

1 RESULTS TABLE:

Sample #	Location	1 st draw (FD)	Results (ppb)	LCR Action Level ⁽¹⁾ (ppb)
1	Main Office Copy Room	FD	4.68	15
2	Hallway-Main Office	FD	1.11	15
3	Hallway-Counseling	FD	4.90	15
4	Nurse's Office (next to Rm 2)	FD	3.13	15
5	Nurse's Office (next to Rm 2)	FD	4.24	15
6	Hall-Custodian Off near Rm 1	FD	ND	15
7	Hall-Custodian Off near Rm 1	FD	ND	15
8	Auditorium Hall	FD	1.71	15
9	Auditorium Hall	FD	1.78	15
10	Hallway at 11A	FD	ND	15
11	Hallway at 11A	FD	ND	15
12	Music Room (MPBR)	FD	ND	15
13	MPR Kitchen	FD	ND	15
14	MPR Kitchen	FD	ND	15
15	MPR Kitchen	FD	4.01	15
16	MPR Kitchen	FD	138	15
17	Faculty Room (near Room 12)	FD	2.95	15
18	Hallway 19	FD	ND	15
19	Hallway 19	FD	ND	15
20	Classroom 18	FD	ND	15
21	Villa Hall Between 1 & 2	FD	ND	15
22	Villa Hall Between 3 & 4	FD	Not Sampled	15
23	Villa Hall Between 3 & 4	FD	ND	15
24	Outside Cafeteria	FD	1.58	15
25	Outside Cafeteria	FD	ND	15
26	Main Kitchen	FD	55.4	15
27	Main Kitchen	FD	87.3	15
28	Main Kitchen	FD	1.46	15
29	Main Kitchen	FD	4.07	15
30	Main Kitchen	FD	3.32	15
31	Main Kitchen	FD	1.03	15
32	Boys Locker Room	FD	1.03	15
33	Girls Locker Room	FD	ND	15
34	Hallway 28	FD	ND	15
35	Hallway 28	FD	ND	15
36	Hallway 35	FD	ND	15
37	Hallway 35	FD	ND	15
38	Classroom 36	FD	2.14	15
39	Café Water Fountain Left	FD	ND	15

40	Café Water Fountain Right	FD	ND	15
41	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:

Three 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	1 st draw (FD)	Results (ppb)	LCR Action Level ⁽¹⁾ (ppb)
1	TL.CS.FI-1.Main Off Copy Rm	FD	4.68	15
2	TL.WC.FI-1.MainOff	FD	1.11	15
3	TL.WC.FI-1.Counseling	FD	4.90	15
4	TL.NS.FI-1.Nurse	FD	3.13	15
5	TL.TS.FI-1.Nurse	FD	4.24	15
6	TL.WC.FI-1.1-1	FD	ND	15
7	TL.WC.FI-1.1-2	FD	ND	15
8	TL.WC.FI-1.Auditorium-1	FD	1.71	15
9	TL.WC.FI-1.Auditorium-2	FD	1.78	15
10	TL.WC.FI-1.11A-1	FD	ND	15
11	TL.WC.FI-1.11A-2	FD	ND	15
12	TL.WC.FI-1.Music	FD	ND	15
13	TL.WC.FI-1.MPR-1	FD	ND	15
14	TL.WC.FI-1.MPR-2	FD	ND	15
15	TL.KC.FI-1.Kitch-5	FD	4.01	15
16	TL.KC.FI-1.Kitch-6	FD	138	15
17	TL.TL.FI-1.Faculty	FD	2.95	15
18	TL.WC.FI-1.19-1	FD	ND	15
19	TL.WC.FI-1.19-2	FD	ND	15
20	TL.DW.FI-1.18	FD	ND	15
21	TL.WC.Villa.1/2-1	FD	ND	15
22	TL.WC.Villa.3/4-1	FD	Not Sampled	15
23	TL.WC.Villa.3/4-2	FD	ND	15
24	TL.WC.FI-1.Cafe-1	FD	1.58	15
25	TL.WC.FI-1.Cafe-2	FD	ND	15
26	TL.FP.FI-1.Kitch-1	FD	55.4	15
27	TL.FP.FI-1.Kitch-2	FD	87.3	15
28	TL.KC.FI-1.Kitch-1	FD	1.46	15
29	TL.KC.FI-1.Kitch-2	FD	4.07	15
30	TL.KC.FI-1.Kitch-3	FD	3.32	15
31	TL.KC.FI-1.Kitch-4	FD	1.03	15
32	TL.WC.FI-1.LockerB	FD	1.03	15
33	TL.WC.FI-1.LockerG	FD	ND	15
34	TL.WC.FI-2.28-1	FD	ND	15
35	TL.WC.FI-2.28-2	FD	ND	15
36	TL.WC.FI-2.35-1	FD	ND	15
37	TL.WC.FI-2.35-2	FD	ND	15
38	TL.DW.FI-2.36	FD	2.14	15
39	Café Water Fountain Left	FD	ND	15

40	Café Water Fountain Right	FD	ND	15
41	Blank	FD	ND	15

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