POTTER ELEMENTARY SCHOOL

Outlet Sampling and Plumbing Assessment Recommendations

2500 North Averill Avenue, Flint, Michigan 48506

BACKGROUND INFORMATION

On Friday, December 4, 2015, the Department of Licensing and Regulatory Affairs (DLARA) and the Department of Environmental Quality (DEQ) conducted an assessment of the plumbing system at Potter Elementary to gain a comprehensive understanding of how water moves through the building and what types of plumbing materials are used. Two out-buildings, in addition to the main school building, were included in the assessment. The assessment identified the following potential sources of lead leaching into drinking water:

- Lead solder joints on copper piping
- Brass valves and brass fittings
- Brass components in fixtures
- Galvanized piping

The assessment also identified a total of 61 faucets or fountains that provide water for drinking, cooking and/or food preparation. Fifty-seven faucets/fountains are in the main school building (four of these faucets/fountains were not assessed), two faucets/fountains are in out-building unit 2, and two faucets/fountains are in out-building unit 3. The DEQ and DLARA Team (Team) developed a sequence for sampling the faucets/fountains based on how water travels through each building.

On Saturday, December 5, 2015, the Team completed sampling of 53 faucets/fountains in the Potter Elementary main school building, the two faucets/fountains in out-building unit 2, and the two faucets/fountains in out-building unit 3, each in the order determined by the plumbing assessment from the previous day, following a stagnation period of over 12 hours. At each of the 57 faucets/fountains identified, staff collected four samples. Two initial, 125-mililiter samples (P1 and P2), were collected immediately after turning on the tap. The water was then flushed for 30 seconds and a third, 125-mililiter sample (F01) was collected. Finally, the water was flushed for another two minutes, and the fourth 125-mililiter sample (F02) was collected. These samples were used to determine the impact of any lead sources in and around each specific faucet/fountain and its connecting plumbing.

The following four outlets were out of service and could not be sampled:

- Bubbler Fountains in the Gym, north wall (No Site Code) and south wall (No Site Code)
- Water Coolers in the West Hallway near the Boys Bathroom, right (01WC010) and left (01WC011)

The Team then completed consecutive sampling at five of the 57 faucets/fountains in the Potter Elementary main school building, and one of the two faucets/fountains in out-building unit 3, six sites in total. This consecutive sampling was used to determine the impact of any lead sources located deep in the supply plumbing of the school building. The five sites in the main school building included three sites along the cold water supply line serving the west side of the building; one near the service line, one at a mid-point and one at the end of the line. The other two sites in the main school building are along the cold water supply line serving the east side of the building; one at a mid-point and one at the end of the line. The sixth consecutive sample site was taken at out-building unit 3. At each of these six sites, staff collected 10, 1-liter samples. The 10 samples were collected immediately after turning on the tap, and consecutively, without any flushing time in between.

WATER SERVICE INFORMATION

A four-inch diameter cast iron water service line enters the main school building in the northwest corner of the boiler room. The boiler room is located at the north end of the building. The cold water piping transitions to two-inch diameter copper piping in the boiler room. An electrical grounding system is attached to this copper piping in the boiler room. Three separate copper cold water lines exit the boiler room. One line exits through the south wall and serves the west side of the main school building. A second line runs in a tunnel through the east wall, turns into and serves the east side of the main school building. The third line exits through the west wall and serves the custodial room and bath directly adjacent to the boiler room. Hot water is distributed in continuous loops that feed from and return to a central water heater in the boiler room. Hot water piping material, where exposed, is copper piping with lead solder joints.

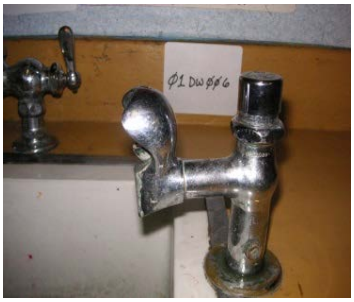
The two out-building units are connected to a separate water service line from the City water main, constructed with copper piping material. The service line comes out of the ground beneath out-building unit 2 and another line runs across and comes out of the ground beneath out-building unit 3. Piping within the out-building units is copper pipe with lead-free solder joints.

Outlets with Lead Levels Greater Than 15 Parts per Billion

The DEQ recommends school facilities take action if samples from any drinking water outlets show lead levels greater than 15 parts per billion. Based on the sampling conducted at 57 faucets/fountains on December 5, 2015, the following 20 drinking water outlets had lead water level results greater than 15 parts per billion. Each of these 20 outlets is listed below with its sample results, including a description of the potential source(s) of lead, and recommended actions to be taken by the school.

Outlet: Bubbler Fountain (01DW006)

Location: Classroom 15, south wall
Results: P1=30 parts per billion, P2=14 parts per billion
F01=2 parts per billion, F02=1 part per billion



These results suggest the highest contribution of lead may be from the bubbler itself. This bubbler fixture is made of chrome-plated brass. The connecting piping to the unit also contains some brass components, including brass fittings, a brass shut-off valve, and copper piping with lead solder.

Replacement of this bubbler and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Classroom Faucet (01CF019)

Location: Classroom 7, south wall
Results: P1=18 parts per billion, P2=12 parts per billion
F01=1 part per billion, F02=non-detect

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. This faucet appears to be a Chicago Specialty model that may contain some brass components. The connecting plumbing contains some brass fittings.

Replacement of this faucet and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

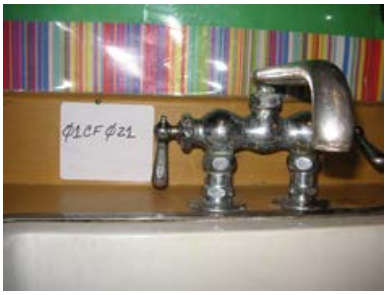
Outlet: Bubbler Fountain (01DW020)

Location: Classroom 7, south wall
Results: P1=17 parts per billion, P2=5 parts per billion
F01=4 parts per billion, F02=3 parts per billion

These results suggest the highest contribution of lead may be from the bubbler itself. This bubbler fixture is constructed of chrome-plated brass. The connecting plumbing contains some brass fittings.

