



Perth Amboy Public Schools

Administrative Headquarters Building
178 Barracks Street
Perth Amboy, NJ 08861
(732) 376-6200

Michael LoBrace
Business Administrator
Board Secretary



June 12, 2023

EDMUND HMIELESKI JR. EARLY CHILDHOOD CENTER
925 Amboy Ave.
Perth Amboy, NJ 08861

Dear Edmund Hmielecki Jr. E.C.C. Community:

Our school system is committed to protecting student, teacher, and staff health. To protect our community and be in compliance with the Department of Education regulations, the district tested our schools' drinking water for lead.

In accordance with the Department of Education regulations, Edmund Hmielecki Jr. E.C.C. will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 µg/l (parts per billion [ppb]). This includes turning off the outlet unless it is determined the location must remain on for non-drinking purposes. In these cases, a "DO NOT DRINK – SAFE FOR HANDWASHING ONLY" sign will be posted.

Testing Results

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within the district. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the 41 samples taken, all but 4 tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 µg/l [ppb]).

The table below identifies the drinking water outlets that tested above the 15 µg/l for lead, the actual lead level, and what temporary remedial action the Perth Amboy School District has taken to reduce the levels of lead at these locations.

Sample Location	First Draw Result in µg/l (ppb)	Remedial Action
12 EHS-SB-R130 / Room 130 Sink Bubbler	36.2 New 7.17	Disconnected outlet and bottled water provided. Posted signage "DO NOT DRINK- SAFE FOR HANDWASHING ONLY" Re-tested in July 2022 lead in water result: 7.17.
27 EHS-WC-HALL-L Hall by Bathroom (left)	38.8	Disconnected outlet. Location marked "Out of Order".
36 EHS-SF-EXAM / Nurse Office Exam Room Sink Faucet	30.9 New 11.6	Disconnected outlet and bottled water provided. Posted signage "DO NOT DRINK- SAFE FOR HANDWASHING ONLY" Re-tested in July 2022 lead in water results: 11.6.

Health Effects of Lead



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High levels of lead in drinking water can cause health problems. Lead is most dangerous for pregnant women, infants, and children under 6 years of age. It can cause damage to the brain and kidneys and can interfere with the production of red blood cells that carry oxygen to all parts of your body. Exposure to high levels of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposure can lower IQ levels, affect hearing, reduce attention span, and hurt school performance. At *very* high levels, lead can even cause brain damage. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like groundwater, rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and in building plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials. However, even the lead in plumbing materials meeting these new requirements is subject to corrosion. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning *may* contain fairly high levels of lead.

Lead in Drinking Water

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. EPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.

For More Information

For more information about water quality in our schools, contact Carmen Southward, District Director of Operations, at (732) 376-6200.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely,

Michael LoBrace

Business Administrator/Board Secretary

Perth Amboy Board of Education



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Tim Popp
TTI Environmental Inc.
1253 North Church Street
Moorestown, NJ 08057

1/20/2022

Phone: (856) 840-8800
Fax: (856) 840-8815

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 1/5/2022. The results are tabulated on the attached data pages for the following client designated project:

21-211/Edmund Hmielecki

The reference number for these samples is EMSL Order #012200674. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012200674

CustomerID: TTIE54

CustomerPO: 034117

ProjectID:

Attn: **Tim Popp**
TTI Environmental Inc.
1253 North Church Street
Moorestown, NJ 08057

