FIXTURE & FILTER SAMPLING RESULTS REPORT

Freeman Elementary School

October 14, 2016

INTRODUCTION

During the month of January 2016, the Department of Licensing and Regulatory Affairs (DLARA) completed replacement of drinking water fixtures at Freeman Elementary School. These fixture replacements were required because testing results indicated that the older fixtures at most schools were imparting lead to the drinking water. After the fixtures were replaced, a more thorough flushing of the plumbing lines was completed to remove any remaining materials from the building's water supply system.

For the protection of public health, DLARA started offering the installation of filters on drinking water fixtures at daycare facilities and schools in Flint. This work began in July, 2016.

TIMELINE

Post Fixture Replacement

- On Sunday, January 31, 2016 the DLARA and the Department of Environmental Quality (DEQ) attempted to sample the new fixtures at the school. Several samples were taken and it was noted that they were rusty in appearance and warm. The sampling was abandoned as it was obvious that the system needed additional flushing to remove stagnant water.
- On Saturday, February 6, 2016 the DLARA and the DEQ conducted a post-fixture sampling assessment of the plumbing system at the facility. This assessment indicated that further work was required to lower the lead levels in the water.
- On March 19, 2016 samples were taken at three fixtures. One fixture was no longer above the target of 15 parts per billion (ppb) for lead after two brass fittings were replaced. Flushing continued to improve the system.
- More flushing and follow-up work continued and sampling on April 16, 2016 showed that the remaining two fixtures were below the lead target of 15 ppb.
- On April 30, 2016 the departments went back and sampled all fixtures. All samples were below target levels.
- The week of May 2nd filters were installed at all drinking water fixtures at Freeman Elementary by DLARA.
- On June 4, 2016, the school fixtures were sampled with filters in place (as a pilot).
- On September 17, 2016 the school fixtures were again sampled with fixtures in place.
- On September 24, 2016 after deep flushing, three fixtures were sampled through the filter. All lead levels were Non-Detected (ND).

Water Main Description

An inspection of the water main yeilded a four inch cast iron water main.

SAMPLING METHODS

Fixture Sampling

Each operational drinking water fixture at the school was identified and sampled. After a minimum six-hour stagnation period, four samples were collected at each of the fixtures identified. Two initial samples were collected immediately after turning on the tap. The water was then flushed for 30 seconds and a third sample was collected. Finally, the water was flushed for another two minutes, and the fourth sample was collected. These samples were used to determine the impact of any lead sources in and around each specific fixture and its connecting plumbing.

Deep Plumbing Sampling

A different sampling method is used to determine the impact of any lead sources located deep in the supply plumbing of the building. During this method, ten bottles are collected in a row (consecutively). These bottles are one liter in size, which is larger than those used for the fixture sampling method.

Sampling Notes

- The entire school was sampled on the following occassions:
- October 24 and 31, 2015 before fixture replacement for 31 fixtures (124 samples) and 3 fixtures for deep plumbing assessment (30 samples) were sampled. A total of 154 samples were sent to the lab for analysis.
- February 6, 2016 after fixture replacement, 39 fixtures (156 samples) and 3 fixtures for deep plumbing assessment (30 samples) were sampled. A total of 186 samples were sent to the lab for analysis.
- April 30, 2016 after fixture replacement for 41 fixtures (164 samples) and 3 fixtures for deep plumbing assessment (30 samples) were sampled. A total of 194 samples were sent to the lab for analysis.
- June 4, 2016 after filter installation for drinking water fixtures, 41 fixtures (164 samples) and three fixtures for deep plumbing assessment (30 samples) were sampled. A total of 194 samples were sent to the lab for analysis.
- September 17, 2016, 41 fixtures were sampled. Each fixture was sampled with a 250 ml bottle, which collected the water immediatley next to the fixture to see if the fixtures were imparting lead.

SAMPLING RESULTS

Pre-Fixture Replacement

On October 24 and 31, 2015
Of the 154 samples:

- Lead Range: ND to 326 ppb
- Copper Range: ND to 710 ppb

Post-Fixture Replacement

February 6, 2016
Of the 186 samples:

- Lead Range: ND to 119 ppb
- Copper Range: ND to 660 ppb

Post-Fixture Replacement

March 19, 2016
Of the 6 samples:

- Lead Range: 2 to 222 ppb
- Copper Range: 210 to 470 ppb

Post-Fixture Replacement

April 16, 2016
Of the 6 samples:

- Lead Range: ND to 11 ppb
- Copper Range: 80 to 520 ppb

Post-Fixture Replacement

April 30, 2016
Of the 194 samples:

- Lead Range: ND to 14 ppb
- Copper Range: ND to 660 ppb

Post-Filter Installation

June 4, 2016
Of the 194 samples:

- All samples were ND for both lead and copper.

Post-Filter Installation

September 17, 2016
Of the 41 samples:

- Lead Range: ND to 2 ppb
- Copper Range: ND to 400 ppb

Post-Filter Installation

September 24, 2016
Of the 12 samples:

- Lead Range: All samples were ND.
- Copper Range: ND to 310 ppb

** Where the result is non-detected for lead it means that the amount of lead in the water was less than 1 ppb.*

** Where the result is non-detected for copper it means that the amount of copper in the water was less than 50 ppb.*

Pre-Fixture Replacement -- Freeman Elementary School

October 24 and 31, 2015

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	40	DW001 HALLWAY	P1	Copper	410
Lead	6	DW001 HALLWAY	P2	Copper	290
Lead	4	DW001 HALLWAY	F01	Copper	170
Lead	1	DW001 HALLWAY	F02	Copper	ND
Lead	15	DW002 HALLWAY	P1	Copper	210
Lead	6	DW002 HALLWAY	P2	Copper	100
Lead	4	DW002 HALLWAY	F01	Copper	70
Lead	1	DW002 HALLWAY	F02	Copper	ND
Lead	5	KC003 COMMUNITY	P1	Copper	310
Lead	2	KC003 COMMUNITY	P2	Copper	270
Lead	ND	KC003 COMMUNITY	F01	Copper	140
Lead	ND	KC003 COMMUNITY	F02	Copper	130
Lead	12	CF004 ROOM #1	P1	Copper	270
Lead	7	CF004 ROOM #1	P2	Copper	250
Lead	4	CF004 ROOM #1	F01	Copper	210
Lead	2	CF004 ROOM #1	F02	Copper	80
Lead	5	DW005 ROOM #1	P1	Copper	100
Lead	3	DW005 ROOM #1	P2	Copper	90
Lead	3	DW005 ROOM #1	F01	Copper	90
Lead	2	DW005 ROOM #1	F02	Copper	60
Lead	16	CF006 ROOM#2	P1	Copper	170
Lead	3	CF006 ROOM #2	P2	Copper	220
Lead	1	CF006 ROOM #2	F01	Copper	110
Lead	1	CF006 ROOM #2	F02	Copper	110
Lead	7	CF007 RM#3	P1	Copper	170
Lead	6	CF007 RM #3	P2	Copper	270
Lead	3	CF007 RM#3	F01	Copper	90
Lead	2	CF007 RM#3	F02	Copper	70
Lead	13	CF008 RM#4	P1	Copper	280
Lead	6	CF008 RM#4	P2	Copper	540
Lead	1	CF008 RM#4	F01	Copper	170
Lead	ND	CF008 RM#4	F02	Copper	150
Lead	9	CF009 RM 5	P1	Copper	310
Lead	2	CF009 RM 5	P2	Copper	280
Lead	2	CF009 RM 5	F01	Copper	80
Lead	1	CF009 RM 5	F02	Copper	70
Lead	12	CF010 RM 6	P1	Copper	240
Lead	4	CF010 RM 6	P2	Copper	220
Lead	2	CF010 RM 6	F01	Copper	170
Lead	ND	CF010 RM 6	F02	Copper	120
Lead	2	CF011 ROOM #7	P1	Copper	200
Lead	ND	CF011 ROOM #7	P2	Copper	150
Lead	2	CF011 ROOM #7	F01	Copper	110
Lead	ND	CF011 ROOM #7	F02	Copper	60
Lead	2	CF012 RM #9	P1	Copper	230
Lead	4	CF012 RM #9	P2	Copper	160
Lead	2	CF012 RM #9	F01	Copper	110

