



Neithercut Elementary School

2010 Crestbrook Lane | Flint, Michigan | 48507

Introduction

On Saturday, November 21, 2015, the Department of Licensing and Regulatory Affairs (DLARA) and the Department of Environmental Quality (DEQ), collectively (Team), conducted a sampling assessment of the plumbing system at the Neithercut Elementary School to determine any potential lead and/or copper sources within the building.

The Team is in the process of replacing all drinking water fixtures in the building. Once replacements are completed, the Team will return and conduct an additional sampling assessment on the new fixtures.

The results of the November 21, 2015, sampling assessments are found below:

Water Service Information

An inspection of the water main from inside the building yielded a four inch cast iron line, which went to galvanized then immediately to a four inch copper line with a brass fitting.

Fixtures with Lead Levels Greater Than 15 Parts per Billion

Based on the sampling conducted, the following fixtures were found to have lead water level results greater than 15 parts per billion (ppb).¹

Location: Drinking Water Bubbler, Next to Gym, (01DW004)
Results: P1=16 parts per billion, P2=19 parts per billion
F01=1 part per billion, F02= non-detect

Location: Drinking Water Bubbler, Lounge, (01DW005)
Results: P1=29 parts per billion, P2=69 parts per billion
F01=5 parts per billion, F02=4 parts per billion

Location: Kitchen Faucet, Lounge, (01KC006)
Results: P1=29 parts per billion, P2=18 parts per billion
F01=4 parts per billion, F02=3 parts per billion

Location: Classroom Faucet, Room 101, (01CF007)
Results: P1=29 parts per billion, P2=16 parts per billion
F01=10 parts per billion, F02=2 parts per billion

¹ After a 12-hour stagnation period, the Team collected four (4) samples at each of the fixtures identified. Two (2) 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 fixture and its connecting plumbing.



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Location: Drinking Water Bubbler, Room 100, (01DW009)
Results: P1=25 parts per billion, P2=10 parts per billion
F01=2 parts per billion, F02=2 parts per billion

Location: Classroom Faucet, Library, (01CF011)
Results: P1=314 parts per billion, P2=247 parts per billion
F01=8 parts per billion, F02=4 parts per billion

Location: Drinking Water Bubbler, Library, (01DW012)
Results: P1=30 parts per billion, P2=6 parts per billion
F01=2 parts per billion, F02=1 parts per billion

Location: Drinking Water Bubbler, Room 106, (01DW017)
Results: P1=16 parts per billion, P2=7 parts per billion
F01=3 parts per billion, F02=3 parts per billion

Location: Classroom Faucet, Room 107, (01CF019)
Results: P1=16 parts per billion, P2=10 parts per billion
F01=2 parts per billion, F02=1 part per billion

Location: Drinking Water Bubbler, Room 107, (01DW020)
Results: P1=19 parts per billion, P2=2 parts per billion
F01=2 parts per billion, F02=1 part per billion

Location: Classroom Faucet, Room 112, (01CF028)
Results: P1=30 parts per billion, P2=19 parts per billion
F01=4 parts per billion, F02= non-detect

Location: Drinking Water Bubbler, Room 112, (01DW029)
Results: P1=122 parts per billion, P2=20 parts per billion
F01=2 parts per billion, F02=2 parts per billion

Location: Drinking Water Bubbler, Room 112, (01DW030)
Results: P1=18 parts per billion, P2=12 parts per billion
F01=6 parts per billion, F02=2 parts per billion

Location: Classroom Faucet, Room 112, (01CF031)
Results: P1=38 parts per billion, P2=10 parts per billion
F01=8 parts per billion, F02= non-detect

Location: Drinking Water Bubbler, Room 115, (01DW034)
Results: P1=20 parts per billion, P2=12 parts per billion
F01=2 parts per billion, F02= non-detect



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Location: Drinking Water Bubbler, Room 114, (01DW036)
Results: P1=57 parts per billion, P2=57 parts per billion
F01=2 parts per billion, F02= non-detect

Location: Classroom Faucet, Room 114, (01CF037)
Results: P1=42 parts per billion, P2=12 parts per billion
F01=2 parts per billion, F02= non-detect

Location: Drinking Water Bubbler, Room 116, (01DW038)
Results: P1=25 parts per billion, P2=17 parts per billion
F01=3 parts per billion, F02=1 part per billion

Location: Classroom Faucet, Room 116, (01CF039)
Results: P1=342 parts per billion, P2=11 parts per billion
F01=1 part per billion, F02=1 part per billion

