

**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077  
Telephone: 856-858-4800 Fax:856-786-5974  
EMSL-CIN-01

**EMSL Order ID:** 012505398**LIMS Reference ID:** AD05398**EMSL Customer ID:** TTIE54**Attention:** TimPopp

TTI Environmental Inc. [TTIE54]  
1253 North Church Street  
Moorestown, NJ 08057  
(856) 840-8800

**Project Name:**

01-00107 - 24-812 Orange Board of  
Education/Lincoln Ave School

**Customer PO:**

040263

**EMSL Sales Rep:**

Sheryl Steinmetz

**Received:**

12/12/2024 09:30

**Reported:**

01/17/2025 16:32

**Analytical Results**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
<b>Sample: LAE-BF-HB101-1/by B101</b> <b>Lims Reference ID: AD05398-01</b> <b>Matrix: Drinking Water</b> <b>Sampled: 12/12/24 06:15:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:01	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample: LAE-SF-NRS-2/Nurses office</b> <b>Lims Reference ID: AD05398-02</b> <b>Matrix: Drinking Water</b> <b>Sampled: 12/12/24 06:16:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:08	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample: LAE-SF-FAC-3/faculty lounge</b> <b>Lims Reference ID: AD05398-03</b> <b>Matrix: Drinking Water</b> <b>Sampled: 12/12/24 06:18:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:10	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample: LAE-SB-C101-4/C101</b> <b>Lims Reference ID: AD05398-04</b> <b>Matrix: Drinking Water</b> <b>Sampled: 12/12/24 06:20:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:12	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample: LAE-SB-C102-5/C102</b> <b>Lims Reference ID: AD05398-05</b> <b>Matrix: Drinking Water</b> <b>Sampled: 12/12/24 06:21:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:15	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample: LAE-SB-C104-6/C103</b> <b>Lims Reference ID: AD05398-06</b> <b>Matrix: Drinking Water</b> <b>Sampled: 12/12/24 06:23:00</b>									
<b>Metals</b>									
Lead	8.79		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:22	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample: LAE-BF-CAF-7/By cafe</b> <b>Lims Reference ID: AD05398-07</b> <b>Matrix: Drinking Water</b> <b>Sampled: 12/12/24 06:27:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:24	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample: LAE-PF-KIT-8/Kitchen</b> <b>Lims Reference ID: AD05398-08</b> <b>Matrix: Drinking Water</b> <b>Sampled: 12/12/24 06:30:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:26	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample: LAE-PF-KIT-9/Kitchen</b> <b>Lims Reference ID: AD05398-09</b> <b>Matrix: Drinking Water</b> <b>Sampled: 12/12/24 06:31:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:28	JW1	EPA 200.8 (DA)/EPA 200.8

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### Analytical Results (Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
<b>Sample:</b> LAE-PF-KIT-10/Kitchen <b>Lims Reference ID:</b> AD05398-10 <b>Matrix:</b> Drinking Water <b>Sampled:</b> 12/12/24 06:33:00									
<b>Metals</b>									
Lead	1.69		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:31	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample:</b> LAE-SF-KIT-11/Kitchen ( prep sink) <b>Lims Reference ID:</b> AD05398-11 <b>Matrix:</b> Drinking Water <b>Sampled:</b> 12/12/24 06:35:00									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:33	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample:</b> LAE-SF-KIT-12/Kitchen ( 2 tub sink ) <b>Lims Reference ID:</b> AD05398-12 <b>Matrix:</b> Drinking Water <b>Sampled:</b> 12/12/24 06:36:00									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:40	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample:</b> LAE-BF-HB301-14/B301 <b>Lims Reference ID:</b> AD05398-13 <b>Matrix:</b> Drinking Water <b>Sampled:</b> 12/12/24 06:41:00									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:42	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample:</b> LAE-BF-HB301-15/By D201 <b>Lims Reference ID:</b> AD05398-14 <b>Matrix:</b> Drinking Water <b>Sampled:</b> 12/12/24 06:43:00									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:49	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample:</b> LAE-BF-HD202-16/BY D202 <b>Lims Reference ID:</b> AD05398-15 <b>Matrix:</b> Drinking Water <b>Sampled:</b> 12/12/24 06:45:00									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:51	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample:</b> LAE-BF-HB201-17/By B201 <b>Lims Reference ID:</b> AD05398-16 <b>Matrix:</b> Drinking Water <b>Sampled:</b> 12/12/24 06:48:00									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:53	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample:</b> LAE-BF-GYM-18/in Gym <b>Lims Reference ID:</b> AD05398-17 <b>Matrix:</b> Drinking Water <b>Sampled:</b> 12/12/24 06:53:00									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:56	JW1	EPA 200.8 (DA)/EPA 200.8
<b>Sample:</b> LAE-BF-GYM-18/in Gym <b>Lims Reference ID:</b> AD05398-18 <b>Matrix:</b> Drinking Water <b>Sampled:</b> 12/12/24 06:53:00									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/26/24 23:58	JW1	EPA 200.8 (DA)/EPA 200.8



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(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
<b>Sample:</b> LAE-WC-GLOC-20/girls locker room <b>Lims Reference ID:</b> AD05398-19 <b>Matrix:</b> Drinking Water <b>Sampled:</b> 12/12/24 06:55:00									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	12/20/24 15:18	12/27/24 00:00	JW1	EPA 200.8 (DA)/EPA 200.8

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**Certified Analyses included in this Report**

Analyte	Certifications
<b><i>EPA 200.8 in Drinking Water</i></b>	
Lead	NJDEP

**List of Certifications**

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	68-00367	11/30/2025
NYSDOH	New York State Department of Health	10872	04/01/2025
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2025
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2025
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/2026
California ELAP	California Water Boards	1877	06/30/2025
AIHA LAP	EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited	100194	01/01/2025
A2LA	A2LA Environmental Certificate	2845.01	07/31/2026

Please see the specific Field of Testing (FOT) on [www.emsl.com](http://www.emsl.com) <<http://www.emsl.com>> for a complete listing of parameters for which EMSL is certified.

