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# **DRINKING WATER SAMPLING REPORT**

# **Union County Vocational Technical Schools**

1176 Raritan Road Scotch Plains, New Jersey, 07076

# **Report Date**

September 12, 2024

# **Partner Project No.**

24-456892.1

# **Prepared for:**

**Union County Vocational Technical Schools** 









# **PARTNER**



September 27, 2024

Janet Behrmann Union County Vocational Technical Schools 1776 Raritan Road Scotch Plains, NJ, 07076

Subject: Drinking Water Sampling Report

**Union County Vocational Technical Schools** 

1776 Raritan Road

Scotch Plains, NJ, 07076

Partner Project No. 24-456892.1

#### Dear Janet Behrmann,

Partner Engineering and Science, Inc. (Partner) is pleased to provide the *Drinking Water Sampling* of the abovementioned address (the "Subject Property"). This sampling event was performed in general conformance with the scope and limitations as detailed in our fee proposal. This inspection included a site reconnaissance as well as sampling and analysis. An assessment was made, conclusions stated, and recommendations outlined, as required.

This survey included a site reconnaissance as well as sampling and analysis. An assessment was conducted, conclusions stated, and recommendations outlined, as necessary.

We appreciate the opportunity to provide industrial hygiene services to Union County Vocational Technical Schools. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (908) 497-8904.

Sincerely,

Partner Engineering and Science, Inc.

Dan Bracey, CIH, CSP, CHMM

**Technical Director** 

Industrial Hygiene & Health and Safety Services

# **EXECUTIVE SUMMARY**

Partner presents our report for this Drinking Water Sampling Report of Union County Vocational Technical Schools located at 1776 Raritan Road on August 6, August 27, and September 3, 2024. Samples were collected according to the "New Jersey Department of Education N.J.A.C. 6A:26" requirements for testing of lead in New Jersey Schools and the "USEPA 3Ts for Reducing Lead in Drinking Water in Schools" recommendations, as well as the Safe Drinking Water Act of 1974.

The first sample at each fixture was a "first draw" which was collected directly from the fixture without letting the water run or flush. The second sample was collected after letting the water run (flush) for thirty seconds. This sample evaluates the lead in water from the water purveyor and the pipes outside the building. The samples collected were analyzed by EMSL Analytical Inc. located in Cinnaminson, New Jersey for analysis of lead content using USEPA Method 200.8 for lead in drinking water. The action level for lead has been set at 15 parts per billion (ppb). According to the USEPA, given present technology and resources, this level is the lowest level to which water systems can reasonably be required to control this contaminant should it be present in drinking water.

Sample analysis indicated that measured lead concentrations did not exceed the USEPA Action Level of 15 ppb for lead at Union County Vocational Technical Schools. No further action is recommended at this time. If additional outlets are added, or changes to existing outlets occur, then those outlets must be sampled for lead content.



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**Appendix B:** Laboratory Analysis and Chain-of-Custody

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# 1.0 INTRODUCTION

### 1.1 Subject Property Description

Address:	1776 Raritan Road, Scotch Plains, NJ 07076
Nature of Use:	High Schools
Walk-Through Inspector:	Gianna Sandull
Walk-Through Date:	August 1, 2024
Sampling Conducted By:	Gianna Sandull
	Juan Jimenez
Sampling Date :	August 6, 2024
	August 27, 2024
	September 3, 2024

### 1.2 Purpose and Scope

The purpose of this drinking water sampling event was to sample and analyze drinking water for a determination of lead content for comparison with the USEPA Action Level as defined by the National Primary Drinking Water Regulations (NPDWR - 40 CFR Chapter I, Part 141), in addition to the "New Jersey Department of Education N.J.A.C. 6A:26" requirements for testing of lead in New Jersey Schools and the "USEPA 3Ts for Reducing Lead in Drinking Water in Schools". The NPDW set a Maximum Contaminant Level Goal (MCLG) for each listed contaminant, which identifies a level of that contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals. The MCLG for lead has been set at zero ppb. Since lead contamination generally occurs from corrosion of onsite lead pipes, or lead-based solder on fittings and fixtures, it cannot be directly detected or removed by the municipal water system. Instead, the USEPA is requiring municipal water systems to control the corrosiveness of their water if the level of lead at the tap exceeds an Action Level.

The action level for lead has been set at 15 parts per billion (ppb). According to the NPDWR Lead and Copper Rule (LCR), given present technology and resources, this level is the lowest level to which water systems can reasonably be required to control this contaminant should it be present in drinking water.



# 2.0 METHODOLOGY

Select drinking water samples were collected according to the "New Jersey Department of Education N.J.A.C. 6A:26" requirements for testing of lead in New Jersey Schools and the "USEPA 3Ts for Reducing Lead in Drinking Water in Schools" recommendations, as well as the LCR Monitoring requirements for lead in tap water (40 CFR Part 141, Subpart I, § 141.86(b)).

The first sample at each fixture was a "first draw" which was collected directly from the fixture without letting the water run or flush. The second sample was collected after letting the water run (flush) for thirty seconds. This sample evaluates the lead in water from the water purveyor and the pipes outside the building. Ideally, the water had not been used for the past eight hours prior to sampling and not longer than 48 hours prior to sampling. Partner made a reasonable effort to determine whether the stagnation preconditions were able to be met prior to conducting sampling.

Sample bottles were provided by EMSL Analytical, Inc. located in Cinnaminson, New Jersey with an appropriate preservative for lead in drinking water sampling. After collection, sample bottles were labeled with a unique identifier and transferred under chain of custody conditions to EMSL Analytical, Inc. located in Cinnaminson, New Jersey for analysis by USEPA Method 200.8. The laboratory results and chain of custody are contained in **Appendix B**.



# 3.0 ANALYTICAL RESULTS / CONCLUSIONS AND RECOMMENDATIONS

During the course of this site visit, Partner collected water samples at 121 locations. Partner did not attempt to disassemble mechanical equipment, open plumbing pipe chases, or assess materials within wall voids.

Sample names and their respective locations were updated from the 2021 sampling event based on relevant known plumbing information as provided by the Union County Vocational Technical Schools and the site guide.

A total of 242 drinking water samples were collected from the Union County Vocational Technical Schools on August 6, August 27, and September 3, 2024. A total of 121 samples were analyzed. The analytical results for all samples collected are listed in **Table 1** in **Appendix A**. Sample locations are depicted on the diagram included in **Appendix C**.

#### 3.1 Conclusions and Recommendations

Sample analysis indicated that measured lead concentrations did not exceed the USEPA Action Level of 15 ppb for lead at Union County Vocational Technical Schools. No further action is recommended at this time. If additional outlets are added, or changes to existing outlets occur, the Client must perform lead sampling for those outlets.



# 4.0 LIMITING CONDITIONS

No warranties expressed or implied, are made by Partner or its subcontractor, EMSL Analytical, Inc., or their employees as to the use of any information, apparatus, product, or process disclosed in this report. Every reasonable effort has been made to assure correctness. This survey is limited by the scope discussed by the client. It was prepared for the sole use and benefit of the Client. Neither this report nor any of the information contained herein shall be used or relied upon for any purpose by any persons or entities other than the Client.

Property and climate conditions, as well as local, state, and federal regulations, can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this study apply strictly to the environmental regulations and property conditions existing at the time the study was performed. Available information has been analyzed using currently accepted industry assessment techniques and it is believed that the inferences made are reasonably representative of the property. Partner and its subcontractor EMSL Analytical, Inc. and their employees/representatives bear no responsibility for the actual condition of the structure or safety of this site pertaining to water quality contamination regardless of the actions taken by the inspection team or the client. Partner makes no warranty, expressed or implied, except that the services have been performed in accordance with generally accepted assessment practices applicable at the time and location of the study.



# 5.0 SIGNATURES OF PROFESSIONALS

Partner has performed lead-in-drinking water sampling on the property at Union County Vocational Technical Schools,1776 Raritan Road, Scotch Plains, NJ in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

Prepared By:

Partner Engineering and Science, Inc.



Industrial Hygienist

Luca Limene

Reviewed by:

Angelica Rosaperez, ASP

Angelico Rosague

Project Manager

# APPENDIX A: TABLE 1 – ANALYTICAL RESULTS TABLE



	Table 1-Analytical Results	
Sample Name	Location	Results (ppb)
	Admission Building	
ADM-WF-1	Admission Building	ND
AMD-WF-2	Admission Building	ND
ADM-BF-3	Admission Building	ND
ADM-S-4	Admission Building	ND
	Academy of Performing Arts	
APA-WF-1	Across 116	ND
APA-BF-2	Across 116	ND
APA-WF-3	Near Main Entrance	ND
APA-BF-4	Near Main Entrance	ND
APA-WF-5	2 <sup>nd</sup> Floor	ND
APA-BF-6	2 <sup>nd</sup> Floor	ND
	Magnet	
MAG-WF-1	Magnet Outside Mens BR	ND
MAG-WF-2	Outside Mens BR	ND
MAG-S-2	Faculty	ND
MAG-BF-3	Outside Mens BR	ND
MAG-WF-4	Across 202	ND
MAG-WF-5	Across 202	ND
MAG-BF-6	Across 202	ND
MAG-WF-7	1 <sup>st</sup> Floor	ND
MAG-WF-8	1 <sup>st</sup> Floor	ND
MAG-BF-9	1 <sup>st</sup> Floor	ND
MAG-WF-10	1 <sup>st</sup> Floor Gym	ND
MAG-WF-11	1 <sup>st</sup> Floor Gym	ND
MAG-BF-12	1 <sup>st</sup> Floor Gym	ND
MAG-S-13	Faculty	1.27
MAG-WF-14	Outside Mens BR	ND
MAG-WF-15	Outside Mens BR	ND
MAG-BF-16	Outside Mens BR	ND
	Baxel Hall	
BAX-S-1	Allied Health Faculty	ND
BAX-WF-2	Across Auditorium	ND
BAX-WF-3	Across Auditorium	ND
BAX-BF-4	Across Auditorium	ND



	Table 1-Analytical Results	
Sample Name	Location	Results (ppb)
BAX-WF-5	In Between Bathrooms	ND
BAX-WF-6	In Between Bathrooms	ND
BAX-BF-7	In Between Bathrooms	ND
BAX-WF-8	2 <sup>nd</sup> Floor	ND
BAX-WF-9	2 <sup>nd</sup> Floor	ND
BAX-BF-10	2 <sup>nd</sup> Floor	ND
BAX-WF-001	Baxell Fitness/Rm 122	ND
BAX-BF-002	Baxell Fitness/Rm 122	ND
	Bistocchi Hall	
BIS-WF-1	AIT Near Lobby	ND
BIS-WF-2	AIT Near Lobby	ND
BIS-BF-3	AIT Near Lobby	ND
BIS-S-4	Nurse	1.29
BIS-S-5	Faculty	1.66
BIS-WF-6	2 <sup>nd</sup> Floor	ND
BIS-WF-7	2 <sup>nd</sup> Floor	ND
BIS-BF-8	2 <sup>nd</sup> Floor	ND
BIS-S-9	Faculty	ND
BIS-WF-10	Girls Locker Room	ND
BIS-WF-11	Girls Locker Room	ND
BIS-BF-12	Girls Locker Room	ND
	West Hall	1
West-WF-01	Outside of 308A	ND
West-BF-02	Outside of 308A	ND
West-WF-03	Outside of 308A	ND
West-WF-04	Outside of 308A	ND
West-BF-05	Outside of 308A	ND
West-WF-06	Outside of 318	ND
West-WF-07	Outside of 318	ND
West-BF-08	Outside of 318	ND
West-WF-09	Room 319	1.39
West-WF-10	Room 312	8.08
West-WF-12	Outside of 325	ND
West-WF-13	Outside of 325	ND
West-BF-14	Outside of 325	ND