• Results in RED exceed the 15 parts per billion (ppb) lead or 1,300 ppm for copper

 • ND mean means the presence of the chemical was non-detected in the sample

Pre-Fixture Replacement -- Freeman Elementary School

October 24 and 31, 2015

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	CF012 RM #9	F02	Copper	80
Lead	9	CF013 ROOM #10	P1	Copper	60
Lead	18	CF013- ROOM #10	P2	Copper	70
Lead	3	CF013 ROOM #10	F01	Copper	190
Lead	3	CF013 ROOM #10	F02	Copper	100
Lead	27	CF014 ROOM #10	P1	Copper	110
Lead	7	CF014- ROOM #10	P2	Copper	100
Lead	4	CF014-ROOM #10	F01	Copper	100
Lead	3	CF014-ROOM #10	F02	Copper	80
Lead	102	CF015 RM 11	P1	Copper	430
Lead	326	CF015 RM 11	P2	Copper	660
Lead	14	CF015 RM 11	F01	Copper	190
Lead	11	CF015 RM 11	F02	Copper	130
Lead	3	CF016 RM 11	P1	Copper	990
Lead	3	CF016 RM 11	P2	Copper	890
Lead	5	CF016 RM 11	F01	Copper	160
Lead	4	CF016 RM 11	F02	Copper	130
Lead	10	CF017 RM#15	P1	Copper	170
Lead	14	CF017 RM#15	P2	Copper	290
Lead	2	CF017 RM#15	F01	Copper	170
Lead	2	CF017 RM#15	F02	Copper	150
Lead	14	CF018 RM#15	P1	Copper	200
Lead	5	CF018 RM#15	P2	Copper	170
Lead	2	CF018 RM#15	F01	Copper	140
Lead	2	CF018 RM#15	F02	Copper	140
Lead	5	CF019 ROOM #17	P1	Copper	160
Lead	3	CF019 ROOM #17	P2	Copper	150
Lead	1	CF019 ROOM #17	F01	Copper	140
Lead	ND	CF019 ROOM #17	F02	Copper	140
Lead	13	CF020 ROOM #17	P1	Copper	190
Lead	4	CF020 ROOM #17	P2	Copper	160
Lead	5	CF020 ROOM #17	F01	Copper	160
Lead	3	CF020 ROOM #17	F02	Copper	140
Lead	4	CF021 RM 12	P1	Copper	90
Lead	7	CF021 RM 12	P2	Copper	150
Lead	ND	CF021 RM 12	F01	Copper	140
Lead	ND	CF021 RM 12	F02	Copper	150
Lead	10	CF022 RM 12	P1	Copper	320
Lead	3	CF022 RM 12	P2	Copper	170
Lead	1	CF022 RM 12	F01	Copper	150
Lead	1	CF022 RM 12	F02	Copper	150
Lead	9	CF023 RM #19	P1	Copper	130
Lead	9	CF023 RM #19	P2	Copper	180
Lead	1	CF023 RM #19	F01	Copper	150
Lead	ND	CF023 RM #19	F02	Copper	150
Lead	23	CF024 RM #19	P1	Copper	230
Lead	3	CF024 RM #19	P2	Copper	170

• Results in RED exceed the 15 parts per billion (ppb) lead or 1,300 ppm for copper

 • ND mean means the presence of the chemical was non-detected in the sample

Pre-Fixture Replacement -- Freeman Elementary School

October 24 and 31, 2015

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	4	CF024 RM #19	F01	Copper	160
Lead	3	CF024 RM #19	F02	Copper	160
Lead	ND	CF025 ROOM #14	P1	Copper	140
Lead	3	CF025 ROOM #14	P2	Copper	250
Lead	3	CF025 ROOM #14	F01	Copper	170
Lead	2	CF025 ROOM #14	F02	Copper	180
Lead	36	CF026 ROOM #14	P1	Copper	750
Lead	30	CF026 ROOM #14	P2	Copper	660
Lead	17	CF026 ROOM #14	F01	Copper	350
Lead	4	CF026 ROOM #14	F02	Copper	200
Lead	9	CF027 RM 21	P1	Copper	190
Lead	7	CF027 RM 21	P2	Copper	210
Lead	ND	CF027 RM 21	F01	Copper	160
Lead	ND	CF027 RM 21	F02	Copper	150
Lead	9	CF028 RM #21	P1	Copper	170
Lead	2	CF028 RM #21	P2	Copper	160
Lead	1	CF028 RM #21	F01	Copper	150
Lead	1	CF028 RM #21	F02	Copper	150
Lead	17	CF029 DHS OFFICE	P1	Copper	590
Lead	12	CF029 DHS OFFICE	P2	Copper	400
Lead	2	CF029 DHS OFFICE	F01	Copper	80
Lead	ND	CF029 DHF OFFICE	F02	Copper	ND
Lead	10	CF030 RAINBOW	P1	Copper	380
Lead	3	CF030 RAINBOW	P2	Copper	420
Lead	7	CF030 RAINBOW	F01	Copper	590
Lead	ND	CF030 RAINBOW	F02	Copper	210
Lead	57	CF031 RAINBOW	P1	Copper	380
Lead	3	CF031 RAINBOW	P2	Copper	210
Lead	2	CF031 RAINBOW	F01	Copper	270
Lead	ND	CF031 RAINBOW	F02	Copper	190
Lead	62	CF015	CB1	Copper	400
Lead	8	CF015	CB2	Copper	140
Lead	8	CF015	CB3	Copper	130
Lead	7	CF015	CB4	Copper	130
Lead	7	CF015	CB5	Copper	130
Lead	7	CF015	CB6	Copper	130
Lead	7	CF015	CB7	Copper	130
Lead	6	CF015	CB8	Copper	120
Lead	6	CF015	CB9	Copper	120
Lead	6	CF015	CB10	Copper	120
Lead	2	CF027	CC1	Copper	160
Lead	ND	CF027	CC2	Copper	140
Lead	ND	CF027	CC3	Copper	140
Lead	ND	CF027	CC4	Copper	140
Lead	ND	CF027	CC5	Copper	140
Lead	ND	CF027	CC6	Copper	150
Lead	ND	CF027	CC7	Copper	150

