

1 RESULTS TABLE:

Sample #	Location	1 st draw (FD)	Results (ppb)	LCR Action Level ⁽¹⁾ (ppb)
1	Classroom 110	FD	7.95	15
2	Classroom 111	FD	9.55	15
3	Classroom 112	FD	4.64	15
4	Kitchen 106	FD	6.46	15
5	Kitchen 106	FD	3.27	15
6	Classroom 107	FD	3.33	15
7	Hallway at 107	FD	ND	15
8	Hallway at 107	FD	ND	15
9	Classroom 113	FD	6.78	15
10	Classroom 114	FD	9.58	15
11	Classroom 115	FD	5.68	15
12	Classroom 116	FD	30.7	15
13	Classroom 117	FD	6.33	15
14	Classroom 118	FD	23.8	15
15	Classroom 119	FD	5.98	15
16	Classroom 120	FD	99.2	15
17	Classroom 121	FD	ND	15
18	Classroom 122	FD	1.23	15
19	Multi-purpose Room 105	FD	1.36	15
20	Nurse's Office 104	FD	3.07	15
21	Nurse's Office 104	FD	16.9	15
22	Copy Room 103	FD	4.35	15
23	Main Office 101	FD	5.50	15
24	Hallway at 123	FD	8.97	15
25	Hallway at 123	FD	16.5	15
26	Media Center Off 124	FD	21.8	15
27	Faculty Room 127	FD	8.41	15
28	Classroom 135	FD	5.37	15
29	Classroom 134	FD	3.66	15
30	Classroom 137	FD	8.59	15
31	Classroom 136	FD	6.54	15
32	Classroom 139	FD	5.57	15
33	Classroom 138	FD	14.7	15
34	Classroom 140	FD	4.99	15
35	Classroom 141	FD	4.06	15
36	Classroom 142	FD	11.4	15
37	Classroom 143	FD	9.74	15
38	Classroom 144	FD	9.01	15
39	Classroom 145	FD	4.51	15
40	Classroom 146	FD	ND	15

41	Classroom 148	FD	2.99	15
42	Classroom 148	FD	ND	15
43	Classroom 149	FD	ND	15
44	Classroom 149	FD	ND	15
45	Hall at Gym 150 Left	FD	ND	15
46	Hall at Gym 150 Right	FD	ND	15
47	Trip Blank	FD	ND	15

(1) EPA Lead in Copper Rule (1991) Action Level for water suppliers (municipalities and private wells) and March 2016 Newark Public Schools Lead Water Testing Sampling Plan.

FD – First Draw Sample

FL – Flush Sample (30 sec)

ND – Indicates that the analyte was not detected at the reporting limit

2 SAMPLING METHODOLOGY:

First Draw Samples - Without allowing any water to spill until sample collection, samples were collected with a relatively slow flow rate in 250 mL bottles prepared with Nitric Acid (HNO₃) as a preservative.

The samples were packaged in a cooler and shipped to EMSL Analytical, Inc, Cinnaminson, NJ for total lead in potable water analysis (method E200.8 IOC).

3 DISCUSSION OF RESULTS:

Six first draw sample results were above 15 ppb.

4 RECOMMENDATIONS:

Short term:

- Take any outlets with elevated results out of service.
- Conduct further evaluation and testing of outlets with elevated results.

Long Term:

- If additional testing shows similar results (first draw results above 15 ppb) consider replacing the spout of the fountains (may contain brass, adding to lead levels), installing filters (if practical), or fixture replacement.
- Repeat full building testing on an annual basis. Generally this should be performed in August prior to the start of the school season.
- Develop a Lead in Water Management Plan in accordance with the 2006 EPA 3Ts for Reducing Lead in Drinking Water in Schools.

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Sample #	Location	1st draw (FD)	Results (ppb)	LCR Action Level ⁽¹⁾ (ppb)
1	CO.DW.FI-1.110	FD	7.95	15
2	CO.DW.FI-1.111	FD	9.55	15
3	CO.DW.FI-1.112	FD	4.64	15
4	CO.FP.FI-1.Kitch-1	FD	6.46	15
5	CO.FP.FI-1.Kitch-2	FD	3.27	15
6	CO.CS.FI-1.107	FD	3.33	15
7	CO.WC.FI-1.107-1	FD	ND	15
8	CO.WC.FI-1.107-2	FD	ND	15
9	CO.DW.FI-1.113	FD	6.78	15
10	CO.DW.FI-1.114	FD	9.58	15
11	CO.DW.FI-1.115	FD	5.68	15
12	CO.DW.FI-1.116	FD	30.7	15
13	CO.DW.FI-1.117	FD	6.33	15
14	CO.DW.FI-1.118	FD	23.8	15
15	CO.DW.FI-1.119	FD	5.98	15
16	CO.DW.FI-1.120	FD	99.2	15
17	CO.DW.FI-1.121	FD	ND	15
18	CO.DW.FI-1.122	FD	1.23	15
19	CO.WC.FI-1.105	FD	1.36	15
20	CO.NS.FI-1.Nurse	FD	3.07	15
21	CO.TS.FI-1.Nurse	FD	16.9	15
22	CO.CS.FI-1.103	FD	4.35	15
23	CO.TS.FI-1.Office	FD	5.50	15
24	CO.WC.FI-1.123-1	FD	8.97	15
25	CO.WC.FI-1.123-2	FD	16.5	15
26	CO.MS.FI-1.124	FD	21.8	15
27	CO.DW.FI-1.127	FD	8.41	15
28	CO.DW.FI-1.135	FD	5.37	15
29	CO.DW.FI-1.134	FD	3.66	15
30	CO.DW.FI-1.137	FD	8.59	15
31	CO.DW.FI-1.136	FD	6.54	15
32	CO.DW.FI-1.139	FD	5.57	15
33	CO.DW.FI-1.138	FD	14.7	15
34	CO.DW.FI-1.140	FD	4.99	15
35	CO.DW.FI-1.141	FD	4.06	15
36	CO.DW.FI-1.142	FD	11.4	15
37	CO.DW.FI-1.143	FD	9.74	15
38	CO.DW.FI-1.144	FD	9.01	15
39	CO.DW.FI-1.145	FD	4.51	15
40	CO.DW.FI-1.146	FD	ND	15

41	CO.DW.FI-1.148-1	FD	2.99	15
42	CO.DW.FI-1.148-2	FD	ND	15
43	CO.DW.FI-1.149-1	FD	ND	15
44	CO.DW.FI-1.149-2	FD	ND	15
45	CO.WC.FI-1.Gym-1	FD	ND	15
46	CO.WC.FI-1.Gym-2	FD	ND	15
47	Trip Blank	FD	ND	15

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