Replacement of this bubbler and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Classroom Faucet (01CF021)



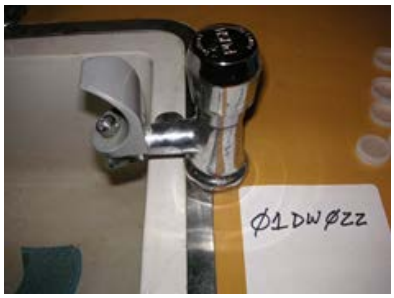
Location: Classroom 6, north wall
Results: P1=25 parts per billion, P2=8 parts per billion
F01=2 parts per billion, F02=1 part per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The faucet appears to be a Chicago Specialty model with a solid brass body and spout. The connecting plumbing contains some brass fittings and copper piping with lead solder.

Replacement of this faucet and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Fountain (01DW022)

Location: Classroom 6, north wall
Results: P1=65 parts per billion, P2=5 parts per billion
F01=3 parts per billion, F02=2 parts per billion

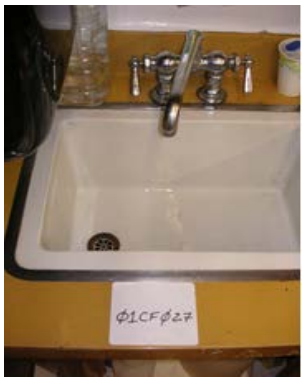


These results suggest the highest contribution of lead may be from the bubbler and connecting plumbing. This bubbler fixture is made of chrome-plated brass, with a brass connector on the underside of the sink. The connecting plumbing contains brass connections.

Replacement of this bubbler and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Classroom Faucet (01CF027)

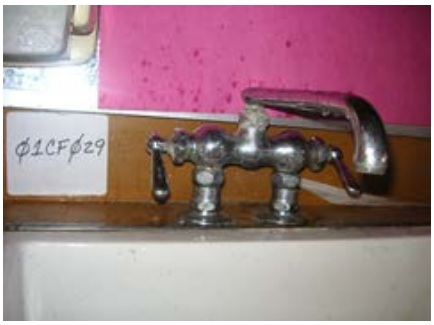
Location: Classroom 4, north wall
Results: P1=17 parts per billion, P2=10 parts per billion
F01=2 parts per billion, F02=non-detect



These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The faucet appears to be a Chicago Specialty model with a solid brass body and spout. The connecting plumbing contains brass connections, brass fittings, brass shut-off valves, and copper piping with lead solder.

Replacement of this faucet and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Classroom Faucet (01CF029)

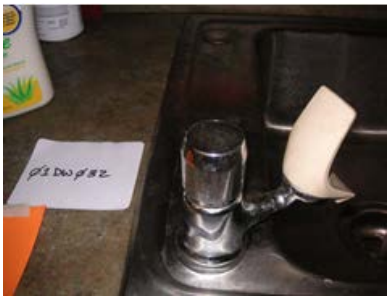


Location: Classroom 3, south wall
Results: P1=24 parts per billion, P2=24 parts per billion
F01=5 parts per billion, F02=9 parts per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The faucet appears to be a Chicago Specialty model with a solid brass body and spout. The connecting plumbing contains brass connections, brass fittings, brass shut-off valves, and copper piping with lead solder.

Replacement of this faucet and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Fountain (01DW032)

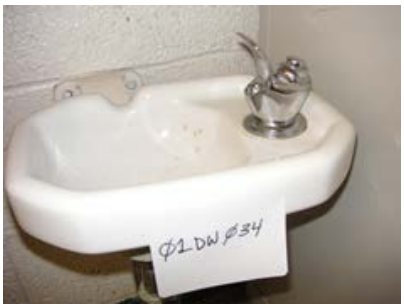


Location: Room 1A, north wall
Results: P1=23 parts per billion, P2=11 parts per billion
F01=28 parts per billion, F02=5 parts per billion

These results suggest the highest contribution of lead may be from the bubbler fixture and its connecting plumbing. The bubbler unit is constructed of chrome-plated brass, with a brass connector on the underside of the sink. The connecting plumbing contains some brass fittings and brass connectors.

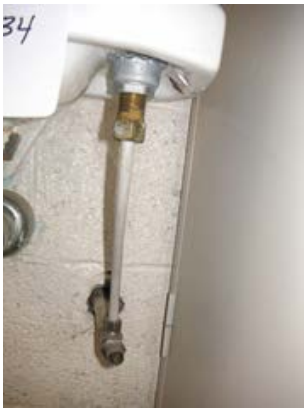
Replacement of the bubbler and connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Fountain (01DW034)



Location: Room 1A, southeast corner
Results: P1=556 parts per billion, P2=69 parts per billion
F01=38 parts per billion, F02=4 parts per billion

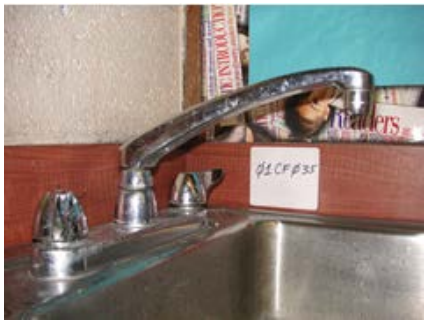
These results suggest the highest contribution of lead may be from the bubbler fixture and its connecting plumbing. This bubbler unit is constructed of chrome-plated brass, with a brass connection on the underside of the fountain base. The connecting piping to the unit contains brass connections and a brass shut-off valve.



Copper results for P1 and F01 at this location were also at levels above which the DEQ recommends school facilities take action. Copper results suggest these same brass components and copper piping are contributing to this condition.

Replacement of the bubbler and connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead and copper concentrations and lead and copper exposure.

Outlet: Classroom Faucet (01CF035)



Location: Room 2A, north wall
Results: P1=9 parts per billion, P2=23 parts per billion
F01=12 parts per billion, F02=6 parts per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. This fixture appears to be a Chicago Specialty faucet. This model faucet typically has a brass tube in its deck body and contains some additional brass components. The connecting piping has some brass connections, brass fittings, and brass shut-off valves.

