

POST-FILTER INSTALLATION SAMPLING RESULTS REPORT

Neithercut Elementary



INTRODUCTION

During the month of March, 2016, the Department of Licensing and Regulatory Affairs (DLARA) completed replacement of drinking water fixtures at Neithercut 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 26th, 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 Saturday, October 29th, 2016, filters were installed by LARA and sampling of the drinking water through the filters was conducted.

Water Main Description

An internal inspection of the building yielded a four-inch cast iron line that transitioned to galvanized piping and finally, 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 21, 2015

- One hundred and sixty-eight samples from 42 fixtures were collected and sent to the lab for analysis.
- Sixty samples from six specific fixtures were collected to test the deeper part of the plumbing system and sent to the lab for analysis.

March 26, 2016

- One hundred and sixty-eight samples from 42 fixtures were collected and sent to the lab for analysis.
- Sixty samples from six specific fixtures were collected to test the deeper part of the plumbing system and sent to the lab for analysis.

October 29, 2016

- Forty samples from 40 fixtures were collected and sent to the lab for analysis. One room with two fixtures was inaccessible. Samples were taken in a 250 milliliter bottle.

SAMPLING RESULTS

Pre-Fixture Replacement

November 21, 2015

Of the 228 samples:

- Lead Range: Non-Detected (ND) to 342 parts per billion (ppb)
- Copper Range: ND to 560 ppb

Post-Fixture Replacement

March 26, 2016

Of the 228 samples:

- Lead Range: ND to 84 ppb
- Copper Range: ND to 560 ppb

Post-Filter Installation

October 29, 2016

Of the 40 samples:

- Lead Range: ND to 1 ppb
- Copper Range: ND to 70 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 21, 2015

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	8	01DW001 HALL TO RIGHT OF OFFICE	P1	Copper	250
Lead	4	01DW001 HALL TO RIGHT OF OFFICE	P2	Copper	390
Lead	1	01DW001 HALL TO RIGHT OF OFFICE	F01	Copper	70
Lead	ND	01DW001 HALL TO RIGHT OF OFFICE	F02	Copper	70
Lead	21	02KC001 DHHS OFFICE	P1	Copper	300
Lead	8	02KC001 DHHS OFFICE	P2	Copper	730
Lead	1	02KC001 DHHS OFFICE	F01	Copper	190
Lead	ND	02KC001 DHHS OFFICE	F02	Copper	220
Lead	8	01DW002 HALL TO RIGHT OF OFFICE	P1	Copper	150
Lead	1	01DW002 HALL TO RIGHT OF OFFICE	P2	Copper	80
Lead	2	01DW002 HALL TO RIGHT OF OFFICE	F01	Copper	70
Lead	1	01DW002 HALL TO RIGHT OF OFFICE	F02	Copper	50
Lead	34	02KC002 DHHS OFFICE	P1	Copper	210
Lead	10	02KC002 DHHS OFFICE	P2	Copper	320
Lead	4	02KC002 DHHS OFFICE	F01	Copper	560
Lead	1	02KC002 DHHS OFFICE	F02	Copper	180
Lead	12	01DW003 NEXT TO GYM	P1	Copper	150
Lead	2	01DW003 NEXT TO GYM	P2	Copper	220
Lead	1	01DW003 NEXT TO GYM	F01	Copper	130
Lead	ND	01DW003 NEXT TO GYM	F02	Copper	80
Lead	16	01DW004 NEXT TO GYM	P1	Copper	210
Lead	19	01DW004 NEXT TO GYM	P2	Copper	190
Lead	1	01DW004 NEXT TO GYM	F01	Copper	80
Lead	ND	01DW004 NEXT TO GYM	F02	Copper	70
Lead	29	01DW005 LOUNGE	P1	Copper	280
Lead	69	01DW005 LOUNGE	P2	Copper	460
Lead	5	01DW005 LOUNGE	F01	Copper	150
Lead	4	01DW005 LOUNGE	F02	Copper	80
Lead	29	01KC006 LOUNGE	P1	Copper	310
Lead	18	01KC006 LOUNGE	P2	Copper	150
Lead	4	01KC006 LOUNGE	F01	Copper	80
Lead	3	01KC006 LOUNGE	F02	Copper	70
Lead	29	01CF007 ROOM 101	P1	Copper	180
Lead	16	01CF007 ROOM 101	P2	Copper	140
Lead	10	01CF007 ROOM 101	F01	Copper	120
Lead	2	01CF007 ROOM 101	F02	Copper	90
Lead	8	01DW008 ROOM 101	P1	Copper	130
Lead	2	01DW008 ROOM 101	P2	Copper	100
Lead	1	01DW008 ROOM 101	F01	Copper	90
Lead	1	01DW008 ROOM 101	F02	Copper	70
Lead	25	01DW009 ROOM 100	P1	Copper	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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November 21, 2015

