



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



Building
Science



Environmental
Consulting



Construction &
Development



Energy &
Sustainability

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.

A handwritten signature in black ink, appearing to read "Dan Bracey".

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.

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	SUBJECT PROPERTY DESCRIPTION	1
1.2	PURPOSE AND SCOPE	1
2.0	METHODOLOGY	2
3.0	ANALYTICAL RESULTS / CONCLUSIONS AND RECOMMENDATIONS	3
3.1	CONCLUSIONS AND RECOMMENDATIONS	3
4.0	LIMITING CONDITIONS.....	4
5.0	SIGNATURES OF PROFESSIONALS	5

The following Appendices are attached at the end of this report.

Appendices

- Appendix A:** Table 1 – Analytical Results Table
- Appendix B:** Laboratory Analysis and Chain-of-Custody
- Appendix C:** Sample Location Diagram

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 NPDWR 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.



Juan Jimenez
Industrial Hygienist

Reviewed by:



Angelica Rosaperez, ASP
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 nd Floor	ND
APA-BF-6	2 nd 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 st Floor	ND
MAG-WF-8	1 st Floor	ND
MAG-BF-9	1 st Floor	ND
MAG-WF-10	1 st Floor Gym	ND
MAG-WF-11	1 st Floor Gym	ND
MAG-BF-12	1 st 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 nd Floor	ND
BAX-WF-9	2 nd Floor	ND
BAX-BF-10	2 nd 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 nd Floor	ND
BIS-WF-7	2 nd Floor	ND
BIS-BF-8	2 nd 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		
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)

1 ppb = 1 ug/L

BOLD = Exceedances above USEPA Action Level 15 ppb

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

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 - UCVIS
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 Reference ID: AC25825-01 Matrix: Drinking Water Sampled: 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 Reference ID: AC25825-03 Matrix: Drinking Water Sampled: 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 Reference ID: AC25825-05 Matrix: Drinking Water Sampled: 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 Reference ID: AC25825-07 Matrix: Drinking Water Sampled: 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 Reference ID: AC25825-09 Matrix: Drinking Water Sampled: 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 Reference ID: AC25825-11 Matrix: Drinking Water Sampled: 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 Reference ID: AC25825-13 Matrix: Drinking Water Sampled: 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 Reference ID: AC25825-15 Matrix: Drinking Water Sampled: 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 Reference ID: AC25825-17 Matrix: Drinking Water Sampled: 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

**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
 Partner Engineering and Science, Inc. [32PRTN78G]
 611 Industrial Way West
 Eatontown, New Jersey 07724
 (732) 403-5869
 arosaperez@partnersi.com

Project Name: 24-456892 - UCVIS
Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/06/2024 10:40
Reported: 08/14/2024 14:00

Analytical Results (Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: APA-BF-6/2nd Floor Lims Reference ID: AC25825-19 Matrix: Drinking Water Sampled: 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 Lims Reference ID: AC25825-21 Matrix: Drinking Water Sampled: 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 Lims Reference ID: AC25825-23 Matrix: Drinking Water Sampled: 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 Lims Reference ID: AC25825-25 Matrix: Drinking Water Sampled: 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 Lims Reference ID: AC25825-27 Matrix: Drinking Water Sampled: 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 Lims Reference ID: AC25825-29 Matrix: Drinking Water Sampled: 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 Lims Reference ID: AC25825-31 Matrix: Drinking Water Sampled: 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 Lims Reference ID: AC25825-33 Matrix: Drinking Water Sampled: 08/06/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 13:07	08/09/24 10:07	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-7/1st Floor Lims Reference ID: AC25825-35 Matrix: Drinking Water Sampled: 08/06/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 13:07	08/09/24 10:13	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
 Partner Engineering and Science, Inc. [32PRTN78G]
 611 Industrial Way West
 Eatontown, New Jersey 07724
 (732) 403-5869
 arosaperez@partnersi.com

Project Name: 24-456892 - UCVIS
Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/06/2024 10:40
Reported: 08/14/2024 14:00

Analytical Results (Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: MAG-WF-8/1st Floor Lims Reference ID: AC25825-37 Matrix: Drinking Water Sampled: 08/06/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 13:07	08/09/24 10:15	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-BF-9/1st Floor Lims Reference ID: AC25825-39 Matrix: Drinking Water Sampled: 08/06/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 13:07	08/09/24 10:17	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-10/1st Floor Gym Lims Reference ID: AC25825-41 Matrix: Drinking Water Sampled: 08/06/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 13:07	08/09/24 10:19	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-11/1st Floor Gym Lims Reference ID: AC25825-43 Matrix: Drinking Water Sampled: 08/06/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 13:07	08/09/24 10:31	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-BF-12/1st Floor Gym Lims Reference ID: AC25825-45 Matrix: Drinking Water Sampled: 08/06/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 13:07	08/09/24 10:33	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-S-13/Faculty Lims Reference ID: AC25825-47 Matrix: Drinking Water Sampled: 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 Reference ID: AC25825-49 Matrix: Drinking Water Sampled: 08/06/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 13:07	08/09/24 10:37	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-WF-15/Outside Mens BR Lims Reference ID: AC25825-51 Matrix: Drinking Water Sampled: 08/06/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 13:07	08/09/24 10:39	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MAG-BF-16/Outside Mens BR Lims Reference ID: AC25825-53 Matrix: Drinking Water Sampled: 08/06/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 13:07	08/09/24 10:41	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
 Partner Engineering and Science, Inc. [32PRTN78G]
 611 Industrial Way West
 Eatontown, New Jersey 07724
 (732) 403-5869
 arosaperez@partnersi.com

Project Name: 24-456892 - UCVIS

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

Analytical Results (Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: BAX-BF-10/2nd Floor Lims Reference ID: AC25825-73 Matrix: Drinking Water 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 Reference ID: AC25825-75 Matrix: Drinking Water 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 Reference ID: AC25825-77 Matrix: Drinking Water 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 Reference ID: AC25825-79 Matrix: Drinking Water 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 Reference ID: AC25825-81 Matrix: Drinking Water 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 Reference ID: AC25825-83 Matrix: Drinking Water 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 Reference ID: AC25825-85 Matrix: Drinking Water 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 Reference ID: AC25825-87 Matrix: Drinking Water 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 Reference ID: AC25825-89 Matrix: Drinking Water 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

**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
 Partner Engineering and Science, Inc. [32PRTN78G]
 611 Industrial Way West
 Eatontown, New Jersey 07724
 (732) 403-5869
 arosaperez@partnersi.com

Project Name: 24-456892 - UCVIS
Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/06/2024 10:40
Reported: 08/14/2024 14:00

Analytical Results (Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: BIS-S-9/Faculty									
Lims Reference ID: AC25825-91						Matrix: Drinking Water		Sampled: 08/06/24 00:00:00	
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 16:06	08/09/24 09:20	PL	EPA 200.8 (DA)/EPA 200.8
Sample: BIS-WF-10/Girls Locker Room									
Lims Reference ID: AC25825-93						Matrix: Drinking Water		Sampled: 08/06/24 00:00:00	
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 16:06	08/09/24 09:22	PL	EPA 200.8 (DA)/EPA 200.8
Sample: BIS-WF-11/Girls Locker Room									
Lims Reference ID: AC25825-95						Matrix: Drinking Water		Sampled: 08/06/24 00:00:00	
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 16:06	08/09/24 09:28	PL	EPA 200.8 (DA)/EPA 200.8
Sample: BIS-BF-12/Girls Locker Room									
Lims Reference ID: AC25825-97						Matrix: Drinking Water		Sampled: 08/06/24 00:00:00	
Metals									
Lead	ND		1	1.00	µg/L	08/08/24 16:06	08/09/24 09:30	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
 Partner Engineering and Science, Inc. [32PRTN78G]
 611 Industrial Way West
 Eatontown, New Jersey 07724
 (732) 403-5869
 arosaperez@partnersi.com

Project Name: 24-456892 - UCVIS
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

Analyte	Certifications
EPA 200.8 in Drinking Water	
Lead	NJDEP

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 www.emsl.com <<http://www.emsl.com>> 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

EMSL Order ID: 012425825
LIMS Reference ID: AC25825
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 - UCVIS
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.



Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

AC 29825

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

Customer Information	Customer ID:	Billing ID:
	Company Name: Partner Engineering and Science, Inc.	Company Name: Partner Engineering and Science, Inc.
	Contact Name: Angelica Rosaperez	Billing Contact: Angelica Rosaperez
	Street Address: 611 Industrial Way West Suite A	Street Address: 611 Industrial Way West, Suite A
	City, State, Zip: Eatontown NJ 07724 Country: US	City, State, Zip: Eatontown NJ 07724 Country: US
	Phone: 7323801700	Phone: 7323801700
Email(s) for Report: arosaperez@partneresi.com		Email(s) for Invoice:

Project Information

Project Name/No: 24-456892 UCVIS

Purchase Order:

EMSL LIMS Project ID: [Blank]

US State where samples collected: NJ

State of Connecticut (CT) must select project location:
 Commercial (Taxable) Residential (Non-Taxable)

Prepared By Name: Gianna Scudell

Sampled By Signature: [Signature]

No. of Samples in Shipment: 98 (circled)

Turn-Around Time (TAT)

3 Hour 6 Hour 24 Hour 32 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input type="checkbox"/>
Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
	AIR			
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLIC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Unpreserved	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Preserved with HNO3 <input type="checkbox"/> PH<2				
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
Unpreserved	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
Preserved with HNO3 <input checked="" type="checkbox"/> PH<2				
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input checked="" type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
ADM-WF-1	Admission building	250 mL	8/6 7:16
-WF-1F	↓	↓	7:17
WF-2	↓	↓	7:18
WF-2F	↓	↓	7:18
BF-3	↓	↓	7:19

Method of Shipment:

Sample Condition Upon Receipt:

Relinquished by: Juan Jimenez

Date/Time: 8/6/24 10:39 am

Received by: [Signature]

Date/Time: 8-6-24 @ 10:44 AM



Lead Chain of Custody

EMSL Order Number / Lab Use Only

AC25425

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

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 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
ADM-BF-3F	Admission building	250 mL	8/6 7:20
↓ -S-4	↓		7:20
↓ S-4F	↓		7:21
APA-WF-1	APA-Across 116		7:27
↓ WF-1F	↓		7:28
BF-2	↓		7:28
BF-2F	↓		7:29
WF-3	near entrance		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
↓ BF-6F	↓		7:38
MAG-WF-1	MAGNET outsidemen BR		7:56
WF-1F	↓		7:57
WF-2	↓		7:57
WF-2F	↓		7:58
S-2	Faculty		8:00
S-2F	↓		8:00
BF-3	outsidemen BR		7:58
BF-3F	↓		7:59
WF-4	Across 202		8:05
WF-4F	↓		8:05

Method of Shipment:

Sample Condition Upon Receipt:

Relinquished by:

Date/Time:

Received by:

Date/Time

Relinquished by:

Date/Time:

Received by:

Date/Time

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

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.



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRADING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

A2585

EMSL Analytical, Inc.

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

Customer Information	Customer ID:			Billing ID:		
	Company Name: Partner Engineering and Science, Inc.			Company Name: Partner Engineering and Science, Inc.		
	Contact Name: Angelica Rosaperez			Billing Contact: Angelica Rosaperez		
	Street Address: 611 Industrial Way West Suite A			Street Address: 611 Industrial Way West, Suite A		
	City, State, Zip: Eatontown NJ 07724 Country: US			City, State, Zip: Eatontown NJ 07724 Country: US		
	Phone: 7323801700			Phone: 7323801700		
Email(s) for Report: arosaperez@partneresi.com			Email(s) for Invoice:			

Project Information

Project Name/No: 24-456892 UCVTs		Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected: NJ	
		State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)	
Sampled By Name: Gianna Scrovi		Sampled By Signature: <i>Gianna Scrovi</i>	
		No. of Samples in Shipment: 98	

Turn-Around-Time (TAT)

3 Hour
 6 Hour
 24 Hour
 32 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input type="checkbox"/>
Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ <input type="checkbox"/> PH<2 <input type="checkbox"/>	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ <input checked="" type="checkbox"/> PH<2 <input checked="" type="checkbox"/>	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input checked="" type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
MAG-WF-5	Across 202	250 mL	8/6 8:06
WF-5F	↓ 1st floor	↓	8:06
BF-6			8:07
BF-6F			8:08
WF-7			8:09

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:



Lead Chain of Custody

EMSL Order Number / Lab Use Only

AC25825

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

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 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	250 mL	8/6 8:10	
WF-8	↓		8:16	
WF-8F			8:17	
BF-9			8:17	
BF-9F			8:18	
WF-10			1st floor Gym	8:19
WF-10F			8:20	
WF-11			8:20	
WF-11F			8:21	
BF-12			8:21	
BF-12F			↓	8:22
S-13	Faculty	8:22		
S-13F	↓	8:23		
WF-14	outside mens BR	8:30		
WF-14F	↓		8:31	
WF-15			8:31	
WF-15F			8:32	
BF-16			8:32	
BF-16F			8:46	
BAX-S-1			Allied Health faculty	8:48
S-1F			↓	8:49
WF-2			ACROSS Auditorium	8:50
WF-2F	↓		8:51	
WF-3			8:52	
WF-3F			8:52	

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - COC-25 Lead R16 4/18/2021

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.

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

A 225825

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

Customer Information	Customer ID:	Billing ID:
	Company Name: Partner Engineering and Science, Inc.	Company Name: Partner Engineering and Science, Inc.
	Contact Name: Angelica Rosaperez	Billing Contact: Angelica Rosaperez
	Street Address: 611 Industrial Way West Suite A	Street Address: 611 Industrial Way West, Suite A
	City, State, Zip: Eatontown NJ 07724 Country: US	City, State, Zip: Eatontown NJ 07724 Country: US
	Phone: 7323801700	Phone: 7323801700
Email(s) for Report: arosaperez@partneresi.com		Email(s) for Invoice:

Project Information

Project Name/No: **24-456892 UCVTS** Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide) US State where samples collected: **NJ** State of Connecticut (CT) must select project location: Commercial (Taxable) Residential (Non-Taxable)

Sampled By Name: **Gianna Scudell** Sampled By Signature: *[Signature]* No. of Samples in Shipment: **98**

Turn-Around-Time (TAT)

3 Hour 6 Hour 24 Hour 32 Hour 48 Hour 72 Hour 86 Hour 1 Week 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input type="checkbox"/>
Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO3 <input type="checkbox"/> PH<2	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO3 <input checked="" type="checkbox"/> PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
	<u>EPA 200.8</u>	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input checked="" type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
BAX - BF-4	Across Auditorium	250 mL	8/6 8:54
BF-4F	↓	↓	8:55
WF-5	IN between bathrooms	↓	8:58
WF-5F	↓	↓	8:59
BF-6	↓	↓	9:00

Method of Shipment: _____ Sample Condition Upon Receipt: _____

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

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

*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 acceptance and acknowledgment of all terms and conditions by Customer.