Replacement of this faucet and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

This faucet also has an aerator/screen at the outlet. If the faucet is not replaced, the aerator/screen should be removed, inspected for particulate accumulations, scrubbed clean, and reinstalled. If particulates are found, the aerator/screen should be periodically checked and cleaned.

Outlet: Bubbler Fountain (01DW036)

Location: Room 2A, north wall
Results: P1=25 parts per billion, P2=7 parts per billion
F01=4 parts per billion, F02=2 parts per billion

These results suggest the highest contribution of lead may be from the bubbler fixture itself. This bubbler unit is constructed of chrome-plated brass, and has a brass connection on the underside of the sink. The connecting piping to the unit contains brass connectors and a brass shut-off valve.

Replacement of this bubbler and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

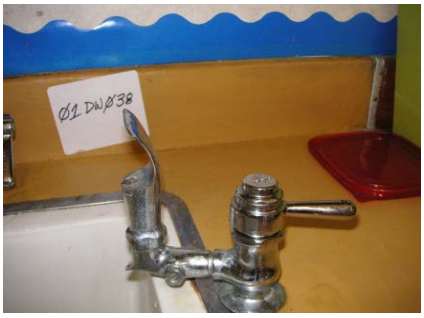
Outlet: Classroom Faucet (01CF037)

Location: Classroom 38, north wall
Results: P1= 30 parts per billion, P2=19 parts per billion
F01=2 parts per billion, F02=non-detect

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The faucet appears to be a Chicago Specialty model with a solid brass body and spout. The connecting plumbing contains brass connections, brass fittings, brass shut-off valves, and copper piping with lead solder.

Replacement of this faucet and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Fountain (01DW038)

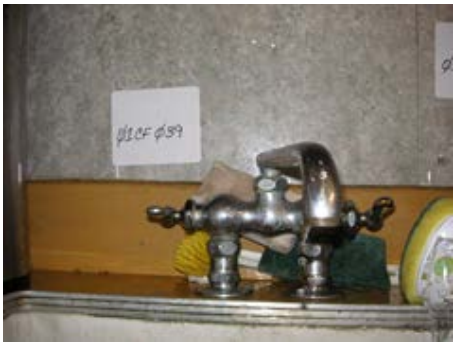


Location: Classroom 38, north wall
Results: P1=23 parts per billion, P2=3 parts per billion
F01=non-detect, F02=non-detect

These results suggest the highest contribution of lead may be from the bubbler itself. This bubbler fixture is made of chrome-plated brass, with a brass operating valve, and a brass connector on the underside of the sink.

Replacement of this bubbler tap and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Classroom Faucet (01CF039)



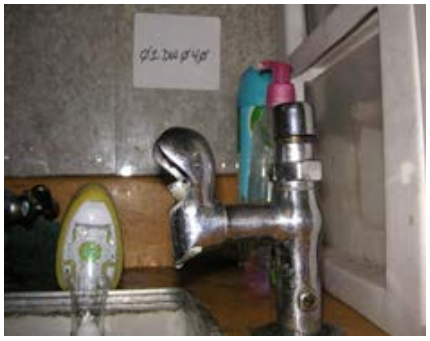
Location: Classroom 39, south wall
Results: P1=30 parts per billion, P2=22 parts per billion
F01=2 parts per billion, F02=2 parts per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The faucet appears to be a Chicago Specialty model with a solid brass body and spout. The connecting plumbing contains brass connections, brass fittings, brass shut-off valves, and copper piping with lead solder.

Replacement of this faucet and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Fountain (01DW040)

Location: Classroom 39, south wall
Results: P1=261 parts per billion, P2=26 parts per billion
F01=12 parts per billion, F02=8 parts per billion



These results suggest the highest contribution of lead may be from the bubbler fixture and its connecting plumbing. This bubbler fixture is made of chrome-plated brass. The connecting plumbing also contains some brass components, including brass fittings, a brass shut-off valve, and copper piping with lead solder.

Replacement of this bubbler and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Classroom Faucet (01CF041)

Location: Classroom 36, north wall
Results: P1= 20 parts per billion, P2=11 parts per billion
F01=1 part per billion, F02=non-detect

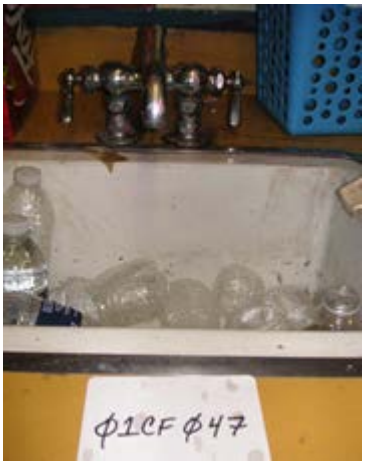
These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The faucet appears to be a Chicago Specialty model with a solid brass body and spout. The connecting plumbing contains brass connections, brass fittings, brass shut-off valves, and copper piping with lead solder.

Replacement of this faucet and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

This faucet also has an aerator/screen at the outlet. If the faucet is not replaced, the aerator/screen should be removed, inspected for particulate accumulations, scrubbed clean, and reinstalled. If particulates are found, the aerator/screen should be periodically checked and cleaned.

Outlet: Classroom Faucet (01CF047)

Location: Classroom 35, south wall
Results: P1= 22 parts per billion, P2=42 parts per billion
F01=15 parts per billion, F02=11 parts per billion

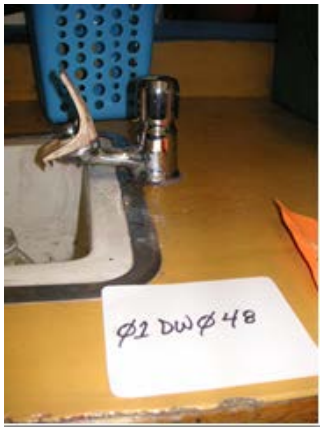


These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The faucet appears to be a Chicago Specialty model with a solid brass body and spout. The connecting plumbing contains brass connections, brass fittings, brass shut-off valves, and copper piping with lead solder.

