



LEAD IN POTABLE WATER SCREENING REPORT

INVESTIGATION FOR: Getry Mihalitsianos
Hasbrouck Heights Board of Education
379 Boulevard
Hasbrouck Heights, NJ 07604

SITE INVESTIGATED: Hasbrouck Heights Middle School/High School,
Lincoln School, Euclid School, Franklin Gym and
Depkin Field

ASSESSMENT BY: Thomas Givnish
Omega Environmental Services, Inc.
280 Huyler Street
South Hackensack, NJ 07606

INVESTIGATION
CONDUCTED: 12/26/2024

DATE OF REPORT: 1/28/2025

(Omega Project # 24-12-3543)

TABLE OF CONTENTS

EXECUTIVE SUMMARY/PROJECT OVERVIEW

1. RESULTS TABLE
2. SAMPLING METHODOLOGY
3. DISCUSSION OF RESULTS
4. RECOMMENDATIONS

Appendices:

A. Laboratory Analytical Reports

EXECUTIVE SUMMARY:

Hasbrouck Heights Board of Education requested representative lead in water testing of potable water outlets at Hasbrouck Heights Middle School/High School, Lincoln School, Euclid School, Franklin Gym, and Depkin Field.

Previous Testing

No information related to previous testing was available.

Recent Testing (12/26/2024)

In order to further assess the building water outlets a testing of representative potable outlets was performed on December 26th, 2024.

Reportedly the outlets were flushed the day prior to sampling.

First draw and flush samples (30 second) were collected at 49 water fountains and sinks.

All first draw results were below the Lead and Copper action level of 15 µg/L. Flush samples are not analyzed when first draw <15 µg/L.

See Section 3 Discussion of Results

1 RESULTS TABLE:

Sample #	Location	1 st draw (FD) or flush (FL)	Lead	
			Results (µg/L)	LCR Action Level ⁽¹⁾ (µg/L)
01	Kitchen Single Sink	FD	ND	15
02	Kitchen Single Sink	FL	ND	15
03	Kitchen Pot Filler	FD	ND	15
04	Kitchen Pot Filler	FL	ND	15
05	Kitchen Ice Machine	FD	ND	15
05A	Kitchen Ice Machine	FD	ND	15
06	Kitchen Ice Machine	FL	ND	15
06A	Kitchen Ice Machine	FL	ND	15
07	Kitchen Jug Filler Next to Ice Machine	FD	ND	15
08	Kitchen Jug Filler Next to Ice Machine	FL	ND	15
09	WC @ 100	FD	ND	15
10	WC @ 100	FL	ND	15
11	WC @ 100 Bottle Filler	FD	ND	15
12	WC @ 100 Bottle Filler	FL	ND	15
13	WC @ Stairs Near Old Gym	FD	ND	15
14	WC @ Stairs Near Old Gym	FL	ND	15
15	WC @ Stairs Near Old Gym Bottle Filler	FD	ND	15
16	WC @ Stairs Near Old Gym Bottle Filler	FL	ND	15
17	Nurse's Office Sink	FD	ND	15
18	Nurse's Office Sink	FL	ND	15
19	WC @ Outside Nurse's Office	FD	ND	15
20	WC @ Outside Nurse's Office	FL	ND	15
21	WC @ Outside Nurse's Office Bottle Filler	FD	ND	15
22	WC @ Outside Nurse's Office Bottle Filler	FL	ND	15
23	2 nd Floor Water Cooler Across from 400 AC	FD	ND	15
24	2 nd Floor Water Cooler Across from 400 AC	FL	ND	15
25	2 nd Floor Water Cooler Across from 400 AC Bottle Filler	FD	ND	15
26	2 nd Floor Water Cooler Across from 400 AC Bottle Filler	FL	ND	15
27	WC in Old Gym	FD	ND	15
28	WC in Old Gym	FL	ND	15
29	WC in Old Gym Bottle Filler	FD	ND	15
30	WC in Old Gym Bottle Filler	FL	ND	15
31	Media Center WC L	FD	ND	15
32	Media Center WC L	FL	ND	15
33	Media Center WC R	FD	ND	15
34	Media Center WC R	FL	ND	15
35	Faculty Room 27 Sink	FD	ND	15
36	Faculty Room 27 Sink	FL	ND	15
37	WC @ 26	FD	ND	15
38	WC @ 26	FL	ND	15
39	WC @ 26 Bottle Filler	FD	ND	15
40	WC @ 26 Bottle Filler	FL	ND	15
41	WC Across from 310	FD	ND	15
42	WC Across from 310	FL	ND	15
43	WC Across from 310 Bottle Filler	FD	ND	15