Location: Kitchen Faucet, Kitchen, (01KC040)
Results: P1=13 parts per billion, P2=21 parts per billion
F01= non-detect, F02= non-detect

Location: Kitchen Faucet, DHHS Office, (02KC001)
Results: P1=21 parts per billion, P2=8 parts per billion
F01=1 part per billion, F02= non-detect

Location: Kitchen Faucet, DHHS Office, (02KC002)
Results: P1=34 parts per billion, P2=10 parts per billion
F01=4 parts per billion, F02=1 part per billion



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Consecutive Sampling Results

This consecutive sampling was used to determine the impact of any lead sources located deep in the supply plumbing of the building. 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)									
DHHS Office Kitchen Faucet (KC001)	1	1	2	2	2	3	3	3	3	2
Lounge Kitchen Faucet (KC006)	9	4	3	3	3	2	2	2	2	1
Room 110 Classroom Faucet (CF025)	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Room 116 Classroom Faucet (CF039)	3	1	1	ND	ND	ND	ND	ND	ND	ND
Kitchen Kitchen Faucet (KC040)	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Swimming Pool (SP041)	12	4	2	3	3	3	2	2	2	2

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Analysis (Pb)	Result (mg/L)	Analysis (Cu)	Result (mg/L)	Sample Description	Site Code	Site Code Description
Lead	0.001	Copper	0.26	02KC001- DHHS OFFICE	CA1	First Sequential Sample
Lead	0.001	Copper	0.24	02KC001- DHHS OFFICE	CA2	Second Sequential Sample
Lead	0.002	Copper	0.22	02KC001- DHHS OFFICE	CA3	Third Sequential Sample
Lead	0.002	Copper	0.19	02KC001- DHHS OFFICE	CA4	Forth Sequential Sample
Lead	0.002	Copper	0.18	02KC001- DHHS OFFICE	CA5	Fifth Sequential Sample
Lead	0.003	Copper	0.17	02KC001- DHHS OFFICE	CA6	Sixth Sequential Sample
Lead	0.003	Copper	0.16	02KC001- DHHS OFFICE	CA7	Seventh Sequential Sample
Lead	0.003	Copper	0.16	02KC001- DHHS OFFICE	CA8	Eigth Sequential Sample
Lead	0.003	Copper	0.16	02KC001- DHHS OFFICE	CA9	Ninth Sequential Sample
Lead	0.002	Copper	0.16	02KC001- DHHS OFFICE	CA10	Tenth Sequential Sample
Lead	0.001	Copper	0.10	01KC040- KITCHEN	CB1	First Sequential Sample
Lead	0.000	Copper	0.00	01KC040- KITCHEN	CB2	Second Sequential Sample
Lead	0.000	Copper	0.00	01KC040- KITCHEN	CB3	Third Sequential Sample
Lead	0.000	Copper	0.00	01KC040- KITCHEN	CB4	Forth Sequential Sample
Lead	0.000	Copper	0.00	01KC040- KITCHEN	CB5	Fifth Sequential Sample
Lead	0.000	Copper	0.00	01KC040- KITCHEN	CB6	Sixth Sequential Sample
Lead	0.000	Copper	0.00	01KC040- KITCHEN	CB7	Seventh Sequential Sample
Lead	0.000	Copper	0.00	01KC040- KITCHEN	CB8	Eigth Sequential Sample
Lead	0.000	Copper	0.00	01KC040- KITCHEN	CB9	Ninth Sequential Sample
Lead	0.000	Copper	0.00	01KC040- KITCHEN	CB10	Tenth Sequential Sample
Lead	0.009	Copper	0.13	01KC006- LOUNGE	CC1	First Sequential Sample
Lead	0.004	Copper	0.11	01KC006- LOUNGE	CC2	Second Sequential Sample
Lead	0.003	Copper	0.07	01KC006- LOUNGE	CC3	Third Sequential Sample
Lead	0.003	Copper	0.07	01KC006- LOUNGE	CC4	Forth Sequential Sample
Lead	0.003	Copper	0.06	01KC006- LOUNGE	CC5	Fifth Sequential Sample
Lead	0.002	Copper	0.06	01KC006- LOUNGE	CC6	Sixth Sequential Sample
Lead	0.002	Copper	0.06	01KC006- LOUNGE	CC7	Seventh Sequential Sample
Lead	0.002	Copper	0.05	01KC006- LOUNGE	CC8	Eigth Sequential Sample
Lead	0.002	Copper	0.05	01KC006- LOUNGE	CC9	Ninth Sequential Sample
Lead	0.001	Copper	0.00	01KC006- LOUNGE	CC10	Tenth Sequential 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 ppm for Lead or 1.3ppm for Copper