Replacement of this faucet and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Fountain (01DW048)

Location: Classroom 35, south wall
Results: P1=17 parts per billion, P2=10 parts per billion
F01=9 parts per billion, F02=6 parts per billion



These results suggest the highest contribution of lead may be from the bubbler fixture itself. This bubbler unit is constructed of chrome-plated brass, with a brass connection on the underside of the sink. The connecting piping to the unit contains brass connectors and a brass shut-off valve.

Replacement of this bubbler and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Water Cooler (01WC051)

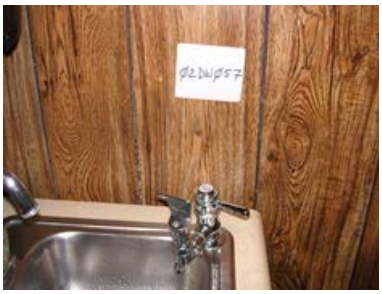
Location: Hallway Across from Classroom 31
Results: P1=2 parts per billion, P2=2 parts per billion
F01=21 parts per billion, F02=1 part per billion

These results suggest the highest contribution of lead may be from the water cooler unit and its connecting plumbing. The water cooler is an Elkay model MEBFS-8-1. This model contains some brass components. Connecting plumbing to the cooler unit may also contain some brass components.

Copper results for sample F01 at this location was also at levels above which the DEQ recommends school facilities take action. Copper results suggest these same brass components and copper piping are contributing to this condition.

Replacement of the water cooler unit and its connecting plumbing with lead-free materials will significantly reduce lead and copper exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead and copper concentrations and lead and copper exposure.

Outlet: Bubbler Fountain, (02DW057)



Location: Out-building Unit 2
Results: P1=27 parts per billion, P2=1 part per billion
F01=non-detect, F02=non-detect

These results suggest the highest contribution of lead may be from the bubbler itself. This bubbler fixture is made of chrome-plated brass, and has a brass operating valve. The connecting plumbing contains some brass fittings.

Replacement of this bubbler tap and its connecting plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlets with Copper Levels Greater Than 1.3 Parts per Million

The DEQ recommends school facilities take action if samples from any drinking water outlets show copper levels greater than 1.3 parts per million. Based on the sampling conducted at 57 faucets/fountains on December 5, 2015, the following additional drinking water outlet had copper results greater than 1.3 parts per million, but lead water level results less than 15 parts per billion. This outlet is listed below with its copper sample results, including a description of the potential source(s) of copper, and recommended actions to be taken by the school.

Outlet: Water Cooler (03WC059)

Location: Out-building Unit 3
Results: P1=0.85 parts per million, P2=1.11 parts per million
F01=2.54 parts per million, F02=1.31 parts per million

These results suggest the highest contribution of copper may be from the water cooler unit and its connecting plumbing. This model water cooler contains some brass and copper components. Connecting plumbing to the cooler unit may also contain brass components and copper piping.

Replacement of this unit and its connecting plumbing is recommended and will reduce copper exposure at this location. F01 and F02 sample results suggest stagnant water conditions in the copper supply piping may be contributing to these levels. Consecutive sampling results for out-building unit 3 suggest that development of a routine operational flushing procedure for this building and its outlets is likely to reduce copper concentrations and copper exposure.

Outlets with Lead Levels 15 Parts per Billion or Less

While the remaining 36 sampled outlets showed sample results to be at levels requiring no further action, several recommendations have been identified.

The fourth sample (F02) at all 57 outlets following approximately three minutes of use and flushing at a reduced flow resulted in reduced lead concentrations of 11 parts per billion or less. This indicates that flushing of all taps used for drinking, cooking, and/or food preparation for four minutes following periods of stagnation will further reduce lead exposure. It is recommended that an operational flushing procedure be developed for use by staff responsible for plumbing operations and maintenance with emphasis on flushing after weekends and holidays.

Twenty-two of the remaining 36 outlets are comprised of similar materials as the outlets listed above and could potentially experience higher lead levels under extended periods of stagnation. These faucets/fountains include:

- Bubbler Fountains: Classroom 22, north wall (01DW002); Classroom 20, north wall (01DW005); Classroom 12, north wall (01DW012); Classroom 10, north wall (01DW016); Classroom 8, north wall (01DW018); Classroom 5, south wall (01DW023); Classroom 4, north wall (01DW028); Classroom 3, south wall (01DW030); Classroom 36, north wall (01DW042); Classroom 37, south wall (01DW044); Classroom 34, north wall (01DW046); Classroom 33, south wall (01DW049); and Art Room 31, south wall (01DW053).

- Classroom Faucets: Classroom 20, north wall (01CF004); Classroom 22, north wall (01CF001); Classroom 15, south wall (01CF007); Classroom 12, north wall (01CF013); Classroom 10, north wall (01CF015); Classroom 8, north wall (01CF017); Room 1A, north wall (01CF033); Classroom 37, south wall (01CF043); and Art Room 31, south wall (01CF052).

Replacement of these fixtures with lead-free materials is also recommended.

The four drinking water bubbler fountains and water coolers identified as out of service in the Background Information, should be sampled prior to being placed back into service, or replaced with lead-free materials.

The remaining fourteen outlets showed sample results of 15 parts per billion or less, requiring no further action or additional recommendations. These faucets/fountains include:

- Bathroom Faucet in Classroom 3, north wall, (01BF031).
- Classroom Faucets: Computer Room, south wall (01CF003); Classroom 9, south wall, (01CF014); Classroom 5, south wall, (01CF024); Classroom 34, north wall, (01CF045); and Classroom 33, south wall, (01CF050).

- Kitchen Faucets: Community Room, south wall (01KC008); Office across Community Room, east wall, (01KC009); Classroom 5, south wall, (01KC025) and (01KC026); Out-Building Unit 2, (02KC056); and Out-Building Unit 3, (03KC058).

- Water Coolers: Hallway south of Gym, right (01WC054); and left (01WC055).