• Results in RED exceed the 15 parts per billion (ppb) lead or 1,300 ppm for copper

 • ND mean means the presence of the chemical was non-detected in the sample

Pre-Fixture Replacement -- Freeman Elementary School

October 24 and 31, 2015

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	CF027	CC8	Copper	150
Lead	ND	CF027	CC9	Copper	150
Lead	ND	CF027	CC10	Copper	150
Lead	2	CF030	CA1	Copper	450
Lead	1	CF030	CA2	Copper	370
Lead	ND	CF030	CA3	Copper	220
Lead	ND	CF030	CA4	Copper	220
Lead	ND	CF030	CA5	Copper	210
Lead	ND	CF030	CA6	Copper	210
Lead	ND	CF030	CA7	Copper	200
Lead	ND	CF030	CA8	Copper	200
Lead	ND	CF030	CA9	Copper	200
Lead	ND	CF030	CA10	Copper	200

• Results in RED exceed the 15 parts per billion (ppb) lead or 1,300 ppm for copper

 • ND mean means the presence of the chemical was non-detected in the sample

Post Fixture Replacement -- Freeman Elementary School

February 6, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	15	DW001	P1	Copper	290
Lead	8	DW001	P2	Copper	350
Lead	ND	DW001	F01	Copper	320
Lead	ND	DW001	F02	Copper	ND
Lead	8	DW002	P1	Copper	180
Lead	2	DW002	P2	Copper	60
Lead	ND	DW002	F01	Copper	ND
Lead	ND	DW002	F02	Copper	ND
Lead	1	KC003	P1	Copper	190
Lead	ND	KC003	P2	Copper	200
Lead	ND	KC003	F01	Copper	100
Lead	ND	KC003	F02	Copper	80
Lead	1	CF004	P1	Copper	310
Lead	ND	CF004	P2	Copper	200
Lead	ND	CF004	F01	Copper	120
Lead	2	CF004	F02	Copper	80
Lead	3	DW005	P1	Copper	130
Lead	3	DW005	P2	Copper	90
Lead	7	DW005	F01	Copper	80
Lead	9	DW005	F02	Copper	80
Lead	2	CF006	P1	Copper	300
Lead	ND	CF006	P2	Copper	300
Lead	2	CF006	F01	Copper	190
Lead	ND	CF006	F02	Copper	100
Lead	ND	CF006A	P1	Copper	160
Lead	ND	CF006A	P2	Copper	110
Lead	ND	CF006A	F01	Copper	110
Lead	ND	CF006A	F02	Copper	100
Lead	ND	CF007	P1	Copper	300
Lead	1	CF007	P2	Copper	190
Lead	2	CF007	F01	Copper	170
Lead	ND	CF007	F02	Copper	60
Lead	ND	CF007A	P1	Copper	190
Lead	ND	CF007A	P2	Copper	80
Lead	ND	CF007A	F01	Copper	80
Lead	ND	CF007A	F02	Copper	70
Lead	5	CF008	P1	Copper	300
Lead	ND	CF008	P2	Copper	370
Lead	2	CF008	F01	Copper	220
Lead	ND	CF008	F02	Copper	110
Lead	3	CF008A	P1	Copper	200
Lead	ND	CF008A	P2	Copper	130
Lead	ND	CF008A	F01	Copper	120
Lead	ND	CF008A	F02	Copper	110
Lead	2	CF009	P1	Copper	260
Lead	ND	CF009	P2	Copper	160

Non-Detected (ND) means for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb.

Post Fixture Replacement -- Freeman Elementary School

February 6, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	CF009	F01	Copper	160
Lead	ND	CF009	F02	Copper	60
Lead	ND	CF009A	P1	Copper	140
Lead	ND	CF009A	P2	Copper	70
Lead	ND	CF009A	F01	Copper	60
Lead	ND	CF009A	F02	Copper	70
Lead	5	CF010	P1	Copper	660
Lead	3	CF010	P2	Copper	360
Lead	ND	CF010	F01	Copper	170
Lead	ND	CF010	F02	Copper	110
Lead	6	CF010A	P1	Copper	220
Lead	4	CF010A	P2	Copper	110
Lead	4	CF010A	F01	Copper	100
Lead	2	CF010A	F02	Copper	110
Lead	6	CF011	P1	Copper	200
Lead	2	CF011	P2	Copper	170
Lead	1	CF011	F01	Copper	160
Lead	ND	CF011	F02	Copper	50
Lead	ND	CF011A	P1	Copper	90
Lead	ND	CF011A	P2	Copper	50
Lead	ND	CF011A	F01	Copper	70
Lead	ND	CF011A	F02	Copper	60
Lead	3	CF012	P1	Copper	290
Lead	ND	CF012	P2	Copper	330
Lead	ND	CF012	F01	Copper	280
Lead	ND	CF012	F02	Copper	70
Lead	ND	CF012A	P1	Copper	190
Lead	ND	CF012A	P2	Copper	80
Lead	ND	CF012A	F01	Copper	90
Lead	ND	CF012A	F02	Copper	70
Lead	12	CF013	P1	Copper	70
Lead	7	CF013	P2	Copper	110
Lead	ND	CF013	F01	Copper	100
Lead	ND	CF013	F02	Copper	100
Lead	13	CF014	P1	Copper	80
Lead	9	CF014	P2	Copper	80
Lead	3	CF014	F01	Copper	200
Lead	ND	CF014	F02	Copper	120
Lead	31	CF015	P1	Copper	260
Lead	9	CF015	P2	Copper	380
Lead	2	CF015	F01	Copper	120
Lead	1	CF015	F02	Copper	100
Lead	5	CF016	P1	Copper	580
Lead	ND	CF016	P2	Copper	410
Lead	ND	CF016	F01	Copper	110
Lead	ND	CF016	F02	Copper	110

Non-Detected (ND) means for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb.