44	WC Across from 310 Bottle Filler	FD	ND	15
45	WC @ 316	FD	ND	15
46	WC @ 316	FL	ND	15
47	WC @ 316 Bottle Filler	FD	ND	15
48	WC @ 316 Bottle Filler	FL	ND	15
49	Lincoln School WC @ Basement Nurse's Office	FD	ND	15
50	Lincoln School WC @ Basement Nurse's Office	FL	ND	15
51	Lincoln School WC @ Basement Nurse's Office Bottle Filler	FD	ND	15
52	Lincoln School WC @ Basement Nurse's Office Bottle Filler	FL	ND	15
53	Lincoln School WC @ 202	FD	ND	15
54	Lincoln School WC @ 202	FL	ND	15
55	Lincoln School WC @ 202 Bottle Filler	FD	ND	15
56	Lincoln School WC @ 2020 Bottle Filler	FL	ND	15
57	Lincoln School Water Closet @ 207	FD	ND	15
58	Lincoln School Water Closet @ 207	FL	ND	15
59	Lincoln School Water Closet @ 207 Bottle Filler	FD	ND	15
60A	Lincoln School WC @ 207 Bottle Filler	FL	ND	15
61	Void	Void	Void	Void
62	Lincoln School Water Closet @ 302	FD	ND	15
63	Lincoln School Water Closet @ 302	FL	ND	15
64	Lincoln School Water Closet @ 302 Bottle Filler	FD	ND	15
65	Lincoln School Water Closet @ 302 Bottle Filler	FL	ND	15
66	Lincoln School Sink in 304	FD	ND	15
67	Lincoln School Sink in 304	FL	ND	15
68	Lincoln School WC @ 306	FD	ND	15
69	Lincoln School WC @ 306	FL	ND	15
70	Lincoln School WC @ 306 Bottle Filler	FD	ND	15
71	Lincoln School WC @ 306 Bottle Filler	FL	ND	15
72	Depkin Field Concession Stand Sink Left	FD	ND	15
73	Depkin Field Concession Stand Sink Left	FL	ND	15
74	Depkin Field Concession Stand Sink Center	FD	ND	15
75	Depkin Field Concession Stand Sink Center	FL	ND	15
76	Depkin Field Concession Stand Sink Right	FD	0.0110	15
77	Depkin Field Concession Stand Sink Right	FL	ND	15
78	Field House Ice Machine	FD	ND	15
78A	Field House Ice Machine	FD	ND	15
79	Field House Ice Machine	FL	ND	15
79A	Field House Ice Machine	FL	ND	15
80	Field House Pot Filler	FD	ND	15
81	Field House Pot Filler	FL	ND	15
82	Franklin Gym WC	FD	ND	15
83	Franklin Gym WC	FL	ND	15
84	Franklin Gym WC Bottle Filler	FD	ND	15
85	Franklin Gym WC Bottle Filler	FL	ND	15
86	Euclid School WC @ Nurse's Office	FD	ND	15
87	Euclid School WC @ Nurse's Office	FL	ND	15
88	Euclid School WC @ Nurse's Office Bottle Filler	FD	ND	15

89	Euclid School WC @ Nurse's Office Bottle Filler	FL	ND	15
90	Euclid School WC @ 202	FD	ND	15
91	Euclid School WC @ 202	FL	ND	15
92	Euclid School WC @ 202 Bottle Filler	FD	ND	15
93	Euclid School WC @ 202 Bottle Filler	FL	ND	15
94	Euclid School WC @ 207 Left	FD	ND	15
95	Euclid School WC @ 207 Left	FL	ND	15
96	Euclid School WC @ 207 Right	FD	ND	15

(*) 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)

NA – Not Analyzed

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.

Flush Samples – After collection of first draw samples the water was allowed to flow at a relatively slow rate for thirty second to flush the fixture and close piping. The flush samples are intended to test the plumbing further upstream from the fixture (behind walls).

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

3 DISCUSSION OF RESULTS:

All first draw results were below the Lead and Copper action level of 15 µg/L. Flush samples are not analyzed when first draw <15 µg/L.

4 RECOMMENDATIONS:

Long Term:

- If additional testing shows similar results (first draw results above 15 µg/L) 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.