Consecutive Sampling Results and Building Plumbing Recommendations

The consecutive samples taken on December 5, 2015, at six sites in the Potter Elementary school building provide additional confirmation that the highest contribution of lead appears to be from the individual faucet/fountains and not from the larger diameter supply plumbing within the main school building or the two out building units. Results of the consecutive sample monitoring are listed in the table below.

Consecutive Sample No.	1	2	3	4	5	6	7	8	9	10
LOCATION	LEAD RESULT (PARTS PER BILLION; ND = NOT-DETECTED)									
Classroom 22 Sink Faucet 01CF001)	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Classroom 12 Sink Faucet (01CF013)	2	1	ND	ND	ND	ND	ND	ND	ND	ND
Room 2A Sink Faucet (01CF035)	5	3	2	3	2	2	2	2	2	2
Classroom 38 Sink Faucet (01CF037)	9	1	1	ND	ND	ND	ND	ND	ND	ND
CLASSROOM 31 Sink Faucet (01CF052)	4	3	2	2	2	2	5	6	4	3
Unit 3 Kitchen Faucet (03KC058)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Potter Elementary
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ANALYTE	RESULT	ANALYTE	RESULT	Sample Description	Site Code	Site Description
Lead	0.001	Copper	0.00	01CF001-RM22	CA1	First Sequential Sample
Lead	0.000	Copper	0.00	01CF001-RM22	CA2	Second Sequential Sample
Lead	0.000	Copper	0.00	01CF001-RM22	CA3	Third Sequential Sample
Lead	0.000	Copper	0.00	01CF001-RM22	CA4	Forth Sequential Sample
Lead	0.000	Copper	0.00	01CF001-RM22	CA5	Fifth Sequential Sample
Lead	0.000	Copper	0.00	01CF001-RM22	CA6	Sixth Sequential Sample
Lead	0.000	Copper	0.00	01CF001-RM22	CA7	Seventh Sequential Sample
Lead	0.000	Copper	0.00	01CF001-RM22	CA8	Eigth Sequential Sample
Lead	0.000	Copper	0.00	01CF001-RM22	CA9	Ninth Sequential Sample
Lead	0.000	Copper	0.00	01CF001-RM22	CA10	Tenth Sequential Sample
Lead	0.002	Copper	0.06	01CF013-RM 12	CB1	First Sequential Sample
Lead	0.001	Copper	0.05	01CF013-RM 12	CB2	Second Sequential Sample
Lead	0.000	Copper	0.05	01CF013-RM 12	CB3	Third Sequential Sample
Lead	0.000	Copper	0.05	01CF013-RM 12	CB4	Forth Sequential Sample
Lead	0.000	Copper	0.05	01CF013-RM 12	CB5	Fifth Sequential Sample
Lead	0.000	Copper	0.05	01CF013-RM 12	CB6	Sixth Sequential Sample
Lead	0.000	Copper	0.05	01CF013- RM12	CB7	Seventh Sequential Sample
Lead	0.000	Copper	0.05	01CF013-RM 12	CB8	Eigth Sequential Sample
Lead	0.000	Copper	0.05	01CF013-RM 12	CB9	Ninth Sequential Sample
Lead	0.000	Copper	0.05	01CF013-RM 12	CB10	Tenth Sequential Sample
Lead	0.005	Copper	0.17	01CF035-RM 2A	CC1	First Sequential Sample
Lead	0.003	Copper	0.18	01CF035-RM 2A	CC2	Second Sequential Sample
Lead	0.002	Copper	0.18	01CF035-RM 2A	CC3	Third Sequential Sample
Lead	0.003	Copper	0.18	01CF035-RM 2A	CC4	Forth Sequential Sample
Lead	0.002	Copper	0.18	01CF035-RM 2A	CC5	Fifth Sequential Sample
Lead	0.002	Copper	0.18	01CF035-RM 2A	CC6	Sixth Sequential Sample
Lead	0.002	Copper	0.18	01CF035-RM 2A	CC7	Seventh Sequential Sample
Lead	0.002	Copper	0.18	01CF035-RM 2A	CC8	Eigth Sequential Sample
Lead	0.002	Copper	0.17	01CF035-RM 2A	CC9	Ninth Sequential Sample
Lead	0.002	Copper	0.17	01CF035-RM 2A	CC10	Tenth Sequential Sample
Lead	0.009	Copper	0.12	01CF037-RM 38	CD1	First Sequential Sample
Lead	0.001	Copper	0.07	01CF037-RM 38	CD2	Second Sequential Sample
Lead	0.001	Copper	0.00	01CF037-RM 38	CD3	Third Sequential Sample
Lead	0.000	Copper	0.00	01CF037-RM 38	CD4	Forth Sequential Sample
Lead	0.000	Copper	0.00	01CF037-RM38	CD5	Fifth Sequential Sample
Lead	0.000	Copper	0.00	01CF037-RM 38	CD6	Sixth Sequential Sample
Lead	0.000	Copper	0.00	01CF037-RM 38	CD7	Seventh Sequential Sample
Lead	0.000	Copper	0.00	01CF037-RM 38	CD8	Eigth Sequential Sample
Lead	0.000	Copper	0.00	01CF037-RM 38	CD9	Ninth Sequential Sample
Lead	0.000	Copper	0.00	01CF037-RM 38	CD10	Tenth Sequential Sample