Table 1-Analytical Results									
Sample Name	Location	Results (ppb)							
West-S-14	Room 331/Culinary	ND							
West-S-15	Room 331/Culinary	ND							
West-S-16	Room 331/Culinary	2.57							
West-S-17	Room 330/Culinary	ND							
West-S-18	Room 330/Culinary	1.19							
West-S-19	Room 330/Culinary	1.78							
West-S-20	Room 330/Culinary	9.65							
West-WF-21	Cafeteria	1.46							
West-WF-22	Cafeteria	1.10							
West-BF-23	Cafeteria	1.24							
West-S-23	Kitchen	1.43							
West-S-24	Kitchen	1.62							
West-S-25	Kitchen	ND							
West-S-26	Room 004	1.58							
West-S-27	Room 004	ND							
West-WF-28	Outside of 002	ND							
West-WF-29	Outside of 002	ND							
West-BF-00	Outside of 002	ND							
West-WF-30	Outside of Cafeteria	ND							
West-WF-31	Outside of Cafeteria	ND							
West-BF-001	Outside of Cafeteria	ND							
West-WF-32	Outside of 340	ND							
West-WF-33	Outside of 340	ND							
West-BF-002	Outside of 340	ND							
West-WF-34	Room 342	1.09							
West-S-35	Room 343	3.54							
West-BF-36	Room 344	ND							
West-WF-003	Room 344	ND							
West-WF-37	Room 345	ND							
West-BF-004	Room 345	ND							
West-WF-38	Room 366	ND							
West-BF-005	Room 366	ND							
West-WF-39	Room 363	ND							
West-WF-40	Room 363	ND							
West-BF-006	Room 363	ND							



Table 1-Analytical Results									
Sample Name	Location	Results (ppb)							
West-WF-41	Room 346	ND							
West-WF-42	Room 346	ND							
West-BF-007	Room 346	ND							
West-POE-43	Faculty Room/Lounge 707	ND							
West-WF-44	Outside of 707	ND							
West-WF-45	Outside of 707	ND							
West-BF-008	Outside of 707	ND							
West-WF-46	Room 707/Fitness Room	ND							
West-WF-47	Room 707/Fitness Room	ND							
West-BF-48	Room 707/Fitness Room	ND							
West-WF-49	Near C18	ND							
West-WF-50	Near C18	ND							
West-BF-009	Near C18	ND							
West-WF-51	Outside of 808	ND							
West-WF-52	Outside of 808	ND							
West-BF-53	Outside of 808	ND							
West-WF-54	Kitchen/Hallway Restrooms	ND							
West-WF-55	Kitchen/Hallway Restrooms	ND							
West-BF-56	Kitchen/Hallway Restrooms	ND							
West-WF-57	Outside Supermarket/Hallway	ND							
West-WF-58	Outside Supermarket/Hallway	ND							
West-BF-59	Outside Supermarket/Hallway	ND							

ND= Not detected. Lead levels not detected above the reporting limit (0.3430 ppb)

BOLD = Exceedances above USEPA Action Level 15 ppb



<sup>1</sup> ppb = 1 ug/L

# APPENDIX B: LABORATORY ANALYSIS AND CHAIN-OF-CUSTODY



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

EMSL Order ID: 012425825 LIMS Reference ID: AC25825 EMSL Customer ID: 32PRTN78G

Project Name: 24-456892 - UCVIS

Partner Engineering and Science, Inc. [32PRTN78G]

611 Industrial Way West Eatontown, New Jersey 07724

(732) 403-5869

Attention: Angelica Rosa Perez

arosaperez@partnersi.com

**Customer PO:** 

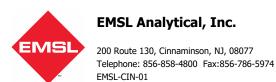
 EMSL Sales Rep:
 Christopher Brandt

 Received:
 08/06/2024 10:40

 Reported:
 08/14/2024 14:00

# **Analytical Results**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: ADM-WF-1/Admission Building		Lims	Refere	nce ID:	AC25825-01	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:20	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: ADM-WF-2/Admission Building		Lims	Refere	nce ID:	AC25825-03	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:25	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: ADM-BF-3/Admission Building		Lims	Refere	nce ID:	AC25825-05	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:27	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: ADM-S-4/Admission Building		Lims	Refere	nce ID:	AC25825-07	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:29	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: APA-WF-1/APA - Across 116		Lims	Refere	nce ID:	AC25825-09	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:31	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: APA-BF-2/APA - Across 116		Lims	Refere	nce ID:	AC25825-11	Matrix: Drinking	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:37	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: APA-WF-3/Near Entrance		Lims	Refere	nce ID:	AC25825-13	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:39	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: APA-BF-4/Near Entrance		Lims	Refere	nce ID:	AC25825-15	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:41	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: APA-WF-5/2nd Floor		Lims	Refere	nce ID:	AC25825-17	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:43	LXK	EPA 200.8 (DA)/EPA 200.8



24-456892 - UCVIS Attention: Angelica Rosa Perez **Project Name:** 

Partner Engineering and Science, Inc. [32PRTN78G]

611 Industrial Way West Eatontown, New Jersey 07724

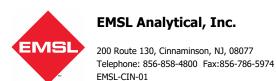
(732) 403-5869

arosaperez@partnersi.com

**Customer PO:** 

**EMSL Sales Rep:** Christopher Brandt Received: 08/06/2024 10:40 Reported: 08/14/2024 14:00

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: APA-BF-6/2nd Floor		Lim	s Refere	ence ID:	AC25825-19	Matrix: Drinkin	g Water	San	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:44	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-1/Magnet Outside Men BR		Lim	s Refere	ence ID:	AC25825-21	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:46	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-2/Magnet Outside Men BR		Lim	s Refere	ence ID:	AC25825-23	Matrix: Drinkin	g Water	San	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:52	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-S-2/Faculty		Lim	s Refere	ence ID:	AC25825-25	Matrix: Drinking	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 15:54	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-BF-3/Outside Men BR		Lim	s Refere	ence ID:	AC25825-27	Matrix: Drinkin	g Water	San	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 16:00	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-4/Across 202		Lim	s Refere	ence ID:	AC25825-29	Matrix: Drinking	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 16:02	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-5/Across 202		Lim	s Refere	ence ID:	AC25825-31	Matrix: Drinking	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 12:12	08/08/24 16:04	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-BF-6/Across 202		Lim	s Refere	ence ID:	AC25825-33	Matrix: Drinkin	g Water	San	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:07	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-7/1st Floor		Lim	s Refere	ence ID:	AC25825-35	Matrix: Drinkin	g Water	San	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:13	PL	EPA 200.8 (DA)/EPA 200.8



24-456892 - UCVIS Attention: Angelica Rosa Perez **Project Name:** 

Partner Engineering and Science, Inc. [32PRTN78G]

611 Industrial Way West Eatontown, New Jersey 07724

(732) 403-5869

arosaperez@partnersi.com

**Customer PO:** 

**EMSL Sales Rep:** Christopher Brandt Received: 08/06/2024 10:40 Reported: 08/14/2024 14:00

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: MAG-WF-8/1st Floor		Lims	s Refere	ence ID:	AC25825-37	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:15	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-BF-9/1st Floor		Lims	s Refere	ence ID:	AC25825-39	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:17	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-10/1st Floor Gym		Lims	s Refere	ence ID:	AC25825-41	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:19	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-11/1st Floor Gym		Lims	s Refere	ence ID:	AC25825-43	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:31	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-BF-12/1st Floor Gym		Lims	s Refere	ence ID:	AC25825-45	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:33	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-S-13/Faculty		Lims	s Refere	ence ID:	AC25825-47	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	1.27		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:35	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-14/Outside Mens BR		Lims	s Refere	ence ID:	AC25825-49	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:37	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-15/Outside Mens BR		Lims	s Refere	ence ID:	AC25825-51	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:39	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-BF-16/Outside Mens BR		Lims	Refere	ence ID:	AC25825-53	Matrix: Drinkin	g Water	Sam	pled: 08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:41	PL	EPA 200.8 (DA)/EPA 200.8

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

EMSL Order ID: 012425825 LIMS Reference ID: AC25825 EMSL Customer ID: 32PRTN78G

**Attention:** Angelica Rosa Perez **Project Name:** 24-456892 - UCVIS

Partner Engineering and Science, Inc. [32PRTN78G]

611 Industrial Way West Eatontown, New Jersey 07724

(732) 403-5869

arosaperez@partnersi.com

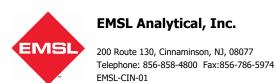
**Customer PO:** 

 EMSL Sales Rep:
 Christopher Brandt

 Received:
 08/06/2024 10:40

 Reported:
 08/14/2024 14:00

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Anal Initia		Prep /Analytical Method
Sample: BAX-S-1/Allies Health Faculty		Lims	s Refere	nce ID:	AC25825-55	Matrix: Drinking	g Water		Sampled:	08/06/24 00:00:00
<b>Metals</b> Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:47	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BAX-WF-2/Across Auditorium		Lims	s Refere	nce ID:	AC25825-57	Matrix: Drinkin	g Water		Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:49	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BAX-WF-3/Across Auditorium		Lims	s Refere	nce ID:	AC25825-59	Matrix: Drinking	g Water		Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:55	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BAX-BF-4/Across Auditorium		Lims	s Refere	nce ID:	AC25825-61	Matrix: Drinking	g Water		Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:57	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BAX-WF-5/In Between Bathrooms		Lims	s Refere	nce ID:	AC25825-63	Matrix: Drinking	g Water		Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 10:59	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BAX-WF-6/In Between Bathrooms		Lims	s Refere	nce ID:	AC25825-65	Matrix: Drinking	g Water		Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 11:01	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BAX-BF-7/In Between Bathrooms		Lims	s Refere	nce ID:	AC25825-67	Matrix: Drinking	g Water		Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 11:03	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BAX-WF-8/2nd Floor		Lims	s Refere	nce ID:	AC25825-69	Matrix: Drinking	g Water		Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 11:05	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BAX-WF-9/2nd Floor		Lims	s Refere	nce ID:	AC25825-71	Matrix: Drinking	g Water		Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 13:07	08/09/24 11:07	PL	EPA	200.8 (DA)/EPA 200.8



**Attention:** Angelica Rosa Perez **Project Name:** 24-456892 - UCVIS

Partner Engineering and Science, Inc. [32PRTN78G]

611 Industrial Way West Eatontown, New Jersey 07724

(732) 403-5869

arosaperez@partnersi.com

**Customer PO:** 

 EMSL Sales Rep:
 Christopher Brandt

 Received:
 08/06/2024 10:40

 Reported:
 08/14/2024 14:00

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials		Prep /Analytical Method
Sample: BAX-BF-10/2nd Floor		Lims	s Referen	ce ID:	AC25825-73	Matrix: Drinking	յ Water	s	Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 16:06	08/09/24 08:54	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BIS-WF-1/Alt near Lobby		Lims	s Referen	ce ID:	AC25825-75	Matrix: Drinking	y Water	8	Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 16:06	08/09/24 09:00	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BIS-WF-2/Alt near Lobby		Lims	s Referen	ce ID:	AC25825-77	Matrix: Drinking	y Water	s	Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 16:06	08/09/24 09:02	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BIS-BF-3/Alt near Lobby		Lims	s Referen	ce ID:	AC25825-79	Matrix: Drinking	y Water	s	Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 16:06	08/09/24 09:04	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BIS-S-4/Nurse		Lims	s Referen	ce ID:	AC25825-81	Matrix: Drinking	y Water	s	Sampled:	08/06/24 00:00:00
Metals Lead	1.29		1	1.00	μg/L	08/08/24 16:06	08/09/24 09:06	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BIS-S-5/Faculty		Lims	s Referen	ce ID:	AC25825-83	Matrix: Drinking	y Water	s	Sampled:	08/06/24 00:00:00
Metals Lead	1.66		1	1.00	μg/L	08/08/24 16:06	08/09/24 09:12	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BIS-WF-6/2nd Floor		Lims	s Referen	ce ID:	AC25825-85	Matrix: Drinking	y Water	s	Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 16:06	08/09/24 09:14	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BIS-WF-7/2nd Floor		Lims	s Referen	ce ID:	AC25825-87	Matrix: Drinking	y Water	8	Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 16:06	08/09/24 09:16	PL	EPA	200.8 (DA)/EPA 200.8
Sample: BIS-BF-8/2nd Floor		Lims	s Referen	ce ID:	AC25825-89	Matrix: Drinking	y Water	s	Sampled:	08/06/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/08/24 16:06	08/09/24 09:18	PL	EPA	200.8 (DA)/EPA 200.8



