

POST-FILTER INSTALLATION SAMPLING RESULTS REPORT

Pierce Elementary



December 27, 2016

INTRODUCTION

During the month of March, 2016, the Department of Licensing and Regulatory Affairs (DLARA) completed replacement of drinking water fixtures at Pierce Elementary. 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.

On Saturday, March 19th, 2016, the DLARA and the Department of Environmental Quality (DEQ) conducted a post-fixture sampling assessment of the plumbing system at the facility.

For the protection of public health, DLARA started offering the installation of filters in Flint daycares and schools. This work began in July, 2016.

By October 22nd, 2016, filters were installed by the DLARA and sampling of the drinking water through the filters was conducted by the DEQ and DLARA.

Water Main Description

An internal inspection of the building yielded a four-inch cast iron or ductile line that transitioned to a copper distribution system.

SAMPLING METHODS

Fixture Sampling

There are 42 drinking water fixtures that were identified at the school. 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

November 7, 2015

- One hundred and thirty-six samples from 34 fixtures were collected and sent to the lab for analysis.
- Forty samples from four specific fixtures were collected to test the deeper part of the plumbing system and sent to the lab for analysis.

March 19, 2016

- One hundred and thirty-two samples from 33 working fixtures were collected and sent to the lab for analysis.
- Forty samples from four specific fixtures were collected to test the deeper part of the plumbing system and sent to the lab for analysis.

October 22, 2016

- Thirty-three samples from 33 working fixtures were collected and sent to the lab for analysis.
- Samples were collected in 250 milliliter bottles.
- Some fixtures were inoperable or taken out of service and were not sampled.

SAMPLING RESULTS

Pre-Fixture Replacement

November 7, 2015
Of the 176 samples:

- Lead Range: Non-Detected (ND) to 468 parts per billion (ppb)
- Copper Range: ND to 2,050 ppb

Post-Fixture Replacement

March 19, 2016 Of
the 172 samples:

- Lead Range: ND to 31 ppb
- Copper Range: ND to 1,320 ppb

Post-Filter Replacement

October 22, 2016
Of the 33 samples:

- Lead Range: ND to 2 ppb
- Copper Range: ND to 700 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.*

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November 7, 2015

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	20	01DW001 OFF BOILER ROOM	P1	Copper	680
Lead	2	01DW001 OFF BOILER ROOM	P2	Copper	250
Lead	2	01DW001 OFF BOILER ROOM	F01	Copper	170
Lead	ND	01DW001 OFF BOILER ROOM	F02	Copper	80
Lead	8	01WC002 HALL NEXT TO FAN ROOM	P1	Copper	510
Lead	13	01WC002 HALL NEXT TO FAN ROOM	P2	Copper	600
Lead	35	01WC002 HALL NEXT TO FAN ROOM	F01	Copper	770
Lead	19	01WC002 HALL NEXT TO FAN ROOM	F02	Copper	350
Lead	26	01CF003 ROOM 109	P1	Copper	360
Lead	17	01CF003 ROOM 109	P2	Copper	270
Lead	9	01CF003 ROOM 109	F01	Copper	340
Lead	2	01CF003 ROOM 109	F02	Copper	150
Lead	42	01DW004 ROOM 109	P1	Copper	430
Lead	17	01DW004 ROOM 109	P2	Copper	260
Lead	3	01DW004 ROOM 109	F01	Copper	150
Lead	1	01DW004 ROOM 109	F02	Copper	150
Lead	7	01CF005 ROOM 110	P1	Copper	310
Lead	8	01CF005 ROOM 110	P2	Copper	300
Lead	2	01CF005 ROOM 110	F01	Copper	160
Lead	ND	01CF005 ROOM 110	F02	Copper	160
Lead	14	01DW006 ROOM 110	P1	Copper	280
Lead	3	01DW006 ROOM 110	P2	Copper	180
Lead	2	01DW006 ROOM 110	F01	Copper	170
Lead	1	01DW006 ROOM 110	F02	Copper	160
Lead	97	01CF007 ROOM 108	P1	Copper	600
Lead	132	01CF007 ROOM 108	P2	Copper	550
Lead	9	01CF007 ROOM 108	F01	Copper	210
Lead	2	01CF007 ROOM 108	F02	Copper	150
Lead	468	01DW008 ROOM 108	P1	Copper	200
Lead	75	01DW008 ROOM 108	P2	Copper	160
Lead	6	01DW008 ROOM 108	F01	Copper	150
Lead	4	01DW008 ROOM 108	F02	Copper	150
Lead	26	01DW009 ROOM 111	P1	Copper	340
Lead	38	01DW009 ROOM 111	P2	Copper	510
Lead	7	01DW009 ROOM 111	F01	Copper	220
Lead	3	01DW009 ROOM 111	F02	Copper	150
Lead	43	01CF010 ROOM 111	P1	Copper	1,150
Lead	22	01CF010 ROOM 111	P2	Copper	600
Lead	3	01CF010 ROOM 111	F01	Copper	160
Lead	3	01CF010 ROOM 111	F02	Copper	150
Lead	25	01CF011 ROOM 107	P1	Copper	250