1 ppb = 0.001 mg/l

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Analysis (Pb)	Result (mg/L)	Analysis (Cu)	Result (mg/L)	Sample Description	Site Code	Site Code Description
Lead	0.012	Copper	0.34	01SP041	CD1	First Sequential Sample
Lead	0.004	Copper	0.18	01SP041	CD2	Second Sequential Sample
Lead	0.002	Copper	0.13	01SP041	CD3	Third Sequential Sample
Lead	0.003	Copper	0.13	01SP041	CD4	Forth Sequential Sample
Lead	0.003	Copper	0.12	01SP041	CD5	Fifth Sequential Sample
Lead	0.003	Copper	0.12	01SP041	CD6	Sixth Sequential Sample
Lead	0.002	Copper	0.12	01SP041	CD7	Seventh Sequential Sample
Lead	0.002	Copper	0.12	01SP041	CD8	Eigth Sequential Sample
Lead	0.002	Copper	0.11	01SP041	CD9	Ninth Sequential Sample
Lead	0.002	Copper	0.10	01SP041	CD10	Tenth Sequential Sample
Lead	0.002	Copper	0.08	01CF025- ROOM 110	CE1	First Sequential Sample
Lead	0.000	Copper	0.05	01CF025- ROOM 110	CE2	Second Sequential Sample
Lead	0.000	Copper	0.05	01CF025- ROOM 110	CE3	Third Sequential Sample
Lead	0.000	Copper	0.00	01CF025- ROOM 110	CE4	Forth Sequential Sample
Lead	0.000	Copper	0.00	01CF025- ROOM 110	CE5	Fifth Sequential Sample
Lead	0.000	Copper	0.00	01CF025- ROOM 110	CE6	Sixth Sequential Sample
Lead	0.000	Copper	0.00	01CF025- ROOM 110	CE7	Seventh Sequential Sample
Lead	0.000	Copper	0.00	01CF025- ROOM 110	CE8	Eigth Sequential Sample
Lead	0.000	Copper	0.00	01CF025- ROOM 110	CE9	Ninth Sequential Sample
Lead	0.000	Copper	0.00	01CF025- ROOM 110	CE10	Tenth Sequential Sample
Lead	0.003	Copper	0.08	01CF039 ROOM 116	CF1	First Sequential Sample
Lead	0.001	Copper	0.06	01CF039 ROOM 116	CF2	Second Sequential Sample
Lead	0.001	Copper	0.06	01CF039 ROOM 116	CF3	Third Sequential Sample
Lead	0.000	Copper	0.06	01CF039 ROOM 116	CF4	Forth Sequential Sample
Lead	0.000	Copper	0.06	01CF039 ROOM 116	CF5	Fifth Sequential Sample
Lead	0.000	Copper	0.06	01CF039 ROOM 116	CF6	Sixth Sequential Sample
Lead	0.000	Copper	0.05	01CF039 ROOM 116	CF7	Seventh Sequential Sample
Lead	0.000	Copper	0.06	01CF039 ROOM 116	CF8	Eigth Sequential Sample
Lead	0.000	Copper	0.05	01CF039 ROOM 116	CF9	Ninth Sequential Sample
Lead	0.000	Copper	0.05	01CF039 ROOM 116	CF10	Tenth Sequential Sample
Lead	0.015	Copper	0.17	01CF016 ROOM 104	P1	First Primary draw of 125 milliliters
Lead	0.006	Copper	0.10	01CF016 ROOM 104	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.00	01CF016 ROOM 104	F01	Flush Sample taken 30 Seconds after Second
Lead	0.002	Copper	0.00	01CF016 ROOM 104	F02	Flush Sample taken 2 minutes after First Flush

Note: Results of "Not Detected" have been converted to a numerical value of zero to allow for ease of sorting.