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	10	01DW009 ROOM 100	P2	Copper	100
Lead	2	01DW009 ROOM 100	F01	Copper	60
Lead	2	01DW009 ROOM 100	F02	Copper	60
Lead	11	01CF010 ROOM 100	P1	Copper	170
Lead	8	01CF010 ROOM 100	P2	Copper	90
Lead	2	01CF010 ROOM 100	F01	Copper	60
Lead	1	01CF010 ROOM 100	F02	Copper	60
Lead	314	01CF011 LIBRARY	P1	Copper	480
Lead	247	01CF011 LIBRARY	P2	Copper	560
Lead	8	01CF011 LIBRARY	F01	Copper	70
Lead	4	01CF011 LIBRARY	F02	Copper	50
Lead	30	01DW012 LIBRARY	P1	Copper	130
Lead	6	01DW012 LIBRARY	P2	Copper	50
Lead	2	01DW012 LIBRARY	F01	Copper	ND
Lead	1	01DW012 LIBRARY	F02	Copper	ND
Lead	11	01CF013 ROOM 105	P1	Copper	200
Lead	10	01CF013 ROOM 105	P2	Copper	120
Lead	2	01CF013 ROOM 105	F01	Copper	ND
Lead	ND	01CF013 ROOM 105	F02	Copper	ND
Lead	11	01DW014 ROOM 105	P1	Copper	120
Lead	2	01DW014 ROOM 105	P2	Copper	60
Lead	2	01DW014 ROOM 105	F01	Copper	50
Lead	1	01DW014 ROOM 105	F02	Copper	50
Lead	11	01DW015 ROOM 104	P1	Copper	120
Lead	5	01DW015 ROOM 104	P2	Copper	90
Lead	1	01DW015 ROOM 104	F01	Copper	ND
Lead	1	01DW015 ROOM 104	F02	Copper	ND
Lead	15	01CF016 ROOM 104	P1	Copper	170
Lead	6	01CF016 ROOM 104	P2	Copper	100
Lead	1	01CF016 ROOM 104	F01	Copper	ND
Lead	2	01CF016 ROOM 104	F02	Copper	ND
Lead	16	01DW017 ROOM 106	P1	Copper	110
Lead	7	01DW017 ROOM 106	P2	Copper	110
Lead	3	01DW017 ROOM 106	F01	Copper	60
Lead	3	01DW017 ROOM 106	F02	Copper	ND
Lead	5	01CF018 ROOM 106	P1	Copper	120
Lead	3	01CF018 ROOM 106	P2	Copper	60
Lead	2	01CF018 ROOM 106	F01	Copper	ND
Lead	1	01CF018 ROOM 106	F02	Copper	ND
Lead	16	01CF019 ROOM 107	P1	Copper	190
Lead	10	01CF019 ROOM 107	P2	Copper	180