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

- Results in RED exceed 15 ppb lead or 1,300 ppb copper

Pierce Elementary
November 7, 2015

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	11	01CF011 ROOM 107	P2	Copper	190
Lead	3	01CF011 ROOM 107	F01	Copper	160
Lead	2	01CF011 ROOM 107	F02	Copper	150
Lead	78	01DW012 ROOM 112	P1	Copper	500
Lead	11	01DW012 ROOM 112	P2	Copper	190
Lead	4	01DW012 ROOM 112	F01	Copper	160
Lead	3	01DW012 ROOM 112	F02	Copper	150
Lead	12	01CF013 ROOM 100	P1	Copper	250
Lead	6	01CF013 ROOM 100	P2	Copper	190
Lead	ND	01CF013 ROOM 100	F01	Copper	130
Lead	2	01CF013 ROOM 100	F02	Copper	160
Lead	10	01CF014 ROOM 100	P1	Copper	200
Lead	13	01CF014 ROOM 100	P2	Copper	210
Lead	8	01CF014 ROOM 100	F01	Copper	180
Lead	3	01CF014 ROOM 100	F02	Copper	140
Lead	14	01DW015 ROOM 100	P1	Copper	190
Lead	3	01DW015 ROOM 100	P2	Copper	140
Lead	1	01DW015 ROOM 100	F01	Copper	130
Lead	2	01DW015 ROOM 100	F02	Copper	150
Lead	7	01KC016 TEACHER'S LOUNGE	P1	Copper	500
Lead	2	01KC016 TEACHER'S LOUNGE	P2	Copper	630
Lead	ND	01KC016 TEACHER'S LOUNGE	F01	Copper	200
Lead	ND	01KC016 TEACHER'S LOUNGE	F02	Copper	120
Lead	4	01DW017 MAIN CORRIDOR	P1	Copper	300
Lead	2	01DW017 MAIN CORRIDOR	P2	Copper	150
Lead	2	01DW017 MAIN CORRIDOR	F01	Copper	120
Lead	1	01DW017 MAIN CORRIDOR	F02	Copper	110
Lead	13	01CF018 ROOM 301	P1	Copper	300
Lead	16	01CF018 ROOM 301	P2	Copper	310
Lead	4	01CF018 ROOM 301	F01	Copper	160
Lead	1	01CF018 ROOM 301	F02	Copper	140
Lead	220	01DW019 ROOM 302	P1	Copper	510
Lead	23	01DW019 ROOM 302	P2	Copper	340
Lead	3	01DW019 ROOM 302	F01	Copper	130
Lead	2	01DW019 ROOM 302	F02	Copper	120
Lead	53	01CF020 ROOM 302	P1	Copper	530
Lead	30	01CF020 ROOM 302	P2	Copper	340
Lead	1	01CF020 ROOM 302	F01	Copper	120
Lead	ND	01CF020 ROOM 302	F02	Copper	110
Lead	15	01CF021 ROOM 306	P1	Copper	360
Lead	50	01CF021 ROOM 306	P2	Copper	250

