

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

PERTH AMBOY HIGH SCHOOL 300 Eagle Ave. Perth Amboy, NJ 08861

Dear Perth Amboy Board of Education 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, <u>Perth Amboy High School</u> will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 μ g/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 $\underline{35}$ samples taken, all but $\underline{1}$ tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 μ g/l [ppb]).

The table below identifies the drinking water outlets that tested above the 15 μ g/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	Remedial Action	
	μg/l (ppb)		
31 / PAH-SF-R320C / RM 320/322	32.3	Disconnected outlet. New water filter installed. Re-	
Connector	New Results: Non-	tested in July 2022 lead in water results Non-	
	Detected	Detected.	

Health Effects of Lead

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



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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



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

Phone:

(856) 840-8800 (856) 840-8815

Fax: (856) 840-8815

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 1/12/2022. The results are tabulated on the attached data pages for the following client designated project:

21-211/Perth Amboy HS

The reference number for these samples is EMSL Order #012200860. 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.

1/27/2022



Attn:

EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax:

(856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

EMSL Order: CustomerID:

012200860 TTIE54

CustomerPO:

034117

ProjectID:

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

Phone:

(856) 840-8800

Fax:

(856) 840-8815

Received:

1/12/2022 02:00 PM

Project: 21-211/Perth Amboy HS

Analytical Results

1 / PAH-SF-K1 / Kitchen-Food Prep (Back to Back) Client Sample Description

Collected:

Lab ID:

012200860-0001

8:07:00 AM

1/12/2022

Result Parameter

RL Units

1.00 µg/L

Prep Date & Analyst

Analysis Date & Analyst

METALS

Method

200.8 Lead

2.77

1/21/2022

1/25/2022

KB

Client Sample Description

2 / PAH-SF-K2 / Kitchen-Food Prep (Back to Back)

Collected:

06:59

1/12/2022 8:08:00 AM

Lab ID:

012200860-0002

Method

Result

ND

RL Units

1.00 µg/L

Prep Date & Analyst

1/21/2022

Analysis Date & Analyst

METALS

200.8 Lead

3 / PAH-SF-K3 / Kitchen-Food Prep (Single

Collected:

1/12/2022

07:03

KB

KB

KB

KB

Client Sample Description

Parameter

w/Long T

Lab ID:

012200860-0003

1/25/2022

8:09:00 AM

Method Parameter Result

RL Units

Prep Date & Analyst

Analysis Date & Analyst

METALS

200.8

Lead

ND

1.00 µg/L

1/21/2022

1/25/2022 07:05

KB

KB

Client Sample Description

4 / PAH-SF-K4 / Kitchen-Food Prep (Double Tub)

Collected:

1/12/2022

Lab ID:

012200860-0004

8:10:00 AM

Method

Parameter

Result

ND

RL Units

1.00 µg/L

Prep Date & Analyst

1/21/2022

Analysis Date & Analyst

METALS

200.8

Client Sample Description

5 / PAH-CM-K / Kitchen

Collected:

1/12/2022

Lab ID:

012200860-0005

1/25/2022

07:07

8:11:00 AM

Parameter

Result

Prep Date & Analyst Analysis

Method

200.8

RL Units

Date & Analyst

METALS

Lead

Lead

1.00 µg/L

1/21/2022

1/25/2022 07:14



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax:

Maker)

(856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2@emsl.com EMSL Order: CustomerID: CustomerPO: 012200860 TTIE54 034117

012200860-0006

Analysis

ProjectID:

Lab ID:

Prep

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

Phone:

(856) 840-8800

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(856) 840-8815

Received:

1/12/2022 02:00 PM

Project: 21-211/Perth Amboy HS

Analytical Results

6 / PAH-SF-K5/ Kitchen-Food Prep (w/ Coffee Collected: 1/12/2022 Client Sample Description

8:12:00 AM

Date & Analyst Date & Analyst **RL Units** Parameter Result Method

METALS

ND 1.00 µg/L 1/21/2022 1/25/2022 ΚB 200.8 Lead 07:16

7 / PAH-IM-K / Kitchen Collected: 1/12/2022 Lab ID: 012200860-0007 Client Sample Description