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	01CF019 ROOM 107	F01	Copper	ND
Lead	1	01CF019 ROOM 107	F02	Copper	ND
Lead	19	01DW020 ROOM 107	P1	Copper	70
Lead	2	01DW020 ROOM 107	P2	Copper	ND
Lead	2	01DW020 ROOM 107	F01	Copper	ND
Lead	1	01DW020 ROOM 107	F02	Copper	ND
Lead	9	01DW021 ROOM 109	P1	Copper	120
Lead	13	01DW021 ROOM 109	P2	Copper	210
Lead	2	01DW021 ROOM 109	F01	Copper	ND
Lead	1	01DW021 ROOM 109	F02	Copper	ND
Lead	12	01CF022 ROOM 109	P1	Copper	190
Lead	6	01CF022 ROOM 109	P2	Copper	90
Lead	1	01CF022 ROOM 109	F01	Copper	ND
Lead	ND	01CF022 ROOM 109	F02	Copper	ND
Lead	9	01DW023 ROOM 108	P1	Copper	110
Lead	4	01DW023 ROOM 108	P2	Copper	150
Lead	1	01DW023 ROOM 108	F01	Copper	ND
Lead	1	01DW023 ROOM 108	F02	Copper	ND
Lead	13	01CF024 ROOM 108	P1	Copper	200
Lead	7	01CF024 ROOM 108	P2	Copper	90
Lead	1	01CF024 ROOM 108	F01	Copper	50
Lead	1	01CF024 ROOM 108	F02	Copper	ND
Lead	3	01CF025 ROOM 110	P1	Copper	180
Lead	4	01CF025 ROOM 110	P2	Copper	150
Lead	2	01CF025 ROOM 110	F01	Copper	70
Lead	1	01CF025 ROOM 110	F02	Copper	50
Lead	6	01DW026 ROOM 110	P1	Copper	110
Lead	2	01DW026 ROOM 110	P2	Copper	50
Lead	2	01DW026 ROOM 110	F01	Copper	ND
Lead	1	01DW026 ROOM 110	F02	Copper	ND
Lead	5	01CF027 COPY ROOM	P1	Copper	340
Lead	13	01CF027 COPY ROOM	P2	Copper	390
Lead	4	01CF027 COPY ROOM	F01	Copper	220
Lead	ND	01CF027 COPY ROOM	F02	Copper	80
Lead	30	01CF028 ROOM 112	P1	Copper	320
Lead	19	01CF028 ROOM 112	P2	Copper	160
Lead	4	01CF028 ROOM 112	F01	Copper	70
Lead	ND	01CF028 ROOM 112	F02	Copper	60
Lead	122	01DW029 ROOM 112	P1	Copper	330
Lead	20	01DW029 ROOM 112	P2	Copper	110
Lead	2	01DW029 ROOM 112	F01	Copper	60

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	2	01DW029 ROOM 112	F02	Copper	60
Lead	18	01DW030 ROOM 112	P1	Copper	140
Lead	12	01DW030 ROOM 112	P2	Copper	130
Lead	6	01DW030 ROOM 112	F01	Copper	110
Lead	2	01DW030 ROOM 112	F02	Copper	60
Lead	38	01CF031 ROOM 112	P1	Copper	390
Lead	10	01CF031 ROOM 112	P2	Copper	170
Lead	8	01CF031 ROOM 112	F01	Copper	110
Lead	ND	01CF031 ROOM 112	F02	Copper	70
Lead	11	01CF032 ROOM 113	P1	Copper	200
Lead	11	01CF032 ROOM 113	P2	Copper	130
Lead	ND	01CF032 ROOM 113	F01	Copper	60
Lead	ND	01CF032 ROOM 113	F02	Copper	60
Lead	ND	01DW033 ROOM 113	P1	Copper	ND
Lead	1	01DW033 ROOM 113	P2	Copper	60
Lead	ND	01DW033 ROOM 113	F01	Copper	50
Lead	ND	01DW033 ROOM 113	F02	Copper	50
Lead	20	01DW034 ROOM 115	P1	Copper	260
Lead	12	01DW034 ROOM 115	P2	Copper	280
Lead	2	01DW034 ROOM 115	F01	Copper	80
Lead	ND	01DW034 ROOM 115	F02	Copper	50
Lead	14	01CF035 ROOM 115	P1	Copper	420
Lead	7	01CF035 ROOM 115	P2	Copper	150
Lead	1	01CF035 ROOM 115	F01	Copper	60
Lead	ND	01CF035 ROOM 115	F02	Copper	60
Lead	57	01DW036 ROOM 114	P1	Copper	160
Lead	57	01DW036 ROOM 114	P2	Copper	150
Lead	2	01DW036 ROOM 114	F01	Copper	ND
Lead	ND	01DW036 ROOM 114	F02	Copper	ND
Lead	42	01CF037 ROOM 114	P1	Copper	490
Lead	12	01CF037 ROOM 114	P2	Copper	130
Lead	2	01CF037 ROOM 114	F01	Copper	60
Lead	ND	01CF037 ROOM 114	F02	Copper	50
Lead	25	01DW038 ROOM 116	P1	Copper	160
Lead	17	01DW038 ROOM 116	P2	Copper	110
Lead	3	01DW038 ROOM 116	F01	Copper	60
Lead	1	01DW038 ROOM 116	F02	Copper	50
Lead	342	01CF039 ROOM 116	P1	Copper	560
Lead	11	01CF039 ROOM 116	P2	Copper	140
Lead	1	01CF039 ROOM 116	F01	Copper	60
Lead	1	01CF039 ROOM 116	F02	Copper	60