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

- Results in RED exceed 15 ppb lead or 1,300 ppb copper

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	8	01CF021 ROOM 306	F01	Copper	170
Lead	3	01CF021 ROOM 306	F02	Copper	140
Lead	17	01DW022 ROOM 306	P1	Copper	400
Lead	6	01DW022 ROOM 306	P2	Copper	170
Lead	4	01DW022 ROOM 306	F01	Copper	150
Lead	13	01DW022 ROOM 306	F02	Copper	150
Lead	22	01CF023 ROOM 312	P1	Copper	270
Lead	14	01CF023 ROOM 312	P2	Copper	190
Lead	9	01CF023 ROOM 312	F01	Copper	170
Lead	6	01CF023 ROOM 312	F02	Copper	150
Lead	36	01DW024 ROOM 312	P1	Copper	320
Lead	8	01DW024 ROOM 312	P2	Copper	160
Lead	6	01DW024 ROOM 312	F01	Copper	150
Lead	4	01DW024 ROOM 312	F02	Copper	130
Lead	191	01DW025 ROOM 307	P1	Copper	2,050
Lead	69	01DW025 ROOM 307	P2	Copper	500
Lead	28	01DW025 ROOM 307	F01	Copper	200
Lead	6	01DW025 ROOM 307	F02	Copper	170
Lead	61	01CF026 ROOM 307	P1	Copper	600
Lead	36	01CF026 ROOM 307	P2	Copper	400
Lead	7	01CF026 ROOM 307	F01	Copper	170
Lead	4	01CF026 ROOM 307	F02	Copper	150
Lead	23	01DW027 ROOM 311	P1	Copper	190
Lead	19	01DW027 ROOM 311	P2	Copper	250
Lead	61	01DW027 ROOM 311	F01	Copper	390
Lead	20	01DW027 ROOM 311	F02	Copper	180
Lead	17	01CF028 ROOM 311	P1	Copper	390
Lead	19	01CF028 ROOM 311	P2	Copper	210
Lead	38	01CF028 ROOM 311	F01	Copper	240
Lead	15	01CF028 ROOM 311	F02	Copper	170
Lead	78	01DW029 ROOM 308	P1	Copper	480
Lead	23	01DW029 ROOM 308	P2	Copper	190
Lead	5	01DW029 ROOM 308	F01	Copper	140
Lead	2	01DW029 ROOM 308	F02	Copper	130
Lead	60	01CF030 ROOM 308	P1	Copper	1,080
Lead	9	01CF030 ROOM 308	P2	Copper	180
Lead	11	01CF030 ROOM 308	F01	Copper	140
Lead	3	01CF030 ROOM 308	F02	Copper	130
Lead	29	01DW031 ROOM 310	P1	Copper	360
Lead	35	01DW031 ROOM 310	P2	Copper	240
Lead	73	01DW031 ROOM 310	F01	Copper	430

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

- Results in RED exceed 15 ppb lead or 1,300 ppb copper

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	3	01DW031 ROOM 310	F02	Copper	120
Lead	11	01CF032 ROOM 310	P1	Copper	300
Lead	5	01CF032 ROOM 310	P2	Copper	130
Lead	3	01CF032 ROOM 310	F01	Copper	120
Lead	2	01CF032 ROOM 310	F02	Copper	120
Lead	2	02KC033 TEMPORARY CLASSROOM	P1	Copper	220
Lead	ND	02KC033 TEMPORARY CLASSROOM	P2	Copper	510
Lead	ND	02KC033 TEMPORARY CLASSROOM	F01	Copper	270
Lead	ND	02KC033 TEMPORARY CLASSROOM	F02	Copper	ND
Lead	ND	02DW034 TEMPORARY CLASSROOM	P1	Copper	730
Lead	54	02DW034 TEMPORARY CLASSROOM	P2	Copper	820
Lead	36	02DW034 TEMPORARY CLASSROOM	F01	Copper	1,770
Lead	2	02DW034 TEMPORARY CLASSROOM	F02	Copper	170
Lead	ND	02KC033 TEMPORARY CLASSROOM	CA1	Copper	10
Lead	ND	02KC033 TEMPORARY CLASSROOM	CA2	Copper	ND
Lead	ND	02KC033 TEMPORARY CLASSROOM	CA3	Copper	ND
Lead	ND	02KC033 TEMPORARY CLASSROOM	CA4	Copper	ND
Lead	ND	02KC033 TEMPORARY CLASSROOM	CA5	Copper	ND
Lead	ND	02KC033 TEMPORARY CLASSROOM	CA6	Copper	ND
Lead	ND	02KC033 TEMPORARY CLASSROOM	CA7	Copper	ND
Lead	ND	02KC033 TEMPORARY CLASSROOM	CA8	Copper	ND
Lead	ND	02KC033 TEMPORARY CLASSROOM	CA9	Copper	ND
Lead	ND	02KC033 TEMPORARY CLASSROOM	CA10	Copper	ND
Lead	2	01CF013 ROOM 100	CB1	Copper	170
Lead	2	01CF013 ROOM 100	CB2	Copper	160
Lead	2	01CF013 ROOM 100	CB3	Copper	150
Lead	2	01CF013 ROOM 100	CB4	Copper	160
Lead	2	01CF013 ROOM 100	CB5	Copper	170
Lead	2	01CF013 ROOM 100	CB6	Copper	180
Lead	2	01CF013 ROOM 100	CB7	Copper	180
Lead	2	01CF013 ROOM 100	CB8	Copper	190
Lead	3	01CF013 ROOM 100	CB9	Copper	190
Lead	3	01CF013 ROOM 100	CB10	Copper	210
Lead	4	01CF018 ROOM 301	CC1	Copper	180
Lead	2	01CF018 ROOM 301	CC2	Copper	130
Lead	2	01CF018 ROOM 301	CC3	Copper	120
Lead	2	01CF018 ROOM 301	CC4	Copper	120
Lead	1	01CF018 ROOM 301	CC5	Copper	120
Lead	1	01CF018 ROOM 301	CC6	Copper	120
Lead	1	01CF018 ROOM 301	CC7	Copper	120
Lead	1	01CF018 ROOM 301	CC8	Copper	120