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Analysis (Pb)	Result (mg/L)	Analysis (Cu)	Result (mg/L)	Sample Description	Site Code	Site Code Description
Lead	0.016	Copper	0.19	01CF019 ROOM 107	P1	First Primary draw of 125 milliliters
Lead	0.010	Copper	0.18	01CF019 ROOM 107	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	01CF019 ROOM 107	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.00	01CF019 ROOM 107	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.008	Copper	0.13	01DW008 ROOM 101	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.10	01DW008 ROOM 101	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.09	01DW008 ROOM 101	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.07	01DW008 ROOM 101	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.011	Copper	0.12	01DW015 ROOM 104	P1	First Primary draw of 125 milliliters
Lead	0.005	Copper	0.09	01DW015 ROOM 104	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.00	01DW015 ROOM 104	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.00	01DW015 ROOM 104	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.030	Copper	0.13	01DW012 LIBRARY	P1	First Primary draw of 125 milliliters
Lead	0.006	Copper	0.05	01DW012 LIBRARY	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	01DW012 LIBRARY	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.00	01DW012 LIBRARY	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.314	Copper	0.48	01CF011 LIBRARY	P1	First Primary draw of 125 milliliters
Lead	0.247	Copper	0.56	01CF011 LIBRARY	P2	Second Primary draw of 125 milliliters
Lead	0.008	Copper	0.07	01CF011 LIBRARY	F01	Flush Sample taken 30 Seconds after Second
Lead	0.004	Copper	0.05	01CF011 LIBRARY	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.016	Copper	0.21	01DW004 NEXT TO GYM	P1	First Primary draw of 125 milliliters
Lead	0.019	Copper	0.19	01DW004 NEXT TO GYM	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.08	01DW004 NEXT TO GYM	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.07	01DW004 NEXT TO GYM	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.029	Copper	0.18	01CF007 ROOM 101	P1	First Primary draw of 125 milliliters
Lead	0.016	Copper	0.14	01CF007 ROOM 101	P2	Second Primary draw of 125 milliliters
Lead	0.010	Copper	0.12	01CF007 ROOM 101	F01	Flush Sample taken 30 Seconds after Second
Lead	0.002	Copper	0.09	01CF007 ROOM 101	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.008	Copper	0.15	01DW002 HALL TO RIGHT OF OFFICE	P1	First Primary draw of 125 milliliters
Lead	0.001	Copper	0.08	01DW002 HALL TO RIGHT OF OFFICE	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.07	01DW002 HALL TO RIGHT OF OFFICE	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.05	01DW002 HALL TO RIGHT OF OFFICE	F02	Flush Sample taken 2 minutes after First Flush

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Lead	0.012	Copper	0.15	01DW003 NEXT TO GYM	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.22	01DW003 NEXT TO GYM	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.13	01DW003 NEXT TO GYM	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.08	01DW003 NEXT TO GYM	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.008	Copper	0.25	01DW001 HALL TO RIGHT OF OFFICE	P1	First Primary draw of 125 milliliters
Lead	0.004	Copper	0.39	01DW001 HALL TO RIGHT OF OFFICE	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.07	01DW001 HALL TO RIGHT OF OFFICE	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.07	01DW001 HALL TO RIGHT OF OFFICE	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.013	Copper	0.16	01KC040 KITCHEN	P1	First Primary draw of 125 milliliters
Lead	0.021	Copper	0.21	01KC040 KITCHEN	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.11	01KC040 KITCHEN	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.00	01KC040 KITCHEN	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.025	Copper	0.16	01DW038 ROOM 116	P1	First Primary draw of 125 milliliters
Lead	0.017	Copper	0.11	01DW038 ROOM 116	P2	Second Primary draw of 125 milliliters
Lead	0.003	Copper	0.06	01DW038 ROOM 116	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.05	01DW038 ROOM 116	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.342	Copper	0.56	01CF039 ROOM 116	P1	First Primary draw of 125 milliliters
Lead	0.011	Copper	0.14	01CF039 ROOM 116	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.06	01CF039 ROOM 116	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.06	01CF039 ROOM 116	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.018	Copper	0.14	01DW030 ROOM 112	P1	First Primary draw of 125 milliliters
Lead	0.012	Copper	0.13	01DW030 ROOM 112	P2	Second Primary draw of 125 milliliters
Lead	0.006	Copper	0.11	01DW030 ROOM 112	F01	Flush Sample taken 30 Seconds after Second
Lead	0.002	Copper	0.06	01DW030 ROOM 112	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.013	Copper	0.20	01CF024 ROOM 108	P1	First Primary draw of 125 milliliters
Lead	0.007	Copper	0.09	01CF024 ROOM 108	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.05	01CF024 ROOM 108	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.00	01CF024 ROOM 108	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.005	Copper	0.34	01CF027 COPY ROOM	P1	First Primary draw of 125 milliliters
Lead	0.013	Copper	0.39	01CF027 COPY ROOM	P2	Second Primary draw of 125 milliliters
Lead	0.004	Copper	0.22	01CF027 COPY ROOM	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.08	01CF027 COPY ROOM	F02	Flush Sample taken 2 minutes after First Flush