Post Fixture Replacement -- Freeman Elementary School

February 6, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	119	CF016A	P1	Copper	290
Lead	12	CF016A	P2	Copper	160
Lead	5	CF016A	F01	Copper	110
Lead	3	CF016A	F02	Copper	100
Lead	19	CF017	P1	Copper	270
Lead	16	CF017	P2	Copper	180
Lead	1	CF017	F01	Copper	110
Lead	ND	CF017	F02	Copper	90
Lead	2	CF018	P1	Copper	120
Lead	ND	CF018	P2	Copper	90
Lead	ND	CF018	F01	Copper	90
Lead	ND	CF018	F02	Copper	90
Lead	9	CF019	P1	Copper	190
Lead	11	CF019	P2	Copper	160
Lead	ND	CF019	F01	Copper	90
Lead	ND	CF019	F02	Copper	80
Lead	1	CF020	P1	Copper	120
Lead	ND	CF020	P2	Copper	90
Lead	ND	CF020	F01	Copper	80
Lead	ND	CF020	F02	Copper	80
Lead	3	CF021	P1	Copper	270
Lead	6	CF021	P2	Copper	190
Lead	ND	CF021	F01	Copper	90
Lead	ND	CF021	F02	Copper	90
Lead	2	CF022	P1	Copper	150
Lead	ND	CF022	P2	Copper	90
Lead	ND	CF022	F01	Copper	90
Lead	ND	CF022	F02	Copper	80
Lead	1	CF023	P1	Copper	400
Lead	1	CF023	P2	Copper	320
Lead	ND	CF023	F01	Copper	100
Lead	ND	CF023	F02	Copper	80
Lead	ND	CF024	P1	Copper	120
Lead	2	CF024	P2	Copper	340
Lead	ND	CF024	F01	Copper	90
Lead	ND	CF024	F02	Copper	90
Lead	ND	CF025	P1	Copper	120
Lead	2	CF025	P2	Copper	270
Lead	ND	CF025	F01	Copper	130
Lead	ND	CF025	F02	Copper	90
Lead	2	CF026	P1	Copper	150
Lead	ND	CF026	P2	Copper	100
Lead	ND	CF026	F01	Copper	90
Lead	ND	CF026	F02	Copper	90
Lead	2	CF027	P1	Copper	230
Lead	ND	CF027	P2	Copper	110

Non-Detected (ND) means for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb.

Post Fixture Replacement -- Freeman Elementary School

February 6, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	CF027	F01	Copper	90
Lead	ND	CF027	F02	Copper	90
Lead	ND	CF028	P1	Copper	170
Lead	ND	CF028	P2	Copper	110
Lead	ND	CF028	F01	Copper	90
Lead	ND	CF028	F02	Copper	90
Lead	45	CF029	P1	Copper	450
Lead	6	CF029	P2	Copper	210
Lead	ND	CF029	F01	Copper	ND
Lead	ND	CF029	F02	Copper	ND
Lead	2	CF030	P1	Copper	480
Lead	ND	CF030	P2	Copper	240
Lead	ND	CF030	F01	Copper	300
Lead	ND	CF030	F02	Copper	130
Lead	3	CF031	P1	Copper	260
Lead	2	CF031	P2	Copper	150
Lead	ND	CF031	F01	Copper	140
Lead	ND	CF031	F02	Copper	120
Lead	ND	CF030	CA1	Copper	120
Lead	1	CF030	CA2	Copper	120
Lead	ND	CF030	CA3	Copper	110
Lead	ND	CF030	CA4	Copper	110
Lead	ND	CF030	CA5	Copper	110
Lead	ND	CF030	CA6	Copper	110
Lead	ND	CF030	CA7	Copper	110
Lead	ND	CF030	CA8	Copper	110
Lead	ND	CF030	CA9	Copper	110
Lead	ND	CF030	CA10	Copper	100
Lead	4	CF015	CB1	Copper	150
Lead	2	CF015	CB2	Copper	100
Lead	2	CF015	CB3	Copper	100
Lead	1	CF015	CB4	Copper	100
Lead	1	CF015	CB5	Copper	90
Lead	1	CF015	CB6	Copper	90
Lead	ND	CF015	CB7	Copper	80
Lead	ND	CF015	CB8	Copper	80
Lead	ND	CF015	CB9	Copper	80
Lead	ND	CF015	CB10	Copper	80
Lead	ND	CF027	CC1	Copper	90
Lead	ND	CF027	CC2	Copper	90
Lead	ND	CF027	CC3	Copper	90
Lead	ND	CF027	CC4	Copper	80
Lead	ND	CF027	CC5	Copper	90
Lead	ND	CF027	CC6	Copper	80
Lead	ND	CF027	CC7	Copper	90
Lead	ND	CF027	CC8	Copper	90

Non-Detected (ND) means for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb.

Post Fixture Replacement -- Freeman Elementary School

February 6, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	CF027	CC9	Copper	90
Lead	ND	CF027	CC10	Copper	90

Non-Detected (ND) means for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb.

Follow-Up -- Freeman Elementary School

March 19, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	146	CF015	P1	Copper	340
Lead	9	CF015	P2	Copper	330
Lead	87	CF016A	P1	Copper	470
Lead	222	CF016A	P2	Copper	420
Lead	2	CF019	P1	Copper	220
Lead	2	CF019	P2	Copper	210

Non-Detected (ND) means for lead the amount in water is less than 1 ppb and for copper the amount in water is less than 50 ppb

Follow-Up -- Freeman Elementary School

April 16, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result ppb
Lead	11	CF015	P1	Copper	520
Lead	5	CF015	P2	Copper	360
Lead	1	CF015	F01	Copper	100
Lead	ND	CF015	F02	Copper	100
Lead	4	CF016A	P1	Copper	310
Lead	5	CF016A	P2	Copper	330
Lead	ND	CF016A	F01	Copper	80
Lead	ND	CF016A	F02	Copper	80

The result of non-detected (ND) means; for lead the amount in water is less than 1 pbb, for copper the amount in water is less than 50 pbb.

Post Fixture Replacement -- Freeman Elementary School

April 30, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	12	DW001 HALL	P1	Copper	350
Lead	2	DW001 HALL	P2	Copper	220
Lead	1	DW001 HALL	F01	Copper	160
Lead	ND	DW001 HALL	F02	Copper	ND
Lead	6	DW002 HALL	P1	Copper	130
Lead	ND	DW002 HALL	P2	Copper	ND
Lead	ND	DW002 HALL	F01	Copper	ND
Lead	ND	DW002 HALL	F02	Copper	ND
Lead	ND	KC003 COM ROOM	P1	Copper	100
Lead	ND	KC003 COM ROOM	P2	Copper	150
Lead	ND	KC003 COM ROOM	F01	Copper	80
Lead	ND	KC003 COM ROOM	F02	Copper	70
Lead	1	CF004 ROOM 1	P1	Copper	290
Lead	ND	CF004 ROOM 1	P2	Copper	140
Lead	ND	CF004 ROOM 1	F01	Copper	100
Lead	ND	CF004 ROOM 1	F02	Copper	80
Lead	1	DW005 ROOM 1	P1	Copper	90
Lead	ND	DW005 ROOM 1	P2	Copper	80
Lead	ND	DW005 ROOM 1	F01	Copper	80
Lead	ND	DW005 ROOM 1	F02	Copper	70
Lead	1	CF006 B ROOM2	P1	Copper	240
Lead	ND	CF006 B ROOM2	P2	Copper	190
Lead	1	CF006 B ROOM2	F01	Copper	100
Lead	ND	CF006 B ROOM2	F02	Copper	70
Lead	1	CF006A (F) ROOM 2	P1	Copper	160
Lead	ND	CF006A (F) ROOM 2	P2	Copper	80
Lead	ND	CF006A (F) ROOM 2	F01	Copper	80
Lead	ND	CF006A (F) ROOM 2	F02	Copper	80
Lead	5	CF007 ROOM 3 (F)	P1	Copper	350
Lead	ND	CF007 ROOM 3 (F)	P2	Copper	150
Lead	1	CF007 ROOM 3 F	F01	Copper	130
Lead	ND	CF007 ROOM3 F	F02	Copper	70
Lead	ND	CF007A ROOM 3 (B)	P1	Copper	90
Lead	ND	CF007A ROOM 3 (B)	P2	Copper	70
Lead	ND	CF007A ROOM 3 (B)	F01	Copper	70
Lead	ND	CF007A ROOM 3 (B)	F02	Copper	60
Lead	5	CF008 (B) ROOM 4	P1	Copper	200
Lead	3	CF008 (B) ROOM 4	P2	Copper	350
Lead	3	CF008 (B) ROOM 4	F01	Copper	180
Lead	ND	CF008 (B) ROOM 4	F02	Copper	90
Lead	2	CF008A (F) ROOM 4	P1	Copper	190
Lead	ND	CF008A (F) ROOM 4	P2	Copper	100
Lead	ND	CF008A (F) ROOM 4	F01	Copper	100
Lead	ND	CF008A (F) ROOM 4	F02	Copper	140
Lead	2	CF009 B ROOM5	P1	Copper	210
Lead	ND	CF009 B ROOM5	P2	Copper	130