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

- Results in RED exceed 15 ppb lead or 1,300 ppb copper

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	1	01CF018 ROOM 301	CC9	Copper	120
Lead	ND	01CF018 ROOM 301	CC10	Copper	120
Lead	4	01CF032 ROOM 310	CD1	Copper	150
Lead	5	01CF032 ROOM 310	CD2	Copper	140
Lead	6	01CF032 ROOM 310	CD3	Copper	140
Lead	4	01CF032 ROOM 310	CD4	Copper	140
Lead	3	01CF032 ROOM 310	CD5	Copper	130
Lead	3	01CF032 ROOM 310	CD6	Copper	130
Lead	3	01CF032 ROOM 310	CD7	Copper	130
Lead	3	01CF032 ROOM 310	CD8	Copper	130
Lead	3	01CF032 ROOM 310	CD9	Copper	130
Lead	2	01CF032 ROOM 310	CD10	Copper	130

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

- Results in RED exceed 15 ppb lead or 1,300 ppb copper

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	4	01DW001 OFF BOILER ROOM	P1	Copper	320
Lead	ND	01DW001 OFF BOILER ROOM	P2	Copper	320
Lead	ND	01DW001 OFF BOILER ROOM	F01	Copper	170
Lead	ND	01DW001 OFF BOILER ROOM	F02	Copper	90
Lead	ND	01WC002 NEXT TO FAN ROOM	P1	Copper	650
Lead	12	01WC002 NEXT TO FAN ROOM	P2	Copper	720
Lead	4	01WC002 NEXT TO FAN ROOM	F01	Copper	670
Lead	2	01WC002 NEXT TO FAN ROOM	F02	Copper	160
Lead	4	01CF003 ROOM 109	P1	Copper	180
Lead	31	01CF003 ROOM 109	P2	Copper	140
Lead	ND	01CF003 ROOM 109	F01	Copper	80
Lead	5	01CF003 ROOM 109	F02	Copper	90
Lead	2	01DW004 ROOM 109	P1	Copper	280
Lead	ND	01DW004 ROOM 109	P2	Copper	110
Lead	ND	01DW004 ROOM 109	F01	Copper	90
Lead	ND	01DW004 ROOM 109	F02	Copper	90
Lead	1	01CF005 ROOM 110	P1	Copper	150
Lead	2	01CF005 ROOM 110	P2	Copper	170
Lead	ND	01CF005 ROOM 110	F01	Copper	120
Lead	ND	01CF005 ROOM 110	F02	Copper	100
Lead	1	01DW006 ROOM 110	P1	Copper	390
Lead	ND	01DW006 ROOM 110	P2	Copper	150
Lead	ND	01DW006 ROOM 110	F01	Copper	90
Lead	ND	01DW006 ROOM 110	F02	Copper	90
Lead	4	01CF007 ROOM 108	P1	Copper	170
Lead	4	01CF007 ROOM 108	P2	Copper	290
Lead	2	01CF007 ROOM 108	F01	Copper	100
Lead	3	01CF007 ROOM 108	F02	Copper	100
Lead	3	01DW008 ROOM 108	P1	Copper	390
Lead	3	01DW008 ROOM 108	P2	Copper	160
Lead	3	01DW008 ROOM 108	F01	Copper	90
Lead	2	01DW008 ROOM 108	F02	Copper	90
Lead	9	01DW009 ROOM 111	P1	Copper	360
Lead	14	01DW009 ROOM 111	P2	Copper	260
Lead	2	01DW009 ROOM 111	F01	Copper	140
Lead	2	01DW009 ROOM 111	F02	Copper	90
Lead	4	01CF010 ROOM 111	P1	Copper	160
Lead	5	01CF010 ROOM 111	P2	Copper	130
Lead	3	01CF010 ROOM 111	F01	Copper	100
Lead	4	01CF010 ROOM 111	F02	Copper	90
Lead	17	01CF011 ROOM 107	P1	Copper	140
Lead	24	01CF011 ROOM 107	P2	Copper	300
Lead	4	01CF011 ROOM 107	F01	Copper	100