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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November 21, 2015

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	13	01KC040 KITCHEN	P1	Copper	160
Lead	21	01KC040 KITCHEN	P2	Copper	210
Lead	ND	01KC040 KITCHEN	F01	Copper	110
Lead	ND	01KC040 KITCHEN	F02	Copper	ND
Lead	1	02KC001 DHHS OFFICE	CA1	Copper	260
Lead	1	02KC001 DHHS OFFICE	CA2	Copper	240
Lead	2	02KC001 DHHS OFFICE	CA3	Copper	220
Lead	2	02KC001 DHHS OFFICE	CA4	Copper	190
Lead	2	02KC001 DHHS OFFICE	CA5	Copper	180
Lead	3	02KC001 DHHS OFFICE	CA6	Copper	170
Lead	3	02KC001 DHHS OFFICE	CA7	Copper	160
Lead	3	02KC001 DHHS OFFICE	CA8	Copper	160
Lead	3	02KC001 DHHS OFFICE	CA9	Copper	160
Lead	2	02KC001 DHHS OFFICE	CA10	Copper	160
Lead	1	01KC040 KITCHEN	CB1	Copper	100
Lead	ND	01KC040 KITCHEN	CB2	Copper	ND
Lead	ND	01KC040 KITCHEN	CB3	Copper	ND
Lead	ND	01KC040 KITCHEN	CB4	Copper	ND
Lead	ND	01KC040 KITCHEN	CB5	Copper	ND
Lead	ND	01KC040 KITCHEN	CB6	Copper	ND
Lead	ND	01KC040 KITCHEN	CB7	Copper	ND
Lead	ND	01KC040 KITCHEN	CB8	Copper	ND
Lead	ND	01KC040 KITCHEN	CB9	Copper	ND
Lead	ND	01KC040 KITCHEN	CB10	Copper	ND
Lead	9	01KC006 LOUNGE	CC1	Copper	130
Lead	4	01KC006 LOUNGE	CC2	Copper	110
Lead	3	01KC006 LOUNGE	CC3	Copper	70
Lead	3	01KC006 LOUNGE	CC4	Copper	70
Lead	3	01KC006 LOUNGE	CC5	Copper	60
Lead	2	01KC006 LOUNGE	CC6	Copper	60
Lead	2	01KC006 LOUNGE	CC7	Copper	60
Lead	2	01KC006 LOUNGE	CC8	Copper	50
Lead	2	01KC006 LOUNGE	CC9	Copper	50
Lead	1	01KC006 LOUNGE	CC10	Copper	ND
Lead	12	01SP041	CD1	Copper	340
Lead	4	01SP041	CD2	Copper	180
Lead	2	01SP041	CD3	Copper	130
Lead	3	01SP041	CD4	Copper	130
Lead	3	01SP041	CD5	Copper	120
Lead	3	01SP041	CD6	Copper	120
Lead	2	01SP041	CD7	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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November 21, 2015