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Lead	0.014	Copper	0.42	01CF035 ROOM 115	P1	First Primary draw of 125 milliliters
Lead	0.007	Copper	0.15	01CF035 ROOM 115	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.06	01CF035 ROOM 115	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.06	01CF035 ROOM 115	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.009	Copper	0.11	01DW023 ROOM 108	P1	First Primary draw of 125 milliliters
Lead	0.004	Copper	0.15	01DW023 ROOM 108	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.00	01DW023 ROOM 108	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.00	01DW023 ROOM 108	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.020	Copper	0.26	01DW034 ROOM 115	P1	First Primary draw of 125 milliliters
Lead	0.012	Copper	0.28	01DW034 ROOM 115	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.08	01DW034 ROOM 115	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.05	01DW034 ROOM 115	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.038	Copper	0.39	01CF031 ROOM 112	P1	First Primary draw of 125 milliliters
Lead	0.010	Copper	0.17	01CF031 ROOM 112	P2	Second Primary draw of 125 milliliters
Lead	0.008	Copper	0.11	01CF031 ROOM 112	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.07	01CF031 ROOM 112	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.019	Copper	0.07	01DW020 ROOM 107	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	01DW020 ROOM 107	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	01DW020 ROOM 107	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.00	01DW020 ROOM 107	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.012	Copper	0.19	01CF022 ROOM 109	P1	First Primary draw of 125 milliliters
Lead	0.006	Copper	0.09	01CF022- ROOM 109	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.00	01CF022- ROOM 109	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.00	01CF022- ROOM 109	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.011	Copper	0.20	01CF013- ROOM 105	P1	First Primary draw of 125 milliliters
Lead	0.010	Copper	0.12	01CF013- ROOM 105	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	01CF013- ROOM 105	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.00	01CF013- ROOM 105	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.034	Copper	0.21	02KC002- DHHS OFFICE	P1	First Primary draw of 125 milliliters
Lead	0.010	Copper	0.32	02KC002- DHHS OFFICE	P2	Second Primary draw of 125 milliliters
Lead	0.004	Copper	0.56	02KC002- DHHS OFFICE	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.18	02KC002- DHHS-OFFICE	F02	Flush Sample taken 2 minutes after First Flush

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Results in RED exceed 15 ppm for Lead or 1.3ppm for Copper

1 ppb = 0.001 mg/l

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Analysis (Pb)	Result (mg/L)	Analysis (Cu)	Result (mg/L)	Sample Description	Site Code	Site Code Description
Lead	0.021	Copper	0.30	02KC001- DHHS OFFICE	P1	First Primary draw of 125 milliliters
Lead	0.008	Copper	0.73	02KC001- DHHS OFFICE	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.19	02KC001- DHHS OFFICE	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.22	02KC001- DHHS OFFICE	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.011	Copper	0.12	01DW014- ROOM 105	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.06	01DW014- ROOM 105	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.05	01DW014- ROOM 105	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.05	01DW014- ROOM 105	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.009	Copper	0.12	01DW021- ROOM 109	P1	First Primary draw of 125 milliliters
Lead	0.013	Copper	0.21	01DW021- ROOM 109	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	01DW021- ROOM 109	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.00	01DW021- ROOM 109	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.011	Copper	0.17	01CF010- ROOM 100	P1	First Primary draw of 125 milliliters
Lead	0.008	Copper	0.09	01CF010- ROOM 100	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.06	01CF010- ROOM 100	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.06	01CF010- ROOM 100	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.029	Copper	0.28	01DW005- LOUNGE	P1	First Primary draw of 125 milliliters
Lead	0.069	Copper	0.46	01DW005- LOUNGE	P2	Second Primary draw of 125 milliliters
Lead	0.005	Copper	0.15	01DW005- LOUNGE	F01	Flush Sample taken 30 Seconds after Second
Lead	0.004	Copper	0.08	01DW005- LOUNGE	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.025	Copper	0.15	01DW009- ROOM 100	P1	First Primary draw of 125 milliliters
Lead	0.010	Copper	0.10	01DW009- ROOM 100	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.06	01DW009- ROOM 100	F01	Flush Sample taken 30 Seconds after Second
Lead	0.002	Copper	0.06	01DW009- ROOM 100	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.029	Copper	0.31	01KC006- LOUNGE	P1	First Primary draw of 125 milliliters
Lead	0.018	Copper	0.15	01KC006- LOUNGE	P2	Second Primary draw of 125 milliliters
Lead	0.004	Copper	0.08	01KC006- LOUNGE	F01	Flush Sample taken 30 Seconds after Second
Lead	0.003	Copper	0.07	01KC006- LOUNGE	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.016	Copper	0.11	01DW017- ROOM 106	P1	First Primary draw of 125 milliliters
Lead	0.007	Copper	0.11	01DW017- ROOM 106	P2	Second Primary draw of 125 milliliters
Lead	0.003	Copper	0.06	01DW017- ROOM 106	F01	Flush Sample taken 30 Seconds after Second
Lead	0.003	Copper	0.00	01DW017- ROOM 106	F02	Flush Sample taken 2 minutes after First Flush