The result of non-detected (ND) means; for lead the amount in water is less than 1 pbb, for copper the amount in water is less than 50 pbb.

Post Fixture Replacement -- Freeman Elementary School

April 30, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	CF009 B ROOM5	F01	Copper	160
Lead	ND	CF009 B ROOM5	F02	Copper	60
Lead	ND	CF009A B ROOM5	P2	Copper	70
Lead	ND	CF009A B ROOM5	F01	Copper	70
Lead	ND	CF009A B ROOM5	F02	Copper	60
Lead	ND	CF009A B ROOM5	P1	Copper	140
Lead	2	CF010 (B) ROOM 6	P1	Copper	300
Lead	ND	CF010 (B) ROOM 6	P2	Copper	190
Lead	ND	CF010 (B) ROOM 6	F01	Copper	140
Lead	ND	CF010 (B) ROOM 6	F02	Copper	80
Lead	ND	CF010A (F) ROOM 6	P1	Copper	110
Lead	ND	CF010A (F) ROOM 6	P2	Copper	80
Lead	ND	CF010A (F) ROOM 6	F01	Copper	80
Lead	ND	CF010A (F) ROOM 6	F02	Copper	80
Lead	2	CF011 (B) ROOM 7	P1	Copper	180
Lead	1	CF011 (B) ROOM 7	P2	Copper	120
Lead	1	CF011 (B) ROOM 7	F01	Copper	140
Lead	ND	CF011 (B) ROOM 7	F02	Copper	ND
Lead	ND	CFND11A (F) ROOM 7	P1	Copper	110
Lead	ND	CF011A (F) ROOM 7	F01	Copper	50
Lead	ND	CF011A (F) ROOM 7	F02	Copper	ND
Lead	ND	CF011A(F) ROOM 7	P2	Copper	50
Lead	1	CF012 (B) ROOM 9	P1	Copper	210
Lead	ND	CF012 (B) ROOM 9	P2	Copper	170
Lead	ND	CF012 (B) ROOM 9	F01	Copper	200
Lead	ND	CF012 (B) ROOM 9	F02	Copper	70
Lead	3	CF012A (F) ROOM 9	P1	Copper	180
Lead	ND	CF012A (F) ROOM 9	P2	Copper	70
Lead	ND	CF012A (F) ROOM 9	F01	Copper	90
Lead	ND	CF012A (F) ROOM 9	F02	Copper	70
Lead	2	CF13 (F) ROOM 10	P1	Copper	490
Lead	2	CF13 (F) ROOM 10	P2	Copper	660
Lead	ND	CF13 (F) ROOM 10	F01	Copper	120
Lead	1	CF13 (F) ROOM 10	F02	Copper	110
Lead	7	CF014 (B) ROOM 10	P1	Copper	360
Lead	14	CF014 (B) ROOM 10	P2	Copper	280
Lead	5	CF014 (B) ROOM 10	F01	Copper	220
Lead	ND	CF014 (B) ROOM 10	F02	Copper	130
Lead	12	CF015 (F) ROOM 11	P1	Copper	310
Lead	5	CF015 (F) ROOM 11	P2	Copper	280
Lead	1	CF015 (F) ROOM 11	F01	Copper	100
Lead	1	CF015 (F) ROOM 11	F02	Copper	90
Lead	1	CF016 (F) ROOM 11	P1	Copper	250
Lead	2	CF016 (F) ROOM 11	P2	Copper	480
Lead	1	CF016 (F) ROOM 11	F01	Copper	110
Lead	ND	CF016 (F) ROOM 11	F02	Copper	110

The result of non-detected (ND) means; for lead the amount in water is less than 1 pbb, for copper the amount in water is less than 50 pbb.

Post Fixture Replacement -- Freeman Elementary School

April 30, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	2	CF016A (B) ROOM 11	P1	Copper	280
Lead	1	CF016A (B) ROOM 11	P2	Copper	160
Lead	ND	CF016A (B) ROOM 11	F01	Copper	110
Lead	ND	CF016A (B) ROOM 11	F02	Copper	100
Lead	3	CF017 (F) ROOM 15	P1	Copper	250
Lead	5	CF017 (F) ROOM 15	P2	Copper	160
Lead	ND	CF017 (F) ROOM 15	F01	Copper	90
Lead	ND	CF017 (F) ROOM 15	F02	Copper	80
Lead	2	CF018 (B) ROOM 15	P1	Copper	110
Lead	ND	CF018 (B) ROOM 15	P2	Copper	80
Lead	ND	CF018 (B) ROOM 15	F01	Copper	70
Lead	ND	CF018 (B) ROOM 15	F02	Copper	70
Lead	ND	CF019 (F) ROOM 17	P1	Copper	170
Lead	ND	CF019 (F) ROOM 17	P2	Copper	150
Lead	ND	CF019 (F) ROOM 17	F01	Copper	80
Lead	ND	CF019 (F) ROOM 17	F02	Copper	70
Lead	ND	CF020 (B) ROOM 17	P1	Copper	100
Lead	ND	CF020 (B) ROOM 17	P2	Copper	70
Lead	ND	CF020 (B) ROOM 17	F01	Copper	70
Lead	ND	CF020 (B) ROOM 17	F02	Copper	70
Lead	ND	CF021 (F) ROOM 12	P1	Copper	190
Lead	1	CF021 (F) ROOM 12	P2	Copper	130
Lead	ND	CF021 (F) ROOM 12	F01	Copper	70
Lead	ND	CF021 (F) ROOM 12	F02	Copper	70
Lead	1	CF022 (B) ROOM 12	P1	Copper	110
Lead	ND	CF022 (B) ROOM 12	P2	Copper	70
Lead	ND	CF022 (B) ROOM 12	F01	Copper	70
Lead	ND	CF022 (B) ROOM 12	F02	Copper	70
Lead	2	CF023 (F) ROOM 19	P1	Copper	370
Lead	ND	CF023 (F) ROOM 19	P2	Copper	160
Lead	ND	CF023 (F) ROOM 19	F01	Copper	70
Lead	ND	CF023 (F) ROOM 19	F02	Copper	70
Lead	ND	CF024 (B) ROOM 19	P1	Copper	170
Lead	ND	CF024 (B) ROOM 19	P2	Copper	90
Lead	ND	CF024 (B) ROOM 19	F01	Copper	60
Lead	ND	CF024 (B) ROOM 19	F02	Copper	70
Lead	2	CF025 (F) ROOM 14	P1	Copper	260
Lead	1	CF025 (F) ROOM 14	P2	Copper	190
Lead	ND	CF025 (F) ROOM 14	F01	Copper	110
Lead	ND	CF025 (F) ROOM 14	F02	Copper	80
Lead	ND	CF026 (B) ROOM 14	P2	Copper	80
Lead	ND	CF026 (B) ROOM 14	F01	Copper	70
Lead	ND	CF026 (B) ROOM 14	F02	Copper	70
Lead	1	CF026 (B) ROOM 14	P1	Copper	110
Lead	ND	CF027 (F) ROOM 21	P1	Copper	190
Lead	ND	CF027 (F) ROOM 21	P2	Copper	140