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ANALYTE	RESULT	ANALYTE	RESULT	Sample Description	Site Code	Site Description
Lead	0.004	Copper	0.39	01CF052-RM 31	CE1	First Sequential Sample
Lead	0.003	Copper	0.29	01CF052-RM 31	CE2	Second Sequential Sample
Lead	0.002	Copper	0.25	01CF052-RM 31	CE3	Third Sequential Sample
Lead	0.002	Copper	0.20	01CF052-RM 31	CE4	Forth Sequential Sample
Lead	0.002	Copper	0.19	01CF052-RM 31	CE5	Fifth Sequential Sample
Lead	0.002	Copper	0.18	01CF052-RM 31	CE6	Sixth Sequential Sample
Lead	0.005	Copper	0.24	01CF052-RM 31	CE7	Seventh Sequential Sample
Lead	0.006	Copper	0.22	01CF052-RM 31	CE8	Eigth Sequential Sample
Lead	0.004	Copper	0.16	01CF052-RM 31	CE9	Ninth Sequential Sample
Lead	0.003	Copper	0.14	01CF052-RM 31	CE10	Tenth Sequential Sample
Lead	0.000	Copper	0.30	03KC058-UNIT 3	CF1	First Sequential Sample
Lead	0.000	Copper	0.21	03KC058-UNIT 3	CF2	Second Sequential Sample
Lead	0.000	Copper	0.19	03KC058-UNIT 3	CF3	Third Sequential Sample
Lead	0.000	Copper	0.18	03KC058-UNIT 3	CF4	Forth Sequential Sample
Lead	0.000	Copper	0.17	03KC058-UNIT 3	CF5	Fifth Sequential Sample
Lead	0.000	Copper	0.17	03KC058-UNIT 3	CF6	Sixth Sequential Sample
Lead	0.000	Copper	0.16	03KC058-UNIT 3	CF7	Seventh Sequential Sample
Lead	0.000	Copper	0.16	03KC058-UNIT 3	CF8	Eigth Sequential Sample
Lead	0.000	Copper	0.15	03KC058-UNIT 3	CF9	Ninth Sequential Sample
Lead	0.000	Copper	0.14	03KC058-UNIT 3	CF10	Tenth Sequential Sample
Lead	0.017	Copper	0.14	01DW020 RM 7	P1	First Primary draw of 125 milliliters
Lead	0.005	Copper	0.13	01DW020 RM 7	P2	Second Primary draw of 125 milliliters
Lead	0.004	Copper	0.13	01DW020 RM 7	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.003	Copper	0.13	01DW020 RM 7	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.018	Copper	0.13	01CF019 RM 7	P1	First Primary draw of 125 milliliters
Lead	0.012	Copper	0.21	01CF019 RM 7	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.14	01CF019 RM 7	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.13	01CF019 RM 7	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.005	Copper	0.27	01KC026 RM5	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.24	01KC026 RM 5	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.16	01KC026 RM 5	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.16	01KC026 RM 5	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.065	Copper	0.20	01DW022 RM 6	P1	First Primary draw of 125 milliliters
Lead	0.005	Copper	0.08	01DW022 RM 6	P2	Second Primary draw of 125 milliliters
Lead	0.003	Copper	0.07	01DW022 RM 6	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.07	01DW022 RM 6	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.025	Copper	0.33	01CF021 RM 6	P1	First Primary draw of 125 milliliters
Lead	0.008	Copper	0.29	01CF021 RM 6	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.12	01CF021 RM 6	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.001	Copper	0.08	01CF021 RM 6	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.003	Copper	0.29	01CF024 RM 5	P1	First Primary draw of 125 milliliters
Lead	0.003	Copper	0.18	01CF024 RM 5	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.14	01CF024 RM 5	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.001	Copper	0.15	01CF024 RM 5	F02	Flush Sample taken 2 minutes after First Flush Sample

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ANALYTE	RESULT	ANALYTE	RESULT	Sample Description	Site Code	Site Description
Lead	0.011	Copper	0.08	01DW016 RM 10	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.07	01DW016 RM 10	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.07	01DW016 RM 10	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.06	01DW016 RM 10	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.007	Copper	0.15	01CF017 RM 8	P1	First Primary draw of 125 milliliters
Lead	0.014	Copper	0.16	01CF017 RM 8	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.10	01CF017 RM 8	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.07	01CF017 RM 8	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.004	Copper	0.34	01KC025 RM 5	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.56	01KC025 RM 5	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.17	01KC025 RM 5	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.16	01KC025 RM 5	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.014	Copper	0.29	01CF015 RM 10	P1	First Primary draw of 125 milliliters
Lead	0.011	Copper	0.26	01CF015 RM 10	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.07	01CF015 RM 10	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.07	01CF015 RM 10	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.006	Copper	0.14	01DW018 RM 8	P1	First Primary draw of 125 milliliters
Lead	0.001	Copper	0.07	01DW018 RM 8	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.06	01DW018 RM 8	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.06	01DW018 RM 8	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.014	Copper	0.53	01DW023 RM 5	P1	First Primary draw of 125 milliliters
Lead	0.004	Copper	0.29	01DW023 RM 5	P2	Second Primary draw of 125 milliliters
Lead	0.005	Copper	0.13	01DW023 RM 5	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.004	Copper	0.14	01DW023 RM 5	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.005	Copper	0.14	01CF033 RM 1A LIBRARY	P1	First Primary draw of 125 milliliters
Lead	0.005	Copper	0.16	01CF033 RM 1A LIBRARY	P2	Second Primary draw of 125 milliliters
Lead	0.005	Copper	0.15	01CF033 RM 1A LIBRARY	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.16	01CF033 RM 1A LIBRARY	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.023	Copper	0.23	01DW032 RM 1A LIBRARY	P1	First Primary draw of 125 milliliters
Lead	0.011	Copper	0.19	01DW032 RM 1A LIBRARY	P2	Second Primary draw of 125 milliliters
Lead	0.028	Copper	0.15	01DW032 RM 1A LIBRARY	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.005	Copper	0.16	01DW032 RM 1A LIBRARY	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.556	Copper	4.76	01DW034 RM 1A LIBRARY	P1	First Primary draw of 125 milliliters
Lead	0.069	Copper	1.10	01DW034 RM 1A LIBRARY	P2	Second Primary draw of 125 milliliters
Lead	0.038	Copper	1.34	01DW034 RM 1A LIBRARY	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.004	Copper	0.23	01DW034 RM 1A LIBRARY	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.025	Copper	0.20	01DW036 RM 2A LIBRARY	P1	First Primary draw of 125 milliliters
Lead	0.007	Copper	0.16	01DW036 RM 2A LIBRARY	P2	Second Primary draw of 125 milliliters
Lead	0.004	Copper	0.16	01DW036 RM 2A LIBRARY	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.18	01DW036 RM 2A LIBRARY	F02	Flush Sample taken 2 minutes after First Flush Sample

