PARTNER
Engineering and Science, Inc.

More Than Just Assessments.
Solutions.



DRINKING WATER SAMPLING REPORT

Union County Educational Services Commission

45 Cardinal Drive
1571 Lamberts Mill Road
2630 Plainfield Avenue
971 Suburban Road
Westfield, New Jersey 07090

Report Date

September 20, 2024

Partner Project No.

24-456874.1

Prepared for:

Union County Educational Services Comission
45 Cardinal Drive
Westfield, New Jersey 07090

PARTNER

September 20, 2024

Eric Larson
Union County Educational Services Commission
45 Cardinal Drive
Westfield, New Jersey, 07090

Subject: Drinking Water SamplingReport
Union County Educational Services Comission
Various Locations
Westfield, NJ, 07090
Partner Project No. 24-4560874.1

Dear Eric Larson,

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 Educational Services Comission. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (908) 497-8904.

Sincerely,

Partner Engineering and Science, Inc.

Dan Bracey, CIH, CSP, CHMM
Technical Director
Industrial Hygiene & Health and Safety Services

EXECUTIVE SUMMARY

Partner presents our report for this Drinking Water Sampling Report of Union County Educational Services Commission located at 45 Cardinal Drive, 1571 Lamberts Mill Road, 2630 Plainfield Avenue, and 971 Suburban Road on August 17th. 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 Piscattaway, 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 exceed the USEPA Action Level of 15 ppb for lead at Holy Spirit School. Specifically, water from the following outlets had exceedances:

Table 1: USEPA Action Level Exceedances

Sample Name	Location	Results (ppb)
HS-WF-08	**Holy Spirit Room 109**	**169**
HS-WF-08-F	Holy Spirit Room 109	12.2
HS-WF-13	**Holy Spirit Room 101**	**33.8**
HS-WF-13-F	Holy Spirit Room 101	4.26
HS-S-10	**Holy Spirit Room 104**	**18.8**
HS-S-10-F	Holy Spirit Room 104	ND

ppb = parts per billion
ND= Not detected. Lead levels not detectred at the reporting limit (1 ppb)
***BOLD** = Exceedeances above USEPA Action Level of 15 ppb*

Based on the above referenced sample analytical results, Partner recommends the following actions:

- The sink outlet exceeding the USEPA Action Level should be labelled as "Do Not Drink – Safe for Handwashing Only".

- A flushing program can be implemented at the point of entry outlet, with either manual or automatic flushing.
- Remove drinking water outlets of concern from service.
- Conduct an investigation into the drinking water outlet of concern and replace any potential lead-leaching fixtures or equipment, such as fixtures and associated piping, that may be contributing to dissolved lead in drinking water.

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 5
5.0 SIGNATURES OF PROFESSIONALS 6

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

Appendices

Appendix A: Table 2 – 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:	45 Cardinal Drive 1571 Lamberts Mill Road 2630 Plainfield Avenue 971 Suburban Road, Westfield
Nature of Use:	Schools
Walk-Through Inspector:	Gianna Sandull
Walk-Through Date:	August 12, 2024
Sampling Conducted By:	Gianna Sandull Juan Jimenez
Sampling Date :	August 17, 2024

1.2 Purpose and Scope

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

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

2.0 METHODOLOGY

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

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

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

3.0 ANALYTICAL RESULTS / CONCLUSIONS AND RECOMMENDATIONS

During the course of this site visit, Partner collected water samples at 110 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 Educational Servies and the site guide.

Partner attempted to collect samples from the following outlets; however, based upon the condition of the outlet and recommendations from the site guide, a sample could not be collected at the following locations: **HS-IM-01, HS-S-21**

A total of 220 drinking water samples were collected from Holy Spirit School, Crossrooads School, Hillcrest Academy North, and Hillcrest Academy South, West Lake, Lamerts Mill Academy on August 17, 2024 A total of 113 samples were analyzed. Table 1 lists the samples that exceeded the USEPA Action Level. The analytical results for all samples collected are listed in **Table 2** in **Appendix A**. Sample locations are depicted on the diagram included in **Appendix C.**

Table 1: USEPA Action Level Exceedances		
Sample Name	**Location**	**Results (ppb)**
HS-WF-08	**Holy Spirit Room 109**	**169**
HS-WF-08F	Holy Spirit Room 109	12.2
HS-WF-13	**Holy Spirit Room 101**	**33.8**
HS-WF-13F	Holy Spirit Room 101	4.26
HS-S-10	**Holy Spirit Room 104**	**18.8**
HS-S-10F	Holy Spirit Room 104	ND

ND= Not detected. Lead levels not detectred at the reporting limit (1 ppb)
1 ppb = 1 ug/L
***BOLD** = Exceedeances above USEPA Action Level of 15 ppb*

3.1 Conclusions and Recommendations

Based on the observations onsite, the noted limitations and the analytical results, Partner has the following recommendations:

- The sink outlet exceeding the USEPA Action Level should be labelled as "Do Not Drink – Safe for Handwashing Only".
- A flushing program can be implemented at the point of entry outlet, with either manual or automatic flushing.
- Remove drinking water outlets of concern from service.
- Conduct an investigation into the drinking water outlet of concern and replace any potential lead-leaching fixtures or equipment, such as fixtures and associated piping, that may be contributing to dissolved lead in drinking water.
- Additional control technologies may be utilized to reduce lead content in drinking water, including, but not limited to onsite water treatment and filtration. All response actions should be conducted in according with industry, local, state and federal guidelines and/or requirements

In the event the remedial action involves replacing the fixture/associated piping or installing a new fixture, Union County Educational Services Comission should conduct sampling for lead in drinking water to ensure lead levels are below the action level prior to opening up the fixture for use. Additionally, sampling of all drinking water outlets must be conducted every third school year beginning with the 2021-2022 school year.

Flushing involves opening suspect taps every morning before the facility opens and letting the water run to remove water that has been standing in the interior pipes and/or the outlets. All flushing should be recorded in a log submitted daily to the head of maintenance/facilities. The faucet should be opened and the water should run for 30 seconds to one minute, or until cold.

A filtration device, or point-of-use (POU) device can be relatively inexpensive ($65 to $250) or expensive (ranging from $250 to $500), their effectiveness varies, and they may be vulnerable to vandalism. They also require a maintenance program for regular upkeep to ensure effectiveness. Cartridge filter units need to be replaced periodically to remain effective. NSF International, an independent, third-party certification organization, has a testing program to evaluate the performance of POU devices for lead removal (NSF Standard 53). Before purchasing any device, ask the manufacturer for proof of NSF approval and the Performance Data Sheet, or check by visiting the NSF Web site at:
http://www.nsf.org/business/search_listings/index/asp

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 of Union County Educational Services Commission locations 45 Cardinal Drive, 1571 Lamberts Mill Road, 2630 Plainfield Avenue, and 971 Suburban Road in Winfield, New Jersey 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.