The result of non-detected (ND) means; for lead the amount in water is less than 1 pbb, for copper the amount in water is less than 50 pbb.

Post Fixture Replacement -- Freeman Elementary School

April 30, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	CF027 (F) ROOM 21	F01	Copper	80
Lead	ND	CF027 (F) ROOM 21	F02	Copper	70
Lead	ND	CF028 (B) ROOM 21	P1	Copper	80
Lead	ND	CF028 (B) ROOM 21	P2	Copper	70
Lead	ND	CF028 (B) ROOM 21	F01	Copper	70
Lead	ND	CF028 (B) ROOM 21	F02	Copper	70
Lead	2	CF029 DHS OFFICE	P1	Copper	210
Lead	1	CF029 DHS OFFICE	P2	Copper	110
Lead	ND	CF029 DHS OFFICE	F01	Copper	ND
Lead	ND	CF029 DHS OFFICE	F02	Copper	ND
Lead	ND	DW029A (B) NORTH GYM	P1	Copper	200
Lead	5	DW029A (B) NORTH GYM	P2	Copper	350
Lead	3	DW029A (B) NORTH GYM	F01	Copper	120
Lead	2	DW029A (B) NORTH GYM	F02	Copper	110
Lead	14	DW029B (B) SOUTH GYM	P1	Copper	170
Lead	1	DW029B (B) SOUTH GYM	P2	Copper	180
Lead	ND	DW029B(B) SOUTH GYM	F01	Copper	100
Lead	ND	DW029B(B) SOUTH GYM	F02	Copper	90
Lead	ND	CF030 (F) RAINBOW RM	P1	Copper	340
Lead	ND	CF030 (F) RAINBOW RM	P2	Copper	140
Lead	ND	CF030 (F) RAINBOW RM	F01	Copper	160
Lead	ND	CF030 (F) RAINBOW RM	F02	Copper	80
Lead	1	CF031 (B) RAINBOW RM	P1	Copper	140
Lead	ND	CF031 (B) RAINBOW RM	P2	Copper	90
Lead	ND	CF031 (B) RAINBOW RM	F01	Copper	80
Lead	ND	CF031 (B) RAINBOW RM	F02	Copper	80
Lead	2	CF015	CB1	Copper	160
Lead	1	CF015	CB2	Copper	100
Lead	1	CF015	CB3	Copper	100
Lead	1	CF015	CB4	Copper	100
Lead	1	CF015	CB5	Copper	90
Lead	ND	CF015	CB6	Copper	90
Lead	ND	CF015	CB7	Copper	80
Lead	ND	CF015	CB8	Copper	80
Lead	ND	CF015	CB9	Copper	80
Lead	ND	CF015	CB10	Copper	80
Lead	ND	CF027	CC1	Copper	80
Lead	ND	CF027	CC2	Copper	70
Lead	ND	CF027	CC3	Copper	70
Lead	ND	CF027	CC4	Copper	70
Lead	ND	CF027	CC5	Copper	80
Lead	ND	CF027	CC6	Copper	70
Lead	ND	CF027	CC7	Copper	70
Lead	ND	CF027	CC8	Copper	70
Lead	ND	CF027	CC9	Copper	80
Lead	ND	CF027	CC10	Copper	70

The result of non-detected (ND) means; for lead the amount in water is less than 1 pbb, for copper the amount in water is less than 50 pbb.

Post Fixture Replacement -- Freeman Elementary School

April 30, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	CF030	CA1	Copper	90
Lead	ND	CF030	CA2	Copper	80
Lead	ND	CF030	CA3	Copper	80
Lead	ND	CF030	CA4	Copper	80
Lead	ND	CF030	CA5	Copper	70
Lead	ND	CF030	CA6	Copper	70
Lead	ND	CF030	CA7	Copper	70
Lead	ND	CF030	CA8	Copper	70
Lead	ND	CF030	CA9	Copper	70
Lead	ND	CF030	CA10	Copper	70

The result of non-detected (ND) means; for lead the amount in water is less than 1 pbb, for copper the amount in water is less than 50 pbb.

Post Filter Installation -- Freeman Elementary School

June 4, 2106

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	DW001	P1	Copper	ND
Lead	ND	DW001	P2	Copper	ND
Lead	ND	DW001	F01	Copper	ND
Lead	ND	DW001	F02	Copper	ND
Lead	ND	DW002	P1	Copper	ND
Lead	ND	DW002	P2	Copper	ND
Lead	ND	DW002	F01	Copper	ND
Lead	ND	DW002	F02	Copper	ND
Lead	ND	KC003	P1	Copper	ND
Lead	ND	KC003	P2	Copper	ND
Lead	ND	KC003	F01	Copper	ND
Lead	ND	KC003	F02	Copper	ND
Lead	ND	CF004	P1	Copper	ND
Lead	ND	CF004	P2	Copper	ND
Lead	ND	CF004	F01	Copper	ND
Lead	ND	CF004	F02	Copper	ND
Lead	ND	DW005	P1	Copper	ND
Lead	ND	DW005	P2	Copper	ND
Lead	ND	DW005	F01	Copper	ND
Lead	ND	DW005	F02	Copper	ND
Lead	ND	CF006	P1	Copper	ND
Lead	ND	CF006	P2	Copper	ND
Lead	ND	CF006	F01	Copper	ND
Lead	ND	CF006	F02	Copper	ND
Lead	ND	CF006A	P1	Copper	ND
Lead	ND	CF006A	P2	Copper	ND
Lead	ND	CF006A	F01	Copper	ND
Lead	ND	CF006A	F02	Copper	ND
Lead	ND	CF007	P1	Copper	ND
Lead	ND	CF007	P2	Copper	ND
Lead	ND	CF007	F01	Copper	ND
Lead	ND	CF007	F02	Copper	ND
Lead	ND	CF007A	P1	Copper	ND
Lead	ND	CF007A	P2	Copper	ND
Lead	ND	CF007A	F01	Copper	ND
Lead	ND	CF007A	F02	Copper	ND
Lead	ND	CF008	P1	Copper	ND
Lead	ND	CF008	P2	Copper	ND
Lead	ND	CF008	F01	Copper	ND
Lead	ND	CF008	F02	Copper	ND
Lead	ND	CF008A	P1	Copper	ND
Lead	ND	CF008A	P2	Copper	ND
Lead	ND	CF008A	F01	Copper	ND
Lead	ND	CF008A	F02	Copper	ND

• The result of non-detected (ND) means; for lead the amount in water is less than 1 pbb, for copper the amount in water is less than 50 pbb.

