boys locker room. Two of three samples showed non-detect levels of lead, while the third sample showed elevated levels.

August:

Football Field:

- School administration notified OUSD Buildings & Grounds that water coming from fountains on football field contained sediment
- OUSD Buildings & Grounds and Risk Management/EH&S collected samples from water fountains on football field to investigate concerns of water quality. Water samples sent to Micro Analytical Laboratories for testing.
- Fountainheads adjacent to the stands at the football field were found to contain trace amounts of lead.
- Sparkletts water dispensers were temporarily installed in the gymnasium to ensure access to fresh water near the football field while testing occurred.
- McClymonds received several donations of reusable water bottles for students and staff to facilitate their use of Sparkletts water dispensers.
- Fountainheads were replaced. These fountain heads were tested after installation and showed “non-detect” for lead (less than 5ppb).
- New spigots installed next to the fountains on the football field to allow for easy bulk access to clean water.

Main Building:

- Samples collected from all water fountains throughout campus and sent to Micro Analytical Laboratories for testing.
- Drinking fountains across campus were covered and placed “out of service” to protect students and staff from potentially harmful elements while testing of water samples continued.
- Sparkletts water dispensers were temporarily installed throughout the main building to ensure access to fresh water while testing occurred.

September:

Football Field:

- A new water line from the main on Chestnut Street adjacent to the field was installed to bypass any older piping that could lead to sediment in the water that comes from the new spigots and fountains.

Main Building:

- Samples collected from all water fountains throughout campus and sent to Micro Analytical Laboratories for testing.



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- Water to the drinking fountains across campus was shut off completely to protect students and staff from potentially harmful elements while testing of water samples continued.
- Test results showed 8 of 9 indoor water fountains tested “non-detect” for lead (less than 5 parts per billion).
- Water filters installed on all indoor fountains to prevent sediment from contaminating water supply
- The ninth water fountain (adjacent to room 105), showed trace amounts of lead. Fountain put “out of service” and remains inaccessible to students and staff as of October 11th while repairs are made.

Cafeteria/Kitchen:

- Sediment was found in water coming from faucets in cafeteria kitchen. Upon analysis of water samples, faucets were discovered to have trace amounts of lead.
- Sparkletts water dispensers were temporarily installed throughout the main building to ensure access to fresh water while testing took place.
- Faucets were replaced, and new filters were added to clean out any traces of sediment.
- Water samples collected from kitchen faucets and sent to Micro Analytical Laboratories. Samples showed “non-detect” levels of lead (less than 5ppb) as of 8/26/17 when faucets were tested with filters on.
- A new water line was installed from the main on 26th Street to the pipes leading to the cafeteria to bypass any older piping that could lead to sediment in the water.
- New copper pipes installed inside the kitchen leading to all faucets.
- First round of testing after new pipes were installed showed some levels of lead from one fixture. That fixture was replaced and re-tested, and came back within range and below 15ppb, the permissible amount by Environmental Protection Agency (EPA) drinking water standards.
- All water samples are currently within range and in some faucets non-detect

Locker Rooms:

- The showers in the boys and girls locker rooms showed lead coming from the fixtures.
- The showers were placed off-limits to students and staff while repairs took place.
- Demolition began to remove all fixtures in boys and girls showers

October:

Locker Rooms:

- Old pipes to showers removed
- Pathway for new piping cleared.
- Installation of new pipes leading to showers began on 10/18/17

Main Building/Courtyard:

- Water samples were collected from additional locations throughout campus, including faucets adjacent to rooms 106 and 107. Lab results indicate that drinking water inside of the school is non detect for lead.
- Water samples were also collected from a fountain in the courtyard. This exterior fountain showed elevated levels of lead and was placed out of service in August. It is currently being repaired.
- Additional water samples were collected from faucets located in classrooms and teacher work spaces on 10/26. One of the three samples (from room 311) showed elevated levels of lead and was placed out of service immediately while repairs are made. The two remaining faucets (room 306 and room 111) showed non-detect levels of lead.



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November:

Locker Rooms/Gym:

- New copper pipes were installed from the existing meter to provide a clean water source to the gym building. Water source pending testing by OUSD Risk Management. Water fountains in the gym to be made available pending test results.
- Hot water heaters are in the process of being installed to resume hot water service to the gym.
- Next phase of the project includes installation of shower valves. Once valves are installed, OUSD Risk Management will retest fixtures for lead levels. Showers to be made available pending test results.

Main Building:

- Repairs to the fountain adjacent to room 105 were completed and water from this fountain was re-tested for lead. Results of this test showed a lead concentration of 5.8ppb. This is considered to be within range and safe to drink as it is **below** the EPA Drinking Water Standards for lead, which is 15ppb.

December:

Cafeteria:

- An additional filter was installed on one additional sink in the cafeteria reduce lead levels from 6.5ppb to non-detect levels (below 5ppb). Lab results from 12/22/17 indicated no lead was found in the sample.

January:

Locker Rooms/Gym:

- Repairs to the showers in the locker rooms are still in progress as of January 17, 2018 pending receipt of new lead-free shower valves. Items are on back-order per the vendor.