Gianna Sandull
Industrial Hygienist

Reviewed by:



Daniel Bracey, CIH, CSP, CHMM
Techinical Director

APPENDIX A: TABLE 2 – ANALYTICAL RESULTS TABLE

Table 2: Analytical Results		
Sample Name	**Location**	**Results (ppb)**
Holy Spirit School		
HS-WC-01	Near Entrance	ND
HS-CM-02	Kitchen	1.55
HS-WC-03	Faculty Lounge	ND
HS-S-04	Ladies BR	2.33
HS-S-06	Rm 112	1.65
HS-S-07	Rm 109	1.49
HS-WF-08	**Room 109**	**169**
HS-WF-08F	Room 109	12.2
HS-S-09	Nurse	1.09
HS-S-12	Rm 101	8.04
HS-WF-13	**Rm 101**	**33.8**
HS-WF-13F	Rm 101	4.26
HS-S-10	**Rm 104**	**18.8**
HS-S-10F	Rm 104	ND
HS-S-14	Mens BR	3.23
HS-S-15	Mens BR	1.18
HS-S-16	Mens BR	1.83
HS-S-17	Ladies BR	5.44
HS-S-18	Ladies BR	2.57
HS-S-19	Ladies BR	13.5
HS-S-20	Rm 209	6.90
HS-S-22	Mens BR	4.99
HS-S-23	Mens BR	3.71
HS-S-24	Mens BR	3.15
Crossroads School		
CR-WC-02	Near Entrance	ND
CR-WC-01	Kitchen	ND
CR-S-3	Faculty Lounge	ND
CR-S-4	Ladies BR	ND
CR-S-5	Ladies BR	ND
CR-WC-6	Rm 112	ND
CR-S-7	Rm 109	ND
CR-S-8	Rm 109	ND
CR-S-9	Nurse	ND

Table 2: Analytical Results		
Sample Name	**Location**	**Results (ppb)**
CR-S-10	Rm 101	ND
CR-S-11	Rm 101	ND
CR-S-12	Rm 104	ND
CR-S-13	Mens BR	ND
CR-S-14	Mens BR	ND
CR-S-15	Mens BR	1.59
CR-S-16	Rm 103	ND
CR-WF-17	Rm 103	5.09
CR-S-18	Rm 102	ND
CR-S-19	Rm 102 BR	ND
CR-S-20	Rm 101	ND
CR-WF-21	Rm 101	ND
CR-S-22	Rm 114 Nurse	ND
CR-S-23	Mens BR	ND
CR-S-24	Womens BR	ND
CR-S-25	2nd Floor Rm 219	1.82
CR-WC-26	Kitchen	ND
CR-S-27	Kitchen	ND
CR-S-28	Kitchen BR	ND
CR-WC-29	Board Rm	ND
CR-S-30	Board Rm	ND
Hillcrest Academy North		
HN-WC-01	Next to Ladies BR	ND
HN-WC-02	Next to Mens BR	ND
HN-WC-03	Near Entrance	ND
HN-WC-04	Staff Lounge	ND
HN-S-4	Nurse	2.40
Lamber Mill Academy		
LM-BF-2	Across CR 16	ND
LM-WF-3	Across CR 16	ND
LM-WF-4	Across CR 16	ND
LM- S-5	Rm 16	1.26
LM-S-01	Rm 15	1.50
LM-WC-7	Confernce Rm	ND
LM-S-8	Nurse	ND

Table 2: Analytical Results		
Sample Name	**Location**	**Results (ppb)**
LM-S-9	Nurse	8.91
LM-WC-10	Rm 13 Faculty	ND
LM-S-11	Rm 13 Faculty	ND
LM-S-12	Life Skills	ND
LM-S- 13	Life Skills	3.26
Westlake School		
WL-S-14	CR 57	1.02
WL-S-EX	CR 57	ND
WL-WC-15	Rm 56	ND
WL-S-16	Rm 56	ND
WL-WF-19	Cafeteria	ND
WL-BF-20	Cafeteria	ND
WL-WF-21	Cafeteria	ND
WL-S-21	Kichen	2.05
WL-S-22	Kitchen	1.33
WL-S-23	Kitchen	1.33
WL-S-24	Kitchen	7.41
WL-S-26	Cafe	3.41
WL-S-27	Rm 63	ND
WL-WC-WR	Workout Rm	ND
Hillcrest Academy South		
HS-BF-28	Across Rm 51	ND
HS-WF-29	Across Rm 51	ND
HS-WF-30	Across Rm 51	ND
Westlake School		
WL-S-31	Rm 76	3.88
WL-S-32	Rm 75 Art	2.23
WL-S-33	PT Room 73	2.45
WL-S-34	CR 84	ND
WL-S-35	CR 83	2.32
WL-S-36	Nurse	ND
WL-S-37	Nurse	ND
WL-S-38	Rm 82	2.94
WL-S-39	Rm 81	5.34
WL-S-40	Rm 64	2.35

Table 2: Analytical Results		
Sample Name	**Location**	**Results (ppb)**
WL-S-41	Rm 65	ND
WL-S-42	Rm 66	ND
WL-S-43	Rm 67	3.78
Hillcrest Academy South		
HS-WF-44		ND
HS-BF-45	NA	ND
HS-BF-46	NA	ND
HS-S-47	Rm 31	3.93
HS-S-48	Rm 31	6.24
HS-S-49	Rm 33	3.46
HS-S-50	Rm 34	4.24
WL-WC-MO	Main Office	ND
HS-S-52	Phys Ed	1.40
HS-S-53	Nurse	5.58
HS-S-54	CR-43	3.45

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: 012427697
LIMS Reference ID: AC27697
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: 24-456874 - Holy Spirit

Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/20/2024 09:00
Reported: 09/19/2024 15:10

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: HS-S-09/nurse		**Lims Reference ID:**		**AC27697-17**	**Matrix: Drinking Water**				**Sampled: 08/17/24 07:45:00**
Metals									
Lead	**1.09**		1	1.00	µg/L	09/05/24 10:30	09/10/24 19:29	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-12/rm 101		**Lims Reference ID:**		**AC27697-19**	**Matrix: Drinking Water**				**Sampled: 08/17/24 07:47:00**
Metals									
Lead	**8.04**		1	1.00	µg/L	09/05/24 10:30	09/10/24 19:37	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: HS-WF-13/rm 101		**Lims Reference ID:**		**AC27697-21**	**Matrix: Drinking Water**				**Sampled: 08/17/24 07:48:00**
Metals									
Lead	**33.8**		1	1.00	µg/L	09/05/24 10:30	09/10/24 19:39	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: HS-WF-13F/rm 101		**Lims Reference ID:**		**AC27697-22**	**Matrix: Drinking Water**				**Sampled: 08/17/24 07:49:00**
Metals									
Lead	**4.26**		1	1.00	µg/L	09/15/24 15:07	09/16/24 17:12	PL	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-10/rm 104		**Lims Reference ID:**		**AC27697-23**	**Matrix: Drinking Water**				**Sampled: 08/17/24 07:51:00**
Metals									
Lead	**18.8**		1	1.00	µg/L	09/05/24 10:30	09/10/24 19:41	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-10F/rm 104		**Lims Reference ID:**		**AC27697-24**	**Matrix: Drinking Water**				**Sampled: 08/17/24 07:52:00**
Metals									
Lead	**ND**		1	1.00	µg/L	09/15/24 11:39	09/18/24 19:47	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-14/mens BR		**Lims Reference ID:**		**AC27697-25**	**Matrix: Drinking Water**				**Sampled: 08/17/24 07:55:00**
Metals									
Lead	**3.23**		1	1.00	µg/L	09/05/24 10:30	09/10/24 19:43	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-15/mens BR		**Lims Reference ID:**		**AC27697-27**	**Matrix: Drinking Water**				**Sampled: 08/17/24 07:56:00**
Metals									
Lead	**1.18**		1	1.00	µg/L	09/05/24 10:30	09/10/24 19:45	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-16/mens BR		**Lims Reference ID:**		**AC27697-29**	**Matrix: Drinking Water**				**Sampled: 08/17/24 07:57:00**
Metals									
Lead	**1.83**		1	1.00	µg/L	09/05/24 10:30	09/10/24 19:51	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: 012427697
LIMS Reference ID: AC27697
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: 24-456874 - Holy Spirit
Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/20/2024 09:00
Reported: 09/19/2024 15:10

