

**1 RESULTS TABLE:**

Sample #	Location	1 <sup>st</sup> draw (FD)	Results (ppb)	LCR Action Level <sup>(1)</sup> (ppb)
1	Hallway at 159	FD	ND	15
2	Hallway at 159	FD	ND	15
3	Faculty Room 115	FD	5.06	15
4	Multi-purpose Room 111	FD	ND	15
5	Hallway at 112	FD	ND	15
6	Hallway at 112	FD	ND	15
7	Nurse's Office 110	FD	ND	15
8	Nurse's Office 110	FD	1.47	15
9	Main Off. Storage Rm101A	FD	3.93	15
10	Principal's Office 102	FD	1.44	15
11	Classroom 104	FD	2.05	15
12	Classroom 103	FD	2.51	15
13	Classroom 105	FD	1.39	15
14	Classroom 107	FD	1.58	15
15	Classroom 108	FD	1.12	15
16	Classroom 128	FD	1.81	15
17	Classroom 116	FD	1.83	15
18	Classroom 117	FD	1.73	15
19	Classroom 119	FD	ND	15
20	Classroom 118	FD	ND	15
21	Classroom 120	FD	1.82	15
22	Classroom 121	FD	4.15	15
23	Classroom 123	FD	4.26	15
24	Classroom 122	FD	2.76	15
25	Classroom 124	FD	2.72	15
26	Hallway at 142	FD	ND	15
27	Hallway at 142	FD	8.59	15
28	Classroom 130	FD	4.11	15
29	Classroom 129	FD	1.21	15
30	Classroom 131	FD	ND	15
31	Classroom 132	FD	6.22	15
32	Classroom 133	FD	1.11	15
33	Classroom 134	FD	3.15	15
34	Classroom 135	FD	2.45	15
35	Classroom 136	FD	1.60	15
36	Classroom 137	FD	1.65	15
37	Classroom 147A	FD	7.22	15
38	Classroom 148	FD	1.33	15
39	Classroom 149	FD	ND	15
40	Classroom 150	FD	ND	15

41	Classroom 151	FD	2.19	15
42	Classroom 152	FD	ND	15
43	Classroom 152A	FD	ND	15

<sup>(1)</sup> 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 (HNO<sub>3</sub>) 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:

All lead in water results were below the EPA Lead and Copper action level of 15 ppb. No analysis was performed for copper in water.

## 4 RECOMMENDATIONS:

### *Short term:*

- No further action is recommended in regards to outlet testing.

### *Long Term:*

- 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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<b>Sample #</b>	<b>Location</b>	<b>1<sup>st</sup> draw (FD)</b>	<b>Results (ppb)</b>	<b>LCR Action Level <sup>(1)</sup> (ppb)</b>
1	MG.WC.FI-1.159A	FD	ND	15
2	MG.WC.FI-1.159B	FD	ND	15
3	MG.TL.FI-1.115	FD	5.06	15
4	MG.WC.FI-1.MPR	FD	ND	15
5	MG.WC.FI-1.112-1	FD	ND	15
6	MG.WC.FI-1.112-2	FD	ND	15
7	MG.NS.FI-1.Nurse	FD	ND	15
8	MG.TS.FI-1.Nurse	FD	1.47	15
9	MG.CS.FI-1.101A	FD	3.93	15
10	MG.TS.FI-1.102	FD	1.44	15
11	MG.DW.FI-1.104	FD	2.05	15
12	MG.DW.FI-1.103	FD	2.51	15
13	MG.DW.FI-1.105	FD	1.39	15
14	MG.DW.FI-1.107	FD	1.58	15
15	MG.DW.FI-1.108	FD	1.12	15
16	MG.DW.FI-1.128	FD	1.81	15
17	MG.DW.FI-1.116	FD	1.83	15
18	MG.DW.FI-1.117	FD	1.73	15
19	MG.DW.FI-1.119	FD	ND	15
20	MG.DW.FI-1.118	FD	ND	15
21	MG.DW.FI-1.120	FD	1.82	15
22	MG.DW.FI-1.121	FD	4.15	15
23	MG.DW.FI-1.123	FD	4.26	15
24	MG.DW.FI-1.122	FD	2.76	15
25	MG.DW.FI-1.124	FD	2.72	15
26	MG.WC.FI-1.142A	FD	ND	15
27	MG.WC.FI-1.142B	FD	8.59	15
28	MG.DW.FI-1.130	FD	4.11	15
29	MG.DW.FI-1.129	FD	1.21	15
30	MG.DW.FI-1.131	FD	ND	15
31	MG.DW.FI-1.132	FD	6.22	15
32	MG.DW.FI-1.133	FD	1.11	15
33	MG.DW.FI-1.134	FD	3.15	15
34	MG.DW.FI-1.135	FD	2.45	15
35	MG.DW.FI-1.136	FD	1.60	15
36	MG.DW.FI-1.137	FD	1.65	15
37	MG.CS.FI-1.147A	FD	7.22	15
38	MG.DW.FI-1.148	FD	1.33	15
39	MG.DW.FI-1.149	FD	ND	15
40	MG.DW.FI-1.150	FD	ND	15

41	MG.DW.FI-1.151	FD	2.19	15
42	MG.DW.FI-1.152	FD	ND	15
43	MG.DW.FI-1.152A	FD	ND	15

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