



EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ 08077
Telephone: 856-858-4800
<http://www.EMSL.com>

LIMS Order 0100106
EMSL Order ID 012400106

1/3/2025

TTI Environmental, Inc
1253 N Church St
Moorestown, NJ 08054

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 12/18/2024
The results are tabulated on the attached pages for the following client designated project:

24-812 Orange Board of Education/Forest St Community School

The reference number for these samples is EMSL Order #: 0100106. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact the lab at 856-858-4800.

Owen McKenna, 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 Certification #: **03036**

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.



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LIMS Order 0100106
EMSL Order ID 012400106

Attention: TTI Environmental, Inc
1253 N Church St
Moorestown, NJ 08054

Project Name: 24-812 Orange Board of Education/Forest St Community School
Received: December 18, 2024
Reported: January 3, 2025

Analytical Results

Analyte	Result	Q	DF	RL	Units	Preparation Date	Analysis Date	Analyst	Prep/Analytical Method
Sample ID: 0 Field Blank		LIMS ID: 0100106-01			Matrix: Drinking Water		Collected:	12/18/24	
Lead	ND		1	1.00	µg/L	12/23/2024	12/30/2024 8:31:	JW	EPA 200.8
Sample ID: 1 FSS-SF-NRS-1		LIMS ID: 0100106-02			Matrix: Drinking Water		Collected:	12/18/24	
Lead	ND		1	1.00	µg/L	12/23/2024	12/30/2024 8:37:	JW	EPA 200.8
Sample ID: 2-FSS-BF-HMO-2		LIMS ID: 0100106-03			Matrix: Drinking Water		Collected:	12/18/24	
Lead	ND		1	1.00	µg/L	12/23/2024	12/30/2024 8:40:	JW	EPA 200.8
Sample ID: 4-FSS-BF-FAC-4		LIMS ID: 0100106-04			Matrix: Drinking Water		Collected:	12/18/24	
Lead	ND		1	1.00	µg/L	12/23/2024	12/30/2024 8:42:	JW	EPA 200.8
Sample ID: 5-FSS-SF-FAC-5		LIMS ID: 0100106-05			Matrix: Drinking Water		Collected:	12/18/24	
Lead	ND		1	1.00	µg/L	12/23/2024	12/30/2024 8:44:	JW	EPA 200.8
Sample ID: 6-FSS-SF-KIT-6		LIMS ID: 0100106-06			Matrix: Drinking Water		Collected:	12/18/24	
Lead	ND		1	1.00	µg/L	12/23/2024	12/30/2024 8:51:	JW	EPA 200.8
Sample ID: 7-FSS-BF-HR3-7		LIMS ID: 0100106-07			Matrix: Drinking Water		Collected:	12/18/24	
Lead	ND		1	1.00	µg/L	12/23/2024	12/30/2024 8:53:	JW	EPA 200.8
Sample ID: 8-FSS-WF-HR3-8		LIMS ID: 0100106-08			Matrix: Drinking Water		Collected:	12/18/24	
Lead	9.30		1	1.00	µg/L	12/23/2024	12/30/2024 8:56:	JW	EPA 200.8
Sample ID: 20-FSS-BF-3FEL-20		LIMS ID: 0100106-09			Matrix: Drinking Water		Collected:	12/18/24	
Lead	ND		1	1.00	µg/L	12/23/2024	12/30/2024 8:58:	JW	EPA 200.8
Sample ID: 21-FSS-BF-H402-21		LIMS ID: 0100106-10			Matrix: Drinking Water		Collected:	12/18/24	
Lead	ND		1	1.00	µg/L	12/23/2024	12/30/2024 9:00:	JW	EPA 200.8



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EMSL Order ID 012400106

Attention: TTI Environmental, Inc
1253 N Church St
Moorestown, NJ 08054

Project Name: 24-812 Orange Board of Education/Forest St Comm
Received: December 18, 2024
Reported: January 3, 2025

Notes and Definitions

Item	Definition
D	Analyte was reported from a dilution run.
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in a dual column analysis.
NR	Spike/Surrogate show no recovery.
ND	Analyte was NOT DETECTED at or above the reporting limit.
E	Exceedance of project limit.
RL	Reporting Limit
MDL	Method Detection Limit
Q	Qualifier



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Moorestown, NJ 08054

Project Name: 24-812 Orange Board of Education/Forest St Commu
Received: December 18, 2024
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Certification

Code	Description	Number	Expires
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/25
PADEP	Pennsylvania Department of Environmental Protection	68-00367	11/30/24
NYSDOH	New York Department of Public Health	10872	04/01/25
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/25
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/26
California ELAP	California Water Boards	1877	06/30/25
AIHA ELAP	EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited	100194	01/01/25
A2LA	A2LA Environmental Certificate	2845.01	07/31/26



EMSL ANALYTICAL, INC.

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

01-00106

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

PHONE: (800) 220-3675
EMAIL: EnvChemistry2@EMSL.com

Customer Information		Billing ID:	
Customer ID:		Company Name:	Same
Company Name:	TTI Environmental, Inc	Billing Contact:	
Contact Name:	Tim Popp	Street Address:	
Street Address:	1253 N Church St	City, State, Zip:	
City, State, Zip:	Moorestown, NJ 08054	Country:	US
Phone:	856-840-8800	Phone:	
Email(s) for Report:	timp@ttienv.com	Email(s) for Invoice:	