Notes and Definitions

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

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

Owen McKenna Laboratory Manager or other approved signatory

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

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

AC27697

EMSL Analytical, Inc.
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
6	HS-WC-3F	Faculty Lounge	250 mL	8/17 7:21
7	HS-S-4	ladies BR		7:30
8	HS-S-4F	ladies BR		7:30
9	HS-S-5	↓		7:31
10	HS-S-5F	↓		7:32
11	HS-S-6	rm 112		7:35
12	HS-S-6F	rm 112		7:36
13	HS-S-7	rm 109		7:40
14	HS-S-7F	↓		7:40
15	HS-WF-8	↓		7:41
16	HS-WF-8F	↓		7:42
17	HS-S-9	nurse		7:45
18	HS-S-9F	↓		7:45
19	HS-S-12	rm 101		7:47
20	HS-S-12F	↓		7:47
21	HS-WF-13	↓		7:48
22	HS-WF-13F	↓		7:49
23	HS-S-10	rm 104		7:51
24	HS-S-10F	↓		7:52
25	HS-S-14	mens BR		7:55
26	HS-S-14F	↓		7:55
27	HS-S-15	↓		7:56
28	HS-S-15F	↓		7:57
29	HS-S-16	↓		7:57
30	HS-S-16F	↓	↓	↓ 7:58

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.

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

EMSL Order ID: 012427701
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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: 24-456874 - Crossroads
Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/20/2024 09:00
Reported: 09/12/2024 17:46

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: CR-S-10/rm 101		**Lims Reference ID:**		**AC27701-19**	**Matrix: Drinking Water**				**Sampled: 08/17/24 09:40:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:09	09/11/24 21:29	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: CR-S-11/rm 101		**Lims Reference ID:**		**AC27701-21**	**Matrix: Drinking Water**				**Sampled: 08/17/24 09:41:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:09	09/11/24 21:35	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: CR-S-12/rm 104		**Lims Reference ID:**		**AC27701-23**	**Matrix: Drinking Water**				**Sampled: 08/17/24 09:45:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:09	09/11/24 21:41	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: CR-S-13/mens BR		**Lims Reference ID:**		**AC27701-25**	**Matrix: Drinking Water**				**Sampled: 08/17/24 09:46:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:09	09/11/24 21:43	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: CR-S-14/mens BR		**Lims Reference ID:**		**AC27701-27**	**Matrix: Drinking Water**				**Sampled: 08/17/24 09:47:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:09	09/11/24 21:45	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: CR-S-15/mens BR		**Lims Reference ID:**		**AC27701-29**	**Matrix: Drinking Water**				**Sampled: 08/17/24 09:50:00**
Metals									
Lead	**1.59**		1	1.00	µg/L	09/06/24 13:09	09/11/24 21:47	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: 012427701
LIMS Reference ID: AC27701
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: 24-456874 - Crossroads
Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/20/2024 09:00
Reported: 09/12/2024 17:46

Notes and Definitions

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

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

Owen McKenna Laboratory Manager or other approved signatory

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

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

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

Lead Chain of Custody

EMSL Order Number / Lab Use Only: AC27701

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
6	CR-S-3F	Rm 111	250mL	8/17 9:21
7	CR-S-4	Rm 111 BR	↓	9:22
8	CR-S-4F	↓	↓	9:22
9	S-5	Rm 110	↓	9:24
10	S-5F	↓	↓	9:24
11	~~S-6~~ WC-6	Kitchen	↓	9:26
12	WC-6F	Kitchen	↓	9:27
13	S-7	Rm 109	↓	9:30
14	S-7F	↓	↓	9:30
15	S-8	110/BR	↓	9:31
16	S-8F	110/BR	↓	9:32
17	S-9	Rm 108	↓	9:35
18	S-9F	↓	↓	9:35
19	S-10	Rm 107	↓	9:40
20	S-10	↓	↓	9:40
21	S-11	BR	↓	9:41
22	S-11F	↓	↓	9:42
23	S-12	Rm 106	↓	9:45
24	S-12F	↓	↓	9:45
25	S-13	Rm 105	↓	9:46
26	S-13F	↓	↓	9:46
27	S-14	Rm 104	↓	9:47
28	S-14F	↓	↓	9:48
29	S-15	Rm 103 KR	↓	9:50
30	S-15F	↓	↓	9:51

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.

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

EMSL Order ID: 012427687
LIMS Reference ID: AC27687
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: 24-456874

Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/20/2024 09:00
Reported: 09/12/2024 17:45

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: CR-S-25/2nd Floor Rm. 219		**Lims Reference ID:**		**AC27687-19**	**Matrix: Drinking Water**				**Sampled: 08/17/24 10:36:00**
Metals									
Lead	**1.82**		1	1.00	µg/L	09/06/24 13:01	09/11/24 22:32	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: CR-WC-26/Kitchen		**Lims Reference ID:**		**AC27687-21**	**Matrix: Drinking Water**				**Sampled: 08/17/24 10:49:00**
Metals									
Lead	**ND**		1	1.00	µg/L	09/06/24 13:01	09/11/24 22:34	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: CR-S-27/Kitchen		**Lims Reference ID:**		**AC27687-23**	**Matrix: Drinking Water**				**Sampled: 08/17/24 10:50:00**
Metals									
Lead	**ND**		1	1.00	µg/L	09/06/24 13:01	09/11/24 22:35	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: CR-S-28/Kitchen BR		**Lims Reference ID:**		**AC27687-25**	**Matrix: Drinking Water**				**Sampled: 08/17/24 10:52:00**
Metals									
Lead	**ND**		1	1.00	µg/L	09/06/24 13:01	09/11/24 22:37	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: CR-WC-29/Board Rm 222		**Lims Reference ID:**		**AC27687-27**	**Matrix: Drinking Water**				**Sampled: 08/17/24 10:55:00**
Metals									
Lead	**ND**		1	1.00	µg/L	09/06/24 13:01	09/11/24 22:39	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: CR-S-30/Board Rm 222		**Lims Reference ID:**		**AC27687-29**	**Matrix: Drinking Water**				**Sampled: 08/17/24 10:56:00**
Metals									
Lead	**ND**		1	1.00	µg/L	09/06/24 13:01	09/11/24 22:45	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-17/ladies BR		**Lims Reference ID:**		**AC27687-31**	**Matrix: Drinking Water**				**Sampled: 08/17/24 08:10:00**
Metals									
Lead	**5.44**		1	1.00	µg/L	09/06/24 13:01	09/11/24 22:47	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-18/ladies BR		**Lims Reference ID:**		**AC27687-33**	**Matrix: Drinking Water**				**Sampled: 08/17/24 08:11:00**
Metals									
Lead	**2.57**		1	1.00	µg/L	09/06/24 13:01	09/11/24 22:53	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-19/ladies BR		**Lims Reference ID:**		**AC27687-35**	**Matrix: Drinking Water**				**Sampled: 08/17/24 08:13:00**
Metals									
Lead	**13.5**		1	1.00	µg/L	09/06/24 13:01	09/11/24 22:55	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: 012427687
LIMS Reference ID: AC27687
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: 24-456874
Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/20/2024 09:00
Reported: 09/12/2024 17:45

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	06/30/2024
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2024
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/2024
California ELAP	California Water Boards	1877	06/30/2024
AIHA LAP	EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited	100194	01/01/2025
A2LA	A2LA Environmental Certificate	2845.01	07/31/2024

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.
LABORATORY • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

AC27687

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

Customer Information		Billing 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	City, State, Zip:	Eatontown NJ 07724
Country:	US	Country:	US
Phone:	7323801700	Phone:	7323801700
Email(s) for Report:	arosaperez@partneresi.com	Email(s) for Invoice:	