Post Filter Installation -- Freeman Elementary School

June 4, 2106

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	CF009	P1	Copper	ND
Lead	ND	CF009	P2	Copper	ND
Lead	ND	CF009	F01	Copper	ND
Lead	ND	CF009	F02	Copper	ND
Lead	ND	CF009A	P1	Copper	ND
Lead	ND	CF009A	P2	Copper	ND
Lead	ND	CF009A	F01	Copper	ND
Lead	ND	CF009A	F02	Copper	ND
Lead	ND	CF010	P1	Copper	ND
Lead	ND	CF010	P2	Copper	ND
Lead	ND	CF010	F01	Copper	ND
Lead	ND	CF010	F02	Copper	ND
Lead	ND	CF010A	P1	Copper	ND
Lead	ND	CF010A	P2	Copper	ND
Lead	ND	CF010A	F01	Copper	ND
Lead	ND	CF010A	F02	Copper	ND
Lead	ND	CF011	P1	Copper	ND
Lead	ND	CF011	P2	Copper	ND
Lead	ND	CF011	F01	Copper	ND
Lead	ND	CF011	F02	Copper	ND
Lead	ND	CF011A	P1	Copper	ND
Lead	ND	CF011A	P2	Copper	ND
Lead	ND	CF011A	F01	Copper	ND
Lead	ND	CF011A	F02	Copper	ND
Lead	ND	CF012	P1	Copper	ND
Lead	ND	CF012	P2	Copper	ND
Lead	ND	CF012	F01	Copper	ND
Lead	ND	CF012	F02	Copper	ND
Lead	ND	CF012A	P1	Copper	ND
Lead	ND	CF012A	P2	Copper	ND
Lead	ND	CF012A	F01	Copper	ND
Lead	ND	CF012A	F02	Copper	ND
Lead	ND	CF013	P1	Copper	ND
Lead	ND	CF013	P2	Copper	ND
Lead	ND	CF013	F01	Copper	ND
Lead	ND	CF013	F02	Copper	ND
Lead	ND	CF014	P1	Copper	ND
Lead	ND	CF014	P2	Copper	ND
Lead	ND	CF014	F01	Copper	ND
Lead	ND	CF014	F02	Copper	ND
Lead	ND	CF015	P1	Copper	ND
Lead	ND	CF015	P2	Copper	ND
Lead	ND	CF015	F01	Copper	ND
Lead	ND	CF015	F02	Copper	ND

• The result of non-detected (ND) means; for lead the amount in water is less than 1 pbb, for copper the amount in water is less than 50 pbb.

Post Filter Installation -- Freeman Elementary School

June 4, 2106

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	CF016	P1	Copper	ND
Lead	ND	CF016	P2	Copper	ND
Lead	ND	CF016	F01	Copper	ND
Lead	ND	CF016	F02	Copper	ND
Lead	ND	CF016A	P1	Copper	ND
Lead	ND	CF016A	P2	Copper	ND
Lead	ND	CF016A	F01	Copper	ND
Lead	ND	CF016A	F02	Copper	ND
Lead	ND	CF017	P1	Copper	ND
Lead	ND	CF017	P2	Copper	ND
Lead	ND	CF017	F01	Copper	ND
Lead	ND	CF017	F02	Copper	ND
Lead	ND	CF018	P1	Copper	ND
Lead	ND	CF018	P2	Copper	ND
Lead	ND	CF018	F01	Copper	ND
Lead	ND	CF018	F02	Copper	ND
Lead	ND	CF019	P1	Copper	ND
Lead	ND	CF019	P2	Copper	ND
Lead	ND	CF019	F01	Copper	ND
Lead	ND	CF019	F02	Copper	ND
Lead	ND	CF020	P1	Copper	ND
Lead	ND	CF020	P2	Copper	ND
Lead	ND	CF020	F01	Copper	ND
Lead	ND	CF020	F02	Copper	ND
Lead	ND	CF021	P1	Copper	ND
Lead	ND	CF021	P2	Copper	ND
Lead	ND	CF021	F01	Copper	ND
Lead	ND	CF021	F02	Copper	ND
Lead	ND	CF022	P1	Copper	ND
Lead	ND	CF022	P2	Copper	ND
Lead	ND	CF022	F01	Copper	ND
Lead	ND	CF022	F02	Copper	ND
Lead	ND	CF023	P1	Copper	ND
Lead	ND	CF023	P2	Copper	ND
Lead	ND	CF023	F01	Copper	ND
Lead	ND	CF023	F02	Copper	ND
Lead	ND	CF024	P1	Copper	ND
Lead	ND	CF024	P2	Copper	ND
Lead	ND	CF024	F01	Copper	ND
Lead	ND	CF024	F02	Copper	ND
Lead	ND	CF025	P1	Copper	ND
Lead	ND	CF025	P2	Copper	ND
Lead	ND	CF025	F01	Copper	ND
Lead	ND	CF025	F02	Copper	ND

• The result of non-detected (ND) means; for lead the amount in water is less than 1 pbb, for copper the amount in water is less than 50 pbb.