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ANALYTE	RESULT	ANALYTE	RESULT	Sample Description	Site Code	Site Description
Lead	0.009	Copper	0.00	01CF035 RM 2A LIBRARY	P1	First Primary draw of 125 milliliters
Lead	0.023	Copper	0.16	01CF035 RM 2A LIBRARY	P2	Second Primary draw of 125 milliliters
Lead	0.012	Copper	0.16	01CF035 RM 2A LIBRARY	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.006	Copper	0.16	01CF035 RM 2A LIBRARY	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.003	Copper	0.45	01BF031 RM 3	P1	First Primary draw of 125 milliliters
Lead	0.011	Copper	0.23	01BF031 RM 3	P2	Second Primary draw of 125 milliliters
Lead	0.005	Copper	0.13	01BF031 RM 3	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.14	01BF031 RM 3	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.017	Copper	0.19	01CF027 RM 4	P1	First Primary draw of 125 milliliters
Lead	0.010	Copper	0.29	01CF027 RM 4	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.10	01CF027 RM 4	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.09	01CF027 RM 4	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.024	Copper	0.27	01CF029 RM 3	P1	First Primary draw of 125 milliliters
Lead	0.024	Copper	0.24	01CF029 RM 3	P2	Second Primary draw of 125 milliliters
Lead	0.005	Copper	0.22	01CF029 RM 3	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.009	Copper	0.25	01CF029 RM 3	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.013	Copper	0.20	01DW030 RM 3	P1	First Primary draw of 125 milliliters
Lead	0.010	Copper	0.22	01DW030 RM 3	P2	Second Primary draw of 125 milliliters
Lead	0.010	Copper	0.21	01DW030 RM 3	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.005	Copper	0.18	01DW030 RM 3	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.005	Copper	0.09	01DW028 RM 4	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.09	01DW028 RM 4	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.09	01DW028 RM 4	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.08	01DW028 RM 4	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.008	Copper	0.39	01CF003 RM 17	P1	First Primary draw of 125 milliliters
Lead	0.003	Copper	0.31	01CF003 RM 17	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.07	01CF003 RM 17	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.06	01CF003 RM 17	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.004	Copper	0.07	01CF001 RM 22	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.06	01CF001 RM 22	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.00	01CF001 RM 22	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	01CF001 RM 22	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.030	Copper	0.30	01DW006 RM 15	P1	First Primary draw of 125 milliliters
Lead	0.014	Copper	0.30	01DW006 RM 15	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.10	01DW006 RM 15	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.001	Copper	0.07	01DW006 RM 15	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.008	Copper	0.09	01CF004 RM 20	P1	First Primary draw of 125 milliliters
Lead	0.005	Copper	0.14	01CF004 RM 20	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.06	01CF004 RM 20	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.06	01CF004 RM 20	F02	Flush Sample taken 2 minutes after First Flush Sample

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ANALYTE	RESULT	ANALYTE	RESULT	Sample Description	Site Code	Site Description
Lead	0.008	Copper	0.22	01CF007 RM 15	P1	First Primary draw of 125 milliliters
Lead	0.004	Copper	0.09	01CF007 RM 15	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.07	01CF007 RM 15	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.06	01CF007 RM 15	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.003	Copper	0.13	01DW005 RM 20	P1	First Primary draw of 125 milliliters
Lead	0.000	Copper	0.06	01DW005 RM 20	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.06	01DW005 RM 20	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.001	Copper	0.06	01DW005 RM 20	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.008	Copper	0.18	01KC009 DHHS	P1	First Primary draw of 125 milliliters
Lead	0.003	Copper	0.33	01KC009 DHHS	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.07	01KC009 DHHS	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.06	01KC009 DHHS	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.008	Copper	0.25	01CF014 RM 9	P1	First Primary draw of 125 milliliters
Lead	0.011	Copper	0.33	01CF014 RM 9	P2	Second Primary draw of 125 milliliters
Lead	0.003	Copper	0.20	01CF014 RM 9	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.004	Copper	0.12	01CF013 RM 12	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.06	01CF013 RM 12	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.00	01CF013 RM 12	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	01CF013 RM 12	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.005	Copper	0.17	01KC008 COMMUNITY RM	P1	First Primary draw of 125 milliliters
Lead	0.009	Copper	0.15	01KC008 COMMUNITY RM	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.09	01KC008 COMMUNITY RM	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.07	01KC008 COMMUNITY RM	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.010	Copper	0.18	01DW012 RM 12	P1	First Primary draw of 125 milliliters
Lead	0.005	Copper	0.10	01DW012 RM 12	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.00	01DW012 RM 12	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	01DW012 RM 12	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.030	Copper	0.20	01CF039- RM 39	P1	First Primary draw of 125 milliliters
Lead	0.022	Copper	0.27	01CF039- RM 39	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.08	01CF039- RM 39	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.07	01CF039- RM 39	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.005	Copper	0.19	01DW044- RM 37	P1	First Primary draw of 125 milliliters
Lead	0.001	Copper	0.09	01DW044- RM 37	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.09	01DW044- RM 37	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.08	01DW044- RM 37	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.000	Copper	0.41	03KC058- UNIT 3	P1	First Primary draw of 125 milliliters
Lead	0.000	Copper	0.61	03KC058- UNIT 3	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.51	03KC058- UNIT 3	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.48	03KC058- UNIT 3	F02	Flush Sample taken 2 minutes after First Flush Sample