Project Information

Project Name/No.: ~~14-33000~~ 24-456874 | 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 Sindili | Sampled By Signature: | No. of Samples in Shipment: 220

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 ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☐
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☑ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☑
Other:				☐

	Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1	CR-S-16	Rm 103	250 mL	8/17 9:59
2	D-16F			10:00
3	WF-17			10:01
4	WF-17F			10:02
5	S-18	Rm 102		10:05

Method of Shipment: | Sample Condition Upon Receipt:

Relinquished by:	Date/Time:	Received by: Colleen Palladino	Date/Time 8/20/24 9PM
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.
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Lead Chain of Custody

EMSL Order Number / Lab Use Only

AC27687

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

Customer Information		Billing 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	City, State, Zip:	Eatontown NJ 07724
Country:	US	Country:	US
Phone:	7323801700	Phone:	7323801700
Email(s) for Report:	arosaperez@partneresi.com	Email(s) for Invoice:	

Project Information

Project Name/No: ~~24-431280~~ 24-456874

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:

Sampled By Signature:

No. of Samples in Shipment: 220

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 ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☐
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☑ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☑
Other:				☐

	Sample Number	Sample Location	Volume / Area	Date / Time Sampled
31	HS-S-17	Inside BR	250 mL	8/17 8:10
32	HS-S-17F	↓	↓	8:10
33	HS-S-18			8:11
34	HS-S-18F			8:12
35	HS-S-19	↓	↓	↓ 8:13

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

Corrected 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.)

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EMSL Analytical, Inc.

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

EMSL Order ID: 012427681
LIMS Reference ID: AC27681
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: 24-456874-Hillcrestt North
Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/20/2024 09:00
Reported: 09/12/2024 15:13

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	06/30/2024
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2024
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/2024
California ELAP	California Water Boards	1877	06/30/2024
AIHA LAP	EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited	100194	01/01/2025
A2LA	A2LA Environmental Certificate	2845.01	07/31/2024

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.

Lead Chain of Custody

EMSL Order Number / Lab Use Only: 12-AC27681

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

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

Customer Information		Billing 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	City, State, Zip:	Eatontown NJ 07724
Country:	US	Country:	US
Phone:	7323801700	Phone:	7323801700
Email(s) for Report:	arosaperez@partneresi.com	Email(s) for Invoice:	

Project Information

Project Name/No: ~~24-481380~~ 24-456874 - Hillcrest North

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: Brianna Sandwill

Sampled By Signature:

No. of Samples in Shipment: 220

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 ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☐
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☑
Other:				☐

	Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1	HN-WC-01	next to ladies BR	250 mL	8/17 12:00
2	HN-WC-01F	↓	↓	2:01
3	HN-WC-02	next to mens BR	↓	12:03
4	HN-WC-02F	↓	↓	12:04
5	HN-WC-03	near entrance	↓	12:06

Method of Shipment:

Sample Condition Upon Receipt:

Relinquished by:	Date/Time:	Received by:	Date/Time
	12:17	Maya Saliga	08/19/24 12:20pm
		Daniel Stanley Emily Kennelly 8/20/24 9am	8-19-24 8:15pm

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.)

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Reid Pres.

EMSL Analytical, Inc.

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

EMSL Order ID: 012427705
LIMS Reference ID: AC27705
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: 24-456875 - Hillcrest South
Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/20/2024 09:00
Reported: 09/13/2024 11:53

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: LM-S-11/Rm 13 faculty lounge		**Lims Reference ID:**		**AC27705-19**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:01	09/11/24 23:45	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: LM-S-12/60 life skils		**Lims Reference ID:**		**AC27705-21**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:01	09/11/24 23:47	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: LM-S-13/60 life skils		**Lims Reference ID:**		**AC27705-23**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	3.26		1	1.00	µg/L	09/06/24 13:01	09/11/24 23:56	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-WF-19/Cafeteria		**Lims Reference ID:**		**AC27705-25**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:01	09/11/24 23:58	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-BF-20/Cafeteria		**Lims Reference ID:**		**AC27705-27**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:01	09/12/24 00:00	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-WF-21/Cafeteria		**Lims Reference ID:**		**AC27705-29**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:01	09/12/24 00:02	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-S-21/Kitchen		**Lims Reference ID:**		**AC27705-31**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	2.05		1	1.00	µg/L	09/06/24 13:01	09/12/24 00:04	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-S-22/Kitchen		**Lims Reference ID:**		**AC27705-33**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	1.33		1	1.00	µg/L	09/06/24 13:01	09/12/24 00:06	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-S-23/Kitchen		**Lims Reference ID:**		**AC27705-35**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	1.33		1	1.00	µg/L	09/06/24 13:01	09/12/24 00:08	LXK	EPA 200.8 (DA)/EPA 200.8

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LIMS Reference ID: AC27705
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arosaperez@partnersi.com

Project Name: 24-456875 - Hillcrest South

Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/20/2024 09:00
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Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: HS-WF-29/Across Rm 51 Office			**Lims Reference ID:**	**AC27705-55**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:04	09/12/24 00:44	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: HS-WF-30/Across Rm 51 Office			**Lims Reference ID:**	**AC27705-57**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:04	09/12/24 00:46	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-S-31/Rm 76			**Lims Reference ID:**	**AC27705-59**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	3.88		1	1.00	µg/L	09/06/24 13:04	09/12/24 00:48	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-S-32/Rm 75 Art			**Lims Reference ID:**	**AC27705-61**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	2.23		1	1.00	µg/L	09/06/24 13:04	09/12/24 00:50	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-S-33/BT/PT Rm 73			**Lims Reference ID:**	**AC27705-63**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	2.45		1	1.00	µg/L	09/06/24 13:04	09/12/24 00:56	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-S-34/CR 84			**Lims Reference ID:**	**AC27705-65**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:04	09/12/24 00:58	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-S-35/Rm 83			**Lims Reference ID:**	**AC27705-67**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	2.32		1	1.00	µg/L	09/06/24 13:04	09/12/24 01:03	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-S-36/nurse			**Lims Reference ID:**	**AC27705-69**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:04	09/12/24 01:05	LXK	EPA 200.8 (DA)/EPA 200.8
Sample: WL-S-37/nurse			**Lims Reference ID:**	**AC27705-71**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:04	09/12/24 01:07	LXK	EPA 200.8 (DA)/EPA 200.8

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arosaperez@partnersi.com

Project Name: 24-456875 - Hillcrest South

Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/20/2024 09:00
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Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: HS-S-47/Rm 31		**Lims Reference ID:**		**AC27705-91**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	3.93		1	1.00	µg/L	09/06/24 13:06	09/12/24 04:08	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-48/Rm 32		**Lims Reference ID:**		**AC27705-93**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	6.24		1	1.00	µg/L	09/06/24 13:06	09/12/24 04:10	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-49/Rm 33		**Lims Reference ID:**		**AC27705-95**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	3.46		1	1.00	µg/L	09/06/24 13:06	09/12/24 04:13	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-50/Rm 34		**Lims Reference ID:**		**AC27705-97**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	4.24		1	1.00	µg/L	09/06/24 13:06	09/12/24 04:15	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: W-WC-MO/main office		**Lims Reference ID:**		**AC27705-99**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	ND		1	1.00	µg/L	09/06/24 13:06	09/12/24 04:17	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-52/phys ed		**Lims Reference ID:**		**AC27705-AB**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	1.40		1	1.00	µg/L	09/06/24 13:06	09/12/24 04:20	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-53/nurse		**Lims Reference ID:**		**AC27705-AD**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	5.58		1	1.00	µg/L	09/06/24 13:06	09/12/24 04:26	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: HS-S-54/CR 43		**Lims Reference ID:**		**AC27705-AF**	**Matrix: Drinking Water**				**Sampled: 08/17/24 12:37:00**
Metals									
Lead	3.45		1	1.00	µg/L	09/06/24 13:06	09/12/24 04:29	JW1	EPA 200.8 (DA)/EPA 200.8