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.

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	10	01CF011 ROOM 107	F02	Copper	90
Lead	3	01CF013 ROOM 100	P1	Copper	160
Lead	2	01CF013 ROOM 100	P2	Copper	120
Lead	ND	01CF013 ROOM 100	F01	Copper	80
Lead	2	01CF013 ROOM 100	F02	Copper	100
Lead	ND	01CF014 ROOM 100	P1	Copper	120
Lead	3	01CF014 ROOM 100	P2	Copper	130
Lead	3	01CF014 ROOM 100	F01	Copper	100
Lead	ND	01CF014 ROOM 100	F02	Copper	90
Lead	4	01DW015 ROOM 100	P1	Copper	130
Lead	ND	01DW015 ROOM 100	P2	Copper	90
Lead	ND	01DW015 ROOM 100	F01	Copper	90
Lead	2	01DW015 ROOM 100	F02	Copper	100
Lead	ND	01KC016 TEACHER'S LOUNGE	P1	Copper	230
Lead	1	01KC016 TEACHER'S LOUNGE	P2	Copper	190
Lead	ND	01KC016 TEACHER'S LOUNGE	F01	Copper	80
Lead	ND	01KC016 TEACHER'S LOUNGE	F02	Copper	80
Lead	5	01DW017 MAIN HALL BY MEN'S ROOM	P1	Copper	1,320
Lead	1	01DW017 MAIN HALL BY MEN'S ROOM	P2	Copper	340
Lead	ND	01DW017 MAIN HALL BY MEN'S ROOM	F01	Copper	230
Lead	ND	01DW017 MAIN HALL BY MEN'S ROOM	F02	Copper	180
Lead	2	01CF018 ROOM 301	P1	Copper	180
Lead	5	01CF018 ROOM 301	P2	Copper	200
Lead	2	01CF018 ROOM 301	F01	Copper	100
Lead	ND	01CF018 ROOM 301	F02	Copper	100
Lead	3	01DW019 ROOM 302	P1	Copper	260
Lead	1	01DW019 ROOM 302	P2	Copper	140
Lead	ND	01DW019 ROOM 302	F01	Copper	90
Lead	ND	01DW019 ROOM 302	F02	Copper	80
Lead	7	01CF020 ROOM 302	P1	Copper	340
Lead	3	01CF020 ROOM 302	P2	Copper	190
Lead	ND	01CF020 ROOM 302	F01	Copper	90
Lead	ND	01CF020 ROOM 302	F02	Copper	80
Lead	2	01CF021 ROOM 306	P1	Copper	180
Lead	6	01CF021 ROOM 306	P2	Copper	120
Lead	2	01CF021 ROOM 306	F01	Copper	100
Lead	ND	01CF021 ROOM 306	F02	Copper	90
Lead	1	01DW022 ROOM 306	P1	Copper	390
Lead	1	01DW022 ROOM 306	P2	Copper	130
Lead	ND	01DW022 ROOM 306	F01	Copper	100
Lead	ND	01DW022 ROOM 306	F02	Copper	90
Lead	2	01CF023 ROOM 312	P1	Copper	150
Lead	3	01CF023 ROOM 312	P2	Copper	100

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.