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**Notes and Definitions**

Item	Definition
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
RL	Reporting Limit
Wet	Sample is not dry weight corrected.

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

Owen McKenna Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.



## Emsl Order Number / Lab Use Only

01-00107

EMSL Analytical, Inc.  
200 Rt. 130 N  
Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMSL ANALYTICAL, INC.

EMAIL: [EnvChemistry2@EMS.L.com](mailto:EnvChemistry2@EMS.L.com)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this contract.





1253 North Church Street, Moorestown, NJ 08057  
856-840-8800 Fax 856-840-8815

ADD5398

# LEAD IN WATER SAMPLING DATA AND CHAIN OF CUSTODY

PROJECT #: 24-812		CLIENT: Township of Orange School District		FACILITY: Lincoln Avenue School		
PO #: 040263		SAMPLER(S): Adam Fisher		ADDRESS: 216 Lincoln Avenue, Orange NJ 07050		
DATE: 12/12/24						
Sample ID	Location/Description	Time	Sample Type: Initial Flush (30sec / 15min)	Outlet Type:	Volume	Notes: Discolored, Odor, Low Flow, etc.
0	Field Blank	-	N/A	Blank	250mL	
1	LAE-BF-HB101-1 By B101	6:15	Initial	Bottle Filler	250mL	
2	LAE-SF-NRS-2 Nurses Office	6:16	Initial	Sink Faucet	250mL	
3	LAE-SF-FAC-3 Faculty Lounge	6:18	Initial	Sink Faucet	250mL	
4	LAE-SB-C101-4 C101	6:20	Initial	Sink Bubbler	250mL	
5	LAE-SB-C102-5 C102	6:21	Initial	Sink Bubbler	250mL	Bubbler out of order - resample taken from sink
6	LAE-SB-C104-6 <del>C104</del> C103	6:23	Initial	Sink Bubbler	250mL	
7	LAE-BF-CAF-7 By Cafe	6:27	Initial	Bottle Filler	250mL	
8	LAE-PF-KIT-8 Kitchen	6:30	Initial	Pot Filler	250mL	
9	LAE-PF-KIT-9 Kitchen	6:31	Initial	Pot Filler	250mL	
10	LAE-PF-KIT-10 Kitchen	6:33	Initial	Pot Filler	250mL	
11	LAE-SF-KIT-11 Kitchen (Prep Sink)	6:35	Initial	Sink Faucet	250mL	
12	LAE-SF-KIT-12 Kitchen (2 tub sink)	6:36	Initial	Sink Faucet	250mL	
13	LAE-IM-KIT-13 <del>Kitchen</del>	6:38	Initial	Ice Machine	250mL	Disconnected valve blocked off
14	LAE-BF-HB301-14 B301	6:41	Initial	Bottle Filler	250mL	
15	LAE-BF-HD201-15 By D201	6:43	Initial	Bottle Filler	250mL	
16	LAE-BF-HD202-16 By D202	6:45	Initial	Bottle Filler	250mL	
17	LAE-BF-HB201-17 By B201	6:48	Initial	Bottle Filler	250mL	
18	LAE-BF-GYM-18 In Gym	6:53	Initial	Bottle Filler	250mL	



1253 North Church Street, Moorestown, NJ 08057  
856-840-8800 Fax 856-840-8815

AD05398

# LEAD IN WATER SAMPLING DATA AND CHAIN OF CUSTODY

PROJECT #: 24-812		CLIENT: Township of Orange School District		FACILITY: Lincoln Avenue School	
PO #: 040263		SAMPLER(S): <i>Alan Fisher</i>		DATE: 12/12/24	
ADDRESS: 216 Lincoln Avenue, Orange NJ 07050		Sample Type: Initial Flush (30sec / 15min)		Notes: Discolored, Odor, Low Flow, etc.	
Sample ID	Location/Description	Time	Outlet Type:	Volume	Notes:
19	<del>LAE-WC-BLOC-19</del>		<del>Water Cooler</del>	250ml	<i>Removed</i>
20	LAE-WC-GLOC-20	6:55	Water Cooler	250ml	
21			Initial	250ml	
22			Initial	250ml	
23			Initial	250ml	
24			Initial	250ml	
25			Initial	250ml	
26			Initial	250ml	
27			Initial	250ml	
28			Initial	250ml	
29			Initial	250ml	
30			Initial	250ml	
31			Initial	250ml	
32			Initial	250ml	
33			Initial	250ml	
34			Initial	250ml	
35			Initial	250ml	
36			Initial	250ml	
37			Initial	250ml	