Telephone: 856-858-4800 Fax:856-786-5974

EMSL-CIN-01

**Project Name:** 24-456892 - UCVIS

**EMSL Order ID:** 012425825 LIMS Reference ID: AC25825

EMSL Customer ID: 32PRTN78G

PL

08/09/24 09:30

EPA 200.8 (DA)/EPA 200.8

Partner Engineering and Science, Inc. [32PRTN78G]

611 Industrial Way West Eatontown, New Jersey 07724

(732) 403-5869

Attention: Angelica Rosa Perez

Metals

Lead

arosaperez@partnersi.com

**Customer PO:** 

**EMSL Sales Rep:** Christopher Brandt Received: 08/06/2024 10:40 Reported: 08/14/2024 14:00

### **Analytical Results** (Continued)

Prepared Analyzed Analyst Prep /Analytical Analyte Result Q Units Date/Time Date/Time Initials Method Sample: BIS-S-9/Faculty Lims Reference ID: AC25825-91 Matrix: Drinking Water Sampled: 08/06/24 00:00:00 Metals EPA 200.8 (DA)/EPA 200.8 ND 1.00 08/08/24 16:06 08/09/24 09:20 PL Sample: BIS-WF-10/Girls Locker Room Lims Reference ID: AC25825-93 Matrix: Drinking Water Sampled: 08/06/24 00:00:00 **Metals** EPA 200.8 (DA)/EPA 200.8 1 00 08/08/24 16:06 PL Lead ND μg/L 08/09/24 09:22 Sample: BIS-WF-11/Girls Locker Room Lims Reference ID: AC25825-95 Matrix: Drinking Water Sampled: 08/06/24 00:00:00 Metals EPA 200.8 (DA)/EPA 200.8 ND 1.00 08/08/24 16:06 ы Lead μg/L 08/09/24 09:28 Sample: BIS-BF-12/Girls Locker Room Lims Reference ID: AC25825-97 Matrix: Drinking Water Sampled: 08/06/24 00:00:00

1.00

μg/L

08/08/24 16:06

ND

1



Telephone: 856-858-4800 Fax:856-786-5974

EMSL-CIN-01

**EMSL Order ID:** 012425825 LIMS Reference ID: AC25825 EMSL Customer ID: 32PRTN78G

24-456892 - UCVIS Attention: Angelica Rosa Perez **Project Name:** 

Partner Engineering and Science, Inc. [32PRTN78G]

611 Industrial Way West Eatontown, New Jersey 07724

(732) 403-5869

arosaperez@partnersi.com

**Customer PO:** 

**EMSL Sales Rep:** Christopher Brandt Received: 08/06/2024 10:40 Reported: 08/14/2024 14:00

### **Certified Analyses included in this Report**

Certifications Analyte

EPA 200.8 in Drinking Water

NJDEP Lead

#### **List of Certifications**

Code	Description	Number	Expires
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2024
California ELAP	California Water Boards	1877	06/30/2024
A2LA	A2LA Environmental Certificate	2845.01	07/31/2024
AIHA LAP	EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited	100194	01/01/2025
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2024
PADEP	Pennsylvania Department of Environmental Protection	68-00367	11/30/2024
NYSDOH	New York State Department of Health	10872	04/01/2025
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/2024

Please see the specific Field of Testing (FOT) on <a href="www.emsl.com">www.emsl.com</a> for a complete listing of parameters for which EMSL is certified.



### **EMSL Analytical, Inc.**

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

EMSL-CIN-01

Project Name: 24-456892 - UCVIS

EMSL Order ID: 012425825 LIMS Reference ID: AC25825

**EMSL Customer ID:** 32PRTN78G

Partner Engineering and Science, Inc. [32PRTN78G]

611 Industrial Way West Eatontown, New Jersey 07724

(732) 403-5869

Attention: Angelica Rosa Perez

arosaperez@partnersi.com

**Customer PO:** 

 EMSL Sales Rep:
 Christopher Brandt

 Received:
 08/06/2024 10:40

 Reported:
 08/14/2024 14:00

#### **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.
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 EMSL INC.

# **Lead Chain of Custody**

EMSL Order Number / Lab Use Only

AC 25/825

Cinnaminson, NJ 08077 PHONE: 1-800-220-3675

FMAII · c@emsl.com

Customer ID;	<u>_</u>	Billing ID:	LIVIAL								
			<del></del>								
Company Name: Partner Engine Cantact Name: Angelica Rosa Street Address: 611 Industrial			tner Engineering and So	lence, Inc.							
E Contact Name: Angelica Rosa	perez	Billing Contact: Ang	gelica Rosaperez								
	Way West Suite A	를 Street Address: 611	Industrial Way West, S								
City, State, Zip: Eatontown Phone: 73238017,00	NJ 07724 Country: US	City, State, Zip: Eat	City, State, Zip: Eatontown NJ 07724 Country: US								
Phone: 7323801700		Phone: 732	Phone: 7323801700								
	@partneresi.com	Email(s) for Involce:	1626661166								
arosaperez(	<del></del>	roject information	<del></del>								
Project		10,000	Purchase								
NETTE/No: 24-456892	ucuis_	US State where	Order: State of Connecticut (CT) must select	aminet location:							
MSL LIMS Project ID:	4	samples collected: NJ	Commercial (Taxable)	Residential (Non-Taxable)							
led By Name:	Sampled By Signature:	. 9 1		io. of Samples							
- Blanna Sci	ndul	Temporal a		In Shipment							
3 Hour 6 Hour		n-Around-Time (TAT)  48 Hour  72 Hour	96 Hour 1	Week 2 Week							
				THEEK							
Piezsa MATRIX	call sheed for large projects and/or (umaround times 6 Hours) METHOD	or Less. "32 Hour TAT available for select tests only:	REPORTING LIMIT	SELECTION							
CHIPS > by wt.   ppm (mg/kg)   mg/cm			<del></del>								
	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)								
*Reporting Limit based on a minimum	SW 846-6010D*	ICP-OES	0.0004% (4ppm)								
0.25g sample weight	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<del> </del>							
	NOST 1002	riante Auditic Austription	-прупист								
AIR	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter								
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter								
WIPE ASTM . NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe								
"If no box is checked, non-ASTM Wipe Is		<del></del>	<del></del>								
assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe								
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)								
1021	SW 846-1311 / SW 846-6010D*	[ ICP-OES	0.1 mg/L (ppm)								
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)								
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)								
TTLC	22 CCR App. II, 7000B 22 CCR App. II, SW 846-6010D*	ICP-OES	40mg/kg (ppm) 2mg/kg (ppm)	<del></del>							
	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)								
STLC	22 CCR App. II, SW 846-6010D*	I ICP-OES	0.1 mg/L (ppm)								
Soll	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)								
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)								
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)								
Unpreserved PH<2	EPA 200.7	CP-OES	0.020 mg/L (ppm)								
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)								
Unpreserved	EPA 200.8	ICP-MS	0.001 mg/L (ppm)								
Preserved with HNO3 PH<2											
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 μg/filter								
Other:											
	<u> </u>										
Sample Number	Sample Location		Volume / Area	Date / Time Sampled							
A5M : = 4	0.1.2.1		2. 1 6.11	7.16-							
ADM-WF-I	Admission to	nigiuo	250 ML 8/6	7:16							
1 -WF-1F	1		)   i	7:17							
MF-2				7.19							
	<del>                                     </del>		1 1	7:18							
WF-2F	1			7:18							
₩ BF-3			1/	7:19							
Method of Shipment;	<u> </u>	Sample Condition Upon Re	eceiot:	Z 1 1 1							
<b>N</b> -	i										
Relinquished by:	- 8/6/24 \D3	Received by:	Dale/Tipy	" 10 0 8 1 1 KM							
guen Junens	- 8674 107			6.24 a/04							
Relinquished by!Y	Date/Ime:	Received by:	Date/Tim	ие —							
Controlled Document - COC-25 Lead R16 4/18/2021	*6010C Available I	Upon Request									



EMSL Order Number / Leb Use Only

A-C25425

Cinnaminson, NJ 08077 PHONE: 1-800-220-3675

EMAIL: c@emsl.com

Additional Pages of the Chain of Custody are only neces Spi	ssary If needed for additional sample information ecial instructions and/or Regulatory Requirements (Sample Spe	acifications, Processing Methods, Limits of Detection, etc.	EMAIL: c@emsi.com
			<del>-</del>
Sample Number	Sample Location	Volume / Area	Date / Time Sampled
ADM-BF-3F	Admission build	10g 250 ml	8/6 7:20
-S-4			7:20
V 5-4F			7:27
APA-WF-1	APA-Across 116		7:27
WF-1F			7:28
BF-2			7:28
BF-2F	<u> </u>	_	7:29
WF-3	near entrance	2	7:30
WF-3F			7:31
BF-4			7:32
BF-4F			7:35
WF-5	2nd floor		7:36
WF-5F			7:37
BF-6			7:38
V BF-6F	<u> </u>		7:38
MAG-WF-1	MAGNET OUTSIDEMEN BR		7:56
WF-17			7:57
WF-2			7:57
WE-ZF	<u> </u>		7:58
S-2	Faculty		<u>                                     </u>
5-2F			8:00
BF-3	autsidea mea	BR	7158
BF-3F	V		7:59
WF-4	Across 202		8:05
WF-4F			V 8:05
Method of Shipment:		Sample Condition Upon Receipt:	,
Relinquished by:	Date/Time:	Received by:	Date/Time
Relinquished by: Controlled Document - COC-25 Lead R16 4/19/2021	Date/Time:	Received by:	Date/Time