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	2	01CF023 ROOM 312	F01	Copper	90
Lead	1	01CF023 ROOM 312	F02	Copper	90
Lead	2	01DW024 ROOM 312	P1	Copper	160
Lead	1	01DW024 ROOM 312	P2	Copper	100
Lead	1	01DW024 ROOM 312	F01	Copper	90
Lead	ND	01DW024 ROOM 312	F02	Copper	80
Lead	4	01DW025 ROOM 307	P1	Copper	320
Lead	9	01DW025 ROOM 307	P2	Copper	320
Lead	17	01DW025 ROOM 307	F01	Copper	110
Lead	1	01DW025 ROOM 307	F02	Copper	100
Lead	11	01CF026 ROOM 307	P1	Copper	180
Lead	12	01CF026 ROOM 307	P2	Copper	140
Lead	1	01CF026 ROOM 307	F01	Copper	100
Lead	1	01CF026 ROOM 307	F02	Copper	100
Lead	4	01DW027 ROOM 311	P1	Copper	300
Lead	8	01DW027 ROOM 311	P2	Copper	170
Lead	2	01DW027 ROOM 311	F01	Copper	120
Lead	ND	01DW027 ROOM 311	F02	Copper	90
Lead	2	01CF028 ROOM 311	P1	Copper	160
Lead	1	01CF028 ROOM 311	P2	Copper	140
Lead	ND	01CF028 ROOM 311	F01	Copper	90
Lead	ND	01CF028 ROOM 311	F02	Copper	80
Lead	23	01DW029 ROOM 308	P1	Copper	310
Lead	12	01DW029 ROOM 308	P2	Copper	140
Lead	1	01DW029 ROOM 308	F01	Copper	90
Lead	ND	01DW029 ROOM 308	F02	Copper	80
Lead	7	01CF030 ROOM 308	P1	Copper	210
Lead	7	01CF030 ROOM 308	P2	Copper	140
Lead	1	01CF030 ROOM 308	F01	Copper	90
Lead	ND	01CF030 ROOM 308	F02	Copper	90
Lead	3	01DW031 ROOM 310	P1	Copper	300
Lead	2	01DW031 ROOM 310	P2	Copper	190
Lead	ND	01DW031 ROOM 310	F01	Copper	90
Lead	ND	01DW031 ROOM 310	F02	Copper	80
Lead	4	01CF032 ROOM 310	P1	Copper	150
Lead	2	01CF032 ROOM 310	P2	Copper	120
Lead	ND	01CF032 ROOM 310	F01	Copper	90
Lead	ND	01CF032 ROOM 310	F02	Copper	90
Lead	2	02KC033 TEMP CLASSROOM	P1	Copper	170
Lead	ND	02KC033 TEMP CLASSROOM	P2	Copper	320
Lead	ND	02KC033 TEMP CLASSROOM	F01	Copper	280
Lead	ND	02KC033 TEMP CLASSROOM	F02	Copper	100
Lead	ND	02DW034 TEMP CLASSROOM	P1	Copper	1,150

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.