Phone: (856) 840-8800
 Fax: (856) 840-8815
 Received: 1/5/2022 01:45 PM

Project: 21-211/Edmund Hmielewski

Analytical Results

Client Sample Description 1 EHS-SF-WK-R RM 268-warming Kitchen (Right)		Collected: 1/5/2022 8:28:00 AM		Lab ID: 012200674-0001	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 22:29
Client Sample Description 2 EHS-SF-WK-FP RM 268-warming Kitchen (Food Prep)		Collected: 1/5/2022 8:29:00 AM		Lab ID: 012200674-0002	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	7.96	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 22:33
Client Sample Description 3 EHS-PKS RM 272-Practice Kitchen		Collected: 1/5/2022 8:13:00 AM		Lab ID: 012200674-0003	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.17	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 22:35
Client Sample Description 4 EHS-SF-PKR RM 272-Practice Kitchen (right)		Collected: 1/5/2022 8:11:00 AM		Lab ID: 012200674-0004	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.46	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 22:36
Client Sample Description 5 EHS-SB-PKR RM 272-Practice Kitchen (right)		Collected: 1/5/2022 8:12:00 AM		Lab ID: 012200674-0005	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	15.3	1.00 µg/L	1/17/2022 KB	1/18/2022 JW 18:50

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Received: 1/5/2022 01:45 PM

Project: 21-211/Edmund Hmielewski

Analytical Results

Client Sample Description 6 EHS-SF-PKL RM 272-Practice Kitchen (Left)		Collected: 1/5/2022 8:10:00 AM		Lab ID: 012200674-0006	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.64	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 22:38
Client Sample Description 7 EHS-SB-PKL RM 272-Practice Kitchen (Left)		Collected: 1/5/2022 8:10:00 AM		Lab ID: 012200674-0007	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.10	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 22:39
Client Sample Description 8 EHS-SB-R122 RM 122		Collected: 1/5/2022 8:15:00 AM		Lab ID: 012200674-0008	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.08	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 22:41
Client Sample Description 9 EHS-SB-R124 RM 124		Collected: 1/5/2022 8:17:00 AM		Lab ID: 012200674-0009	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.72	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 22:43
Client Sample Description 10 EHS-SB-R126 RM 126		Collected: 1/5/2022 8:19:00 AM		Lab ID: 012200674-0010	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.12	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 22:47

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Analytical Results

Client Sample Description		11 EHS-SB-R128 RM 128	Collected:		1/5/2022 8:23:00 AM	Lab ID:		012200674-0011
Method	Parameter	Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS								
200.8	Lead	ND	1.00 µg/L		1/18/2022	KB	1/18/2022 22:49	KB
Client Sample Description		12 EHS-SB-R130 RM 130	Collected:		1/5/2022 8:24:00 AM	Lab ID:		012200674-0012
Method	Parameter	Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS								
200.8	Lead	36.2	1.00 µg/L		1/18/2022	KB	1/18/2022 22:50	KB
Client Sample Description		13 EHS-SB-R129 RM 129	Collected:		1/5/2022 8:25:00 AM	Lab ID:		012200674-0013
Method	Parameter	Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS								
200.8	Lead	2.84	1.00 µg/L		1/18/2022	KB	1/18/2022 22:55	KB
Client Sample Description		14 EHS-SB-R127 RM 127	Collected:		1/5/2022 8:22:00 AM	Lab ID:		012200674-0014
Method	Parameter	Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS								
200.8	Lead	1.44	1.00 µg/L		1/18/2022	KB	1/18/2022 22:57	KB
Client Sample Description		15 EHS-SB-R123 RM 123	Collected:		1/5/2022 8:18:00 AM	Lab ID:		012200674-0015
Method	Parameter	Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS								
200.8	Lead	1.81	1.00 µg/L		1/18/2022	KB	1/18/2022 22:58	KB

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Analytical Results

Client Sample Description	16 EHS-SB-R121 RM 121	Collected:	1/5/2022 8:16:00 AM	Lab ID:	012200674-0016
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.05	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:00

Client Sample Description	18 EHS-SB-R120 RM 120	Collected:	1/5/2022 8:06:00 AM	Lab ID:	012200674-0017
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.83	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:01

Client Sample Description	19 EHS-SB-R119 RM 119	Collected:	1/5/2022 8:05:00 AM	Lab ID:	012200674-0018
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.43	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:06

Client Sample Description	20 EHS-SB-R118 RM 118	Collected:	1/5/2022 8:04:00 AM	Lab ID:	012200674-0019
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:07

Client Sample Description	21 EHS-SB-R117 RM 117	Collected:	1/5/2022 8:03:00 AM	Lab ID:	012200674-0020
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:09