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	2	01SP041	CD8	Copper	120
Lead	2	01SP041	CD9	Copper	110
Lead	2	01SP041	CD10	Copper	100
Lead	2	01CF025 ROOM 110	CE1	Copper	80
Lead	ND	01CF025 ROOM 110	CE2	Copper	50
Lead	ND	01CF025 ROOM 110	CE3	Copper	50
Lead	ND	01CF025 ROOM 110	CE4	Copper	ND
Lead	ND	01CF025 ROOM 110	CE5	Copper	ND
Lead	ND	01CF025 ROOM 110	CE6	Copper	ND
Lead	ND	01CF025 ROOM 110	CE7	Copper	ND
Lead	ND	01CF025 ROOM 110	CE8	Copper	ND
Lead	ND	01CF025 ROOM 110	CE9	Copper	ND
Lead	ND	01CF025 ROOM 110	CE10	Copper	ND
Lead	3	01CF039 ROOM 116	CF1	Copper	80
Lead	1	01CF039 ROOM 116	CF2	Copper	60
Lead	1	01CF039 ROOM 116	CF3	Copper	60
Lead	ND	01CF039 ROOM 116	CF4	Copper	60
Lead	ND	01CF039 ROOM 116	CF5	Copper	60
Lead	ND	01CF039 ROOM 116	CF6	Copper	60
Lead	ND	01CF039 ROOM 116	CF7	Copper	50
Lead	ND	01CF039 ROOM 116	CF8	Copper	60
Lead	ND	01CF039 ROOM 116	CF9	Copper	50
Lead	ND	01CF039 ROOM 116	CF10	Copper	50

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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March 26, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	11	01DW001	P1	Copper	240
Lead	4	01DW001	P2	Copper	430
Lead	2	01DW001	F01	Copper	100
Lead	2	01DW001	F02	Copper	60
Lead	3	02KC001 DHHS Office	P1	Copper	310
Lead	ND	02KC001 DHHS Office	P2	Copper	530
Lead	1	02KC001 DHHS Office	F01	Copper	200
Lead	ND	02KC001 DHHS Office	F02	Copper	70
Lead	6	01DW002	P1	Copper	190
Lead	2	01DW002	P2	Copper	80
Lead	1	01DW002	F01	Copper	60
Lead	1	01DW002	F02	Copper	ND
Lead	11	02KC002 DHHS Office	P1	Copper	410
Lead	6	02KC002 DHHS Office	P2	Copper	560
Lead	ND	02KC002 DHHS Office	F01	Copper	280
Lead	ND	02KC002 DHHS Office	F02	Copper	70
Lead	4	01DW003	P1	Copper	240
Lead	1	01DW003	P2	Copper	300
Lead	ND	01DW003	F01	Copper	270
Lead	ND	01DW003	F02	Copper	50
Lead	6	01DW004	P1	Copper	240
Lead	1	01DW004	P2	Copper	70
Lead	ND	01DW004	F01	Copper	70
Lead	ND	01DW004	F02	Copper	50
Lead	26	01DW005	P1	Copper	220
Lead	21	01DW005	P2	Copper	130
Lead	3	01DW005	F01	Copper	100
Lead	3	01DW005	F02	Copper	50
Lead	7	01KC006	P1	Copper	110
Lead	7	01KC006	P2	Copper	70
Lead	3	01KC006	F01	Copper	ND
Lead	2	01KC006	F02	Copper	ND
Lead	39	01CF007	P1	Copper	550
Lead	43	01CF007	P2	Copper	350
Lead	22	01CF007	F01	Copper	290
Lead	3	01CF007	F02	Copper	120
Lead	5	01DW008	P1	Copper	200
Lead	4	01DW008	P2	Copper	130
Lead	2	01DW008	F01	Copper	90
Lead	2	01DW008	F02	Copper	80
Lead	11	01DW009	P1	Copper	270
Lead	6	01DW009	P2	Copper	80
Lead	1	01DW009	F01	Copper	50