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 ppm for Lead or 1.3ppm for Copper

1 ppb = 0.001 mg/l

Neithercut Elementary School
2010 Crestbrook Lane
Flint, MI 48507

Analysis (Pb)	Result (mg/L)	Analysis (Cu)	Result (mg/L)	Sample Description	Site Code	Site Code Description
Lead	0.005	Copper	0.12	01CF018- ROOM 106	P1	First Primary draw of 125 milliliters
Lead	0.003	Copper	0.06	01CF018- ROOM 106	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	01CF018- ROOM 106	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.00	01CF018- ROOM 106	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.006	Copper	0.11	01DW026- ROOM 110	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.05	01DW026- ROOM 110	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	01DW026- ROOM 110	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.00	01DW026- ROOM 110	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.122	Copper	0.33	01DW029- ROOM 112	P1	First Primary draw of 125 milliliters
Lead	0.020	Copper	0.11	01DW029- ROOM 112	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.06	01DW029- ROOM 112	F01	Flush Sample taken 30 Seconds after Second
Lead	0.002	Copper	0.06	01DW029- ROOM 112	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.057	Copper	0.16	01DW036- ROOM 114	P1	First Primary draw of 125 milliliters
Lead	0.057	Copper	0.15	01DW036- ROOM 114	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	01DW036- ROOM 114	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.00	01DW036- ROOM 114	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.030	Copper	0.32	01CF028- ROOM 112	P1	First Primary draw of 125 milliliters
Lead	0.019	Copper	0.16	01CF028- ROOM 112	P2	Second Primary draw of 125 milliliters
Lead	0.004	Copper	0.07	01CF028- ROOM 112	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.06	01CF028- ROOM 112	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.042	Copper	0.49	01CF037- ROOM 114	P1	First Primary draw of 125 milliliters
Lead	0.012	Copper	0.13	01CF037- ROOM 114	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.06	01CF037- ROOM 114	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.05	01CF037- ROOM 114	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.000	Copper	0.00	01DW033- ROOM 113	P1	First Primary draw of 125 milliliters
Lead	0.001	Copper	0.06	01DW033- ROOM 113	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.05	01DW033- ROOM 113	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.05	01DW033- ROOM 113	F02	Flush Sample taken 2 minutes after First Flush
Lead	0.011	Copper	0.20	01CF032- ROOM 113	P1	First Primary draw of 125 milliliters
Lead	0.011	Copper	0.13	01CF032- ROOM 113	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.06	01CF032- ROOM 113	F01	Flush Sample taken 30 Seconds after Second
Lead	0.000	Copper	0.06	01CF032- ROOM 113	F02	Flush Sample taken 2 minutes after First Flush

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 ppm for Lead or 1.3ppm for Copper

1 ppb = 0.001 mg/l

Neithercut Elementary School
2010 Crestbrook Lane
Flint, MI 48507

Analysis (Pb)	Result (mg/L)	Analysis (Cu)	Result (mg/L)	Sample Description	Site Code	Site Code Description
Lead	0.003	Copper	0.18	01CF025- ROOM 110	P1	First Primary draw of 125 milliliters
Lead	0.004	Copper	0.15	01CF025- ROOM 110	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.07	01CF025- ROOM 110	F01	Flush Sample taken 30 Seconds after Second
Lead	0.001	Copper	0.05	01CF025- ROOM 110	F02	Flush Sample taken 2 minutes after First Flush

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 ppm for Lead or 1.3ppm for Copper

1 ppb = 0.001 mg/l

Sampling Date: November 21, 2015

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