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Project Name: 24-456875 - Hillcrest South
Customer PO:
EMSL Sales Rep: Christopher Brandt
Received: 08/20/2024 09:00
Reported: 09/13/2024 11:53

Notes and Definitions

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

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

Owen McKenna Laboratory Manager or other approved signatory

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

EMSL ANALYTICAL, INC.
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Lead Chain of Custody

EMSL Order Number / Lab Use Only

AC27705

EMSL Analytical, Inc.
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
6	LM-WF-4F	Across CR 16	250 mL	8/17 12:37
7	S-5	Rm 16		12:45
8	S-5F	↓		12:45
9	S-11	Rm 15		12:31
10	S-11F	↓		12:32
11	WC-7	Confrence Rm		1:07
12	WC-7F	↓		1:08
13	S-8	nurse		1:10
14	S-8 F	↓		1:10
15	S-9	↓		1:11
16	S-9F	↓		1:11
17	WC-10	Rm 13 faculty lounge		1:22
18	WC-10F	↓		1:23
19	S-11	↓		1:23
20	S-11F	↓		1:24
21	LM-S-12	60 life skills		1:37
22	LM-S-12	↓		1:38
23	LM-S-13	↓		1:40
24	LM-S-13F	↓		1:40
25	WL-WF-19	cafeteria		1:50
26	WL-WF-19F	↓		1:51
27	WL-BF-20	↓		1:52
28	WL-BF20F	↓		1:52
29	WL-WF-21	↓		1:53
30	WL-WF-21F	↓	↓	1:53

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

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	Sample Number	Sample Location	Volume / Area	Date / Time Sampled
36	WL-S-23F	kitchen	250mL	8/17 2:04
37	S-24	↓	↓	2:05
38	S-24F	↓	↓	2:05
39	WL-S-26	cafe	↓	2:12
40	WL-S-26F	↓	↓	2:12
41	WL-S-27	Rm 63	↓	2:16
42	WL-S-27F	Rm 63	↓	2:16
43	WL-WC-WR	68 office workroom	↓	2:28
44	WL-WC-WR	68 office workroom	↓	2:28
45	WL-WC-15	rm 56 faculty	↓	2:26
46	WL-WC-15F	↓	↓	2:26
47	WL-S-16	↓	↓	2:27
48	WL-S-16F	↓	↓	2:28
49	WL-S-14	Classroom 57	↓	2:25
50	WL-S-14F	↓	↓	2:25
51	WL-WC-EX	↓	↓	2:25
52	WL-WC-EX	↓	↓	2:25
53	HS-BF-28	Across Rm 51 office	↓	2:28
54	HS-BF-28F	↓	↓	2:29
55	HS-WF-29	↓	↓	2:29
56	WF-29F	↓	↓	2:30
57	WF-30	↓	↓	2:31
58	WF-30F	↓	↓	2:31
59	WL-S-31	Rm 76	↓	2:40
60	WL-S-31F	↓	↓	2:40

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

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

	Sample Number	Sample Location	Volume / Area	Date / Time Sampled
66	WL-S-34F	Rm. 84	250 mL	8/17 2:47
67	S-35	Rm 83		2:50
68	S-35F	↓		2:50
69	S-36	nurse		2:56
70	S-36F	↓		2:56
71	S-37	↓		2:58
72	S-37F	↓		2:59
73	S-38	Rm 82		3:01
74	S-38F	↓		3:02
75	S-39	Rm 81		3:05
76	S-39F	↓		3:05
77	S-40	Rm 64		3:10
78	S-40F	↓		3:11
79	S-41	Rm 65		3:12
80	S-41F	↓		3:13
81	S-42	Rm 66		3:15
82	S-42F	↓		3:16
83	S-43	Rm 67		3:20
84	S-43F	↓		3:21
85	HS-WF-44			3:30
86	-WF-44F			3:31
87	BF-45			3:32
88	BF-45F			3:33
89	WF-46			3:33
90	WF-46F		↓	3:34

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

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Lead Chain of Custody

EMSL Order Number / Lab Use Only: AC27705

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

	Sample Number	Sample Location	Volume / Area	Date / Time Sampled
96	HS-S-49F	Rm 33	250 mL	8/17 4:11
97	S-50	Rm 34		4:12
98	S-50F	↓		4:12
99	W-WC-MO	main office		4:15
100	W-WC-MOF	↓		4:15
101	HS-S-52	phys ed		4:16
102	HS-S-52F	↓		4:17
103	S-53	nurse		4:20
104	S-53F	↓		4:21
105	S-54	CR §43		4:25
106	S-54	↓		4:25

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

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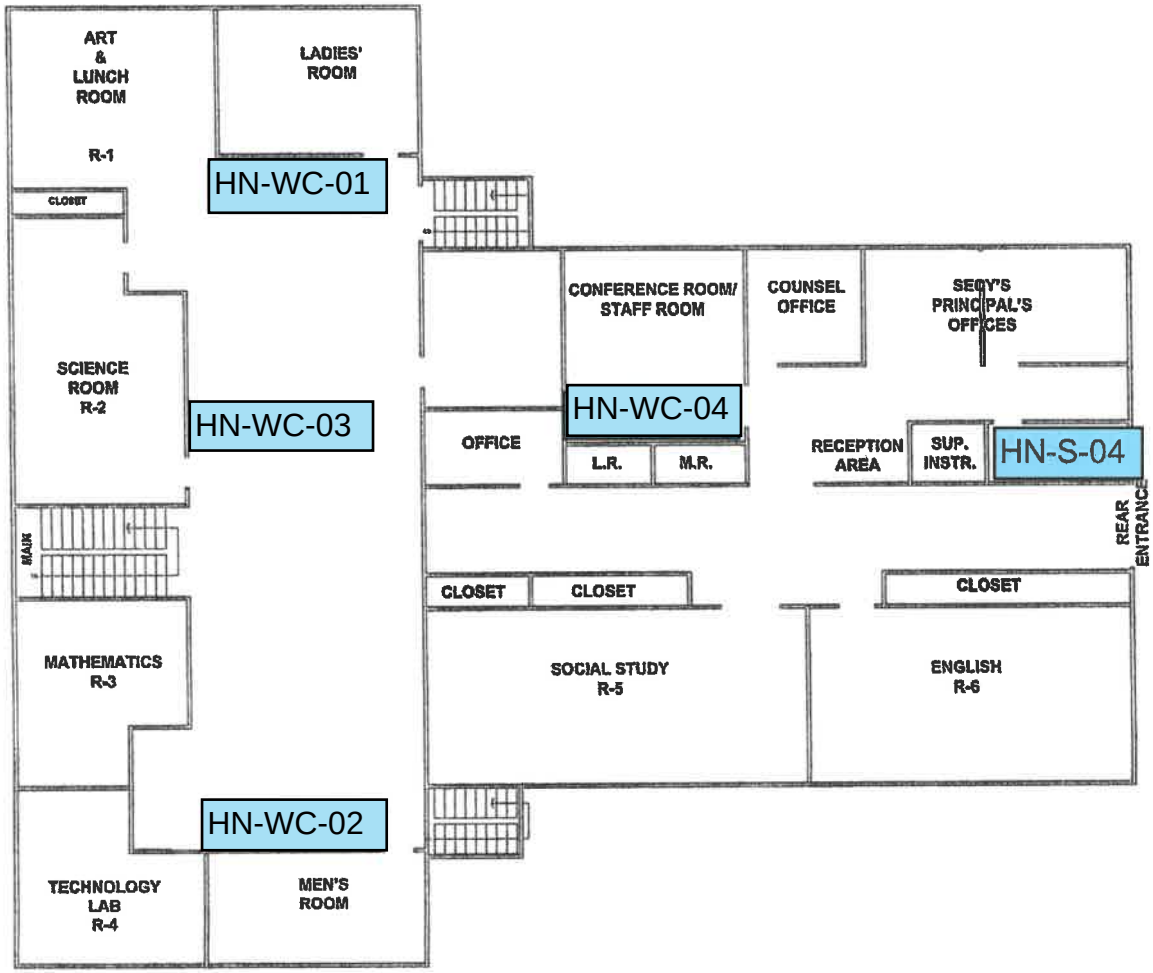
☐ **AGREE TO ELECTRONIC SIGNATURE** (By checking, I consent to signing this Chain of Custody document by electronic signature.)