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

# EMSL ANALYTICAL, INC.

# **Lead Chain of Custody**

EMSL Order Number / Lab Use Only

Cinnaminson, NJ 08077 PHONE: 1-800-220-3675

⊏uau - c@emsl.com

			Y			⊏MAIL.		
Customer ID:		- 1	Billing ID:					
Company Name: Partner Engineering and	Science, Inc.		Сопралу М	lame: Partn	er Engineering a	nd Scie	nce. Inc.	ĺ
E Contad Name: Angelica Posaperez		ᆕᅱᇶ	Billing Cont		lica Rosaperez			$\dashv$
E Street Address: 611 Industrial May Most	<u> </u>	information	Street Addr	Alige		4 0 "		
Street Address: 611 Industrial Way West		<u> </u>	Street Audi	0111	ndustrial Way We			
Company Name: Partner Engineering and Contact Name: Angelica Rosaperez  Street Address: 611 Industrial Way West  City, State, Zip: Eatontown NJ  Phone: 7323801700	07724 Country: US		City, State,	<sup>zip:</sup> Eator	ntown No	J 0772	4 Country: US	- 1
Fhone: 7323801700	•	┈┈╢	Phone:	7323	801700		<del></del> -	
		<del>     </del>	Email(s) for		-			
Email(s) for Report: arosaperez@partneres		11						
Project Oll -/15/9/12		roject infor	nauon		Purchaso		<del></del>	$\dashv$
Project 24-456892	UCVTS				Order:			
EMSL LIMS Project ID: (If applicable, EMSL will		US	State where	ı. NI I	State of Connecticut (CT) mu			
provide)	· · · · · · · · · · · · · · · · · · ·	<u></u>	присучени	M. 140	Commercial (Taxat	نسايت	Residential (Non-Ta	axable)
Sampled By Name: SICHNO SCHOUL	Sampled By Signature:	Ĺ.,					f Samples 98	
CIONING SOLVEN	Tur	ا-Around-Ti	me (TAT)					
3 Hour 6 Hour 24 Hour	32 Hour	48 Hour	` ´T	72 Hour	96 Hour	1 We	ek 12W	eak
	ects and/or turnsmund times 6 Hours o		 TAT myslinks tat y		<b>└</b>			
MATRIX	METHOD	A LUSS. JE MOU	INSTRUM		REPORTING LIMIT		SELECTION	-
<del></del>				<del></del>	<u>-</u>	·		
CHIPS The Property Charles Company Company	W 846-7000B	Flam	ne Atomic A	bsorption	0.008% (80ppm)		لــا	
*Reporting Limit based on a minimum	V 846-6010D*	1	ICP-OE	s	0.0004% (4ppm)			
U,25g sample weight		,				_	_ ;	
	NIOSH 7082	Flan	ne Atomic A	osorption	4μg/filter			
AIR NIOSH 7	AND AND CH TOOM	'	ICP-OE		0.5µg/filter	1		
<u></u>	300M / NIOSH 7303M 300M / NIOSH 7303M	<del>- i</del>	ICP-0E		0.5µg/filter		<del>-  - </del> -	
		<u> </u>			,			
WIPE ASTM HON-ASTM S	W 846-7000B	Flan	ne Atomic A	bsorption ———————	10µg/wipe			
*If no box is checked, non-ASTM Wipe is assumed Si	W 846-6010D*		ICP-OE	S	1.0µg/wipe			
SW 846-13	11 / 7000B / SM 3111B	Flan	ne Atomic A	bsorption	0.4 mg/L (ppm)	<del>-   -</del>		
TCLP SW 846-	311 / SW 846-6010D*		1CP-OE	S	0.1 mg/L (ppm)			
SW 846-13	12 / 7000B / SM 3111B	Flan	ne Atomic A	bsorption	0.4 mg/L (ppm)			
SPLP SW 846-	312 / SW 846-6010D*		ICP-OE	S	0.1 mg/L (ppm)			
TTLC 22 CCR	App. II, 7000B	Flan	ne Atomic Absorption		40mg/kg (ppm)			
22 CCR A	pp. II, SW 846-6010D*		ICP-OE	s	2mg/kg (ppm)			
STLC 22 CCR	App. II, 7000B	Flan	ne Atomic A	bsorption	0.4 mg/L (ppm).			
22 CCR A	pp. II, SW 846-6010D*		ICP-OES		0.1 mg/L (ppm)			
Soii	W 846-7000B	Flan	ne Atomic A		40mg/kg (ppm)	_	Д_	
S	W 846-6010D*	1 1	ICP-OE		2mg/kg (ppm)	_		
	1B / SW 846-7000B	Flan	ne Atomic A	osorption	0.4 mg/L (ppm)	-	<u>—</u> —	
Unpreserved Preserved with HNO3 PH<2	EPA 200.7		ICP-OE	S	0.020 mg/L (ppm)			
Drinking Water	EPA 200.5		ICP-OE	Š	0.003 mg/L (ppm)		<u> </u>	
Unpreserved	-					$\neg \dagger \neg$		
Preserved with HNO3 PH<2	EPA 200.8	1	ICP-MS	) _ <del></del>	0.001 mg/L (ppm)			
TSP/SPM Filter 4	O CFR Part 50	i	ICP-OE	S	12 µg/filter		v	
Other:		<del>- '</del>	_	1	<del></del>	_		$\neg$
					H	- }	ப	
Sample Number	Sample Location			Vo	lume / Area		e / Time Sampled	
Outriple (Sullipe)	· · · · · · · · · · · · · · · · · · ·					<del> </del>	IIIIO OMINPIEU	
MAG-WF-5	Across	202		2:	50 mL	8/6	8:06	,
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V WF-7	~~			1		8:09		
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Tellinquistica by:			Date Islie					
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Controlled Document - COC-25 Lead R15 4/19/2021	Jpon Request	i						



EMSL Order Number / Leb Use Only

A-C25825

Cinnaminson, NJ 08077 PHONE: 1-800-220-3675

c@emsl.com EMAIL: Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.) Sample Number Sample Location Volume / Area Date / Time Sampled MAG-WF-7F 1st floor Ous 8/6 250 Ml WF-8 8:16 WF-8F 8:17 BF-9 8:17 8:18 BF-9 F 8:19 WF-10 1st Floor Gym 8120 WF-10F 8120 WF-11 8201 WF-11F BF-12 8:21 8:27 BF-12F 5-13 Faculty 5-13F UF-14 BUSIDE MENS BR WF-14F WF-15 E:3} WF-15F 8:32 RF-16 8-32 8:46 BF-10F Allied Hearth faculty 8:48 BAX - 5-1 8:49 S-17 WF-2 8:SO ACVOSS AINSITORIUM WF-ZF 8:57 WF-3. 8.52 WF-3F Sample Condition Upon Receipt: Relinquished by: Date/Time: Received by: Date/Time Relinquished by: Date/Time: Received by: Date/Time

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 Customer.

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

Controlled Document - COC-25 Lead R16 4/19/2021



EMSL Order Number / Lab Use Only

AC25825

Cinnaminson, NJ 08077 PHONE: 1-800-220-3675 EMAIL: c@emsl.com

	Customer ID:						ī	1	Billing ID:	-						
٦	Company Name				-!		- <u> </u>	Н.	Company	Nama:	D	F., . ' '				
affe				ering and S	cience, in	iC.	<u>ii                                    </u>	<u> </u>	Cullibally			Engineering a	nd S	<u>science,</u>	inc.	
Ę	Contact Name:	Ange	lica Rosa	perez				֓֟֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	Billing Co	itact:	Angelica	a Rosaperez				
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Customer Information	City, State, Zip:				1-	intry: US		늰퉣	City, State					7724 Count	irv	ПС
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0.25	0.25g sample weight SW				846-6010D*				ICP-OI			0.0004% (4ppm)			ᆜ	
	N				OSH 7082			Flar	ne Atomic	Absorption		4µg/filter				
AJR																
	NIOSH 73				M / NIOSH 730	-			ICP-O			0,5μg/filler				
				NIOSH 7300	DM / NIOSH 730	ОЗМ			ICP-M	S		0.05µg/filter				
wr	E ASTR	· [	NON-ASTM	sw	846-7000B			Flar	ne Atomic ,	bsorption		10µg/wipe				
olf n	o box la check	ed. non-A			·								<u> </u>	_		
	umed		]	SW	846-6010D*		ICP-OES				1.0µg/wipe	ļ		Ш		
TCI				SW 846-1311	/ 7000B / SM 3	111B		Flan	Flame Atomic Absorption			0.4 mg/L (ppm)				
101	TCLP SW 846-13				11 / SW 846-60	10D*			ICP-O	S		0.1 mg/L (ppm)				
SPLP SW 846-131				/ 7000B / SM 3	3111B		Flan	ne Atomic ,	bsorption		0.4 mg/L (ppm)					
or.	-F			SW 846-131	2 / SW 846-60	10D*		ICP-OES				0.1 mg/L (ppm)				_
ΠL	r			22 CCR Ap	p, II, 7000B			Flame Atomic Abso				40mg/kg (ppm)				
-				22 CCR App.	. II, SW 846-60	10D*			ICP-O			2mg/kg (ppm)				
STL	c		1	22 CCR Ap	p. II, 7000B		Flame Atomic			· · ·		0,4 mg/L (ppm)			П	
<u> </u>			ļ,		. II, SW 846-60	10D*			ICP-O			0.1 mg/L (ppm)				
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			ļ		846-6010D*			<u> </u>	ICP-O			2mg/kg (ppm)				
ı	stewater		- ' ∣	SM 3111B	/ SW 846-7000	0B		Flan	ne Atomic /	Absorption		0.4 mg/L (ppm)			Ш	
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_	king Water	<u></u>		Fi	PA 200.5		<u> </u>	I ICP-OES				0.003 mg/L (ppm)			$\Box$	
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	served with HN	03	<b>₽</b> 19H<2)		PA 200.89				ICP-M	<u> </u>		0.001 mg/L (ppm)				
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Controlled Document - COC-25 Lead R16 4/19/2021				*601DC	Avallable U	pon Re	lequest									



EMSL Order Number / Lab Use Only

Cinnaminson, NJ 08077

PHONE: 1-800-220-3675 EMAIL: c@emsl.com

Additional <u>Pages of the Chain of Custody</u>	Special Instructions and	or Regulatory Requirements (Samp	le Specifications, P	rocessing Methods, Limits	of Detection, etc.)			
Sample Number		Sample Location	_	Volume /	Area		Date / Time Sampled	
BAX-WF-6	Finbe	tween bathro	xms	250	JML	8/6 9:00		
BAY-BF-7				1		1	9:01	
BAX- BF-7F					$\perp$	9:02		
BAX - WF -8		2nd floor					9105	
1 WF-8	P				_		9:05	
WF-9							9:06	
UF-9	F						9:07	
BF-1	0						9:08	
V BF-1	10F	V					9,08	
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WF-1	F						9:17	
WF-2	2						9:18	
WF-7	2F					_	9:18	
BF-3	, )						9:19	
BF-3	F	<u> </u>		_		_\	9:19	
5-4	_	nurse	_				a:20	
S-4F	:						9:21	
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WF-6	)	200 floor					9:34	
WF-6	F						9:34	
WF-	4				<u> </u>		9:35	
WF-5	7F						9;35	
DF-8							9:36	
BF-8				~	V		q:36	
Method of Shipment:	· 	- IData/Fime:		endition Upon Receipt:		Date/Fi-	me.	
Relinquished by:		Date/Time:  Date/Time;	Received to	<u> </u>	Date/Time			
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AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)



EMSL Order Number / Lab Use Only

AC15425

Cinnaminson, NJ 08077 PHONE: 1-800-220-3675

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	Customer ID:						1	$\top$	Billing	D:							
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atic				ering and S	cience	e, Inc.		5	Оопра		ган		ngineering a	and S	science,	Inc.	
Customer Information	Contact Name:	Ange	lica Rosa	perez				Information	Biling (	Contac	<sup>t</sup> Ange	elica	Rosaperez		_		
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Рюје	ert as		- ^ -				Project i	niom	nauon				Purchase				
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0.25	g sample welg	ht			846-60100							<u> </u>	0.0004% (4ppm)			ᆜ	
	N			Ni	OSH 7082		-	Flam	ne Atomi	c Abs	orption	ļ	4µg/filter			Д	
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				NIOSH 730			+		ICP-			<del> </del>	0.5µg/filter 0.05µg/filter	$\dashv$		╆╃	
WIP	E AST		NON-ASTM		846-7000		+	Elam	ne Atomi		oretion	1				一	
		-	<b>-</b>		D-10-7 0000	<u> </u>	-	j-taiji	ie Aluijii	G MUS	orpilos	<u> </u>	10µg/wipe			ㅡ	
	no box is checked, non-ASTM Wipe is sumed SW				84 <del>6-</del> 6010[		ICP-OES					1.0µg/wipe					
TCL	TCLP SW 846-131						Flam	e Atomi		orption		0.4 mg/L (ppm)					
				SW 846-1312			+	ICP-OES Flame Atomic Absorption					0.1 mg/L (ppm)			╬	
SPL	P			SW 846-1312			1	riam	ICP-		orption	-	0.4 mg/L (ppm) 0.1 mg/L (ppm)			╆┽	
				22 CCR A				Flame Atomic Absorption				40mg/kg (ppm)				$\forall$	
ΠL	.C		,	22 CCR App	. II, SW 84	6-6010D*			ICP-OES			2mg/kg (ppm)					
STL	c			22 CCR A	p. 11, 7000	В	, Flame Atom			c Abs			0.4 mg/L (ppm)				
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Controlled Document - COC-25 Lead R16 4/19/2021					le Upon Request												



Cinnaminson, NJ 08077

PHONE: 1-800-220-3675 EMAIL: c@emsl.com Additional Pages of the Chain of Custody are only necessary if needed for additional eample Information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.) Sample Number Sample Location Volume / Area Date / Time Sampled BIS Girls I Ocker Rm

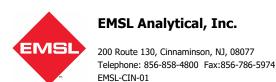
Relinquished by: Date/Time: Received by: Date/Time Relinquished by: Date/Time: Received by: Date/Time

ontroffed Document - COC-25 Lead R16 4/19/2021

Method of Shipment:

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

Sample Condition Upon Receipt:



Attention: Angelica Rosa Perez

Partner Engineering and Science, Inc. [32PRTN78G]

611 Industrial Way West Eatontown, New Jersey 07724

(732) 403-5869

arosaperez@partnersi.com

**Project Name:** 

24-456892 Union County Vue Technical

School - West Hall / West Hall Addition

**Customer PO:** 

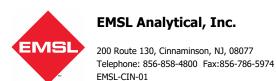
 EMSL Sales Rep:
 Christopher Brandt

 Received:
 08/28/2024 09:00

 Reported:
 09/19/2024 17:23

### **Analytical Results**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analys Initial		o /Analytical Method
Sample: 1-West-WF-01/Outside of 308A		Lims	Referen	ice ID:	AC28923-01	Matrix: Drinking	յ Water		Sampled: 08	/27/24 07:47:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:14	PL	EPA 200	.8 (DA)/EPA 200.8
Sample: 3-West-BF-02/Outside of 308A		Lims	Referen	ice ID:	AC28923-03	Matrix: Drinking	y Water		Sampled: 08	/27/24 07:49:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:19	PL	EPA 200	.8 (DA)/EPA 200.8
Sample: 5-West-WF-03/Outside of 307		Lims	Referen	ice ID:	AC28923-05	Matrix: Drinking	y Water		Sampled: 08	/27/24 08:00:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:21	PL	EPA 200	.8 (DA)/EPA 200.8
Sample: 7-West-WF-04/Outside of 307		Lims	Referen	ice ID:	AC28923-07	Matrix: Drinking	y Water		Sampled: 08	/27/24 08:03:00
<b>Metals</b> Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:23	PL	EPA 200	.8 (DA)/EPA 200.8
Sample: 9-West-BF-05/Outside of 307		Lims	Referen	ice ID:	AC28923-09	Matrix: Drinking	y Water		Sampled: 08	/27/24 08:06:00
<b>Metals</b> Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:25	PL	EPA 200	.8 (DA)/EPA 200.8
Sample: 11-West-WF-06/Outside of 318		Lims	Referen	ice ID:	AC28923-11	Matrix: Drinking	) Water		Sampled: 08	/27/24 08:14:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:31	PL	EPA 200	.8 (DA)/EPA 200.8
Sample: 13-West-WF-07/Outside of 318		Lims	Referen	ice ID:	AC28923-13	Matrix: Drinking	y Water		Sampled: 08	/27/24 08:17:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:33	PL	EPA 200	.8 (DA)/EPA 200.8
Sample: 15-West-BF-08/Outside of 318		Lims	Referen	ice ID:	AC28923-15	Matrix: Drinking	y Water		Sampled: 08	/27/24 08:20:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:34	PL	EPA 200	.8 (DA)/EPA 200.8
Sample: 17-West-WF-09/Room 319		Lims	Referen	ice ID:	AC28923-17	Matrix: Drinking	Water		Sampled: 08	/27/24 08:28:00
Metals Lead	1.39		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:36	PL	EPA 200	.8 (DA)/EPA 200.8



Attention: Angelica Rosa Perez

**EMSL Order ID:** 012428923 LIMS Reference ID: AC28923 EMSL Customer ID: 32PRTN78G

**Project Name:** 24-456892 Union County Vue Technical

School - West Hall / West Hall Addition

**Customer PO:** 

Eatontown, New Jersey 07724 (732) 403-5869

Partner Engineering and Science, Inc. [32PRTN78G]

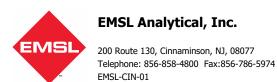
arosaperez@partnersi.com

611 Industrial Way West

**EMSL Sales Rep:** 

Christopher Brandt Received: 08/28/2024 09:00 Reported: 09/19/2024 17:23

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 19-West-WF-10/Room 312		Lims	s Refere	ence ID:	AC28923-19	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 08:44:00
Metals Lead	8.08		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:38	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 21-West-WF-12/Outside of 325		Lims	s Refere	ence ID:	AC28923-21	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 08:52:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:40	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 23-West-WF-13/Outside of 325		Lims	s Refere	ence ID:	AC28923-23	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 08:57:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:46	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 25-West-BF-14/Outside of 325		Lims	s Refere	ence ID:	AC28923-25	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 09:00:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:48	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 27-West-S-14/Room 331 / Culinary		Lims	s Refere	ence ID:	AC28923-27	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 09:20:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:53	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 29-West-S-15/Room 331 / Culinary		Lims	s Refere	ence ID:	AC28923-29	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 09:25:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:55	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 31-West-S-16/Room 331 / Culinary		Lims	s Refere	ence ID:	AC28923-31	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 09:30:00
Metals Lead	2.57		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:57	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 33-West-S-17/Room 330 / Culinary		Lims	s Refere	ence ID:	AC28923-33	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 09:37:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:21	09/19/24 01:59	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 35-West-S-18/Room 330 / Culinary		Lims	s Refere	ence ID:	AC28923-35	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 09:40:00
Metals Lead	1.19		1	1.00	μg/L	09/16/24 17:21	09/19/24 02:01	PL	EPA 200.8 (DA)/EPA 200.8



**Project Name:** 24-456892 Union County Vue Technical

School - West Hall / West Hall Addition Partner Engineering and Science, Inc. [32PRTN78G]

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(732) 403-5869

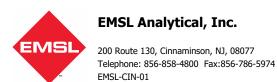
Attention: Angelica Rosa Perez

arosaperez@partnersi.com

**Customer PO:** 

**EMSL Sales Rep:** Christopher Brandt Received: 08/28/2024 09:00 Reported: 09/19/2024 17:23

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 37-West-S-19/Room 330 / Culinary		Lims	s Refere	ence ID:	AC28923-37	AC28923-37 Matrix: Drinking Water		Sam	pled: 08/27/24 09:44:00
Metals Lead	1.78		1	1.00	μg/L	09/16/24 17:21	09/19/24 02:03	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 39-West-S-20/Room 330 / Culinary		Lims	s Refere	ence ID:	AC28923-39	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 09:48:00
Metals Lead	9.65		1	1.00	μg/L	09/16/24 17:21	09/19/24 02:05	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 41-West-WF-21/Cafeteria		Lims Reference ID: AC28923-41 Matrix: Drinking Water						Sam	pled: 08/27/24 09:55:00
Metals Lead	1.46		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:16	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 43-West-WF-22/Cafeteria	Lims Reference ID: AC28923-43 Matrix: Drinking Water						Sam	pled: 08/27/24 10:00:00	
Metals Lead	1.10		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:22	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 45-West-BF-23/Cafeteria		Lims	s Refere	ence ID:	AC28923-45	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 10:08:00
Metals Lead	1.24		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:24	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 47-West-S-23/Kitchen		Lims	s Refere	ence ID:	AC28923-47	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 10:15:00
Metals Lead	1.43		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:26	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 49-West-S-24/Kitchen		Lims	s Refere	ence ID:	AC28923-49	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 10:20:00
Metals Lead	1.62		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:28	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 51-West-S-25/Kitchen		Lims	s Refere	ence ID:	AC28923-51	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 10:28:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:33	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 53-West-S-26/Room 004		Lims	s Refere	ence ID:	AC28923-53	Matrix: Drinkin	g Water	Sam	pled: 08/27/24 10:39:00
Metals Lead	1.58		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:35	PL	EPA 200.8 (DA)/EPA 200.8



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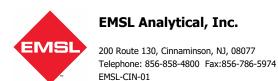
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**Customer PO:** 

**EMSL Sales Rep:** Christopher Brandt Received: 08/28/2024 09:00 Reported: 09/19/2024 17:23

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method	
Sample: 55-West-S-27/Room 004		Lims	s Refere	ence ID:	AC28923-55	Matrix: Drinkir	ng Water	Sampled: 08/27/24 10:46:00		
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:37	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 57-West-WF-28/Outside of 002		Lims	s Refere	ence ID:	AC28923-57	Matrix: Drinkir	ng Water	Sam	pled: 08/27/24 10:54:00	
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:39	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 59-West-WF-29/Outside of 002		Lims Reference ID: AC28923-59 Matrix: Drinking Water							pled: 08/27/24 11:00:00	
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:41	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 61-West-BF-00/Outside of 002	Lims Reference ID: AC28923-61 Matrix: Drinking Water						ng Water	Sam	pled: 08/27/24 11:08:00	
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:43	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 63-West-WF-30/Outside of Cafeteria		Lims	s Refere	ence ID:	AC28923-63	Matrix: Drinkir	ıg Water	Sam	pled: 08/27/24 11:20:00	
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:49	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 65-West-WF-31/Outside of Cafeteria		Lims	s Refere	ence ID:	AC28923-65	Matrix: Drinkir	ng Water	Sam	pled: 08/27/24 11:24:00	
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:51	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 67-West-BF-001/Outside of Cafeteria		Lims	s Refere	ence ID:	AC28923-67	Matrix: Drinkir	ng Water	Sam	pled: 08/27/24 11:28:00	
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:56	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 69-West-WF-32/Outside of 340	Lims Reference ID:				AC28923-69	Matrix: Drinkir	ıg Water	Sam	pled: 08/27/24 11:35:00	
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:23	09/19/24 02:58	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 71-West-WF-33/Outside of 340		Lims	s Refere	ence ID:	AC28923-71	Matrix: Drinkir	ng Water	Sam	pled: 08/27/24 11:42:00	
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:23	09/19/24 03:00	PL	EPA 200.8 (DA)/EPA 200.8	



Attention: Angelica Rosa Perez

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**Project Name:** 

24-456892 Union County Vue Technical School - West Hall / West Hall Addition

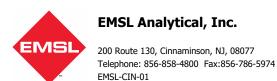
Customer PO:

 EMSL Sales Rep:
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 08/28/2024 09:00

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Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method	
Sample: 73-West-BF-002/Outside of 340		Lims Reference ID:			AC28923-73 Matrix: Drinking Water			Sampled: 08/27/24 11:46:00		
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:23	09/19/24 03:02	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 75-West-WF-34/Room 342		Lims Reference ID:		AC28923-75	5 Matrix: Drinking Water		Sampled: 08/27/24 11:56:00			
Metals Lead	1.09		1	1.00	μg/L	09/16/24 17:23	09/19/24 03:04	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 77-West-S-35/Room 343		Lims Reference ID:			AC28923-77	Matrix: Drinkin	g Water	Sampled: 08/27/24 12:04:00		
Metals Lead	3.54		1	1.00	μg/L	09/16/24 17:23	09/19/24 03:06	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 79-West-BF-36/Room 344		Lims Reference ID:			AC28923-79	28923-79 Matrix: Drinking Water			pled: 08/27/24 12:12:00	
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:23	09/19/24 03:08	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 81-West-WF-003/Room 344		Lims Reference ID:		AC28923-81 Matrix: Drinking Water		Sam	pled: 08/27/24 12:15:00			
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 10:51	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 83-West-WF-37/Room 345		Lims Reference ID:		AC28923-83 Matrix: Drinking Water		Sam	pled: 08/27/24 12:22:00			
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 10:57	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 85-West-BF-004/Room 345		Lims Reference ID:		AC28923-85	C28923-85 Matrix: Drinking Water		Sam	pled: 08/27/24 12:30:00		
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 10:59	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 87-West-WF-38/Room 366		Lims Reference ID:		AC28923-87	Matrix: Drinking Water		Sam	pled: 08/27/24 12:37:00		
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:01	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: 89-West-BF-005/Room 366		Lims Reference ID:			AC28923-89 Matrix: Drinking Water			Sam	pled: 08/27/24 12:42:00	
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:03	PL	EPA 200.8 (DA)/EPA 200.8	



EMSL Order ID: 012428923 LIMS Reference ID: AC28923 EMSL Customer ID: 32PRTN78G

**Project Name:** 24-456892 Union County Vue Technical

School - West Hall / West Hall Addition

industrial way west

611 Industrial Way West Eatontown, New Jersey 07724

Partner Engineering and Science, Inc. [32PRTN78G]

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**Customer PO:** 

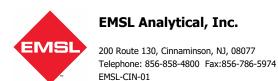
 EMSL Sales Rep:
 Christopher Brandt

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 08/28/2024 09:00

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# Analytical Results (Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 91-West-WF-39/Outside of 363		Lims	Refere	ence ID:	AC28923-91	Matrix: Drinking	g Water	Sar	npled: 08/27/24 12:46:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:09	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 93-West-WF-40/Outside of 363		Lims	Refere	ence ID:	AC28923-93	Matrix: Drinking	g Water	Sar	npled: 08/27/24 12:52:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:10	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 95-West-BF-006/Outside of 363		Lims	Refere	ence ID:	AC28923-95	Matrix: Drinking	g Water	Sar	npled: 08/27/24 12:57:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:12	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 97-West-WF-41/Outside of 346		Lims	Refere	ence ID:	AC28923-97	Matrix: Drinking	g Water	Sar	npled: 08/27/24 13:05:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:14	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 99-West-WF-42/Outside of 346		Lims	Refere	ence ID:	AC28923-99	Matrix: Drinking	g Water	Sar	npled: 08/27/24 13:08:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:16	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 101-West-BF-007/Outside of 346		Lims	Refere	ence ID:	AC28923-AB	Matrix: Drinkin	g Water	Sar	npled: 08/27/24 13:11:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:18	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 103-West-POE-43/Faculty Room / Lounge 717		Lims	Refere	ence ID:	AC28923-AD	) Matrix: Drinkin	g Water	Sar	npled: 08/27/24 13:40:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:24	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 105-West-WF-44/Outside of 707		Lims	Refere	ence ID:	AC28923-AF	Matrix: Drinkin	g Water	Sar	npled: 08/27/24 13:48:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:26	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 107-West-WF-45/Outside of 707		Lims	Refere	ence ID:	AC28923-AH	l Matrix: Drinkin	g Water	Sar	npled: 08/27/24 13:53:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:31	PL	EPA 200.8 (DA)/EPA 200.8



**EMSL Order ID:** 012428923 LIMS Reference ID: AC28923 EMSL Customer ID: 32PRTN78G

Attention: Angelica Rosa Perez **Project Name:** 24-456892 Union County Vue Technical

Partner Engineering and Science, Inc. [32PRTN78G]

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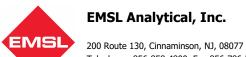
School - West Hall / West Hall Addition

**Customer PO:** 

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# **Analytical Results** (Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analys Initials		Prep /Analytical Method
Sample: 109-West-BF-008/Outside of 707		Lim	s Refere	nce ID:	AC28923-AJ	Matrix: Drinking	g Water	:	Sampled:	08/27/24 13:56:00
<b>Metals</b> Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:33	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 111-West-WF-46/Room 707 / Fitness Room		Lim	s Refere	nce ID:	AC28923-AL	Matrix: Drinkin	g Water	;	Sampled:	08/27/24 14:00:00
<b>Metals</b> Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:35	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 113-West-WF-47/Room 707 / Fitness Room		Lim	s Refere	nce ID:	AC28923-AN	Matrix: Drinkin	g Water	:	Sampled:	08/27/24 14:06:00
<b>Metals</b> Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:37	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 115-West-BF-48/Room 707 / Fitness Room		Lim	s Refere	nce ID:	AC28923-AP	Matrix: Drinkin	g Water	;	Sampled:	08/27/24 14:13:00
<b>Metals</b> Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:39	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 117-West-WF-49/Near C18		Lim	s Refere	nce ID:	AC28923-AR	Matrix: Drinkin	g Water	:	Sampled:	08/27/24 14:27:00
<b>Metals</b> Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:41	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 119-West-WF-50/Near C18		Lim	s Refere	nce ID:	AC28923-AT	Matrix: Drinking	g Water	;	Sampled:	08/27/24 14:32:00
<b>Metals</b> Lead	ND		1	1.00	μg/L	09/16/24 17:34	09/19/24 11:43	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 121-West-BF-009/Near C18		Lim	s Refere	nce ID:	AC28923-AV	Matrix: Drinking	g Water	;	Sampled:	08/27/24 14:37:00
<b>Metals</b> Lead	ND		1	1.00	μg/L	09/16/24 17:42	09/19/24 09:01	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 123-West-WF-51/Outside of 808		Lim	s Refere	nce ID:	AC28923-AX	Matrix: Drinkin	g Water	;	Sampled:	08/27/24 14:44:00
<b>Metals</b> Lead	ND		1	1.00	μg/L	09/16/24 17:42	09/19/24 09:06	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 125-West-WF-52/Outside of 808		Lim	s Refere	nce ID:	AC28923-AZ	Matrix: Drinkin	g Water		Sampled:	08/27/24 14:48:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:42	09/19/24 09:08	PL	EPA	200.8 (DA)/EPA 200.8



Telephone: 856-858-4800 Fax:856-786-5974

EMSL-CIN-01

**Project Name:** 24-456892 Union County Vue Technical

School - West Hall / West Hall Addition

**EMSL Order ID:** 012428923 LIMS Reference ID: AC28923

EMSL Customer ID: 32PRTN78G

Attention: Angelica Rosa Perez Partner Engineering and Science, Inc. [32PRTN78G]

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**Customer PO:** 

**EMSL Sales Rep:** Christopher Brandt Received: 08/28/2024 09:00 Reported: 09/19/2024 17:23

# **Analytical Results** (Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 127-West-BF-53/Outside of 808		Lims I	Referenc	ce ID:	AC28923-BB	Matrix: Drinking	g Water	Samp	oled: 08/27/24 14:52:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:42	09/19/24 09:14	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 129-Bax-WF-001/Baxell Fitness / Rm 122		Lims I	Reference	ce ID:	AC28923-BD	Matrix: Drinkin	g Water	Samp	oled: 08/27/24 15:36:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:42	09/19/24 09:16	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 131-Bax-BF-002/Baxell Fitness / Rm 122		Lims I	Reference	ce ID:	AC28923-BF	Matrix: Drinking	g Water	Samp	oled: 08/27/24 15:39:00
Metals Lead	ND		1	1.00	μg/L	09/16/24 17:42	09/19/24 09:18	PL	EPA 200.8 (DA)/EPA 200.8



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EMSL-CIN-01

LIMS Reference ID: AC28923 EMSL Customer ID: 32PRTN78G

**EMSL Order ID:** 012428923

Attention: Angelica Rosa Perez

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School - West Hall / West Hall Addition

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# **Certified Analyses included in this Report**

Certifications Analyte

EPA 200.8 in Drinking Water

NJDEP Lead

### **List of Certifications**

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	68-00367	11/30/2024
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 <a href="www.emsl.com">www.emsl.com</a> for a complete listing of parameters for which EMSL is certified.



# **EMSL Analytical, Inc.**

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

EMSL-CIN-01

**Project Name:** 24-456892 Union County Vue Technical

School - West Hall / West Hall Addition

EMSL Order ID: 012428923 LIMS Reference ID: AC28923

**EMSL Customer ID:** 32PRTN78G

Partner Engineering and Science, Inc. [32PRTN78G]

611 Industrial Way West Eatontown, New Jersey 07724

(732) 403-5869

Attention: Angelica Rosa Perez

arosaperez@partnersi.com

**Customer PO:** 

 EMSL Sales Rep:
 Christopher Brandt

 Received:
 08/28/2024 09:00

 Reported:
 09/19/2024 17:23

#### **Notes and Definitions**

<u>Item</u> **Definition** For metals analysis, sample was digested. (Dig) [2C] Reported from the second channel in dual column analysis. DF Dilution Factor Method Detection Limit. MDL ND Analyte was NOT DETECTED at or above the detection limit. NR Spike/Surrogate showed no recovery. 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 ANALYTICAL, INC.

# **Lead Chain of Custody**

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc. 200 Route 130 North

ACOROO2

Cinnaminson, NJ 08077

SL ANALYTICAL, INC.	FICASUIA!			PHONE: (800) 220-3675
	1010	- I - I - I - I - I - I - I - I - I - I		EMAIL: CinnaminsonLeadLab
Customer ID:		Billing ID:	1	
Company Name! CHAPI Eggnee	ring And Science	Company Name:	ather Engineering and	Science
Contact Name: Applica Cover	, 0	Billing Contact:	Angelica Perez	30107-0
Street Address:	. Wey West	Billing Contact: Street Address:	III I I I I I I I I I I I I I I I I I	1001
City, State, Zip:		City, State, Zip:	1 000	68+
Catonfolin, NJ	Country: SA			Country USA
Phone: 732-403-581	69 .	Phone:	2-407-5869	
Email(s) for Report: a rusa perevo	pertneresi com	Email(s) for Invoice:	2 / 2 2 2 2 2 2	i' een
		roject Information	and safer a portion of	Sj.com
ect 24 45 200 11.	0 1 ./ 6	1 14 11 11 /4 /	Purchase	
1e/No: 17 9 1689 Uhiov	County Vue lechnical School		Al Addition Order:	
L LIMS Project ID: blicable, EMSL will		US State where samples collected:	State of Connecticut (CT) m	
de)	0	ouriples solicates.	Commercial (Taxa	Residential (Non-Taxa
pled By Name: Juan J. Machel	Sampled Bly Signature:	imena		No. of Samples in Shipment
		-Around-Time (TAT)		170
3 Hour 6 Hour	24 Hour 32 Hour	48 Hour 72 H	our 96 Hour	Mawak Dawa
J L				1 Week 2 Week
MATRIX	call shead for large projects and/or turnaround times 6 Hours or METHOD	INSTRUMENT	REPORTING LIMI	
		MOTITORIE!	KEF OKTING LIMI	<u>SELECTION</u>
PS% by wtppm (mg/kg)mg/cm² orting Limit based on a minimum 0.25g	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	
le weight.	C/A/ 940 C0400*	IOD CEO		
appropriate for Ceramic Tiles - XRF is nmended	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	
	NIOSH 7082	Flame Atomic Absorption	4µg/filter	
	NIOSH 7303M	ICP-OES	1.0µg/filter	
-	NIOSH 7303M	ICP-MS	0.05µg/filter	
E ASTM NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	
			Topg/wipe	
box is checked, non-ASTM Wipe is med	SW 846-6010D*	ICP-OES	1.0µg/wipe	
	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	
P	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	
	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption		
P	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	
	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	
	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	
C	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	
	SW 846-7000B	Flame Atomic Absorption		
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	
tewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	
reserved	EPA 200.7	•		
erved with HNO3 PH<2		ICP-OES	0.020 mg/L (ppm)	
king Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	
eserved	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	
erved with HNO3 PH<2				
SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	
er:				
Sample Number	Sample Location		Values ( A	
Sample Number	Sample Location		Volume / Area	Date / Time Sampled
1 - DI	1) Mr. de of 308A		150 ml	8/17/24 747
TOWN W	AMDION DE SOLVE		1) O MAI	SUM 191
-MF-016				747
-0 / -0/	1.0			
- BF - 02				749
-BK-024	, V			750
11	Outside of 307		1	10
. 181	vws. de of so!		4	100
V-WY-03		Comple Condition Un	on Receipt:	, 3
		Sample Condition Op		
od of Shipment:		Danie de		
	Date/Time: US7	Danie de	- (uī)	Date/Time
od of Shipment:	8(2724 45)	Received by:	Z (MI)	8.27.240
od of Shipment:	Date/Time: US7 Date/Time:	Danie de	= (NI) 817 461 FE18	9.21.24@ Date/Time

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

Claude Confirmed 2 week TAT 8/2800

Page 1 of 7



404

WEN



# **Lead Chain of Custody**

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc. 200 Route 130 North Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

ACQ89QS

150 ML	1 1 0 100
C JO JAL	8/21/24 809
	803
	808
	804
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	8:
	8.
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	35
	35
	85
	901
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	92
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	V 91
	ample Condition Upon Receipt:

Controlled Document COC-25 Lead R18 4/04/2024

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

EMSL ANALYTICAL, INC.
TESTING LABS - PRODUCTS - TRAINING

# **Lead Chain of Custody**

FMSI Order Number / Lab Use Only

EMSL Analytical, Inc. 200 Route 130 North Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

EMSL Order Number / Lab Ose Only	
AC28923	

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
5 That 5-16	Rom 331/ Culinary	150ml	8/27/24 930
-5-16F	Rom 331 / Culinary		930
-5-17			937
-S-17F			937
-5-18			940
-5-181=			940
-5-19			944
-5-19-	1	4 -	940
-5-20	Room 330/culinary		9 48
- 5-204	7		941
-WF-21	Cafeteria		955
-WF-718	1	Y	955
-WK-22V			100
-UF-22F			1000
-BF-73#			100
-BF-23F	4		10.5
-5-23	Kitchen		(0)
-5-234			101
-5-24			101
-5-24/		-	107
-5-25			(07
-5-25E	<b>1</b>		(0
-5-26	Roone 604		10
-S-26F			10
-5-27	J	J	100
nod of Shipment:		Sample Condition Upon Receipt:	lp.u.g.
nquished by:	Date/Time:	Received by:	Date/Time  Date/Time

#### EMSL Analytical, Inc. Lead Chain of Custody 200 Route 130 North EMSL Order Number / Lab Use Only Cinnaminson, NJ 08077 ANALYTICAL, INC. TESTING PHONE: (800) 220-3675 EMAIL: CinnaminsonLeadLab@emsl.com Customer ID: Billing ID: Company Name: Company Name: Contact Nam Billing Contact: Street Address Street Address: Custome City, State, Zip: Country: City, State, Zip: Country Phone Phone Email(s) for Report: Email(s) for Invoice: Project Information Project Purchase Name/No Order EMSL LIMS Project ID: (If applicable, EMSL will provide) State of Connecticut (CT) must select project location: US State where samples collected Commercial (Taxable) Residential (Non-Taxable) Sampled By Name: Sampled By Signature: No. of Samples in Shipment Turn-Around-Time (TAT) 3 Hour 6 Hour 24 Hour 32 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week e call ahead for large \*32 Hour TAT available for se MATRIX **METHOD** INSTRUMENT REPORTING LIMIT SELECTION CHIPS 6 by wt. ppm (mg/kg) mg/cm SW 846-7000B Flame Atomic Absorption 0.008% (80ppm) \*Reporting Limit based on a minimum 0.25g sample weight. \*\*Not appropriate for Ceramic Tiles - XRF is recommended SW 846-6010D ICP-OES 0.0004% (4ppm) **NIOSH 7082** Flame Atomic Absorption 4µg/filter AIR NIOSH 7303M ICP-OES 1.0ug/filter NIOSH 7303M ICP-MS 0.05µg/filter NON-ASTM ASTM WIPE SW 846-7000B Flame Atomic Absorption 10µg/wipe \*If no box is checked, non-ASTM Wipe is SW 846-6010D\* ICP-OES 1.0µg/wipe assumed SW 846-1311 / 7000B / SM 3111B Flame Atomic Absorption 0.4 mg/L (ppm) TCLP SW 846-1311 / SW 846-6010D\* ICP-OES 0.1 mg/L (ppm) SW 846-1312 / 7000B / SM 3111B Flame Atomic Absorption 0.4 mg/L (ppm) SPLP SW 846-1312 / SW 846-6010D\* ICP-OES 0.1 mg/L (ppm) 22 CCR App. II, 7000B Flame Atomic Absorption 40mg/kg (ppm) TTLC 2mg/kg (ppm) 22 CCR App. II, SW 846-6010D\* ICP-OES 22 CCR App. II, 7000B Flame Atomic Absorption 0.4 mg/L (ppm) STLC 22 CCR App. II, SW 846-6010D\* ICP-OES 0.1 mg/L (ppm) SW 846-7000B Flame Atomic Absorption 40mg/kg (ppm) Soil SW 846-6010D\* ICP-OES 2mg/kg (ppm) SM 3111B / SW 846-7000B Flame Atomic Absorption Wastewater 0.4 mg/L (ppm) Unpreserved EPA 200.7 ICP-OES 0.020 mg/L (ppm) Preserved with HNO3 PH<2 ICP-OES EPA 200.5 **Drinking Water** 0.003 mg/L (ppm) **EPA 200.8** ICP-MS 0.001 mg/L (ppm) Preserved with HNO3 PH<2 TSP/SPM Filter 40 CFR Part 50 ICP-OFS 12 µg/filter Other: Sample Number Sample Location Volume / Area Date / Time Sampled

\*6010C Available Upon Request 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

Received by:

Received by:

Date/Time:

Date/Time:

Sample Condition Upon Receipt:

Method of Shipment:

Relinquished by:

Relinquished by

ontrolled Document COC-25 Lead R18 4/04/2024

Date/Time

Date/Time



# **Lead Chain of Custody**

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc. 200 Route 130 North Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

Sample Number	Sample Location	Volume / Area		Date / Time Sampled		
S-27F	Rum 004		15000	8/17/14	1046	
-WF-28	Outside of voz				1054	
- WF-28F					1054	
- HF-29				-	1100	
-WE-29F			¥		1/00	
- BF-00					1108	
-BE-00E					1/08	
-WE-30	Ourside of Cafeteria				1120	
-WE-30 F		,			1120	
-ME-31					1124	
-WE-31F					1124	
-BE-vol					1/28	
-BE-001E					1128	
-WE-32	outside of 340				1135	
-WE-32F					135	
-WE-33					1142	
-WE-33E					1142	
-BF-002					1146	
-BF-002F	V				1146	
-WF-34	1				1156	
-WF-34F	Rom 342				1156	
- 5-35	Rom 343				1204	
- S-35F	lan 343				1204	
-BF-36	Com 344				1212	
J -6F-36 K	Room 344		1		1212	
nod of Shipment:	Second .	Sample Conditio	n Upon Receipt:			
nquished by:	Date/Time:	Received by:		Date/Time	2	

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 Customer.



# **Lead Chain of Custody**

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc. 200 Route 130 North Cinnaminson, NJ 08077

PHONE:	(800)	220-367

EMAIL: CinnaminsonLeadLab@emsl.com

ACQ8QQ3	

Sample Number	Sample Location	Volume / Ar	rea Date / Time Sampled
HHHF-003	Room 344	150 MC	8/27/24 1215
- LOF - 0034	Room 344	1	1 125
- WF-37	Joon 345		1222
-WE-37F	11 / 11	4	izn
-BF-004			1230
-BF-004F	1		1230
-HE-38	Room 366		1237
-WF-38F			1237
-BF-UVT			1242
-BF-605F	1		114
- WF-39	Verside of 363		1246
-WE-39 F			124
-WF0.40			17.5
-WF-40F			125
-86-006			125
-BF-V06F	<b>V</b>		125
-#WF-41	Outside of 346		[0]
-WE-41E			lot
-118-42			108
-WE-42F			(08
-BE-007			111
-BF-UUTE	<b>1</b>		1,1
= POE-43	Koculty (boyon) Coun	se/7/7	juo
- POE- 43F	Faculty amena / Lou	400717	140
100 000	(5,50)	2	1
hod of Shipment:		Sample Condition Upon Receipt:	
nquished by:	Date/Time:	Received by:	Date/Time  Date/Time



Additional Pages of the Chain of Custody are o

# **Lead Chain of Custody**

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc. 200 Route 130 North Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

# ecessary if needed for additional sample information Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Date / Time Sampled Volume / Area Sample Location Sample Number 148 Outside of 707 27/24 West-WF-U4 148 -WE- 44F 153 - WF- 45 153 -WF-45P 156 - BF - UUS -BG- UUSF 156 200 Fifness low -WF-46 200 -WF-46F 206 -WE-47 206 -WF-47F 213 - BF- 48 213 -BF-48F 227 -WF-49 Near LIS 227 - WF-49F 732 -WF-50 232 -WF-90F 237 - BF-009 237 -BF-009F -WF-51 244 - WF-51F 248 - WF-52 -WF-52F 252 -BF-53 252 -BF-53 F Sample Condition Upon Receipt: Method of Shipment: Date/Time Date/Time: Received by Relinquished by: Date/Time Received by: Date/Time: Relinquished by: Controlled Document COC-25 Lead R18 4/04/2024 AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)



# **Lead Chain of Custody**

EMSL Order Number / Lab Use Only

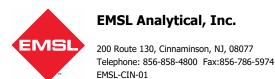
EMSL Analytical, Inc. 200 Route 130 North Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

AC08923
---------

ample Number Sample Location			Volume / Area	Date / Time Sampled		
boxell (	tress lawin	, , ,		8/27/24	336	
7	1			1	336	
					739	
					339	
	<u> </u>					
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		Sample Cond	dition Upon Receipt:			
li li	Date/Time:			Date/Time		
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		Baxell (itress (film in))  Date/Time:	Sample Location  Bax(a) (Fraction (In IN)    Sample Continue (In In I	Sample Location  South File Condition Upon Receipt  Date/Time:  Received by:	Bargle Condition Upon Receipt  Date/Time:  Date/Date/Date/Date/Date/Date/Date/Date/	



EMSL Order ID: 012429123 LIMS Reference ID: AC29123 EMSL Customer ID: 32PRTN78G

Attention: Angelica Rosa Perez

Partner Engineering and Science, Inc. [32PRTN78G]

611 Industrial Way West Eatontown, New Jersey 07724

(732) 403-5869

arosaperez@partnersi.com

**Project Name:** 

24-456892 Union County Voc Technical High

School-Westhell Addition E

**Customer PO:** 

 EMSL Sales Rep:
 Christopher Brandt

 Received:
 09/04/2024 09:00

 Reported:
 09/19/2024 15:25

# **Analytical Results**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: West-WF-54/Kitchen/Hallway Restrooms		Lims	Refere	nce ID:	AC29123-01	Matrix: Drinking	g Water	Sai	mpled: 09/03/24 07:43:00
Metals Lead	ND		1	1.00	μg/L	09/15/24 15:07	09/16/24 17:09	PL	EPA 200.8 (DA)/EPA 200.8
Sample: West-WF-55/Kitchen/Hallway Restrooms		Lims	Refere	nce ID:	AC29123-03	Matrix: Drinking	g Water	Saı	mpled: 09/03/24 07:47:00
Metals Lead	ND		1	1.00	μg/L	09/15/24 15:20	09/18/24 19:54	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: West-BF-56/Kitchen/Hallway Restrooms		Lims	Refere	nce ID:	AC29123-05	Matrix: Drinking	g Water	Saı	mpled: 09/03/24 07:49:00
Metals Lead	ND		1	1.00	μg/L	09/15/24 15:20	09/18/24 20:02	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: West-WF-57/Outside Supermarket/Hallway		Lims	Refere	nce ID:	AC29123-07	Matrix: Drinking	g Water	Saı	mpled: 09/03/24 07:58:00
Metals Lead	ND		1	1.00	μg/L	09/15/24 15:20	09/18/24 20:10	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: West-WF-58/Outside Supermarket/Hallway		Lims	Refere	nce ID:	AC29123-09	Matrix: Drinking	g Water	Saı	mpled: 09/03/24 08:02:00
Metals Lead	ND		1	1.00	μg/L	09/15/24 15:20	09/18/24 20:14	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: West-BF-59/Outside Supermarket/Hallway		Lims	Refere	nce ID:	AC29123-11	Matrix: Drinking	y Water	Sai	mpled: 09/03/24 08:05:00
Metals Lead	ND		1	1.00	μg/L	09/15/24 15:20	09/18/24 20:17	LXK	EPA 200.8 (DA)/EPA 200.8



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

EMSL-CIN-01

EMSL Customer ID: 32PRTN78G

EMSL Order ID: 012429123 LIMS Reference ID: AC29123

Attention: Angelica Rosa PerezProject Name:24-456892 Union County Voc Technical High

Partner Engineering and Science, Inc. [32PRTN78G] School-Westhell Addition E

611 Industrial Way West Eatontown, New Jersey 07724

(732) 403-5869

arosaperez@partnersi.com

**Customer PO:** 

 EMSL Sales Rep:
 Christopher Brandt

 Received:
 09/04/2024 09:00

 Reported:
 09/19/2024 15:25

# **Certified Analyses included in this Report**

Analyte Certifications

EPA 200.8 in Drinking Water

Lead NJDEP

### **List of Certifications**

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	68-00367	11/30/2024
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 <a href="www.emsl.com">www.emsl.com</a> for a complete listing of parameters for which EMSL is certified.



# **EMSL Analytical, Inc.**

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

EMSL-CIN-01

**Project Name:** 24-456892 Union County Voc Technical High

School-Westhell Addition E

EMSL Order ID: 012429123 LIMS Reference ID: AC29123

**EMSL Customer ID:** 32PRTN78G

Partner Engineering and Science, Inc. [32PRTN78G]

611 Industrial Way West Eatontown, New Jersey 07724

(732) 403-5869

Attention: Angelica Rosa Perez

arosaperez@partnersi.com

**Customer PO:** 

 EMSL Sales Rep:
 Christopher Brandt

 Received:
 09/04/2024 09:00

 Reported:
 09/19/2024 15:25

#### **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 ANALYTICAL, INC.

# **Lead Chain of Custody**

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc. 200 Route 130 North Cinnaminson, NJ 08077

AC 29123

PHONE: (800) 220-3675

sl.com

0				=MAIL: CinnaminsonLeadLab@em					
Customer ID: ATTINETE ENGINEER	ing And Science 32 PRTA	/78 Billing ID:	S 81						
Company Name:	IER Engineering Am	& Science							
Contact Name: Jugalica Vaver	alscoperer	Billing Contact:	Billing Contact:						
Street Address: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
E City, State, Zip;	Country	City, State, Zip:	THEMPTION MAY 40						
Phone: 1 231 - 401 - 51	07774	Phone: 720 110	M, MJ 01100	Country: USA					
	69	177 70	5-5869						
Email(s) for Report: area forever & fartner & com									
	Att P	roject Information	Purchase						
Project Name/No: 24-456891 Union	County Voc Technical High	School-Worthal Addition	Corder:						
EMSL LIMS Project ID: (If applicable, EMSL will		US State where samples collected:	State of Connecticut (CT) must s						
provide)	,	samples collected.	Commercial (Taxable)	Residential (Non-Taxable)					
Sampled By Name: Juga Junever	Sampled By Signature:	Limenes		No. of Samples in Shipment					
	Turr	n-Around-Time (TAT)	_						
3 Hour 6 Hour	24 Hour 32 Hour	48 Hour 72 Hour	96 Hour	1 Week 2 Week					
	call ahead for large projects and/or turnaround times 6 Hours								
MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION					
CHIPS% by wtppm (mg/kg)mg/cm²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)						
*Reporting Limit based on a minimum 0.25g sample weight.	SW 946 6040D*	IOD OES	0.00049/ (4)						
**Not appropriate for Ceramic Tiles - XRF is recommended	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	Ц					
	NIOSH 7082	Flame Atomic Absorption	4µg/filter						
AIR	NIOSH 7303M	ICP-OES	1.0µg/filter	<del>                                     </del>					
	NIOSH 7303M	ICP-MS	0.05µg/filter	<del>                                     </del>					
WIPE ASTM NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	H					
*If no box is checked, non-ASTM Wipe is	317 040-70005	Traine Atomic Absorption	тору, міре						
assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe						
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)						
TOEF .	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)						
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)						
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<b>—</b>					
TTLC	22 CCR App. II, 7000B 22 CCR App. II, SW 846-6010D*	Flame Atomic Absorption ICP-OES	40mg/kg (ppm) 2mg/kg (ppm)	<del>                                     </del>					
	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)						
STLC	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)						
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)						
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)						
Wastewater Unpreserved	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<u> </u>					
Preserved with HNO3 PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	Щ					
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)						
Unpreserved Preserved with HNO3 PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)						
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter						
Other:	40 01111 01100	10. 020	12 pg/moi						
\									
Sample Number	Sample Location	V	olume / Area	Date / Time Sampled					
West - WE - 54	Kitchen Hallhar Restruct	us	91	3/24 7/43					
	1			1 7.43					
1 -WE-54E	-								
-WF-55				7,47					
-WF-55F				7.47					
	7			_					
V -BF = 56		Sample Condition Have De-	nint:	7.49					
Method of Shipment:		Sample Condition Upon Reco	вірс.						
Relinquished by:	Date/Time:	Received by:	Dat	te/Time					
due Junen	9 3 24	1035 Received by		9/3/2024 10:4544					
Relinquished by:	Date/T m <b>ė</b> ;	Received b  €:	Pisatawaj Dai	te/Time					
Controlled Document COC-25 Lead R18 4/04/2024	*6010C Available U	Jpon Request	1 01/3/24	7:4020					



# **Lead Chain of Custody**

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc. 200 Route 130 North Cinnaminson, NJ 08077

AC 29123

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

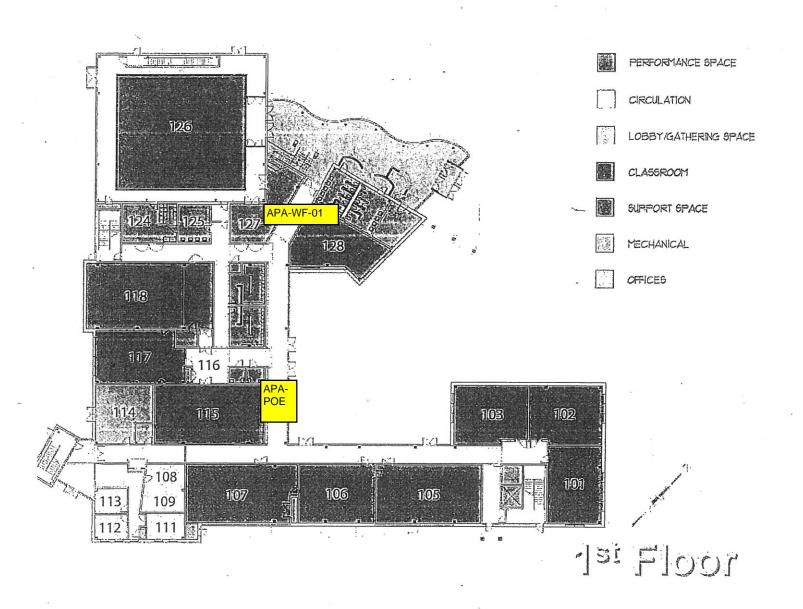
Additional Pages of the Chain of Custody are only nece	pecial Instructions and	l/or Regulatory Requirements (Sample Spe	ecifications,	Processing Methods, Limits of Detection, e	tc.)
Samuela Nameda a		Complete control			
Sample Number	1.13 /11	Sample Location		Volume / Area	Date / Time Sampled
West-BF-56F	Kitchen Ita	Way Restrons			9/8/24 7:49
- HF. 57	Outside Su	analet/Hallury			758
-WF-57F		1			7:59
-WE-28					8:02
-4F.58F					8:00
-BF-59					8:05
J-BF-59F		1			8:05
		9			
					u .
	78				
	1				
Method of Shipment:		<i>a</i> -	Sample Co	ondition Upon Receipt:	
Relinquished by:		Date/Time:	Received I	py:	Date/Time
Relinquished by:	2 2	Date/Time:	Received I	by:	Date/Time

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

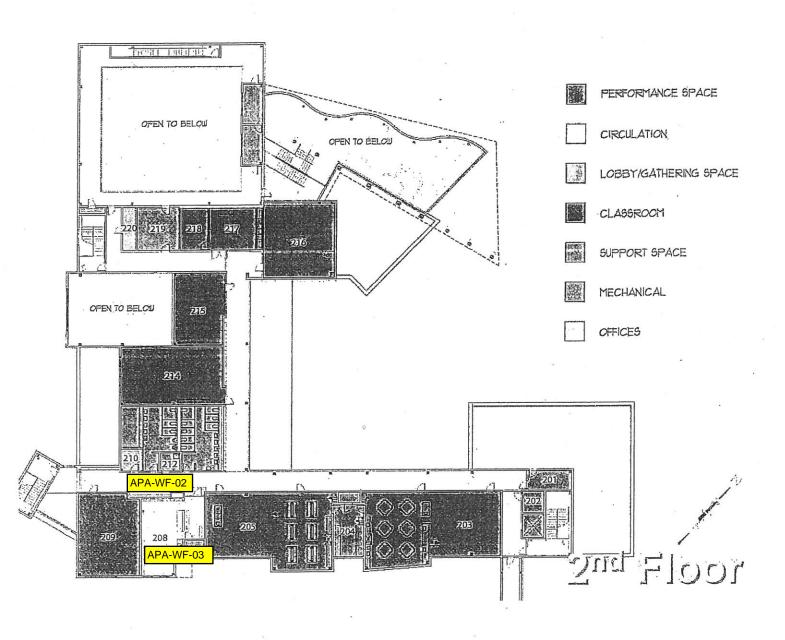
# APPENDIX C: SAMPLE LOCATION DIAGRAM



# Union County Vocational Technical Schools - 1776 Raritan Road, Scotch Plains, New Jersey Academy for Performing Arts - Floor 1

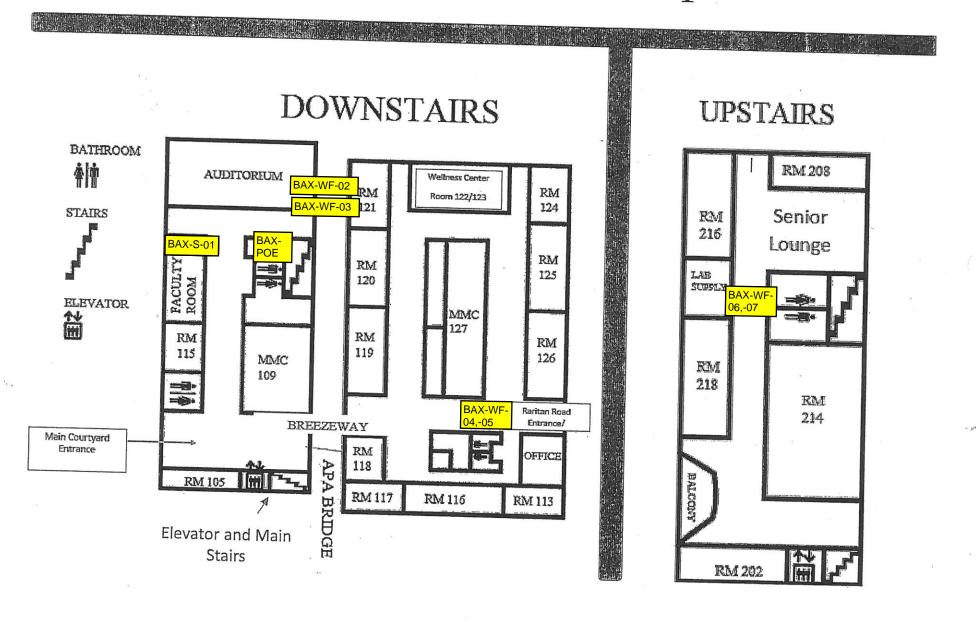


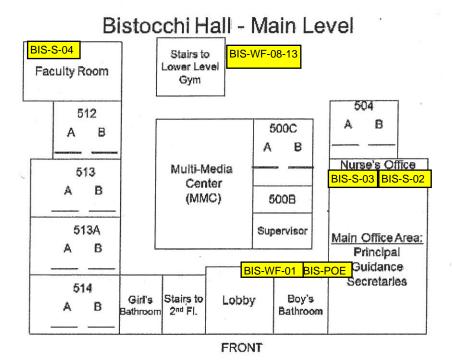
# Union County Vocational Technical Schools - 1776 Raritan Road, Scotch Plains, New Jersey Academy for Performing Arts - Floor 2



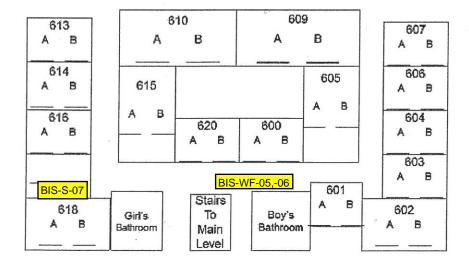


# AAHS Baxel Hall Map





# Bistocchi Hall - Second Floor



FRONT