65



Lead Chain of Custody

EMSL Order Number / Lab Use Only

AC 25825

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

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

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		
BAX-WF-6F	In between bathrooms	250 mL	8/6 9:00		
BAX-BF-7	↓ 2nd floor		9:01		
BAX-BF-7F			9:02		
BAX-WF-8			9:05		
WF-8F			9:05		
WF-9			9:06		
WF-9F			9:07		
BF-10			9:08		
BF-10F			9:08		
BIS-WF-1			AIT near lobby		9:17
WF-1F			↓ nurse ↓ Faculty ↓ 2nd floor		9:17
WF-2	9:18				
WF-2F	9:18				
BF-3	9:19				
BF-3F	9:19				
S-4	9:20				
S-4F	9:21				
S-5	9:23				
S-5F	9:23				
WF-6	9:34				
WF-6F	9:34				
WF-7	9:35				
WF-7F	9:35				
BF-8	9:36				
BF-8F	9:36				

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

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

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.



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

AC25425

EMSL Analytical, Inc.

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

Customer Information	Customer ID:			Billing ID:		
	Company Name: Partner Engineering and Science, Inc.			Company Name: Partner Engineering and Science, Inc.		
	Contact Name: Angelica Rosaperez			Billing Contact: Angelica Rosaperez		
	Street Address: 611 Industrial Way West Suite A			Street Address: 611 Industrial Way West, Suite A		
	City, State, Zip: Eatontown NJ 07724		Country: US	City, State, Zip: Eatontown NJ 07724		Country: US
	Phone: 7323801700			Phone: 7323801700		
Email(s) for Report: arosaperez@partneresi.com			Email(s) for Invoice:			

Project Information

Project Name/No: 24-456892 UCVIS		Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected: NJ	
		State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)	
Sampled By Name: Gianna Scudull	Sampled By Signature: <i>Gianna Scudull</i>		No. of Samples In Shipment: 98

Turn-Around Time (TAT)

3 Hour
 6 Hour
 24 Hour
 32 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only, samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input type="checkbox"/>
Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> PH<2	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
	<u>EPA 200.8</u>	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input checked="" type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
BIS-S-9	Faculty	250 mL	8/6 9:37
↓ S-9F1	↓	↓	↓ 9:38
↓ WF-10	Girls locker Rm	↓	↓ 9:43
↓ WF-10F	↓	↓	↓ 9:43
↓ WF-11	↓	↓	↓ 9:44

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

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

*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 acceptance and acknowledgment of all terms and conditions by Customer.

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012428923
LIMS Reference ID: AC28923
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 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	Analyst Initials	Prep /Analytical Method
Sample: 1-West-WF-01/Outside of 308A									
				Lims Reference ID:	AC28923-01	Matrix: Drinking 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 Reference ID:	AC28923-03	Matrix: Drinking 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 Reference ID:	AC28923-05	Matrix: Drinking 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 Reference ID:	AC28923-07	Matrix: Drinking Water		Sampled: 08/27/24 08:03:00	
Metals									
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 Reference ID:	AC28923-09	Matrix: Drinking Water		Sampled: 08/27/24 08:06:00	
Metals									
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 Reference 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 Reference ID:	AC28923-13	Matrix: Drinking 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 Reference ID:	AC28923-15	Matrix: Drinking 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 Reference 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

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012428923
LIMS Reference ID: AC28923
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 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 (Continued)

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 Reference ID: AC28923-19 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-21 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-23 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-25 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-27 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-29 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-31 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-33 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-35 Matrix: Drinking Water Sampled: 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

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012428923
LIMS Reference ID: AC28923
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 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 (Continued)

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 Reference ID: AC28923-37 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-39 Matrix: Drinking Water Sampled: 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 Sampled: 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 Sampled: 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 Reference ID: AC28923-45 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-47 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-49 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-51 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-53 Matrix: Drinking Water Sampled: 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

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012428923
LIMS Reference ID: AC28923
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 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 (Continued)

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 Reference ID: AC28923-55 Matrix: Drinking 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 Reference ID: AC28923-57 Matrix: Drinking Water Sampled: 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 Sampled: 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 Sampled: 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 Reference ID: AC28923-63 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-65 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-67 Matrix: Drinking Water Sampled: 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: Drinking Water Sampled: 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 Reference ID: AC28923-71 Matrix: Drinking Water Sampled: 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

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012428923
LIMS Reference ID: AC28923
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 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 (Continued)

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		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: Drinking 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		Matrix: Drinking Water	
						Sampled: 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	
						Sampled: 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	
						Sampled: 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		Matrix: Drinking Water	
						Sampled: 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	
						Sampled: 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	
						Sampled: 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 Analytical, Inc.**

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

EMSL Order ID: 012428923
LIMS Reference ID: AC28923
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 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 (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 Reference ID: AC28923-91 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-93 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-95 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-97 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-99 Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-AB Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-AD Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-AF Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-AH Matrix: Drinking Water Sampled: 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 Analytical, Inc.**

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

EMSL Order ID: 012428923
LIMS Reference ID: AC28923
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 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 (Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method	
Sample: 109-West-BF-008/Outside of 707										
				Lims Reference ID:		AC28923-AJ		Matrix: Drinking Water		Sampled: 08/27/24 13:56:00
Metals										
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										
				Lims Reference ID:		AC28923-AL		Matrix: Drinking Water		Sampled: 08/27/24 14:00:00
Metals										
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										
				Lims Reference ID:		AC28923-AN		Matrix: Drinking Water		Sampled: 08/27/24 14:06:00
Metals										
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										
				Lims Reference ID:		AC28923-AP		Matrix: Drinking Water		Sampled: 08/27/24 14:13:00
Metals										
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										
				Lims Reference ID:		AC28923-AR		Matrix: Drinking Water		Sampled: 08/27/24 14:27:00
Metals										
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										
				Lims Reference ID:		AC28923-AT		Matrix: Drinking Water		Sampled: 08/27/24 14:32:00
Metals										
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										
				Lims Reference ID:		AC28923-AV		Matrix: Drinking Water		Sampled: 08/27/24 14:37:00
Metals										
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										
				Lims Reference ID:		AC28923-AX		Matrix: Drinking Water		Sampled: 08/27/24 14:44:00
Metals										
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										
				Lims Reference ID:		AC28923-AZ		Matrix: Drinking 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	



EMSL Analytical, Inc.

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

EMSL Order ID: 012428923
LIMS Reference ID: AC28923
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 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
(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 Reference ID: AC28923-BB Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-BD Matrix: Drinking Water Sampled: 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 Reference ID: AC28923-BF Matrix: Drinking Water Sampled: 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

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012428923
LIMS Reference ID: AC28923
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 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

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 www.emsl.com 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

EMSL Order ID: 012428923
LIMS Reference ID: AC28923
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 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

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.