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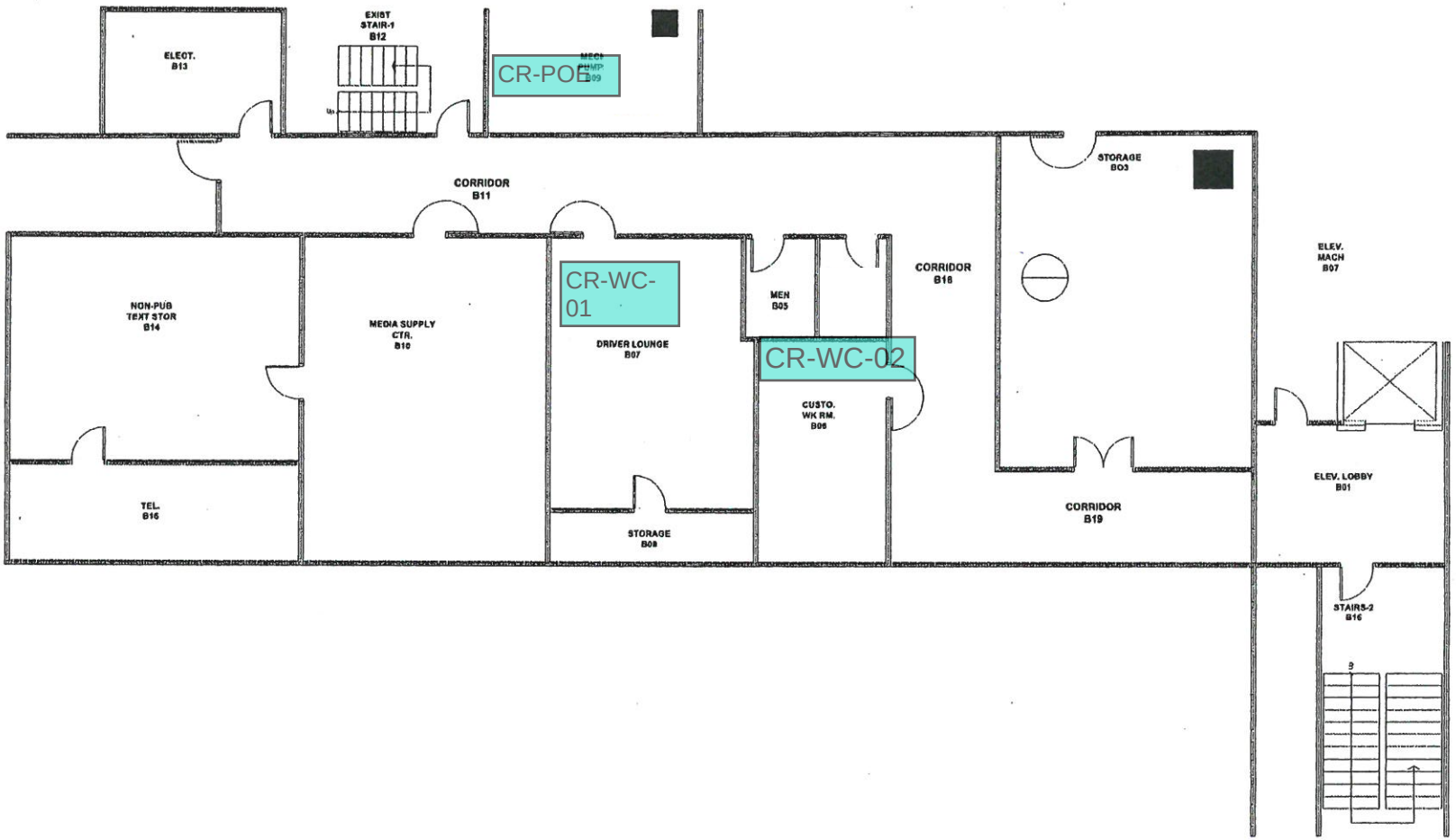
APPENDIX C: SAMPLE LOCATION DIAGRAM

Drinking Water Outlet Locations Union County Educational Services
Hillcrest Academy North
2630 Plainfield Avenue, Scotch Plains, NJ