8:06:00 AM

Analysis Prep **RL Units** Date & Analyst Date & Analyst Method Parameter Result

METALS

ND 1.00 µg/L 1/21/2022 KB 1/25/2022 KB 200.8 Lead 07:17

1/12/2022 012200860-0008 8 / PAH-SF-K6 / Kitchen-Food Prep (Angled Table) Collected: Lab ID: Client Sample Description

8:05:00 AM

8:13:00 AM

Prep Analysis Method Parameter Result **RL Units** Date & Analyst Date & Analyst

METALS

1/25/2022 KB 200.8 1.13 1.00 µg/L 1/21/2022 KB Lead 07:19

9 / PAH-SF-K7 / Kitchen-Food Prep (Small Table Collected: 1/12/2022 Lab ID: 012200860-0009 Client Sample Description

8:04:00 AM

Prep Analysis RL Units Date & Analyst Date & Analyst Result Parameter Method

METALS

200.8 1.18 1.00 µg/L 1/21/2022 KB 1/25/2022 KB Lead 07:21

012200860-0010 Client Sample Description 10 / PAH-DW-HALLBGYM / Hall to Boys Gym at Collected: 1/12/2022 Lab ID:

Bathroo

Prep Analysis **RL Units** Date & Analyst Date & Analyst Parameter Result Method

METALS

KB 1/25/2022 KB 1.00 µg/L 1/21/2022 200.8 Lead 07:22



200 Route 130 North, Cinnaminson, NJ 08077

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http://www.EMSL.com EnvChemistry2@emsl.com EMSL Order: CustomerID: CustomerPO: 012200860 TTIE54 034117

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Fax: Received: (856) 840-8815 1/12/2022 02:00 PM

Project: 21-211/Perth Amboy HS

Analytical Results

11 / PAH-IM-TRAINER / Trainers Office-Boys Gym Collected: 1/12/2022 Lab ID: 012200860-0011 Client Sample Description

8:24:00 AM

Prep Analysis Date & Analyst Method Parameter Result **RL Units** Date & Analyst

METALS

200.8 ND 1.00 µg/L 1/21/2022 KB 1/25/2022 Lead 07:24

Lab ID:

Lab ID:

Client Sample Description 12 / PAH-SS-TRAINER / Trainers Office-Boys Gym Collected: 1/12/2022

8:25:00 AM

Prep Analysis

012200860-0012

Result Date & Analyst Date & Analyst Method Parameter **RL Units**

METALS

1.00 µg/L 1/21/2022 KB 1/25/2022 KB 200.8 5.71 Lead 07:31

Client Sample Description 13 / PAH-DW-HALLMAIN / Main Lobby Near Collected: 1/12/2022 Lab ID: 012200860-0013

Bathrooms

7:58:00 AM

Prep Analysis RL Units Date & Analyst Method Parameter Result Date & Analyst

METALS

1/25/2022 1.00 µg/L 1/21/2022 KB KB 200.8 Lead 4.86 07:33

14 / PAH-WC-HALLMAIN / Main Lobby Near 1/12/2022 012200860-0014 Client Sample Description Collected: Lab ID:

Bathrooms

Prep Analysis Parameter **RL Units** Date & Analyst Date & Analyst Method Result

METALS

Client Sample Description

200.8 Lead ND 1.00 µg/L 1/21/2022 KB 1/25/2022 KB

07:35 17 / PAH-SF-NURSEMO / Nurse-Main Office 1/12/2022 012200860-0015

Collected:

7:56:00 AM

7:59:00 AM

Prep Analysis Date & Analyst Method Parameter Result **RL Units** Date & Analyst

METALS

200.8 10.0 1.00 µg/L 1/21/2022 KB 1/25/2022 KB Lead 07:36



200 Route 130 North, Cinnaminson, NJ 08077

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Project: 21-211/Perth Amboy HS