Lead Chain of Custody

EMSL Order Number / Lab Use Only

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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

ACQ8923

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

Customer Information	Customer ID:	Billing ID:
	Company Name: <i>Partner Engineering And Science</i>	Company Name: <i>Partner Engineering and Science</i>
	Contact Name: <i>Angelica Pavez</i>	Billing Contact: <i>Angelica Pavez</i>
	Street Address: <i>611 Industrial Way West</i>	Street Address: <i>611 Industrial Way West</i>
	City, State, Zip: <i>Eatontown, NJ 07724</i> Country: <i>USA</i>	City, State, Zip: <i>Eatontown NJ 07724</i> Country: <i>USA</i>
Phone: <i>732-403-5869</i>	Phone: <i>732-403-5869</i>	
Email(s) for Report: <i>arosa.pavez@partneresi.com</i>	Email(s) for Invoice: <i>arosa.pavez@partneresi.com</i>	

Project Information	
Project Name/No: <i>24-456892 Union County Voc Technical School - Westhall/Westhall Addition</i>	Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)	US State where samples collected: <input type="checkbox"/> Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)
Sampled By Name: <i>Juan Jimenez</i>	Sampled By Signature: <i>Juan Jimenez</i>
	No. of Samples in Shipment: <i>132</i>

Turn-Around-Time (TAT)

3 Hour 6 Hour 24 Hour 32 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ² *Reporting Limit based on a minimum 0.25g sample weight. **Not appropriate for Ceramic Tiles - XRF is recommended	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
	NIOSH 7303M	ICP-OES	1.0µg/filter	<input type="checkbox"/>
	NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM *If no box is checked, non-ASTM Wipe is assumed	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO3 <input type="checkbox"/> PH<2	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO3 <input type="checkbox"/> PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
WEST -WF-01	Outside of 308A	150 ml	8/27/24 747
-WF-01F	↓	↓	747
-BF-02	↓	↓	749
-BF-02F	↓	↓	750
↓ -WF-03	Outside of 307	↓	750

Method of Shipment:	Sample Condition Upon Receipt:
Relinquished by: <i>Juan Jimenez</i>	Received by: <i>(NI) Colleen Palladino</i>
Date/Time: <i>8/27/24 4:57pm</i>	Date/Time: <i>8-27-24 @ 4:59 pm</i>
Relinquished by:	Received by: <i>Colleen Palladino</i>
Date/Time:	Date/Time: <i>8/28/24 9pm</i>

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

*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 acceptance and acknowledgment of all terms and conditions by Customer.

Client confirmed 2 week TAT 8/28/24

Page 1 of 1



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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

ACQ89Q3

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
WESTERWF - 03 F	Outside of 307	150 mL	8/27/24 8:04
-WF-04	↓		8:03
-WF-04 F			8:04
-BF-05 ⁽¹⁵⁾			8:06
-BF-05 ⁽¹⁵⁾ F			8:07
-WF-06	outside of 318	↓	8:14
-WF-06 F			8:14
-WF-07			8:17
-WF-07 F			8:17
-BF-08			8:20
-BF-08 F			8:20
-WF-09	Room 319		8:28
-WF-09 F	Room 319		8:28
-WF-10	Room 312		8:44
-WF-10 F	Room 312		8:44
-WF-12	Outside of 325		8:52
-WF-12 F	↓		8:52
-WF-13			8:57
-WF-13 F			8:57
-BF-14		9:00	
-BF-14 F	9:00		
-S-14	Room 331/Culinary	9:10	
-S-14 F	↓	9:20	
-S-15		9:25	
-S-15 F		9:25	

NEW
NEW

NEW
NEW

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

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.'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.

23



EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

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

ACQ8923

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	
W-15-16	Room 331 / culinary	150 ml	8/27/24 9:30	
-S-16F	Room 330 / culinary	↓	9:30	
-S-17	↓		9:37	
-S-17F			9:37	
-S-18			9:40	
-S-18F			9:40	
-S-19			9:44	
-S-19F			9:44	
-S-20			Room 330 / culinary	9:48
-S-20F			↓	9:48
-WF-21			Cafeteria	9:55
-WF-21F			↓	9:55
-WF-22	10:00			
-WF-22F	10:00			
-BF-23	10:08			
-BF-23F	10:08			
-S-23	Kitchen			10:15
-S-23F	↓			10:15
-S-24				10:20
-S-24F				10:20
-S-25		10:28		
-S-25F		10:28		
-S-26		Room 004	10:39	
-S-26F		↓	10:40	
-S-27	10:46			

Method of Shipment:

Sample Condition Upon Receipt:

Relinquished by:

Date/Time:

Received by:

Date/Time

Relinquished by:

Date/Time:

Received by:

Date/Time

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.'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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

Customer Information	Customer ID:		Billing Information	Billing ID:	
	Company Name:			Company Name:	
	Contact Name:			Billing Contact:	
	Street Address:			Street Address:	
	City, State, Zip:	Country:		City, State, Zip:	Country:
	Phone:			Phone:	
Email(s) for Report:			Email(s) for Invoice:		

Project Information			
Project Name/No:	Purchase Order:		
EMSL LIMS Project ID: <small>(If applicable, EMSL will provide)</small>	US State where samples collected:	State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> 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

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ² <small>*Reporting Limit based on a minimum 0.25g sample weight. **Not appropriate for Ceramic Tiles - XRF is recommended</small>	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
AIR	NIOSH 7303M	ICP-OES	1.0µg/filter	<input type="checkbox"/>
	NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW 846-6010D*	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
TCLP	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
TTLC	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
Soil	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO3 <input type="checkbox"/> PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO3 <input type="checkbox"/> PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
TSP/SPM Filter				<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:



Lead Chain of Custody

EMSL Order Number / Lab Use Only

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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

ACQ8923

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

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
WF-27 S-27F	Room 004	150mL	8/27/24 10:46
-WF-28	Outside of 002		10:54
-WF-28F			10:54
-WF-29			11:00
-WF-29F			11:00
-BF-00			11:08
-BF-00F			11:08
-WF-30	Outside of Cafeteria		11:20
-WF-30F			11:20
-WF-31			11:24
-WF-31F			11:24
-BF-001			11:28
-BF-001F			11:28
-WF-32	outside of 340		11:35
-WF-32F			11:35
-WF-33			11:42
-WF-33F			11:42
-BF-002			11:46
-BF-002F			11:46
-WF-34	Room 342		11:56
-WF-34F	Room 342		11:56
-S-35	Room 343		12:04
-S-35F	Room 343		12:04
-BF-36	Room 344		12:12
-BF-36F	Room 344		12:12

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

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.'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) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

ACC28923

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
West Hill WF-003	Room 344	150 uL	8/27/24 12:15
-WF-003F	Room 344		12:15
-WF-37	Room 345		12:22
-WF-37F	" "		12:22
-BF-004			12:30
-BF-004F			12:30
-WF-38	Room 366		12:37
-WF-38F			12:37
-BF-005			12:42
-BF-005F			12:42
-WF-39	Outside of 363		12:46
-WF-39F			12:46
-WF-40			12:52
-WF-40F			12:52
-BF-006			12:57
-BF-006F			12:57
-WF-41	Outside of 346		1:05
-WF-41F			1:05
-WF-42			1:08
-WF-42F			1:08
-BF-007			1:11
-BF-007F			1:11
-POE-43	Faculty Room/Lounge 717		1:40
-POE-43F	Faculty Room/Lounge 717		1:40

Method of Shipment:

Sample Condition Upon Receipt:

Relinquished by:

Date/Time:

Received by:

Date/Time

Relinquished by:

Date/Time:

Received by:

Date/Time

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.'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.