Project Name/No:	24-812 Orange Board of Education/Forest St Community School	Purchase Order:	040263
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EMSL LIMS Project ID:		US State where samples collected:	NJ	State of Connecticut (C.T) must select project location:		Residential (Non-Taxable)	
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Samples for Compliance?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, for NPDES?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other (Specify)		PWS ID:		State Reporting Required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Samples Collected by (Check One):	<input type="checkbox"/> EMSL <input checked="" type="checkbox"/> CLIENT	Samples Received Chilled?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sample(s) Temperature Upon Receipt (LAB ONLY)	
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Sampled By Name:	Adam Fisher	Sampled By Signature:	Adam Fisher	No. of Samples in Shipment:	310
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Turn-Around-Time (TAT)	Standard Turn-Around-Time:	<input checked="" type="checkbox"/> 2 Weeks	The following TAT's are subject to Lab approval. Call lab to confirm TAT before submittal:	<input type="checkbox"/> 1 Week <input type="checkbox"/> 4 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 2 Days <input type="checkbox"/> 1 Day
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Client Sample ID	Comp	Grab	Date / Time Collected	Matrix	Preservative	List Test(s) Needed (Write in test below, then check on sample line:)								Comments		
				DW=Drinking Water WW=Wastewater S=Soil A=Air SL=Sludge O=Other	1 HCL 2 HNO3 3 H2SO4 4 ICE 5 Other Describe below in Special Instructions	Test 1:	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:			
See attached	<input type="checkbox"/>	<input checked="" type="checkbox"/>		DW	2 HNO3	<input checked="" type="checkbox"/>										
	<input type="checkbox"/>	<input type="checkbox"/>														
	<input type="checkbox"/>	<input type="checkbox"/>														
	<input type="checkbox"/>	<input type="checkbox"/>														
	<input type="checkbox"/>	<input type="checkbox"/>														

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Re 10/10/05.

Reporting Requirements:	<input checked="" type="checkbox"/> Results Only	<input type="checkbox"/> Results and QC	<input type="checkbox"/> Reduced Deliverables	<input type="checkbox"/> Hazresults EDD	<input checked="" type="checkbox"/> Excel	<input type="checkbox"/> Other (Describe Above)			
Method of Shipment:									
Relinquished by:	Adam F.	Date/Time:	12/18/05	9:30 am	Received by:	Adam F.	Date/Time:	12/18/04	10 am
Relinquished by:		Date/Time:			Received by:		Date/Time:		

Controlled Document - COC-07 Chemistry R13 05/31/2024

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by the customer.



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

LEAD IN WATER SAMPLING DATA AND CHAIN OF CUSTODY

PROJECT #: 24-812		CLIENT: Township of Orange School District		FACILITY: Forest Street Community School			
PO #: 040263		SAMPLER(S): Adam Fixler		DATE: 12/18/24			
ADDRESS: 651 Forest Street, Orange NJ 07050							
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	-	N/A	Blank	250mL	
1	FSS-SF-NRS-1	Nurse		Initial	Sink Faucet	250mL	
2	FSS-BF-HMO-2	By Main Office		Initial	Bottle Filler	250mL	
3	FSS-WF-HMO-3	By Main Office		Initial	Water Fountain	250mL	out of service
4	FSS-BF-FAC-4	Teacher Lounge		Initial	Bottle Filler	250mL	
5	FSS-SF-FAC-5	Teacher Lounge		Initial	Sink Faucet	250mL	
6	FSS-SF-KIT-6	Kitchen		Initial	Sink Faucet	250mL	
7	FSS-BF-HR3-7	By Room 3		Initial	Bottle Filler	250mL	still there, discolored cross-out
8	FSS-WF-HR3-8	By Room 3		Initial	Water Fountain	250mL	
9	FSS-WF-HR6-9	By Room 6		Initial	Water Fountain	250mL	out of service
10	FSS-WF-HR5-10	By Room 5		Initial	Water Fountain	250mL	out of service
11	FSS-WF-HR2-11	By Room 2		Initial	Water Fountain	250mL	out of service
12	FSS-WF-HR1-12	By Room 1		Initial	Water Fountain	250mL	out of service
13	FSS-WF-HR4-13	By Room 4		Initial	Water Fountain	250mL	disfunctional, low flow
14	FSS-BF-HR9-14	By Room 9		Initial	Bottle Filler	250mL	gone
15	FSS-WF-HR12-15	By Room 12		Initial	Water Fountain	250mL	out of service
16	FSS-WF-11-16	Room 11		Initial	Water Fountain	250mL	out of service
17	FSS-WF-10-17	Room 10		Initial	Water Fountain	250mL	out of service
18	FSS-WF-8-18	Room 8		Initial	Water Fountain	250mL	out of service



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LEAD IN WATER SAMPLING DATA AND CHAIN OF CUSTODY

PROJECT #: 24-812		CLIENT: Township of Orange School District		FACILITY: Forest Street Community School		
PO #: 040263		SAMPLER(S): <i>Adam Fisher</i>		DATE: <i>12/18/24</i>		
ADDRESS: 651 Forest Street, Orange NJ 07050						
Sample ID	Location/Description	Time	Sample Type: Initial Flush (30sec / 15min)	Outlet Type:	Volume	Notes: Discolored, Odor, Low Flow, etc.
19	FSS-WF-7-19	Room 7	Initial	Water Fountain	250mL	out of service
20	FSS-BF-3FEL-20	3rd Floor By Elevator	Initial	Bottle Filler	250mL	
21	FSS-BF-H402-21	By Roo 402	Initial	Bottle Filler	250mL	
22	FSS-WF-406-22	Room 406	Initial	Water Fountain	250mL	removed
23	FSS-WF-407-23	Room 407	Initial	Water Fountain	250mL	removed
24	FSS-WF-408-24	Room 408	Initial	Water Fountain	250mL	removed
25	FSS-WF-409-25	Room 409	Initial	Water Fountain	250mL	removed
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	