Post Filter Installation -- Freeman Elementary School

June 4, 2106

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	CF026	P1	Copper	ND
Lead	ND	CF026	P2	Copper	ND
Lead	ND	CF026	F01	Copper	ND
Lead	ND	CF026	F02	Copper	ND
Lead	ND	CF027	P1	Copper	ND
Lead	ND	CF027	P2	Copper	ND
Lead	ND	CF027	F01	Copper	ND
Lead	ND	CF027	F02	Copper	ND
Lead	ND	CF028	P1	Copper	ND
Lead	ND	CF028	P2	Copper	ND
Lead	ND	CF028	F01	Copper	ND
Lead	ND	CF028	F02	Copper	ND
Lead	ND	CF029	P1	Copper	ND
Lead	ND	CF029	P2	Copper	ND
Lead	ND	CF029	F01	Copper	ND
Lead	ND	CF029	F02	Copper	ND
Lead	ND	DW029A	P1	Copper	ND
Lead	ND	DW029A	P2	Copper	ND
Lead	ND	DW029A	F01	Copper	ND
Lead	ND	DW029A	F02	Copper	ND
Lead	ND	DW029B	P1	Copper	ND
Lead	ND	DW029B	P2	Copper	ND
Lead	ND	DW029B	F01	Copper	ND
Lead	ND	DW029B	F02	Copper	ND
Lead	ND	CF030	P1	Copper	ND
Lead	ND	CF030	P2	Copper	ND
Lead	ND	CF030	F01	Copper	ND
Lead	ND	CF030	F02	Copper	ND
Lead	ND	CF031	P1	Copper	ND
Lead	ND	CF031	P2	Copper	ND
Lead	ND	CF031	F01	Copper	ND
Lead	ND	CF031	F02	Copper	ND
Lead	ND	CF015	CA1	Copper	ND
Lead	ND	CF015	CA2	Copper	ND
Lead	ND	CF015	CA3	Copper	ND
Lead	ND	CF015	CA4	Copper	ND
Lead	ND	CF015	CA5	Copper	ND
Lead	ND	CF015	CA6	Copper	ND
Lead	ND	CF015	CA7	Copper	ND
Lead	ND	CF015	CA8	Copper	ND
Lead	ND	CF015	CA9	Copper	ND
Lead	ND	CF015	CA10	Copper	ND
Lead	ND	CF027	CB1	Copper	ND
Lead	ND	CF027	CB2	Copper	ND

• The result of non-detected (ND) means; for lead the amount in water is less than 1 pbb, for copper the amount in water is less than 50 pbb.

Post Filter Installation -- Freeman Elementary School

June 4, 2106

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	CF027	CB3	Copper	ND
Lead	ND	CF027	CB4	Copper	ND
Lead	ND	CF027	CB5	Copper	ND
Lead	ND	CF027	CB6	Copper	ND
Lead	ND	CF027	CB7	Copper	ND
Lead	ND	CF027	CB8	Copper	ND
Lead	ND	CF027	CB9	Copper	ND
Lead	ND	CF027	CB10	Copper	ND
Lead	ND	CF030	CC1	Copper	ND
Lead	ND	CF030	CC2	Copper	ND
Lead	ND	CF030	CC3	Copper	ND
Lead	ND	CF030	CC4	Copper	ND
Lead	ND	CF030	CC5	Copper	ND
Lead	ND	CF030	CC6	Copper	ND
Lead	ND	CF030	CC7	Copper	ND
Lead	ND	CF030	CC8	Copper	ND
Lead	ND	CF030	CC9	Copper	ND
Lead	ND	CF030	CC10	Copper	ND

• The result of non-detected (ND) means; for lead the amount in water is less than 1 pbb, for copper the amount in water is less than 50 pbb.

Freeman Elementary

September 17, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	DW001 HALLWAY	P1	Copper	400
Lead	ND	DW002 HALLWAY	P1	Copper	50
Lead	ND	KC003 COMMUNITY ROOM	P1	Copper	ND
Lead	ND	CF004 ROOM 1	P1	Copper	ND
Lead	ND	DW005 ROOM1	P1	Copper	ND
Lead	ND	CF006 ROOM2 (BUBBLER)	P1	Copper	ND
Lead	ND	CF006A ROOM 2 (FAUCET)	P1	Copper	ND
Lead	ND	CF007 ROOM 3 (BUBBLER)	P1	Copper	ND
Lead	ND	CF007A ROOM 3 (FAUCET)	P1	Copper	ND
Lead	ND	CF008 ROOM 4 (BUBBLER)	P1	Copper	ND
Lead	ND	CF008A ROOM 4 (FAUCET)	P1	Copper	ND
Lead	ND	CF009 ROOM 5 (BUBBLER)	P1	Copper	ND
Lead	ND	CF009A ROOM 5 (FAUCET)	P1	Copper	ND
Lead	ND	CF010 ROOM 6 (BUBBLER)	P1	Copper	ND
Lead	ND	CF010A ROOM 6 (FAUCET)	P1	Copper	ND
Lead	ND	CF011 ROOM 7 (BUBBLER)	P1	Copper	ND
Lead	ND	CF011A ROOM 7 (FAUCET)	P1	Copper	ND
Lead	ND	CF012 ROOM 9 (BUBBLER)	P1	Copper	ND
Lead	ND	CF012A ROOM9 (FAUCET)	P1	Copper	ND
Lead	ND	CF013 ROOM 10	P1	Copper	ND
Lead	2	CF014 ROOM 10	P1	Copper	ND
Lead	ND	CF015 ROOM 11	P1	Copper	ND
Lead	ND	CF016 ROOM 11(FAUCET)	P1	Copper	ND
Lead	ND	CF016A ROOM 11 (BUBBLER)	P1	Copper	ND
Lead	ND	CF017 ROOM 15	P1	Copper	ND
Lead	ND	CF018 ROOM 15	P1	Copper	ND
Lead	ND	CF019 ROOM 17	P1	Copper	ND
Lead	ND	CF020 ROOM 17	P1	Copper	ND
Lead	ND	CF021 ROOM 12	P1	Copper	ND
Lead	ND	CF022 ROOM 12	P1	Copper	ND
Lead	ND	CF023 ROOM 19	P1	Copper	ND
Lead	ND	CF024 ROOM 19	P1	Copper	ND
Lead	ND	CF025 ROOM 14	P1	Copper	ND
Lead	ND	CF026 ROOM 14	P1	Copper	ND
Lead	ND	CF027 ROOM 21	P1	Copper	ND
Lead	ND	CF028 ROOM 21	P1	Copper	ND
Lead	ND	CF029 DHS OFFICE	P1	Copper	ND
Lead	ND	DW029A NORTH BUBBLER	P1	Copper	ND
Lead	ND	DW029B SOUTH BUBBLER	P1	Copper	ND
Lead	ND	CF030 RAINBOW/PRE-K	P1	Copper	ND
Lead	ND	CF031 RAINBOW/PRE-K	P1	Copper	ND

• Non-detected (ND) means; for lead the amount in water is less than 1 pbb. for copper the amount in water is less than 50 pbb.

Freeman Elementary

September 24, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	DW001 HALLWAY	P1	Copper	310
Lead	ND	DW001 HALLWAY	P2	Copper	ND
Lead	ND	DW001 HALLWAY	P3	Copper	ND
Lead	ND	DW001 HALLWAY	P4	Copper	ND
Lead	ND	DW002 HALLWAY	P1	Copper	70
Lead	ND	DW002 HALLWAY	P2	Copper	ND
Lead	ND	DW002 HALLWAY	P3	Copper	ND
Lead	ND	DW002 HALLWAY	P4	Copper	ND
Lead	ND	CF014 ROOM 10	P1	Copper	ND
Lead	ND	CF014 ROOM 10	P2	Copper	ND
Lead	ND	CF014 ROOM 10	P3	Copper	ND
Lead	ND	CF014 ROOM 10	P4	Copper	ND

• Non-detected (ND) means; for lead the amount in water is less than 1 pbb. for copper the amount in water is less than 50 pbb.