6



Lead Chain of Custody

EMSL Order Number / Lab Use Only

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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

ACQ8923

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

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
WST-WF-44	Outside of 707		8/27/24 148
-WF-44F	↓		148
-WF-45	↓		153
-WF-45F	↓		153
-BF-008	↓		156
-BF-008F	↓		156
-WF-46	Room 707 / Fitness Room		200
-WF-46F	↓		200
-WF-47	↓		206
-WF-47F	↓		206
-BF-48	↓		213
-BF-48F	↓		213
-WF-49	Near C18		227
-WF-49F	↓		227
-WF-50	↓		232
-WF-50F	↓		232
-BF-009	↓		237
-BF-009F	↓		237
-WF-51	Outside of 808		244
-WF-51F	↓		244
-WF-52	↓		248
-WF-52F	↓		248
-BF-53	↓		252
-BF-53F	↓		252

Method of Shipment:

Sample Condition Upon Receipt:

Relinquished by:

Date/Time:

Received by:

Date/Time

Relinquished by:

Date/Time:

Received by:

Date/Time

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.'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.

**EMSL Analytical, Inc.**

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

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 Reference ID: AC29123-01 Matrix: Drinking Water Sampled: 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 Reference ID: AC29123-03 Matrix: Drinking Water Sampled: 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 Reference ID: AC29123-05 Matrix: Drinking Water Sampled: 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 Reference ID: AC29123-07 Matrix: Drinking Water Sampled: 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 Reference ID: AC29123-09 Matrix: Drinking Water Sampled: 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 Reference ID: AC29123-11 Matrix: Drinking Water Sampled: 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

**EMSL Analytical, Inc.**

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

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

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 www.emsl.com 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

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

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.



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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

AC 29123

Customer Information	Customer ID: <i>Partners Engineering And Science 32PRTN78</i>	Billing ID:
	Company Name: <i>G</i>	Company Name: <i>Partners Engineering And Science</i>
	Contact Name: <i>Angelica Perez / Rosaferev</i>	Billing Contact: <i>Angelica Rosaferev</i>
	Street Address: <i>611 Industrial Way West</i>	Street Address: <i>611 Industrial Way West</i>
	City, State, Zip: <i>Easton, NJ 07724</i> Country: <i>USA</i>	City, State, Zip: <i>Easton, NJ 07724</i> Country: <i>USA</i>
Phone: <i>732-403-5869</i>	Phone: <i>732-403-5869</i>	
Email(s) for Report: <i>rosaferev@partners.com</i>	Email(s) for Invoice: <i>rosaferev@partners.com</i>	

Project Name/No: <i>24-456892 Union County Voc Technical High School - Washfield Addition E</i>		Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)	US State where samples collected:	State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)
Sampled By Name: <i>Juan Jimenez</i>	Sampled By Signature: <i>Juan Jimenez</i>	No. of Samples in Shipment: <i>12</i>

Turn-Around-Time (TAT)

3 Hour 6 Hour 24 Hour 32 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

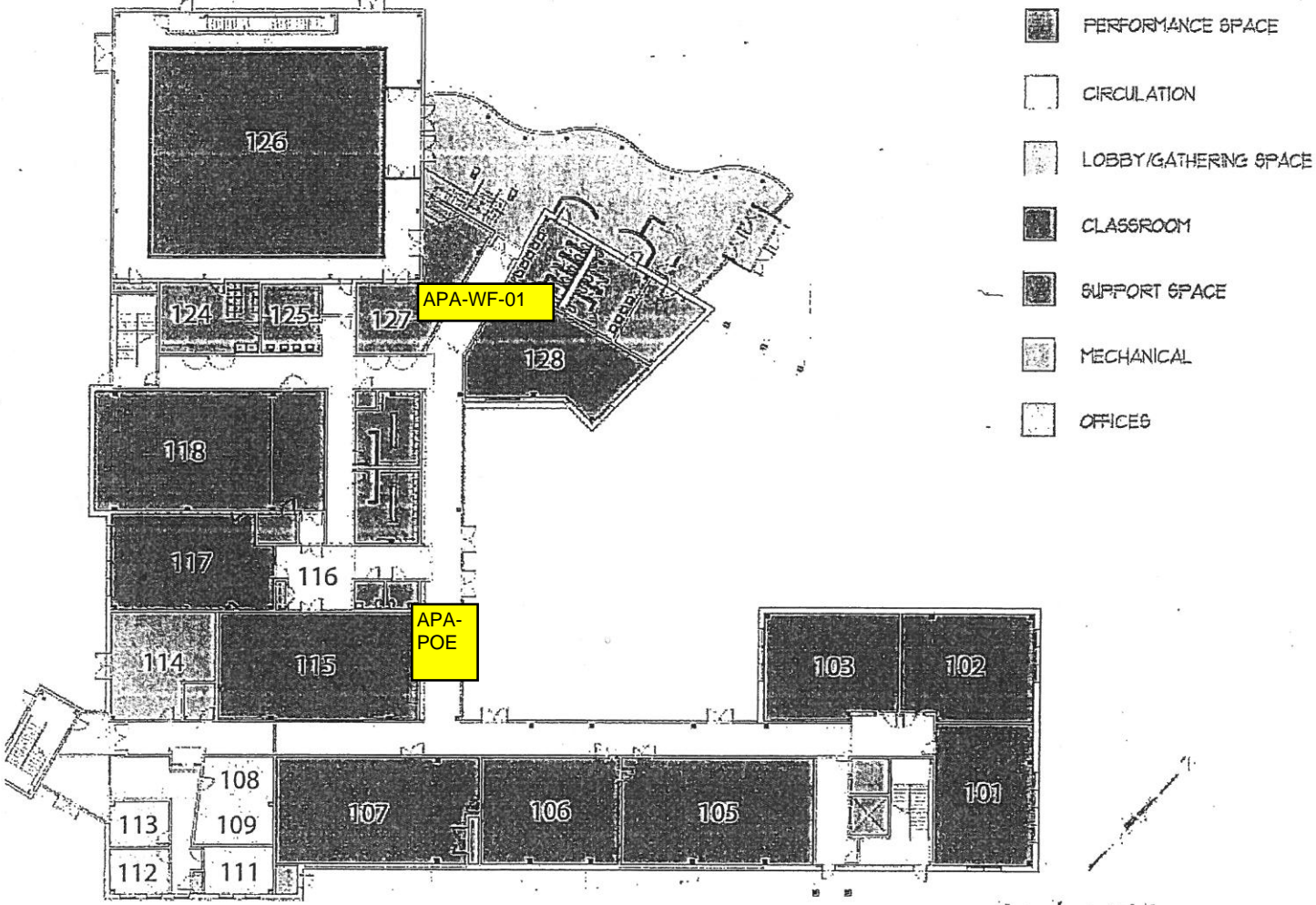
MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ² <small>*Reporting Limit based on a minimum 0.25g sample weight. **Not appropriate for Ceramic Tiles - XRF is recommended</small>	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
AIR	NIOSH 7303M	ICP-OES	1.0µg/filter	<input type="checkbox"/>
	NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO3 <input type="checkbox"/> PH<2	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO3 <input type="checkbox"/> PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
<i>West -WF-54</i>	<i>Kitchen/Hallway Restrooms</i>		<i>9/3/24 7:43</i>
<i>-WF-54F</i>			<i>7:43</i>
<i>-WF-55</i>			<i>7:47</i>
<i>-WF-55F</i>			<i>7:47</i>
<i>-BF-56</i>			<i>7:49</i>

Method of Shipment:	Sample Condition Upon Receipt:
Relinquished by: <i>Juan Jimenez</i> Date/Time: <i>9/3/24 10:35</i>	Received by: <i>[Signature]</i> Date/Time: <i>9/3/24 10:45am</i>
Relinquished by: <i>Juan Jimenez</i> Date/Time: <i>9/3/24 10:35</i>	Received by: <i>[Signature]</i> Date/Time: <i>9/3/24 10:45am</i>