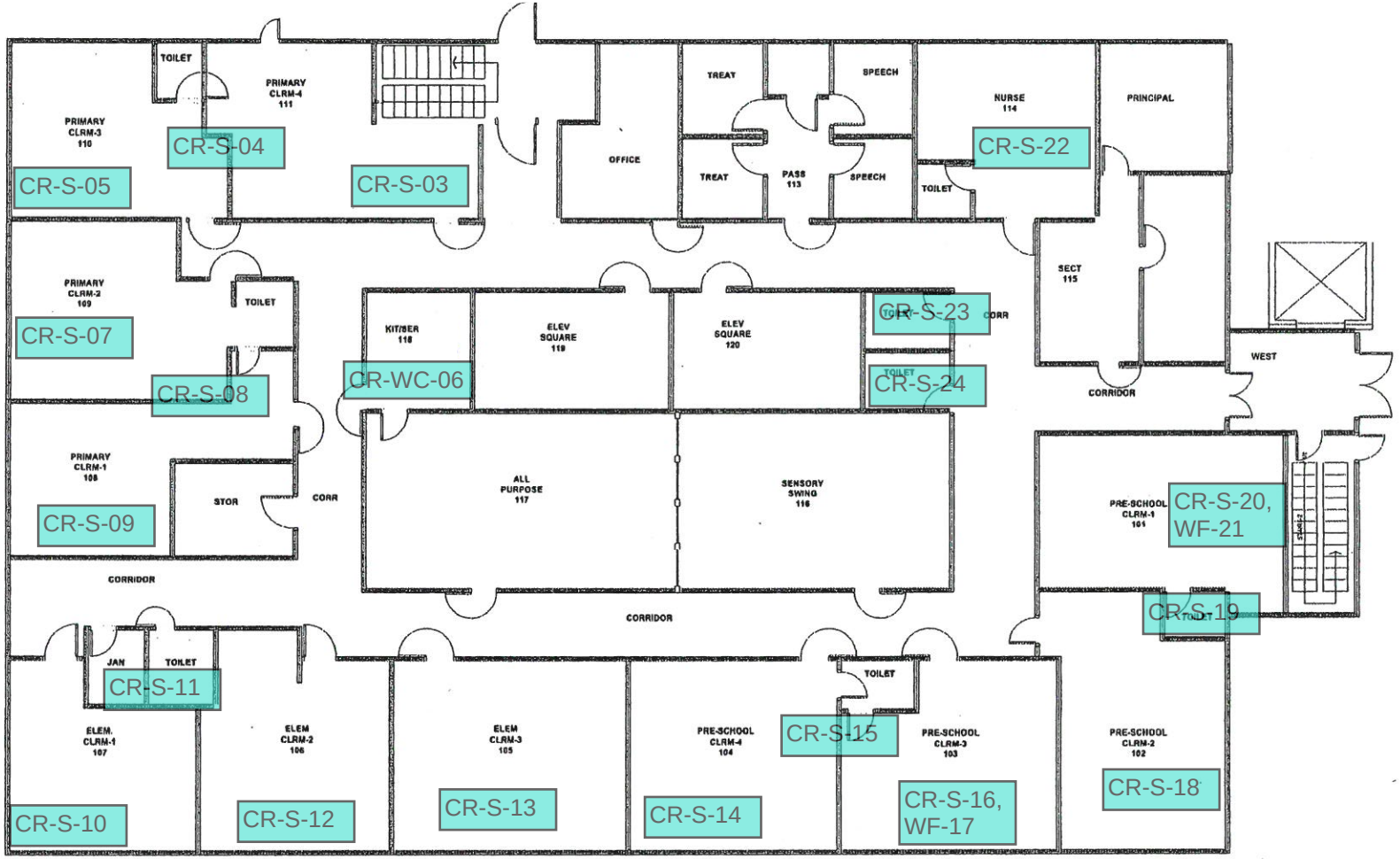
HILLCREST ACADEMY – NORTH
FIRST FLOOR



Drinking Water Outlet Locations
Union County Educational Services
Crossroads School
45 Cardinal Drive, Westfield, NJ

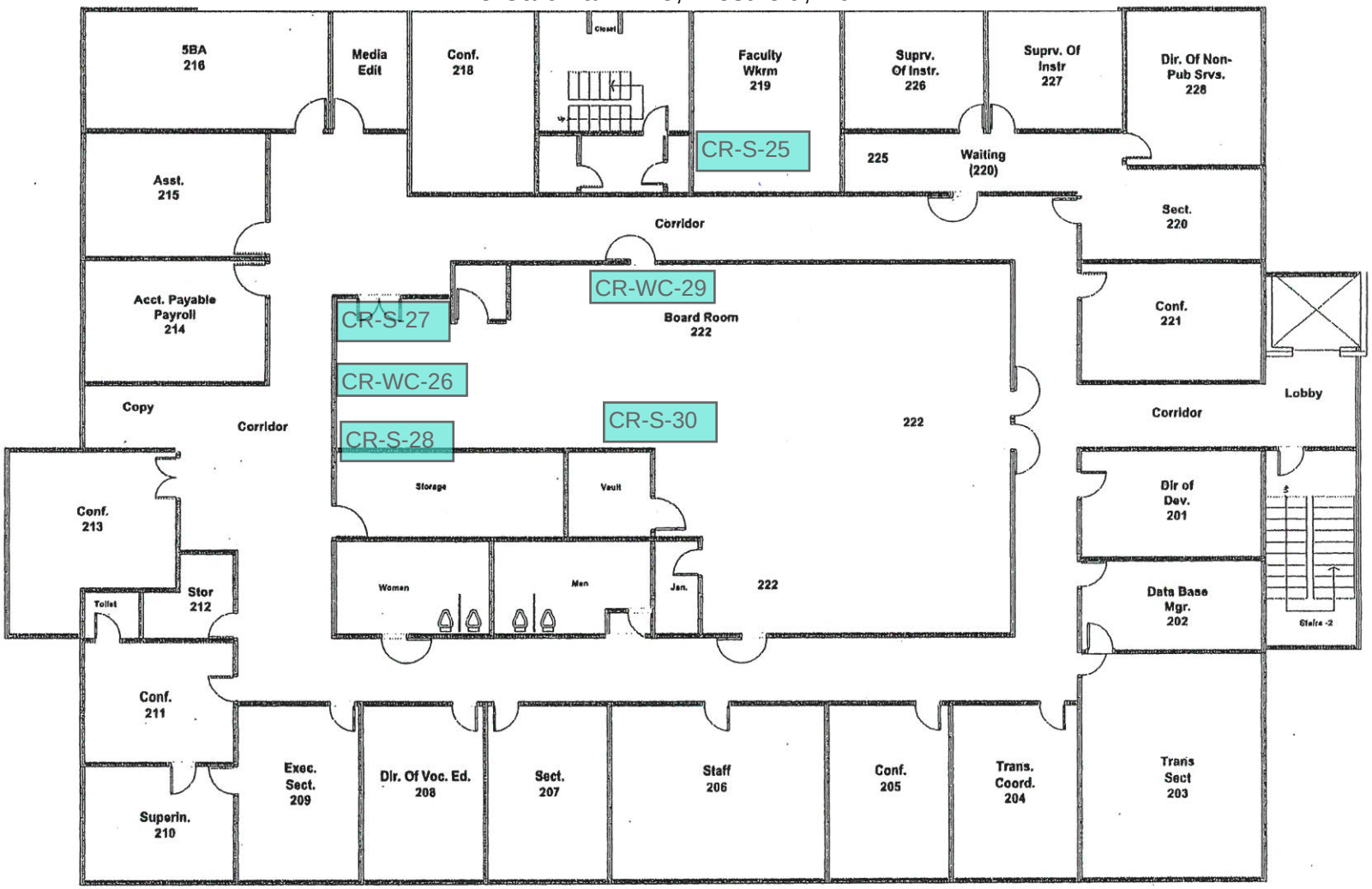


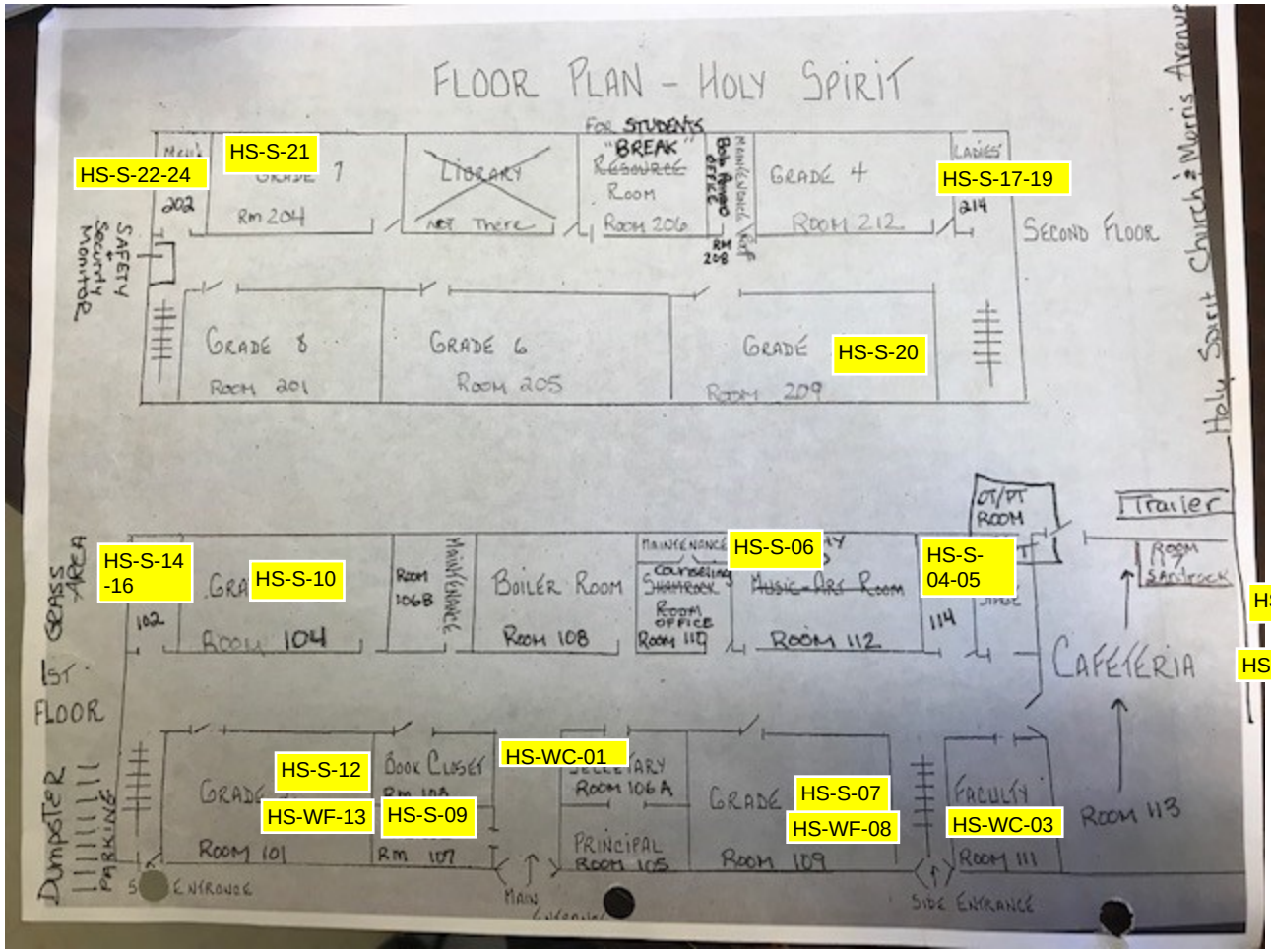
Drinking Water Outlet Locations
Union County Educational Services
Crossroads School
45 Cardinal Drive, Westfield, NJ