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	ND	01DW009	F02	Copper	ND
Lead	4	01CF010	P1	Copper	120
Lead	3	01CF010	P2	Copper	110
Lead	ND	01CF010	F01	Copper	ND
Lead	ND	01CF010	F02	Copper	ND
Lead	9	01CF011	P1	Copper	160
Lead	24	01CF011	P2	Copper	250
Lead	8	01CF011	F01	Copper	60
Lead	2	01CF011	F02	Copper	ND
Lead	9	01DW012	P1	Copper	140
Lead	6	01DW012	P2	Copper	70
Lead	1	01DW012	F01	Copper	ND
Lead	ND	01DW012	F02	Copper	ND
Lead	5	01CF013	P1	Copper	230
Lead	6	01CF013	P2	Copper	130
Lead	4	01CF013	F01	Copper	70
Lead	ND	01CF013	F02	Copper	ND
Lead	2	01DW014	P1	Copper	240
Lead	1	01DW014	P2	Copper	70
Lead	ND	01DW014	F01	Copper	ND
Lead	ND	01DW014	F02	Copper	ND
Lead	21	01DW015	P1	Copper	200
Lead	15	01DW015	P2	Copper	120
Lead	2	01DW015	F01	Copper	ND
Lead	2	01DW015	F02	Copper	ND
Lead	15	01CF016	P1	Copper	130
Lead	11	01CF016	P2	Copper	130
Lead	3	01CF016	F01	Copper	50
Lead	3	01CF016	F02	Copper	50
Lead	5	01DW017	P1	Copper	320
Lead	6	01DW017	P2	Copper	240
Lead	2	01DW017	F01	Copper	120
Lead	2	01DW017	F02	Copper	60
Lead	4	01CF018	P1	Copper	170
Lead	3	01CF018	P2	Copper	100
Lead	2	01CF018	F01	Copper	60
Lead	2	01CF018	F02	Copper	60
Lead	5	01CF019	P1	Copper	360
Lead	8	01CF019	P2	Copper	200
Lead	2	01CF019	F01	Copper	70
Lead	1	01CF019	F02	Copper	60
Lead	4	01DW020	P1	Copper	270
Lead	2	01DW020	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.

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Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	1	01DW020	F01	Copper	ND
Lead	1	01DW020	F02	Copper	ND
Lead	21	01DW021	P1	Copper	300
Lead	23	01DW021	P2	Copper	240
Lead	2	01DW021	F01	Copper	60
Lead	2	01DW021	F02	Copper	ND
Lead	27	01CF022	P1	Copper	310
Lead	5	01CF022	P2	Copper	100
Lead	2	01CF022	F01	Copper	50
Lead	1	01CF022	F02	Copper	ND
Lead	7	01DW023	P1	Copper	200
Lead	7	01DW023	P2	Copper	110
Lead	2	01DW023	F01	Copper	ND
Lead	1	01DW023	F02	Copper	ND
Lead	5	01CF024	P1	Copper	200
Lead	3	01CF024	P2	Copper	150
Lead	2	01CF024	F01	Copper	50
Lead	2	01CF024	F02	Copper	ND
Lead	8	01CF025	P1	Copper	560
Lead	3	01CF025	P2	Copper	320
Lead	1	01CF025	F01	Copper	230
Lead	2	01CF025	F02	Copper	130
Lead	9	01DW026	P1	Copper	100
Lead	5	01DW026	P2	Copper	70
Lead	2	01DW026	F01	Copper	ND
Lead	2	01DW026	F02	Copper	ND
Lead	9	01CF027	P1	Copper	350
Lead	13	01CF027	P2	Copper	470
Lead	7	01CF027	F01	Copper	480
Lead	2	01CF027	F02	Copper	220
Lead	15	01CF028	P1	Copper	280
Lead	17	01CF028	P2	Copper	340
Lead	3	01CF028	F01	Copper	150
Lead	2	01CF028	F02	Copper	110
Lead	22	01DW029	P1	Copper	380
Lead	5	01DW029	P2	Copper	110
Lead	2	01DW029	F01	Copper	80
Lead	1	01DW029	F02	Copper	50
Lead	26	01DW030	P1	Copper	250
Lead	9	01DW030	P2	Copper	190
Lead	4	01DW030	F01	Copper	170
Lead	1	01DW030	F02	Copper	60
Lead	6	01CF031	P1	Copper	200

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.