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Received: 1/5/2022 01:45 PM

Project: 21-211/Edmund Hmielewski

Analytical Results

Client Sample Description	22 EHS-SB-R116 RM 116	Collected:	1/5/2022 8:02:00 AM	Lab ID:	012200674-0021
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.83	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:11

Client Sample Description	23 EHS-SB-R114 RM 114	Collected:	1/5/2022 8:01:00 AM	Lab ID:	012200674-0022
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.64	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:17

Client Sample Description	24 EHS-SB-R113 RM 113	Collected:	1/5/2022 8:00:00 AM	Lab ID:	012200674-0023
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.60	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:24

Client Sample Description	25 EHS-SB-R112 RM 112	Collected:	1/5/2022 7:58:00 AM	Lab ID:	012200674-0024
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.88	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:26

Client Sample Description	26 EHS-SB-R111 RM 111	Collected:	1/5/2022 7:57:00 AM	Lab ID:	012200674-0025
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.91	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:28

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 Fax: (856) 840-8815
 Received: 1/5/2022 01:45 PM

Project: 21-211/Edmund Hmieleski

Analytical Results

Client Sample Description 27 EHS-WC-HALL-L
Hall by Bathroom (left)
Collected: 1/5/2022 7:50:00 AM
Lab ID: 012200674-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	38.8	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:29

Client Sample Description 28 EHS-WC-HALL-L
Hall by Bathroom (Right)
Collected: 1/5/2022 7:51:00 AM
Lab ID: 012200674-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:31

Client Sample Description 30 EHS-IM-R230.2
RM 230-Faculty (french Door)
Collected: 1/5/2022 7:47:00 AM
Lab ID: 012200674-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:32

Client Sample Description 31 EHS-IM-R230
RM 230-Faculty
Collected: 1/5/2022 7:45:00 AM
Lab ID: 012200674-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:34

Client Sample Description 36 EHS-SF-EXAM
Nurse Office Exam 211
Collected: 1/5/2022 7:40:00 AM
Lab ID: 012200674-0030

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	30.9	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:35

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Received: 1/5/2022 01:45 PM

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Analytical Results

Client Sample Description	37 EHS-SB-R110 RM 110	Collected:	1/5/2022 7:26:00 AM	Lab ID:	012200674-0031
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.90	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:37

Client Sample Description	38 EHS-SB-R109 RM 109	Collected:	1/5/2022 7:27:00 AM	Lab ID:	012200674-0032
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:38

Client Sample Description	39 EHS-SB-R108 RM108	Collected:	1/5/2022 7:30:00 AM	Lab ID:	012200674-0033
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.18	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:46

Client Sample Description	40 EHS-SB-R107 RM 107	Collected:	1/5/2022 7:30:00 AM	Lab ID:	012200674-0034
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:48

Client Sample Description	40 EHS-SB-R106 RM106	Collected:	1/5/2022 7:31:00 AM	Lab ID:	012200674-0035
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:49

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Analytical Results

Client Sample Description 40 EHS-SB-R104 RM 104		Collected: 1/5/2022 7:33:00 AM		Lab ID: 012200674-0036	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.03	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:51
Client Sample Description 40 EHS-SB-R103 RM 103		Collected: 1/5/2022 7:34:00 AM		Lab ID: 012200674-0037	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.21	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:52
Client Sample Description 40 EHS-SB-R102 RM 102		Collected: 1/5/2022 7:35:00 AM		Lab ID: 012200674-0038	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	17.8	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:54
Client Sample Description 40 EHS-SB-R101 RM 101		Collected: 1/5/2022 7:35:00 AM		Lab ID: 012200674-0039	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	8.44	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:55
Client Sample Description 28AGHS-BF-HALL-R Hall by Bathroom Right		Collected: 1/5/2022 7:53:00 AM		Lab ID: 012200674-0040	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	1/18/2022 KB	1/18/2022 KB 23:57

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Analytical Results

Client Sample Description		Collected:		Lab ID:	
46 FIELD BLANK Blank		1/5/2022		012200674-0041	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	1/18/2022 KB	1/19/2022 KB 00:02

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results