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	1	02DW034 TEMP CLASSROOM	P2	Copper	720
Lead	ND	02DW034 TEMP CLASSROOM	F01	Copper	130
Lead	ND	02DW034 TEMP CLASSROOM	F02	Copper	60
Lead	3	01CF013 ROOM 100	A1	Copper	130
Lead	2	01CF013 ROOM 100	A2	Copper	110
Lead	1	01CF013 ROOM 100	A3	Copper	110
Lead	1	01CF013 ROOM 100	A4	Copper	110
Lead	1	01CF013 ROOM 100	A5	Copper	110
Lead	1	01CF013 ROOM 100	A6	Copper	110
Lead	2	01CF013 ROOM 100	A7	Copper	120
Lead	2	01CF013 ROOM 100	A8	Copper	120
Lead	3	01CF013 ROOM 100	A9	Copper	120
Lead	2	01CF013 ROOM 100	A10	Copper	120
Lead	1	01CF018 ROOM 301	B1	Copper	120
Lead	ND	01CF018 ROOM 301	B2	Copper	100
Lead	ND	01CF018 ROOM 301	B3	Copper	100
Lead	1	01CF018 ROOM 301	B4	Copper	90
Lead	ND	01CF018 ROOM 301	B5	Copper	100
Lead	ND	01CF018 ROOM 301	B6	Copper	100
Lead	ND	01CF018 ROOM 301	B7	Copper	100
Lead	ND	01CF018 ROOM 301	B8	Copper	100
Lead	ND	01CF018 ROOM 301	B9	Copper	90
Lead	ND	01CF018 ROOM 301	B10	Copper	90
Lead	1	01CF032 ROOM 310	C1	Copper	110
Lead	1	01CF032 ROOM 310	C2	Copper	100
Lead	1	01CF032 ROOM 310	C3	Copper	100
Lead	6	01CF032 ROOM 310	C4	Copper	110
Lead	ND	01CF032 ROOM 310	C5	Copper	100
Lead	ND	01CF032 ROOM 310	C6	Copper	100
Lead	ND	01CF032 ROOM 310	C7	Copper	90
Lead	ND	01CF032 ROOM 310	C8	Copper	90
Lead	ND	01CF032 ROOM 310	C9	Copper	100
Lead	ND	01CF032 ROOM 310	C10	Copper	90
Lead	ND	02KC033 TEMP CLASSROOM	D1	Copper	150
Lead	ND	02KC033 TEMP CLASSROOM	D2	Copper	100
Lead	ND	02KC033 TEMP CLASSROOM	D3	Copper	70
Lead	ND	02KC033 TEMP CLASSROOM	D4	Copper	50
Lead	ND	02KC033 TEMP CLASSROOM	D5	Copper	ND
Lead	ND	02KC033 TEMP CLASSROOM	D6	Copper	ND
Lead	ND	02KC033 TEMP CLASSROOM	D7	Copper	ND
Lead	ND	02KC033 TEMP CLASSROOM	D8	Copper	ND
Lead	ND	02KC033 TEMP CLASSROOM	D9	Copper	ND
Lead	ND	02KC033 TEMP CLASSROOM	D10	Copper	ND

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.

Pierce Elementary

October 22, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	01WC002 HALL NEXT TO FAN ROOM	P1	Copper	640
Lead	ND	01CF003 ROOM 109	P1	Copper	ND
Lead	ND	01DW004 ROOM 109	P1	Copper	ND
Lead	ND	01CF005 ROOM 110	P1	Copper	ND
Lead	ND	01DW006 ROOM 110	P1	Copper	ND
Lead	ND	01CF007 ROOM 108	P1	Copper	ND
Lead	ND	01DW008 ROOM 108	P1	Copper	ND
Lead	ND	01DW009 ROOM 111	P1	Copper	ND
Lead	ND	01CF010 ROOM111	P1	Copper	ND
Lead	ND	01CF011 ROOM 107	P1	Copper	ND
Lead	ND	01DW012 ROOM 112	P1	Copper	ND
Lead	ND	01CF013 ROOM 100	P1	Copper	ND
Lead	ND	01CF014 ROOM 100	P1	Copper	100
Lead	ND	01DW015 ROOM 100	P1	Copper	450
Lead	ND	01KC016 TEACHERS LOUNGE	P1	Copper	ND
Lead	ND	01DW017 MAIN HALL NEAR MENS RESTROOM	P1	Copper	450
Lead	ND	01CF018 ROOM 301	P1	Copper	ND
Lead	ND	01DW019 ROOM 302	P1	Copper	ND
Lead	ND	01CF020 ROOM 302	P1	Copper	ND
Lead	ND	01CF021 ROOM 306	P1	Copper	ND
Lead	ND	01DW022 ROOM 306	P1	Copper	ND
Lead	ND	01CF023 ROOM 312	P1	Copper	ND
Lead	ND	01DW024 ROOM 312	P1	Copper	ND
Lead	ND	01DW025 ROOM 307	P1	Copper	ND
Lead	ND	01CF026 ROOM 307	P1	Copper	ND
Lead	ND	01CF028 ROOM 311	P1	Copper	ND
Lead	ND	01DW029 ROOM 308	P1	Copper	ND
Lead	ND	01CF030 ROOM 308	P1	Copper	ND
Lead	2	01DW031 ROOM 310	P1	Copper	ND
Lead	ND	01CF032 ROOM 310	P1	Copper	ND
Lead	ND	01CF035 ROOM 112	P1	Copper	ND
Lead	ND	01WC036 HALLWAY NEAR DOOR 4	P1	Copper	700
Lead	ND	04WC039 TEMP ROOM BY PARKING	P1	Copper	620

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