Neithercut Elementary

March 26, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	7	01CF031	P2	Copper	220
Lead	1	01CF031	F01	Copper	70
Lead	ND	01CF031	F02	Copper	60
Lead	7	01CF032	P1	Copper	210
Lead	8	01CF032	P2	Copper	160
Lead	3	01CF032	F01	Copper	60
Lead	ND	01CF032	F02	Copper	ND
Lead	5	01DW033	P1	Copper	130
Lead	2	01DW033	P2	Copper	60
Lead	ND	01DW033	F01	Copper	50
Lead	ND	01DW033	F02	Copper	ND
Lead	10	01DW034	P1	Copper	250
Lead	11	01DW034	P2	Copper	270
Lead	1	01DW034	F01	Copper	70
Lead	ND	01DW034	F02	Copper	ND
Lead	6	01CF035	P1	Copper	150
Lead	4	01CF035	P2	Copper	130
Lead	ND	01CF035	F01	Copper	ND
Lead	ND	01CF035	F02	Copper	ND
Lead	12	01DW036	P1	Copper	160
Lead	8	01DW036	P2	Copper	90
Lead	1	01DW036	F01	Copper	ND
Lead	ND	01DW036	F02	Copper	ND
Lead	22	01CF037	P1	Copper	150
Lead	7	01CF037	P2	Copper	100
Lead	2	01CF037	F01	Copper	ND
Lead	6	01CF037	F02	Copper	ND
Lead	66	01DW038	P1	Copper	250
Lead	84	01DW038	P2	Copper	220
Lead	23	01DW038	F01	Copper	70
Lead	2	01DW038	F02	Copper	ND
Lead	26	01CF039	P1	Copper	150
Lead	16	01CF039	P2	Copper	80
Lead	1	01CF039	F01	Copper	ND
Lead	1	01CF039	F02	Copper	ND
Lead	4	01KC040	P1	Copper	140
Lead	6	01KC040	P2	Copper	110
Lead	ND	01KC040	F01	Copper	110
Lead	ND	01KC040	F02	Copper	ND
Lead	ND	02KC001	CA1	Copper	150
Lead	ND	02KC001	CA2	Copper	70
Lead	ND	02KC001	CA3	Copper	70
Lead	ND	02KC001	CA4	Copper	70

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.

Neithercut Elementary

March 26, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	02KC001	CA5	Copper	70
Lead	ND	02KC001	CA6	Copper	70
Lead	ND	02KC001	CA7	Copper	70
Lead	ND	02KC001	CA8	Copper	70
Lead	ND	02KC001	CA9	Copper	70
Lead	ND	02KC001	CA10	Copper	70
Lead	ND	01KC040	CB1	Copper	90
Lead	ND	01KC040	CB2	Copper	ND
Lead	ND	01KC040	CB3	Copper	ND
Lead	ND	01KC040	CB4	Copper	ND
Lead	ND	01KC040	CB5	Copper	ND
Lead	ND	01KC040	CB6	Copper	ND
Lead	ND	01KC040	CB7	Copper	ND
Lead	ND	01KC040	CB8	Copper	ND
Lead	ND	01KC040	CB9	Copper	ND
Lead	ND	01KC040	CB10	Copper	ND
Lead	5	01KC006	CC1	Copper	90
Lead	2	01KC006	CC2	Copper	70
Lead	2	01KC006	CC3	Copper	50
Lead	1	01KC006	CC4	Copper	ND
Lead	1	01KC006	CC5	Copper	ND
Lead	ND	01KC006	CC6	Copper	ND
Lead	ND	01KC006	CC7	Copper	ND
Lead	ND	01KC006	CC8	Copper	ND
Lead	ND	01KC006	CC9	Copper	ND
Lead	ND	01KC006	CC10	Copper	ND
Lead	6	01SP041	CD1	Copper	270
Lead	1	01SP041	CD2	Copper	70
Lead	1	01SP041	CD3	Copper	70
Lead	1	01SP041	CD4	Copper	70
Lead	ND	01SP041	CD5	Copper	60
Lead	ND	01SP041	CD6	Copper	60
Lead	ND	01SP041	CD7	Copper	60
Lead	ND	01SP041	CD8	Copper	50
Lead	ND	01SP041	CD9	Copper	50
Lead	ND	01SP041	CD10	Copper	50
Lead	5	01DW025	CE1	Copper	100
Lead	2	01DW025	CE2	Copper	ND
Lead	1	01DW025	CE3	Copper	ND
Lead	1	01DW025	CE4	Copper	ND
Lead	1	01DW025	CE5	Copper	ND
Lead	1	01DW025	CE6	Copper	ND
Lead	1	01DW025	CE7	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.