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ANALYTE	RESULT	ANALYTE	RESULT	Sample Description	Site Code	Site Description
Lead	0.027	Copper	0.08	02DW057- OUT UNIT 2	P1	First Primary draw of 125 milliliters
Lead	0.001	Copper	0.13	02DW057- OUT UNIT 2	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.14	02DW057- OUT UNIT 2	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.09	02DW057- OUT UNIT 2	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.261	Copper	0.17	01DW040 - RM 39	P1	First Primary draw of 125 milliliters
Lead	0.026	Copper	0.08	01DW040 - RM 39	P2	Second Primary draw of 125 milliliters
Lead	0.012	Copper	0.07	01DW040 - RM 39	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.008	Copper	0.06	01DW040 - RM 39	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.002	Copper	0.10	02KC056 - OUT UNIT 2	P1	First Primary draw of 125 milliliters
Lead	0.001	Copper	0.34	02KC056 - OUT UNIT 2	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.19	02KC056 - OUT UNIT 2	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.14	02KC056 - OUT UNIT 2	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.002	Copper	0.85	03WC059 - UNIT 3	P1	First Primary draw of 125 milliliters
Lead	0.004	Copper	1.11	30WC059 - UNIT 3	P2	Second Primary draw of 125 milliliters
Lead	0.011	Copper	2.54	03WC059 - UNIT 3	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.005	Copper	1.31	03WC059 - UNIT 3	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.015	Copper	0.33	01CF043 - RM 37	P1	First Primary draw of 125 milliliters
Lead	0.010	Copper	0.37	01CF043 - RM 37	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.10	01CF043 - RM 37	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.09	01CF043 - RM 37	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.023	Copper	0.07	01DW038 - RM 38	P1	First Primary draw of 125 milliliters
Lead	0.003	Copper	0.00	01DW038 - RM 38	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.00	01DW038 - RM 38	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	01DW038 - RM 38	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.030	Copper	0.14	01CF037 - RM 38	P1	First Primary draw of 125 milliliters
Lead	0.019	Copper	0.23	01CF037 - RM 38	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.10	01CF037 - RM 38	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	01CF037 - RM 38	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.008	Copper	0.15	01DW042 - RM 36	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.06	01DW042 - RM 36	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.05	01DW042 - RM 36	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.001	Copper	0.05	01DW042 - RM 36	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.020	Copper	0.16	01CF041 - RM 36	P1	First Primary draw of 125 milliliters
Lead	0.011	Copper	0.25	01CF041 - RM 36	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.07	01CF041 - RM 36	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	01CF041 - RM 36	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.022	Copper	0.29	01CF047 - RM 35	P1	First Primary draw of 125 milliliters
Lead	0.042	Copper	0.39	01CF047 - RM 35	P2	Second Primary draw of 125 milliliters
Lead	0.015	Copper	0.30	01CF047 - RM 35	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.011	Copper	0.15	01CF047 - RM 35	F02	Flush Sample taken 2 minutes after First Flush Sample

Note: Results of "Not Detected" have been converted to a numerical value of zero to allow for ease of sorting.
Results in RED exceed 15 ppb for lead or 1.3 ppm for Copper
1 ppb = 0.001 mg/L

Potter Elementary
2500 North Averill Avenue
Flint, Michigan 48506

ANALYTE	RESULT	ANALYTE	RESULT	Sample Description	Site Code	Site Description
Lead	0.005	Copper	0.18	01CF045 - RM 34	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.23	01CF045 - RM 34	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.10	01CF045 - RM 34	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.06	01CF045 - RM 34	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.003	Copper	0.07	01DW046 - RM 34	P1	First Primary draw of 125 milliliters
Lead	0.000	Copper	0.07	01DW046 - RM 34	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.06	01DW046 - RM 34	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.06	01DW046 - RM 34	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.006	Copper	0.33	01CF050 - RM 33	P1	First Primary draw of 125 milliliters
Lead	0.005	Copper	0.15	01CF050 - RM 33	P2	Second Primary draw of 125 milliliters
Lead	0.004	Copper	0.13	01CF050 - RM 33	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.003	Copper	0.11	01CF050 - RM 33	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.007	Copper	0.39	01DW049 - RM 33	P1	First Primary draw of 125 milliliters
Lead	0.003	Copper	0.42	01DW049 - RM 33	P2	Second Primary draw of 125 milliliters
Lead	0.003	Copper	0.17	01DW049 - RM 33	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.004	Copper	0.13	01DW049 - RM 33	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.017	Copper	0.22	01DW048 - RM 35	P1	First Primary draw of 125 milliliters
Lead	0.010	Copper	0.15	01DW048 - RM 35	P2	Second Primary draw of 125 milliliters
Lead	0.009	Copper	0.15	01DW048 - RM 35	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.006	Copper	0.13	01DW048 - RM 35	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.002	Copper	0.73	01WC051 - HALLWAY ACROSS RM 31	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.74	01WC051 - HALLWAY ACROSS RM 31	P2	Second Primary draw of 125 milliliters
Lead	0.021	Copper	1.63	01WC051 - HALLWAY ACROSS RM 31	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.001	Copper	0.31	01WC051 - HALLWAY ACROSS RM 31	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.003	Copper	0.89	01WC054 - S END EAST WING	P1	First Primary draw of 125 milliliters
Lead	0.004	Copper	0.90	01WC054 - S END EAST WING	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.61	01WC054 - S END EAST WING	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.47	01WC054 - S END EAST WING	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.004	Copper	0.31	01DW053 - RM 31	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.39	01DW053 - RM 31	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.38	01DW053 - RM 31	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.21	01DW053 - RM 31	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.008	Copper	0.87	01WC055 - SOUTHEND EAST WING	P1	First Primary draw of 125 milliliters
Lead	0.007	Copper	0.83	01WC055 - SOUTHEND EAST WING	P2	Second Primary draw of 125 milliliters
Lead	0.004	Copper	0.52	01WC055 - SOUTHEND EAST WING	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.29	01WC055 - SOUTHEND EAST WING	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.011	Copper	0.14	01DW002 - RM 22	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.05	01DW002 - RM 22	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.00	01DW002 - RM 22	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	01DW002 - RM 22	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.011	Copper	0.48	01CF052 - RM 31	P1	First Primary draw of 125 milliliters
Lead	0.007	Copper	0.67	01CF052 - RM 31	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.49	01CF052 - RM 31	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.001	Copper	0.42	01CF052 - RM 31	F02	Flush Sample taken 2 minutes after First Flush Sample

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