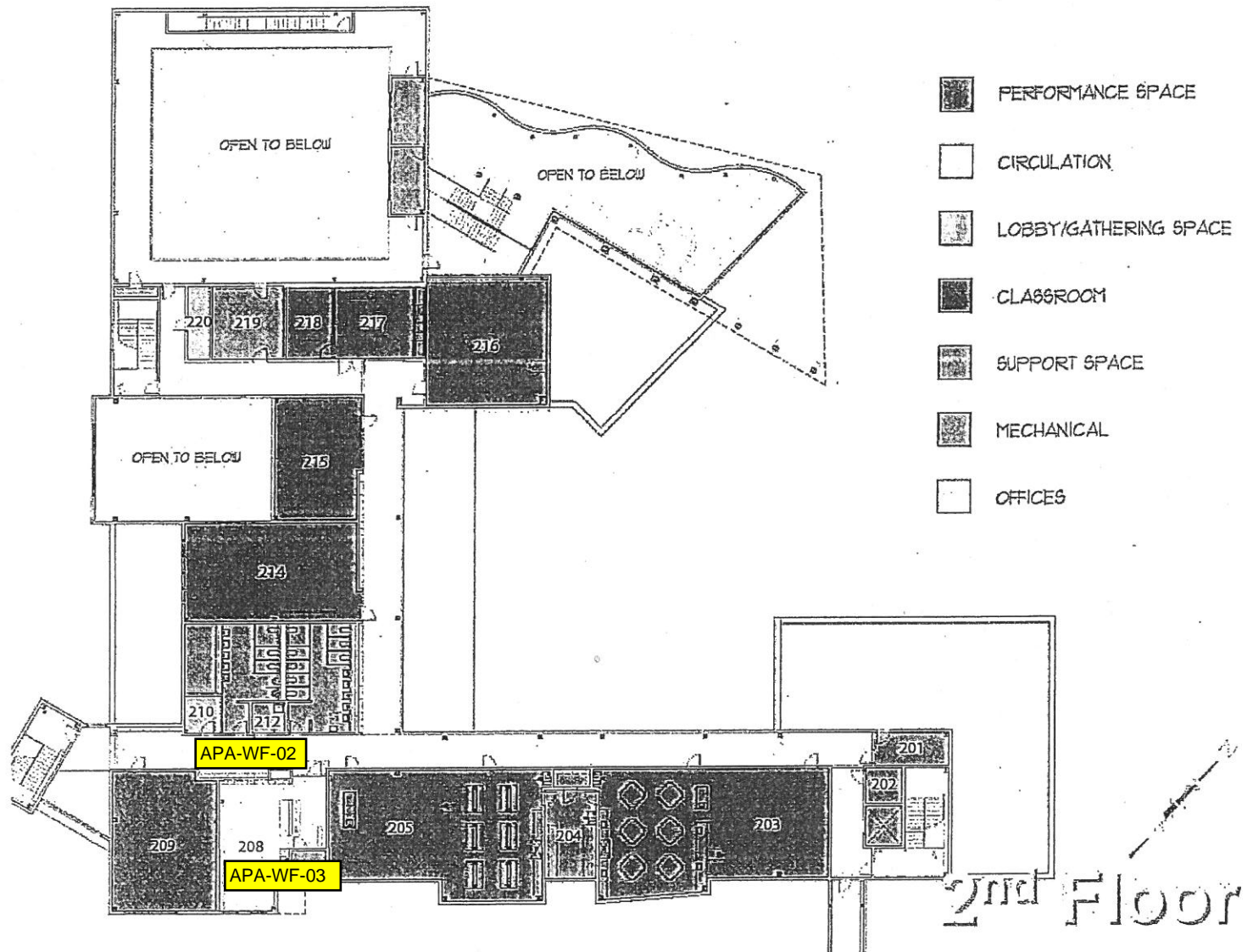
APPENDIX C: SAMPLE LOCATION DIAGRAM

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



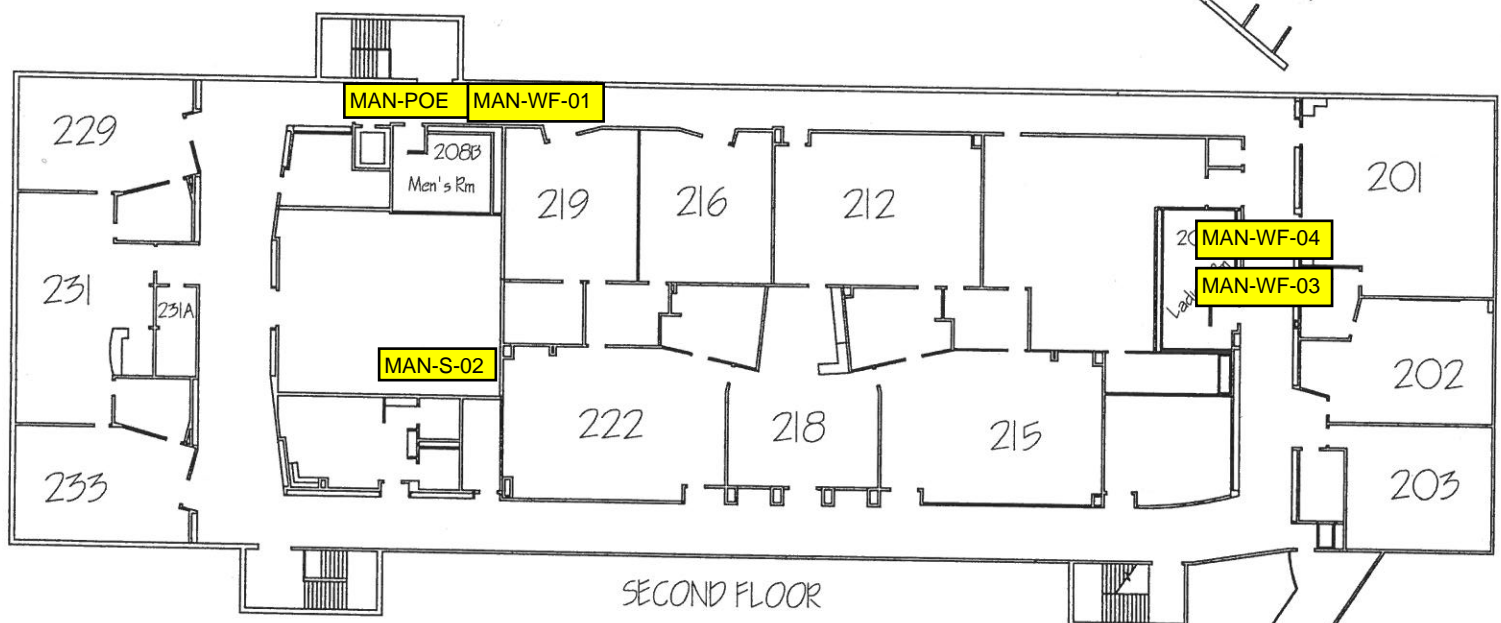
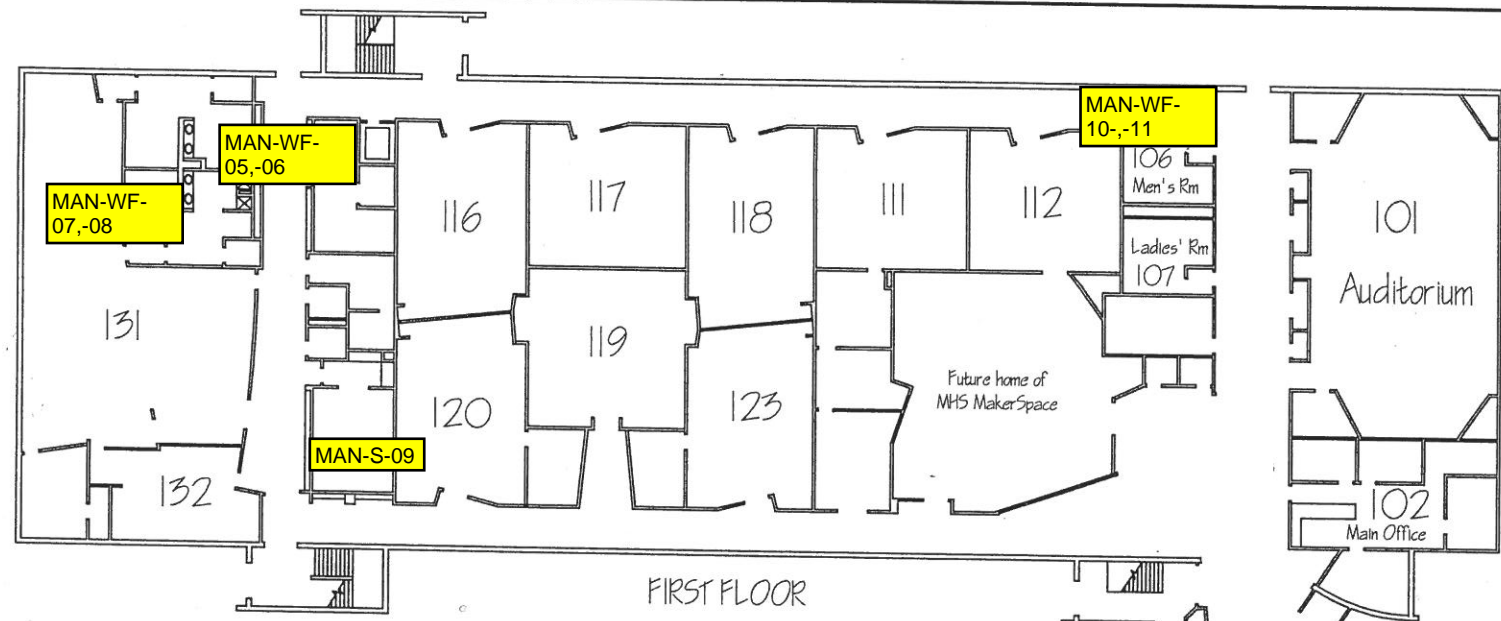
1st Floor