Neithercut Elementary

March 26, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	1	01DW025	CE8	Copper	ND
Lead	1	01DW025	CE9	Copper	ND
Lead	1	01DW025	CE10	Copper	ND
Lead	15	01CF039	CF1	Copper	90
Lead	2	01CF039	CF2	Copper	50
Lead	ND	01CF039	CF3	Copper	ND
Lead	ND	01CF039	CF4	Copper	ND
Lead	ND	01CF039	CF5	Copper	ND
Lead	ND	01CF039	CF6	Copper	ND
Lead	ND	01CF039	CF7	Copper	ND
Lead	ND	01CF039	CF8	Copper	ND
Lead	ND	01CF039	CF9	Copper	ND
Lead	ND	01CF039	CF10	Copper	ND

Neithercut Elementary

October 29, 2016

Lead	Result (ppb)	Sample Description	Site Code	Copper	Result (ppb)
Lead	ND	01DW001 HALL RIGHT OF OFFICE	P1	Copper	60
Lead	ND	01DW002 HALL RIGHT OF OFFICE	P1	Copper	70
Lead	ND	01DW003 NEXT TO GYM	P1	Copper	ND
Lead	ND	01DW004 NEXT TO GYM	P1	Copper	ND
Lead	ND	01DW005 LOUNGE	P1	Copper	ND
Lead	ND	01KC006 LOUNGE	P1	Copper	ND
Lead	ND	01DW009 ROOM 100	P1	Copper	ND
Lead	ND	01CF010 ROOM 100	P1	Copper	ND
Lead	ND	01CF011 LIBRARY	P1	Copper	ND
Lead	ND	01DW012 LIBRARY	P1	Copper	ND
Lead	ND	01CF013 ROOM 105	P1	Copper	ND
Lead	ND	01DW014 ROOM 105	P1	Copper	ND
Lead	ND	01DW015 ROOM 104	P1	Copper	ND
Lead	ND	01CF016 ROOM 104	P1	Copper	ND
Lead	ND	01DW017 ROOM 106	P1	Copper	ND
Lead	ND	01CF018 ROOM 106	P1	Copper	ND
Lead	ND	01CF019 ROOM 107	P1	Copper	ND
Lead	ND	01DW020 ROOM 107	P1	Copper	ND
Lead	1	01DW021 ROOM 109	P1	Copper	ND
Lead	ND	01CF022 ROOM 109	P1	Copper	ND
Lead	ND	01DW023 ROOM 108	P1	Copper	ND
Lead	ND	01CF024 ROOM 108	P1	Copper	ND
Lead	ND	01DW025 ROOM 110	P1	Copper	ND
Lead	ND	01DW026 ROOM 110	P1	Copper	ND
Lead	ND	01CF027 COPY ROOM	P1	Copper	ND
Lead	ND	01CF028 ROOM 112	P1	Copper	ND
Lead	ND	01DW029 ROOM 112	P1	Copper	ND
Lead	ND	01DW030 ROOM112	P1	Copper	ND
Lead	ND	01CF031 ROOM 112	P1	Copper	ND
Lead	ND	01CF032 ROOM 113	P1	Copper	ND
Lead	ND	01DW033 ROOM 113	P1	Copper	ND
Lead	ND	01DW034 ROOM 115	P1	Copper	ND
Lead	ND	01CF035 ROOM 115	P1	Copper	ND
Lead	ND	01DW036 ROOM 114	P1	Copper	ND
Lead	ND	01CF037 ROOM 114	P1	Copper	ND
Lead	ND	01DW038 ROOM116	P1	Copper	ND
Lead	ND	01CF039 ROOM 116	P1	Copper	ND
Lead	ND	01KC040 KITCHEN	P1	Copper	ND
Lead	ND	02KC001 DHHS OFFICE	P1	Copper	ND
Lead	ND	02KC002 DHHS OFFICE	P1	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.