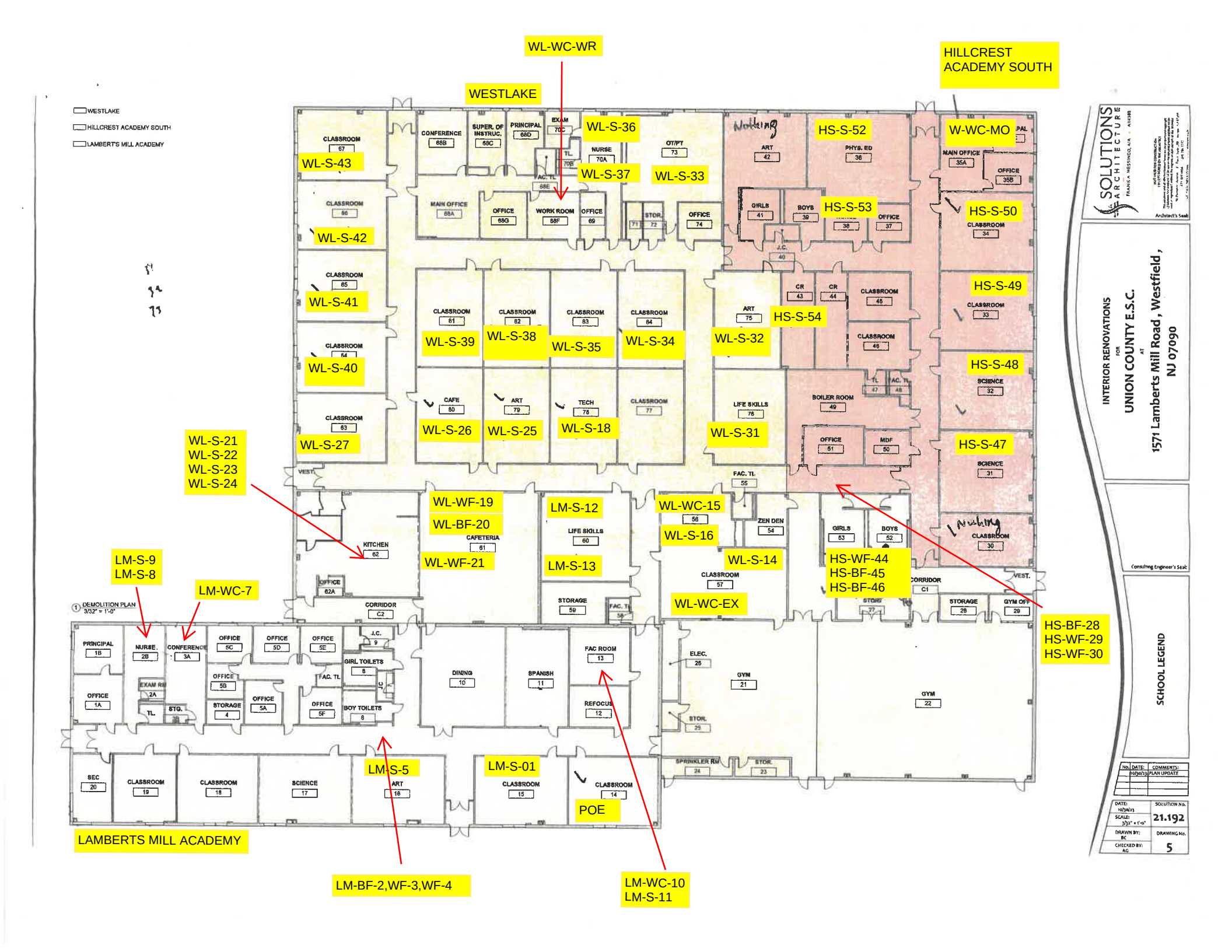


Administrative Floor
Union County Educational Services Commission – 2nd Floor

Drinking Water Outlet Locations
Union County Educational Services
Crossroads School
45 Cardinal Drive, Westfield, NJ




FLOOR PLAN - HOLY SPIRIT
HS-S-22-24
HS-S-21
HS-S-17-19
HS-S-20
HS-S-14 -16
HS-S-10
HS-S-06
HS-S- 04-05
HS-POE
HS-CM-02
HS-S-12
HS-WF-13
HS-S-09
HS-WC-01
HS-S-07
HS-WF-08
HS-WC-03
Kitchen


WL-WC-WR
WESTLAKE
HILLCREST ACADEMY SOUTH
WESTLAKE
HILLCREST ACADEMY SOUTH
LAMBERT'S MILL ACADEMY
WL-S-36
WL-S-43
WL-S-37
WL-S-33
HS-S-52
W-WC-MO
HS-S-53
HS-S-50
WL-S-42
WL-S-41
HS-S-49
HS-S-54
WL-S-32
WL-S-39
WL-S-38
WL-S-35
WL-S-34
HS-S-48
WL-S-40
WL-S-26
WL-S-25
WL-S-18
WL-S-31
HS-S-47
WL-S-27
WL-S-21
WL-S-22
WL-S-23
WL-S-24
WL-WF-19
WL-BF-20
LM-S-12
WL-WC-15
WL-S-16
WL-WF-21
LM-S-13
WL-S-14
HS-WF-44
HS-BF-45
HS-BF-46
LM-S-9
LM-S-8
LM-WC-7
WL-WC-EX
HS-BF-28
HS-WF-29
HS-WF-30
LM-S-5
LM-S-01
POE
LM-BF-2,WF-3,WF-4
LM-WC-10
LM-S-11
LAMBERTS MILL ACADEMY
1 DEMOLITION PLAN
3/32" = 1'-0"
SOLUTIONS ARCHITECTURE
INTERIOR RENOVATIONS
FOR
UNION COUNTY E.S.C.
AT
1571 Lamberts Mill Road , Westfield , NJ 07090
Consulting Engineer's Seal
SCHOOL LEGEND
NO. DATE: COMMENTS:
10/30/13 PLAN UPDATE
DATE: 10/30/13
SCALE: 3/32" = 1'-0"
DRAWN BY: BC
CHECKED BY: AG
SOLUTION No. 21.192
DRAWING No. 5