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

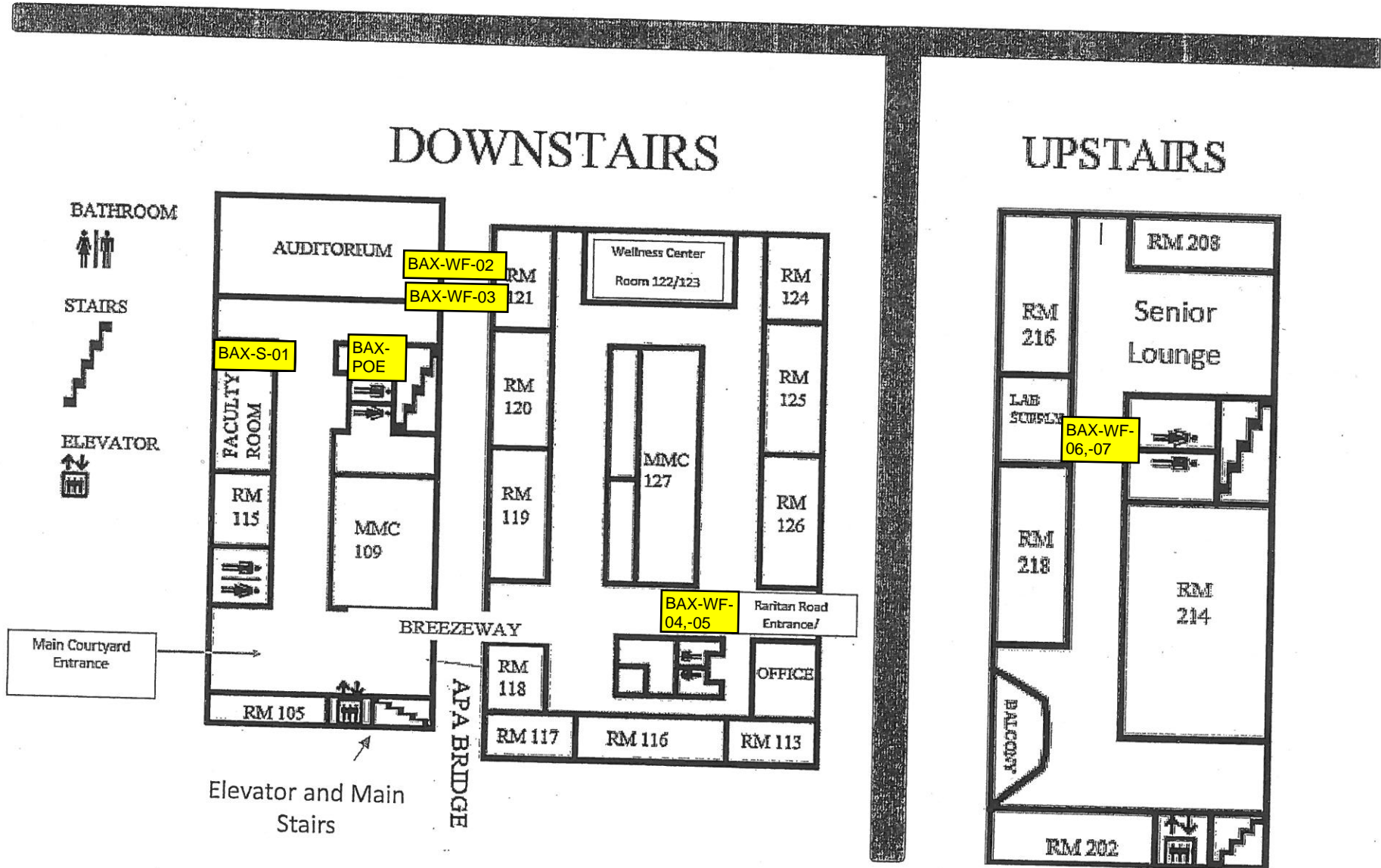


Union County Vocational Technical Schools - 1776 Raritan Road, Scotch Plains, NJ
Mancuso Hall/Magnet High School - Floor 1 & 2

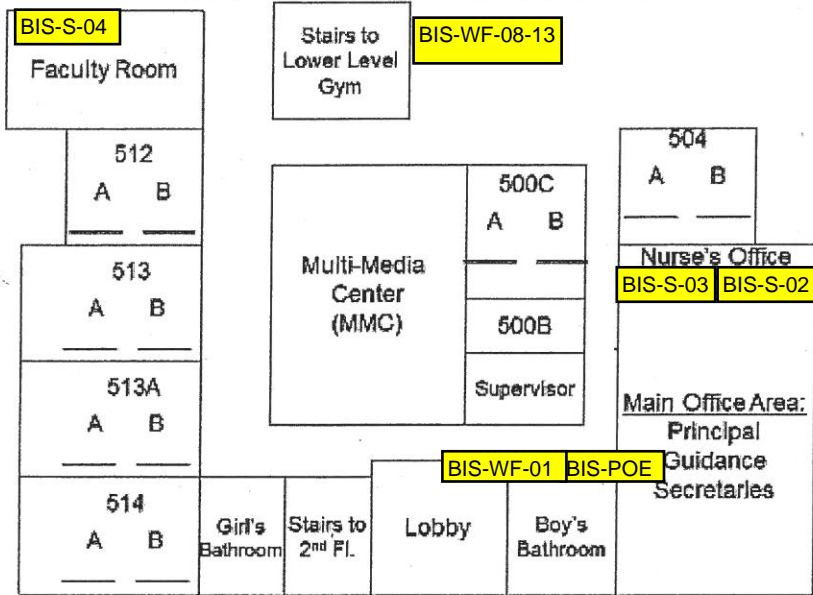
UNION COUNTY MAGNET HIGH SCHOOL



AAHS Baxel Hall Map

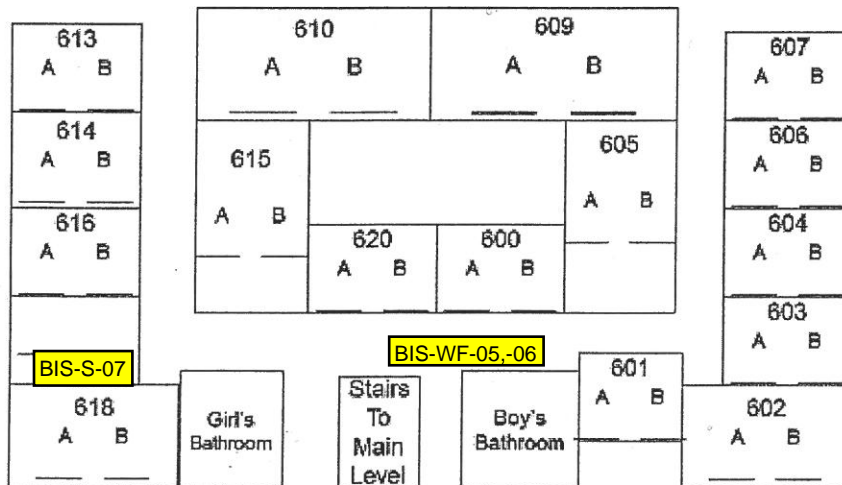


Bistocchi Hall - Main Level



FRONT

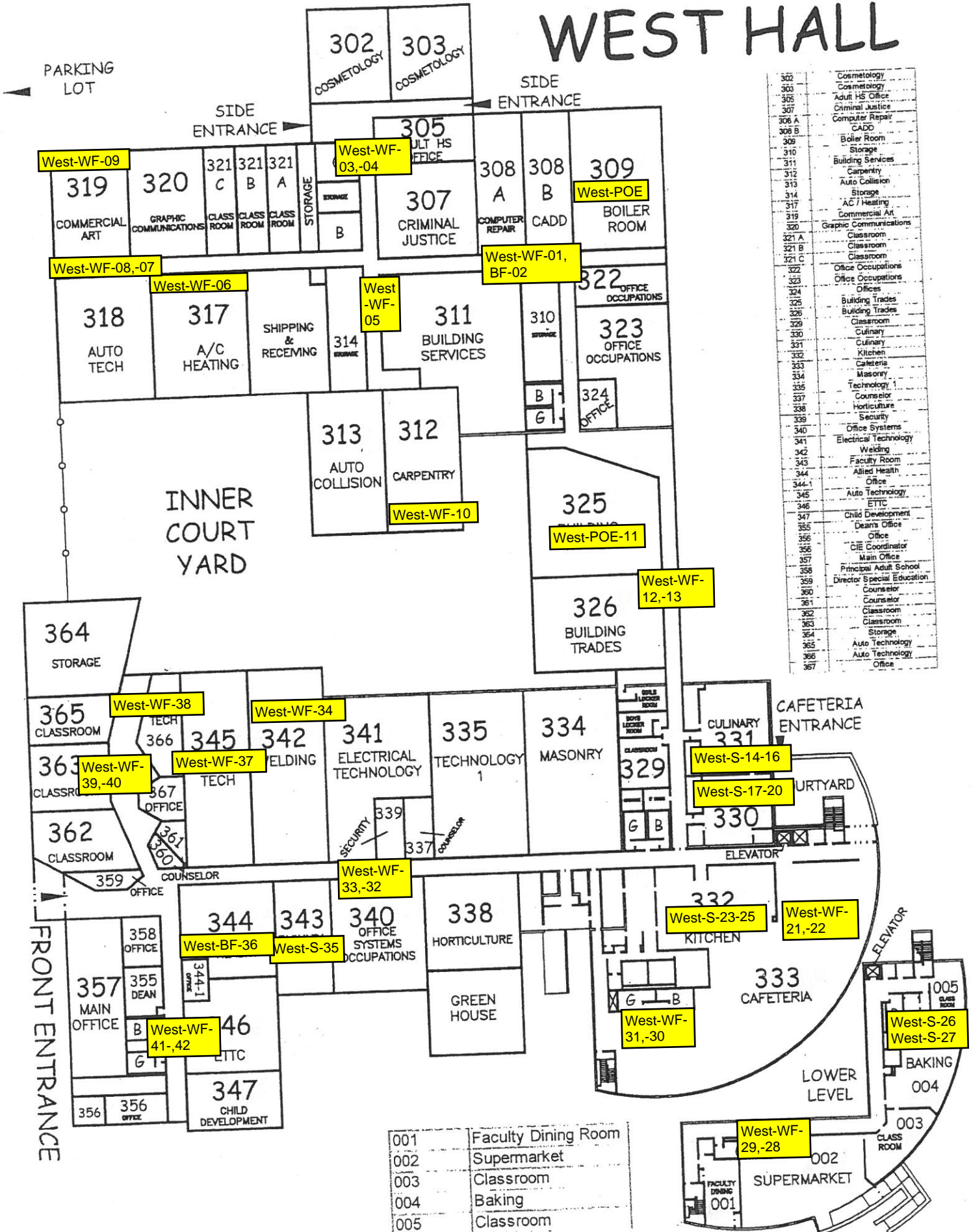
Bistocchi Hall - Second Floor



FRONT

Union County Vocational Technical Schools-1776 Raritan Road, Scotch Plains, NJ
West Hall

WEST HALL



302	Cosmetology
303	Cosmetology
305	Adult HS Office
307	Criminal Justice
308 A	Computer Repair
308 B	CADD
309	Boiler Room
310	Storage
311	Building Services
312	Carpentry
313	Auto Collision
314	Storage
317	AC7 Heating
319	Commercial Art
320	Graphic Communications
321 A	Classroom
321 B	Classroom
321 C	Classroom
322	Office Occupations
323	Office Occupations
324	Offices
325	Building Trades
326	Building Trades
329	Classroom
330	Culinary
331	Culinary
332	Kitchen
333	Cafeteria
334	Masonry
335	Technology
337	Counselor
338	Horticulture
339	Security
340	Office Systems
341	Electrical Technology
342	Welding
343	Faculty Room
344	Allied Health
344-1	Office
345	Auto Technology
346	EITC
347	Child Development
355	Deans Office
356	Office
356	CIE Coordinator
357	Main Office
358	Principal Adult School
359	Director Special Education
360	Counselor
361	Counselor
362	Classroom
363	Classroom
364	Storage
365	Auto Technology
366	Auto Technology
367	Office

001	Faculty Dining Room
002	Supermarket
003	Classroom
004	Baking
005	Classroom