EnvChemistry2@emsl.com

Analytical Results							
Client Sample Description	19 / PAH-DW-HALL102 / Hall A	djacent RM 102	Collected: 1/12/2 7:52:00		012200860-0016		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	1.73	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:38		
Client Sample Description	1 20 / PAH-DW-HALL109 / Hall A	djacent RM 109	Collected: 1/12/2 7:50:00		012200860-0017		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	1.80	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:39		
Client Sample Description	21 / PAH-SF-R115 / RM 115		Collected: 1/12/2 7:48:00		012200860-0018		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:41		
Client Sample Description	22 / PAH-DW-HALL114 / Hall at	t RM 114	Collected: 1/12/2 7:50:00		012200860-0019		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	1.65	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:42		
Client Sample Description	23 / PAH-DW-HALL123 / Hall at	t RM 123	Collected: 1/12/2 7:25:00		012200860-0020		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 μg/L	1/21/2022 KB	1/25/2022 KB		

07:44



200 Route 130 North, Cinnaminson, NJ 08077

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http://www.EMSL.com EnvChemistry2@emsl.com EMSL Order: CustomerID:

012200860 TTIE54 034117

CustomerPO: ProjectID:

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Fax: Received: (856) 840-8815

1/12/2022 02:00 PM

Project: 21-211/Perth Amboy HS

Analytical Results

25 / PAH-DW-HALL200 / Hall at RM 200 Collected: 1/12/2022 Lab ID: 012200860-0021 Client Sample Description 7:42:00 AM Prep Analysis **RL Units** Date & Analyst Date & Analyst Parameter Result Method

METALS

1.33 1.00 µg/L 1/21/2022 KB 1/25/2022 KB 200.8 Lead 08:07

Client Sample Description 27 / PAH-DW-HALL218 / Hall at RM 218 Collected: 1/12/2022 Lab ID: 012200860-0022

7:45:00 AM

Prep Analysis Method Parameter Result **RL Units** Date & Analyst Date & Analyst

METALS

1.00 µg/L 1/21/2022 KB 1/25/2022 KB 1.59 200.8 Lead 08:09

Client Sample Description 28 / PAH-DW-HALL222 / Hall at RM 222 Collected: 1/12/2022 Lab ID: 012200860-0023

7:43:00 AM

Analysis Prep Method Parameter Result **RL Units** Date & Analyst Date & Analyst

METALS

1/25/2022 ND 1.00 µg/L 1/21/2022 KB KB 200.8 Lead 08:10

1/12/2022 Lab ID: 012200860-0024 Client Sample Description 29 / PAH-DW-HALL324 / Hall at RM 324 Collected:

7:28:00 AM

Analysis Prep Method Parameter Result **RL Units** Date & Analyst Date & Analyst

METALS

200.8

08:12 30 / PAH-DW-HALL320 / Hall at RM 320 Collected: 1/12/2022 012200860-0025 Client Sample Description Lab ID:

ND

7:30:00 AM

1/21/2022

KB

1/25/2022

KB

KB

Prep Analysis Parameter **RL Units** Date & Analyst Date & Analyst Result

1.00 µg/L

METALS

Method

200.8 Lead

1.00 µg/L 1/21/2022 1/25/2022 1.80 08:13

Lead



Tim Popp

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Received:

1/12/2022 02:00 PM

Attn:

Project: 21-211/Perth Amboy HS

TTI Environmental Inc.

1253 North Church Street Moorestown, NJ 08057

Analytical Results

31 / PAH-SF-R320C / RM 320/322 Connector

Collected:

Lab ID:

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

012200860-0026

012200860

TTIE54

034117

7:32:00 AM

1/12/2022

Result

RL Units

Prep Date & Analyst

Analysis Date & Analyst

METALS

Method

200.8 Lead

Parameter

32.3

Result

1.00 µg/L

RL Units

1.00 µg/L

1/21/2022

1/21/2022

KB 1/25/2022 KB

Client Sample Description

Client Sample Description

32 / PAH-SF-R316C / RM 316/318 Connector

Collected:

1/12/2022 Lab ID:

08:15

7:34:00 AM

Prep

Date & Analyst

Analysis Date & Analyst

012200860-0027

Method **METALS**

200.8

Client Sample Description

Lead

Parameter

Collected:

1/12/2022

08:19

KB

KB

KB

7:36:00 AM

Lab ID:

KB

KB

012200860-0028

1/25/2022

33 / PAH-DW-HALL309 / Hall at RM 309

7.86

Prep

Method

200.8 Lead Result

ND

RL Units

1.00 µg/L

Date & Analyst

1/21/2022

Analysis Date & Analyst

METALS

Client Sample Description

Parameter

38 / PAH-SF-ROTCC-19 / ROTC Trailer C (19)

Collected:

1/12/2022

Lab ID:

012200860-0029

1/25/2022

08:21

8:34:00 AM

1/12/2022

8:33:00 AM

Prep

Analysis

Method

200.8

Lead

Result

RL Units

1.00 µg/L

Date & Analyst

Date & Analyst

METALS

Parameter

1/21/2022

KB 1/25/2022 08:26

Client Sample Description

39 / PAH-WC--ROTCD-18 / ROTC Trailer D (18)

Collected:

Lab ID:

012200860-0030

Result

ND

RL Units

Prep Date & Analyst

Analysis Date & Analyst

Method **METALS**

ND

1.00 µg/L

1/21/2022

KB 1/25/2022

200.8

Lead

Parameter

08:27



Attn:

EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077 (856) 303-2500 / (856) 858-4571 Phone/Fax:

http://www.EMSL.com EnvChemistry2@emsl.com EMSL Order: CustomerID: CustomerPO: 012200860 TTIE54 034117

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1/12/2022 02:00 PM

Project: 21-211/Perth Amboy HS

Moorestown, NJ 08057

Analytical Results

41 / PAH-WC-ROTCGYM / ROTC Gym-By Trailers 1/12/2022 Lab ID: 012200860-0031 Client Sample Description Collected: 8:30:00 AM Prep Analysis **RL Units** Date & Analyst Date & Analyst Result Method Parameter **METALS**

9.27 1.00 µg/L 1/21/2022 KB 1/25/2022 KB 200.8 Lead 08:29

Client Sample Description 23B / PAH-BF-HALL123 / Hall at Room 123 Collected: 1/12/2022 Lab ID: 012200860-0032

7:26:00 AM

Prep Analysis Date & Analyst Parameter Result **RL Units** Date & Analyst Method

METALS

1/21/2022 KB 1/25/2022 KB 1.00 µg/L ND 200.8 Lead 08:30

14B / PAH-BF-HALLMAIN / Main Lobby Near Collected: 1/12/2022 Lab ID: 012200860-0033 Client Sample Description

Bathrooms

46 / Field Blank

Lead

Analysis

012200860-0035

1/25/2022

08:35

KB

7:59:00 AM

Parameter Result **RL Units** Date & Analyst Date & Analyst Method

METALS

Client Sample Description

Client Sample Description

KB ND 1.00 µg/L 1/21/2022 KB 1/25/2022 200.8 Lead 08:32

> 10B / PAH-BF-HALLGYM / Hall Near Gym Boy Collected: Bathrooms

1/12/2022

Prep

Lab ID:

KB

1/21/2022

012200860-0034 Lab ID:

8:13:00 AM

1/12/2022

Prep Analysis Date & Analyst Date & Analyst Result **RL Units** Parameter Method

METALS

ND 1.00 µg/L 1/21/2022 KB 1/25/2022 KB 200.8 Lead 08:33

Collected:

1.00 µg/L

Prep Analysis Date & Analyst RL Units Date & Analyst Parameter Result Method

200.8

METALS

ND

Page 8 of 9 ChemSmplw/RDL/NELAC-2.19.0.0 Printed: 1/27/2022 1:36:17 PM



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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

EMSL Order:

012200860

CustomerID: CustomerPO:

TTIE54 034117

ProjectID: