



LEAD IN POTABLE WATER SCREENING REPORT

INVESTIGATION FOR: Andrew Gamper
Waldwick Board of Education
155 Summit Avenue
Waldwick, NJ 07463

SITE INVESTIGATED: Traphagen Elementary
155 Wyckoff Avenue
&
Crescent School
165 Crescent Avenue
&
Middle/High School
155 Wyckoff Avenue
Waldwick, NJ 07463

ASSESSMENT BY: Kadeem Hill
Omega Environmental Services, Inc.
280 Huyler Street
South Hackensack, NJ 07606

INVESTIGATION
CONDUCTED: 9/24/2021

DATE OF REPORT: 11/2/2021

(Omega Project # 21-1236)

TABLE OF CONTENTS

EXECUTIVE SUMMARY/PROJECT OVERVIEW

1. RESULTS TABLE
2. SAMPLING METHODOLOGY
3. DISCUSSION OF RESULTS
4. RECOMMENDATIONS

Appendices:

A. Laboratory Analytical Reports

EXECUTIVE SUMMARY:

The Waldwick Board of Education requested representative lead in water testing of potable water outlets at 165 Crescent Avenue and 155 Wyckoff Avenue, Waldwick, New Jersey, 07463.

Previous Testing

Traphagen Elementary:

In order to assess the building water outlets a full testing of all potable outlets was performed on April 25, 2017.

Reportedly the outlets were not flushed or used on the day of testing.

First draw samples were collected of 33 water fountains and sinks.

Results of most first draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb. Two first draw samples were above 15 ppb.

Crescent School:

Reportedly the outlets were not flushed or used on the day of testing.

First draw samples were collected of 24 water fountains and sinks.

All results were below the Lead and Copper action level of 15 ppb.

Middle School:

Reportedly the outlets were not flushed or used on the day of testing.

First draw samples were collected of 14 water fountains and sinks.

Results of most first draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb. One first draw sample was above 15 ppb.

High School:

Reportedly the outlets were not flushed or used on the day of testing.

First draw samples were collected of 16 water fountains and sinks.

Results of most first draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb. Two first draw samples were above 15 ppb.

Recent Testing (9/24/2021)

In order to further assess the building water outlets a testing of representative potable outlets was performed on September 24, 2021.

Reportedly the outlets were flushed the day prior to sampling.

Traphagen Elementary:

First draw and flush samples (30 second) were collected of 33 water fountains and sinks.

Results of most first draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb. One (1) first draw-samples were above 15 ppb.

Crescent School:

First draw and flush samples (30-second) were collected of 25 water fountains and-sinks.

Results of all first-draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb.

Middle School:

First draw and flush samples (30 second) were collected of 14 water fountains and sinks.

Results of all first draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb.

High School:

First draw and flush samples (30 second) were collected of 16 water fountains and sinks.

Results of most first draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb. One (1) first draw samples were above 15 ppb.

See Section 3 Discussion of Results

Applicable Corrective Action

The positive outlets should not be used by students/staff but should continue to be flushed daily or weekly pending re-test.

1 **RESULTS TABLE:**

Sample #	Location	1 st draw (FD) or flush (FL)	Lead	
			Results (ppb)	LCR Action Level ⁽¹⁾ (ppb)
Traphagen Elementary School				
1	DW-1 Left Gym Café	FD	1.03	15
2	DW-2 Right Gym Café	FD	1.25	15
3	KC3 – Kitchen Café	FD	1.41	15
4	DW-4 – Building 01 – Class to Right Water Fountain	FD	3.33	15
5	DW-5 – Building 01 – Class to Left Water Fountain	FD	2.98	15
6	DW-6 – Building K Right Classroom Water Fountain	FD	1.43	15
7	DW-7 – Building K Left Classroom Water Fountain	FD	ND	15
8	DW-8 – Building K New Class Water Fountain	FD	ND	15
9	DW-9 – Building 2 Fountain Right Class	FD	5.83	15
10	DW-10 – Building 2 Fountain Left Class	FD	3.11	15
11	DW-11 – Building 3 Fountain Right Class	FD	8.67	15
12	DW-12 – Building 3 Fountain Left Class	FD	8.96	15
13	DW-13 – Building 4 Fountain Left	FD	ND	15
14	DW-14 – Building 4 Fountain Right Class	FD	ND	15
15	DW-15 – Music Room Fountain	FD	1.89	15
16	DW-16 – Building 5 Fountain – Library Area Left	FD	11.7	15
17	DW-17 – Building 5 Fountain Right	FD	17.4	15
18	NS18 – Nurse's Office Sink – Office	FD	1.56	15
19	TL19 – Teacher's Lounge – Office Building	FD	ND	15
20	DW-20 – Building 6 Fountain Right Class	FD	2.75	15
21	DW-21 – Building 6 Fountain Left Class	FD	1.90	15
22	DW-22 – Class 7R Fountain	FD	1.45	15
23	DW-23 – Class 7L Fountain	FD	2.38	15
24	DW-24 – Class 8R Fountain	FD	2.60	15
25	DW-25 – Class 8L Fountain	FD	3.82	15
26	DW-26 – Class 10R Fountain	FD	3.79	15
27	DW-27 – Class 10L Fountain	FD	3.48	15
28	DW-28 – Class 9R Fountain	FD	3.60	15
29	DW-29 – Class 9L Fountain	FD	3.84	15
30	DW-30 – Building 11 Room 1110 Fountain	FD	ND	15
31	DW-31 – Building 11 Room 1104 Fountain	FD	ND	15
32	DW-32 – Building 11 Hallway Fountain	FD	ND	15
33	Board of Education Lounge Sink – TL 33	FD	3.62	15
34	Field Blank	FD	ND	15
Crescent School				
1	Faculty Room Sink – TL	FD	1.86	15
2	Right Water Fountain in Hallway Near Room 101 – CW	FD	ND	15
4	Room 101 Water Fountain – DW	FD	5.08	15
5	Room 102 Water Fountain – DW	FD	1.59	15

6	Room 103 Water Fountain – DW	FD	5.25	15
7	Room 104 Water Fountain – DW	FD	2.69	15
8	Room 105 Water Fountain – DW	FD	3.32	15
9	Room 106 Water Fountain – DW	FD	2.62	15
10	Room 107 Water Fountain – DW	FD	3.24	15
11	Room 109 Water Fountain – DW	FD	4.58	15
12	Room 108 Water Fountain – DW	FD	3.65	15
13	Water Fountain in Hallway Outside of CST Office – Chiller	FD	ND	15
14	Nurse's Sink – NS	FD	2.55	15
15	Room 204 Water Fountain – DW	FD	3.25	15
16	Room 203 Water Fountain – DW	FD	5.74	15
17	Room 206 Water Fountain – DW	FD	3.02	15
18	Room 205 Water Fountain – DW	FD	9.78	15
19	Room 208 Water Fountain – DW	FD	4.82	15
20	Room 207 Water Fountain – DW	FD	4.06	15
21	Room 210 Water Fountain – DW	FD	1.56	15
22	Room 209 Water Fountain – DW	FD	1.69	15
23	Room 212 Water Fountain – DW	FD	3.47	15
24	Room 211 Water Fountain – DW	FD	2.10	15
25	Room 111 Water Fountain – DW	FD	5.66	15
26	Field Blank	FD	ND	15
Middle School				
1	Room 215 Left Sink 01 – E.C.	FD	4.00	15
2	Room 215 Sink – E.C.	FD	5.46	15
3	Room 215 Sink – E.C.	FD	7.72	15
4	Room 215 Sink – E.C.	FD	2.22	15
5	Room 215 Sink – E.C.	FD	2.70	15
6	Room 215 Right Sink – E.C.	FD	3.86	15
7	Hallway Water Fountain at Room 210-WC	FD	ND	15
9	Hallway Water Fountain Left Across from Room 203-DW	FD	1.82	15
10	Hallway Water Fountain Right Across from Room 203-DW	FD	1.68	15
11	Kitchen Sink – KF Room 119	FD	5.33	15
12	Hallway Water Fountain Left Across from Room 103-DW	FD	ND	15
13	Hallway Water Fountain Right Across from Room 103-DW	FD	ND	15
14	Hallway Water Fountain Near Room 110-CW	FD	ND	15
15	Field Blank	FD	ND	15
High School				
1	High School Boy's Locker Room Fountain	FD	8.62	15
2	High School Trainer's Office Ice Machine	FD	ND	15
3	High School Trainer's Office Ice Machine Hose	FD	2.98	15
4	High School Water Chiller at Main Entrance in Hall	FD	ND	15
5	High School 2 nd Floor Girl's Locker Room Fountain	FD	15.3	15
6	High School Water Chiller in Hall Near Girl's Locker Room	FD	ND	15
7	High School Kitchen Food Prep. Sink Near Stove	FD	4.22	15
8	High School Kitchen Food Prep. Sink Near	FD	5.53	15

	Fridge			
9	High School Chiller in Hallway Near Boy's Bathroom	FD	ND	15
10	High School Teacher's Lounge Sink	FD	2.57	15
11	High School Room 305 Sink	FD	1.98	15
12	High School Media Center Sink	FD	1.47	15
13	High School Nurse's Office Sink	FD	4.46	15
14	High School Room 114 Main Office Sink	FD	7.60	15
15	High School Chiller in Hallway Near Room 116	FD	ND	15
16	High School Snack Stand Sink	FD	5.06	15
17	Field Blank	FD	ND	15

⁽¹⁾ EPA Lead in Copper Rule (1991) Action Level for water suppliers (municipalities and private wells) and March 2016 Newark Public Schools Lead Water Testing Sampling Plan.

FD – First Draw Sample

FL – Flush Sample (30 sec)

NA – Not Analyzed

2 SAMPLING METHODOLOGY:

First Draw Samples – Without allowing any water to spill until sample collection, samples were collected with a relatively slow flow rate in 250 ML bottles prepared with Nitric Acid (HNO_3) as a preservative.

Flush Samples – After collection of first draw samples the water was allowed to flow at a relatively slow rate for thirty second to flush the fixture and close piping. The flush samples are intended to test the plumbing further upstream from the fixture (behind walls).

The samples were packaged in a cooler and shipped to EMSL Analytical, Inc., Cinnaminson, NJ for total lead in potable water analysis (method E200.8 IOC).

3 DISCUSSION OF RESULTS:

Traphagen Elementary:

Results of most first draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb. One (1) first draw samples were above 15 ppb.

Crescent School:

Results of all first draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb.

Middle School:

Results of all first draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb.

High School:

Results of most first draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb. One (1) first draw samples were above 15 ppb.

4 RECOMMENDATIONS:

Short term:

- Take any outlets with elevated results out of service.
- Conduct further evaluation, flushing, and testing of outlets with elevated results.

Contact Omega Environmental to discuss specific recommendations.

Long Term.

- If additional testing shows similar results (first draw results above 15 ppb) consider replacing the spout of the fountains (may contain brass, adding to lead levels), installing filters (if practical), or fixture replacement.
- Repeat full building testing on an annual basis. Generally this should be performed in August prior to the start of the school season.
- Develop a Lead in Water Management Plan in accordance with the 2006 EPA 3Ts for Reducing Lead in Drinking Water in Schools.

A. Lead in Water Laboratory Reports



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 205-2500 Fax: (856) 658-4571 Email: EnvChem@emsl.com

Attn:

**Lab
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606**

10/11/2021

Phone: (201) 489-8700
Fax: (201) 489-8797

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/27/2021. The results are tabulated on the attached data pages for the following client designated project:

21-1236

The reference number for these samples is EMSL Order #012111042. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ D3036, NY 10572, PA 68-D0367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

Page 1 of 10

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry@ems.com

EMSL Order: 012111042
 CustomerID: OMEG50
 CustomerPO: 21-1236
 ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8767
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 01 Traphagen Elementary School/DW-1 (Left) Gym Café		Collected: 9/24/2021 4:30:00 AM		Lab ID: 012111042-0001	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.03	1.00 µg/L	10/6/2021 VD	10/7/2021 VD 10:22
Client Sample Description 02 Traphagen Elementary School/DW-2 (Right) Gym Café		Collected: 9/24/2021 4:31:00 AM		Lab ID: 012111042-0002	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.25	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 10:58
Client Sample Description 03 Traphagen Elementary School/KC3 - Kitchen Café		Collected: 9/24/2021 4:32:00 AM		Lab ID: 012111042-0003	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.41	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 10:59
Client Sample Description 04 Traphagen Elementary School/DW4 - Building 01 - Class to the Right Water Fountain		Collected: 9/24/2021 4:33:00 AM		Lab ID: 012111042-0004	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.33	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 11:00
Client Sample Description 05 Traphagen Elementary School/DW5 - Building 01 - Class to the Left Water Fountain		Collected: 9/24/2021 4:34:00 AM		Lab ID: 012111042-0005	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.98	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 11:05

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Page 2 of 10

ChemSmpIw/RDL/NELAC-2.12.0.0 Printed: 10/11/2021 6:13:00 PM

Page 2 of 10

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206 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 658-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012111042
 CustomerID: OMEG50
 CustomerPO: 21-1236
 ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8767
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description		06 Traphagen Elementary School/DW6 - BuildingK Right Classroom Water Fountain	Collected:	9/24/2021 4:35:00 AM	Lab ID:	012111042-0006	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	1.43	1.00 µg/L	10/6/2021	VD	10/8/2021 11:06	VD
Client Sample Description		07 Traphagen Elementary School/DW7 - BuildingK Left Classroom Water Fountain	Collected:	9/24/2021 4:36:00 AM	Lab ID:	012111042-0007	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L	10/6/2021	VD	10/8/2021 11:08	VD
Client Sample Description		08 Traphagen Elementary School/DW8 - BuildingK New Class Water Fountain	Collected:	9/24/2021 4:37:00 AM	Lab ID:	012111042-0008	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L	10/6/2021	VD	10/8/2021 11:09	VD
Client Sample Description		09 Traphagen Elementary School/DW9 - Building 2 Fountain (Right Class)	Collected:	9/24/2021 4:38:00 AM	Lab ID:	012111042-0009	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	5.83	1.00 µg/L	10/6/2021	VD	10/8/2021 11:11	VD
Client Sample Description		10 Traphagen Elementary School/DW10- Building 2 Fountain (Left Class)	Collected:	9/24/2021 4:39:00 AM	Lab ID:	012111042-0010	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 559-4571

http://www.emsl.com

EnvChemistry2@emsl.com

EMSL Order: 012111042
 CustomerID: OME650
 CustomerPO: 21-1236
 ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-5700
 Fax: (201) 489-5797
 Received: 8/27/2021 08:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 10
 Traphagen Elementary School/DW10- Building 2
 Fountain (Left Class)

Collected: 8/24/2021
 4:39:00 AM

Lab ID: 012111042-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	3.11	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 18:29
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Client Sample Description 11
 Traphagen Elementary School/DW11- Building 3
 Fountain (Right Class)

Collected: 8/24/2021
 4:43:00 AM

Lab ID: 012111042-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	8.67	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 18:31
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Client Sample Description 12
 Traphagen Elementary School/DW12- Building 3
 Fountain (Left Class)

Collected: 8/24/2021
 4:41:00 AM

Lab ID: 012111042-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	8.26	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 18:35
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Client Sample Description 13
 Traphagen Elementary School/DW13 - Building 4
 Fountain (Left)

Collected: 8/24/2021
 4:42:00 AM

Lab ID: 012111042-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 18:37
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Client Sample Description 14
 Traphagen Elementary School/DW14- Building 4
 Fountain (Right Class)

Collected: 8/24/2021
 4:43:00 AM

Lab ID: 012111042-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

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Page 4 of 10



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<http://www.EPA.com> EnvChemistry2@epamc.com

CustomerID: OMEG50
 CustomerPO: 21-1236
 ProjectID:

Attn: Lab
 Omega Environmental Services
 280 Huyler Street
 South Hackensack, NJ 07606

Phone: (201) 489-5700
 Fax: (201) 489-5707
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 14		Collected: 9/24/2021		Lab ID: 012111042-0014	
Traphagen Elementary School/DW14- Building 4 Fountain (Right Class)		4:43:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 18:38
Client Sample Description 15		Collected: 9/24/2021		Lab ID: 012111042-0015	
Traphagen Elementary School/DW15- Music Room Fountain		4:44:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.82	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 18:39
Client Sample Description 16		Collected: 9/24/2021		Lab ID: 012111042-0016	
Traphagen Elementary School/DW16- Building 5 Fountain (Library Area - Left)		4:45:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	11.7	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 18:41
Client Sample Description 17		Collected: 9/24/2021		Lab ID: 012111042-0017	
Traphagen Elementary School/DW17- Building 5 Fountain (Right)		4:46:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	17.4	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 18:42
Client Sample Description 18		Collected: 9/24/2021		Lab ID: 012111042-0018	
Traphagen Elementary School/NS18- Nurse's Office Sink - Office		4:47:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					

**EMSL Analytical, Inc.**

200 Route 136 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 658-4571

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

EMSL Order: 012111042

CustomerID: OMEG50

CustomerPO: 21-1236

ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8727
 Received: 9/27/2021 08:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 18 Traphagen Elementary School/NS18- Nurse's Office Sink - Office
 Collected: 9/24/2021 4:47:00 AM
 Lab ID: 012111042-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.56	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 18:47

Client Sample Description 19 Traphagen Elementary School/TL19- Teachers Lounge - Office Building
 Collected: 9/24/2021 4:48:00 AM
 Lab ID: 012111042-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 18:48

Client Sample Description 20 Traphagen Elementary School/DW20- Building 6 Fountain (Right Class)
 Collected: 9/24/2021 4:49:00 AM
 Lab ID: 012111042-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.75	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 18:50

Client Sample Description 21 Traphagen Elementary School/DW21- Building 6 Fountain (Left Class)
 Collected: 9/24/2021 4:50:00 AM
 Lab ID: 012111042-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.90	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 17:22

Client Sample Description 22 Traphagen Elementary School/DW22- Class 7R Fountain
 Collected: 9/24/2021 4:51:00 AM
 Lab ID: 012111042-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					

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Page 6 of 10

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Phone/Fax: (856) 303-2500 / (856) 858-4571

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EMSL Order: 012111042

CustomerID: OMEG50

CustomerPO: 21-1236

ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8767
 Received: 8/27/2021 09:30 AM

Project: 21-1236

Analytical Results

Client Sample Description: 22
 Traphagen Elementary School/DW22- Class 7R
 Fountain

Collected: 8/24/2021
 4:51:00 AM

Lab ID: 012111042-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.45	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 17:28

Client Sample Description: 23
 Traphagen Elementary School/DW23- Class 7L
 Fountain

Collected: 8/24/2021
 4:52:00 AM

Lab ID: 012111042-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.35	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 17:28

Client Sample Description: 24
 Traphagen Elementary School/DW24- Class 5R
 Fountain

Collected: 8/24/2021
 4:53:00 AM

Lab ID: 012111042-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.60	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 17:29

Client Sample Description: 25
 Traphagen Elementary School/DW25- Class 5L
 Fountain

Collected: 8/24/2021
 4:54:00 AM

Lab ID: 012111042-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.62	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 17:31

Client Sample Description: 26
 Traphagen Elementary School/DW26- Class 1QR
 Fountain

Collected: 8/24/2021
 4:55:00 AM

Lab ID: 012111042-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					

ChemSmpIw/ROD/NELAC-2.12.0.0 Printed: 10/11/2021 6:13:00 PM

Page 7 of 10

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (609) 303-2500 / (856) 858-4571

http://www.EMSL.com

Email: chemistry2@emsl.com

EMSL Order: 012111042

CustomerID: OME650

CustomerPO: 21-1236

ProjectID:

Attn: Lab
Omega Environmental Services
 280 Huyler Street
 South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8797
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description		26	Collected:		9/24/2021	Lab ID:		012111042-0026
		Traphagen Elementary School/DW26- Class 10R Fountain			4:59:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	3.79	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	
						17:32		
Client Sample Description		27	Collected:		9/24/2021	Lab ID:		012111042-0027
		Traphagen Elementary School/DW27- Class 10L Fountain			5:10:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	3.48	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	
						17:36		
Client Sample Description		28	Collected:		9/24/2021	Lab ID:		012111042-0028
		Traphagen Elementary School/DW28- Class 9R Fountain			5:11:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	3.60	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	
						17:38		
Client Sample Description		29	Collected:		9/24/2021	Lab ID:		012111042-0029
		Traphagen Elementary School/DW29- Class 9L Fountain			5:12:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	3.54	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	
						17:32		
Client Sample Description		30	Collected:		9/24/2021	Lab ID:		012111042-0030
		Traphagen Elementary School/DW30- Building 11 Room 1110 Fountain			5:13:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								

ChemSmpIw/RDL/NELAC-2.19.0.0 Printed: 10/11/2021 5:13:00 PM

Page 8 of 10

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 558-4571

<http://www.EMSL.com>EnvChemistry@emsl.com

EMSL Order: 012111042

CustomerID: OMEG50

CustomerPO: 21-1236

ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8787
 Received: 8/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 30
 Traphagen Elementary School/DW30- Building 11
 Room 1110 Fountain

Collected: 8/24/2021 5:13:00 AM

Lab ID: 012111042-0030

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 17:41

Client Sample Description 31
 Traphagen Elementary School/DW31- Building 11
 Room 1104 Fountain

Collected: 8/24/2021 5:15:00 AM

Lab ID: 012111042-0031

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 17:42

Client Sample Description 32
 Traphagen Elementary School/DW32- Building 11
 Hallway Fountain

Collected: 8/24/2021 5:16:00 AM

Lab ID: 012111042-0032

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 17:47

Client Sample Description 33
 Traphagen Elementary School/Board of Education
 Lounge Sink - TL 33

Collected: 8/24/2021 5:17:00 AM

Lab ID: 012111042-0033

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.62	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 17:48

Client Sample Description 34
 Field Blank

Collected:

Lab ID: 012111042-0034

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 17:50

ChemSimplw/RDL/NELAC-2.12.0.0 Printed: 10/11/2021 6:13:00 PM

Page 9 of 10

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 559-4571

<http://www.EMSL.com>EnvChemistry@EMSL.com

EMSL Order:	012111042
CustomerID:	OMEG50
CustomerPO:	21-1236
ProjectID:	

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

OrderID: 01211042

EMSL ANALYTICAL, INC.
LABORATORY SERVICES

Lead Chain of Custody

Emsl Order Number / Use One Only

01211042

EMSL Analytical, Inc.
256 Route 136 North
Cranston, NJ 08077

PHONE: (609) 255-3675

E-MAIL: CustomerService@emsl.com

Customer Information		Billing Information	
Company Name: Omega Environmental Services		Company Name: Omega Environmental Services	
Contact Name:		Billing Contact:	
Street Address: 280 Huyler Street		Street Address: 280 Huyler Street	
City, State, Zip: South Hackensack, NJ 07606		City, State, Zip: South Hackensack, NJ 07606	
Country: USA		Country: USA	
Phone: 201-489-8700		Phone: 201-489-8700	
E-mail for Invoicing: lab@omega-env.com		E-mail for Billing: bill@omega-env.com	
Project Information			
Project Name: 21-1234		Hardware Order:	
Emsl LIMS Project ID:		U.S. State where sample collected:	
Customer Order #:		Commercial (Y/N):	
Customer Order #:		Residential (Y/N):	
Customer Order #:		No. of Samples or Shipments: 33	
Turn-Around Time (TAT)			
☐ 1 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☒ 1 Week			
Matrix: ☐ Water ☐ Soil ☐ Air ☐ Sediment ☐ Other			
Reporting Limit based on a minimum of 25g sample weight		Reporting Limit based on a minimum of 25g sample weight	
SW 846-10000		Flame Atomic Absorption	
SW 846-60100		ICP-OES	
MOSH 7000		Flame Atomic Absorption	
MOSH 7000 / MOSH 7000M		ICP-OES	
MOSH 7000M / MOSH 7000M		ICP-OES	
SW 846-10000		Flame Atomic Absorption	
SW 846-60100		ICP-OES	
SW 846-1011 / 70000 / SW 846-1011B		Flame Atomic Absorption	
SW 846-1011 / SW 846-60100		ICP-OES	
SW 846-1011 / 70000 / SW 846-1011B		Flame Atomic Absorption	
SW 846-1011 / SW 846-60100		ICP-OES	
25 CFR App. B, 70000		Flame Atomic Absorption	
22 CFR App. B, SW 846-60100		ICP-OES	
22 CFR App. B, 70000		Flame Atomic Absorption	
22 CFR App. B, SW 846-60100		ICP-OES	
SW 846-10000		Flame Atomic Absorption	
SW 846-60100		ICP-OES	
SW 846-1011 / SW 846-60100		Flame Atomic Absorption	
EPA 821.7		ICP-OES	
EPA 821.5		ICP-OES	
EPA 821.5		ICP-OES	
40 CFR Part 30		ICP-OES	
Other:		Other:	
Sample Number:		Sample Location:	
Volume / Area:		Date / Time Sampled:	
Samples begin on the following page:			
Method of Storage: Pick up			
Transmitted by: Hudson Hill		Received by: John C. [Signature]	
Transmitted on: 9/24/12 12:00		Received on: 9/24/12 8:45 pm	
Transmitted to:		Received from:	

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



1. *Abstract* – The abstract should be a brief summary of the paper, not more than 10% of the whole paper.

PAGE TWO

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ENVIRONMENTAL ANALYTICAL, INC.
10000 130th Avenue, NW, Suite 100, Edmonds, WA 98149

01211042

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Special Instructions: Answer all questions. Questions marked with an asterisk (*) are for the purpose of the exam. Questions marked with a dagger (†) are for the purpose of the exam.

[illegible]

☐ AGREE TO ELECTRONIC SIGNATURE BY CHECKING: I consent to signing this Order of Service Document by electronic signature.

EMSL Analytical, Inc.'s Limitations, 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.

Page 2 of 2

Page 2 of 2 (4)



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 658-4571 Email: EnvChem@emsl.com

Attn:

Lab

10/6/2021

**Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606**

Phone: (201) 489-8700

Fax: (201) 489-8797

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/27/2021. The results are tabulated on the attached data pages for the following client designated project:

21-1236

The reference number for these samples is EMSL Order #012111120. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

Page 1 of 7

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2502 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry@emsl.com

EMSL Order: 012111120

CustomerID: OMEG50

CustomerPO: 21-1236

ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8797
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 01 Crescent School / Faculty Room Sink - TL		Collected: 9/24/2021 5:40:00 AM		Lab ID: 012111120-0001	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.85	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 18:56
Client Sample Description 02 Crescent School / Right Water Fountain in Hallway Near RM 101 - CW		Collected: 9/24/2021 5:41:00 AM		Lab ID: 012111120-0002	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 19:00
Client Sample Description 04 Crescent School / Room 101 Water Fountain - DW		Collected: 9/24/2021 5:44:00 AM		Lab ID: 012111120-0003	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.06	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 19:04
Client Sample Description 05 Crescent School / Room 102 Water Fountain - DW		Collected: 9/24/2021 5:50:00 AM		Lab ID: 012111120-0004	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.59	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 19:06
Client Sample Description 06 Crescent School / Room 103 Water Fountain - DW		Collected: 9/24/2021 5:55:00 AM		Lab ID: 012111120-0005	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.25	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 19:07

ChemSmpIw/RDL/NELAC-2.12.0.0 Printed: 10/8/2021 1:28:04 PM

Page 2 of 7

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fac: (856) 303-2500 / (856) 658-4571

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

EMSL Order: 012111120

CustomerID: OMEG50

CustomerPO: 21-1236

ProjectID:

Attn: Lab
 Omega Environmental Services
 280 Huyler Street
 South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-5767
 Received: 9/27/2021 02:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 07		Collected: 9/24/2021		Lab ID: 012111120-0006	
Crescent School / Room 104 Water Fountain - DW		6:00:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.69	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 12:09
Client Sample Description 08		Collected: 9/24/2021		Lab ID: 012111120-0007	
Crescent School / Room 105 Water Fountain - DW		6:01:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.32	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 12:10
Client Sample Description 09		Collected: 9/24/2021		Lab ID: 012111120-0008	
Crescent School / Room 106 Water Fountain - DW		6:10:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.62	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 12:12
Client Sample Description 10		Collected: 9/24/2021		Lab ID: 012111120-0009	
Crescent School / Room 107 Water Fountain - DW		6:11:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.24	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 12:13
Client Sample Description 11		Collected: 9/24/2021		Lab ID: 012111120-0010	
Crescent School / Room 108 Water Fountain - DW		6:12:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.58	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 12:15

**EMSL Analytical, Inc.**

200 Route 130 North, Clintonsville, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.emsl.com

EnvChemistry2@emsl.com

EMSL Order: 012111120

CustomerID: OMEG50

CustomerPO: 21-1236

ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8787
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description		12 Crescent School / Room 108 Water Fountain - DW	Collected: 9/24/2021 6:17:00 AM		Lab ID:		012111120-0011	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	3.65	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	12:16
Client Sample Description		13 Crescent School / Water Fountain in Hallway Outside of CST Office - Chiller - CW	Collected: 9/24/2021 6:20:00 AM		Lab ID:		012111120-0012	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	ND	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	12:24
Client Sample Description		14 Crescent School / Nurse's Sink - NS	Collected: 9/24/2021 6:24:00 AM		Lab ID:		012111120-0013	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	2.55	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	12:25
Client Sample Description		15 Crescent School / Room 204 Water Fountain - DW	Collected: 9/24/2021 6:25:00 AM		Lab ID:		012111120-0014	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	3.25	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	12:26
Client Sample Description		16 Crescent School / Room 203 Water Fountain - DW	Collected: 9/24/2021 6:26:00 AM		Lab ID:		012111120-0015	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	5.74	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	12:28

ChemSmpIn/RDL/NELAC-2.12.0.0 Printed: 10/8/2021 1:28:04 PM

Page 4 of 7

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 658-4571

<http://www.emsl.com>EnvChemistry2@emsl.com

EMSL Order: 012111120

CustomerID: OMEG50

CustomerPO: 21-1236

ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-5767
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 17		Collected: 9/24/2021		Lab ID: 012111120-0016	
Crescent School / Room 206 Water Fountain - DW		6:27:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.02	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 12:29
Client Sample Description 18		Collected: 9/24/2021		Lab ID: 012111120-0017	
Crescent School / Room 205 Water Fountain - DW		6:28:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.75	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 12:31
Client Sample Description 19		Collected: 9/24/2021		Lab ID: 012111120-0018	
Crescent School / Room 208 Water Fountain - DW		6:29:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.52	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 12:32
Client Sample Description 20		Collected: 9/24/2021		Lab ID: 012111120-0019	
Crescent School / Room 207 Water Fountain - DW		6:30:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.06	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 12:34
Client Sample Description 21		Collected: 9/24/2021		Lab ID: 012111120-0020	
Crescent School / Room 210 Water Fountain - DW		6:33:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.56	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 12:35

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

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

EMSL Order: 012111120

CustomerID: OMEG50

CustomerPO: 21-1236

ProjectID:

Attn: Lab
Omega Environmental Services
 280 Huyler Street
 South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8787
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 22		Collected: 9/24/2021		Lab ID: 012111120-0021	
Crescent School / Room 209 Water Fountain - DW		6:32:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.69	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 20:19
Client Sample Description 23		Collected: 9/24/2021		Lab ID: 012111120-0022	
Crescent School / Room 212 Water Fountain - DW		6:34:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.47	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 20:21
Client Sample Description 24		Collected: 9/24/2021		Lab ID: 012111120-0023	
Crescent School / Room 211 Water Fountain - DW		6:33:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.10	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 20:22
Client Sample Description 25		Collected: 9/24/2021		Lab ID: 012111120-0024	
Crescent School / Room 111 Water Fountain - DW		6:17:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.66	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 20:24
Client Sample Description 26		Collected: 9/24/2021		Lab ID: 012111120-0025	
Field Blank		6:20:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 20:25

ChemSmpIw/RDL/NELAC-2.12.0.0 Printed: 10/9/2021 1:29:04 PM

Page 6 of 7

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 655-4571

Web: www.EMSL.com EnvChemistry2@emsl.com

EMSL Order:	012111120
CustomerID:	OMEG80
CustomerPO:	21-1236
ProjectID:	

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

OrderID: 012111120



Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130-North
Cinnaminson, NJ 08077EMSL ANALYTICAL INC.
TESTING LABS - PRODUCTS - TRAINING

012111120

PHONE (855) 221-5675

EMAIL: CUSTSVC@EMSLANAL.COM

Customer ID:		Order ID:																																																																																																																																			
Company Name: Omega Environmental Services		Company Name: Omega Environmental Services																																																																																																																																			
Contact Name:		Contact Name:																																																																																																																																			
Street Address: 280 Huyler Street		Street Address: 280 Huyler Street																																																																																																																																			
City, State, Zip: South Hackensack, NJ 07606 Country: USA		City, State, Zip: South Hackensack, NJ 07606 Country: USA																																																																																																																																			
Phone: 201-489-8700		Phone: 201-489-8700																																																																																																																																			
Email: lab@omega-env.com		Email: lab@omega-env.com																																																																																																																																			
Project Information																																																																																																																																					
Project Name: 21-1236		Project Number:																																																																																																																																			
EMSL Lab Project ID:		US State where sample collected: NJ																																																																																																																																			
Sample ID: Hudson Hill		Sample Collected (Y/N) must select project number:																																																																																																																																			
Sample Location: Hudson		Commercial (Y/N):																																																																																																																																			
Sample Date: 9/24/12		Residential (Y/N):																																																																																																																																			
Sample Time: 12:00		No. of Samples: 25																																																																																																																																			
Turnaround Time (TAT):		No. of Samples: 25																																																																																																																																			
☐ 1 Hour ☐ 2 Hour ☐ 24 Hour ☐ 72 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☒ 2 Week																																																																																																																																					
<table border="1"> <thead> <tr> <th>MATRIX</th> <th>METHOD</th> <th>INSTRUMENT</th> <th>REPORTING UNIT</th> <th>SELECTION</th> </tr> </thead> <tbody> <tr> <td>CHIPS</td> <td>SW 845-7000E</td> <td>Flame Atomic Absorption</td> <td>0.05% (80 ppm)</td> <td>☐</td> </tr> <tr> <td></td> <td>SW 845-80100*</td> <td>ICP-OES</td> <td>0.001% (4 ppm)</td> <td>☐</td> </tr> <tr> <td></td> <td>NIOSH 7002</td> <td>Flame Atomic Absorption</td> <td>4.0 mg/l</td> <td>☐</td> </tr> <tr> <td>AP</td> <td>NIOSH 7000A / NIOSH 7000B</td> <td>ICP-OES</td> <td>0.001%</td> <td>☐</td> </tr> <tr> <td></td> <td>NIOSH 7000A / NIOSH 7000B</td> <td>ICP-OES</td> <td>0.001%</td> <td>☐</td> </tr> <tr> <td>WPC</td> <td>SW 845-7000E</td> <td>Flame Atomic Absorption</td> <td>10.0 mg/l</td> <td>☐</td> </tr> <tr> <td></td> <td>SW 845-80100*</td> <td>ICP-OES</td> <td>1.0 mg/l</td> <td>☐</td> </tr> <tr> <td>ICLP</td> <td>SW 845-1211 / SW 845-1212</td> <td>Flame Atomic Absorption</td> <td>0.4 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td></td> <td>SW 845-1211 / SW 845-1212</td> <td>ICP-OES</td> <td>0.1 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td>ICLP</td> <td>SW 845-1212 / SW 845-1212</td> <td>Flame Atomic Absorption</td> <td>0.4 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td></td> <td>SW 845-1212 / SW 845-1212</td> <td>ICP-OES</td> <td>0.1 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td>ITLC</td> <td>22 CFR App. B, SW 845-86100*</td> <td>Flame Atomic Absorption</td> <td>40 mg/kg (ppm)</td> <td>☐</td> </tr> <tr> <td></td> <td>22 CFR App. B, SW 845-86100*</td> <td>ICP-OES</td> <td>2 mg/kg (ppm)</td> <td>☐</td> </tr> <tr> <td>STLC</td> <td>22 CFR App. B, SW 845-86100*</td> <td>Flame Atomic Absorption</td> <td>0.4 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td></td> <td>22 CFR App. B, SW 845-86100*</td> <td>ICP-OES</td> <td>0.1 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td>SOIL</td> <td>SW 845-7000E</td> <td>Flame Atomic Absorption</td> <td>40 mg/kg (ppm)</td> <td>☐</td> </tr> <tr> <td></td> <td>SW 845-80100*</td> <td>ICP-OES</td> <td>2 mg/kg (ppm)</td> <td>☐</td> </tr> <tr> <td>WASTEWATER</td> <td>SW 845-1211 / SW 845-1212</td> <td>Flame Atomic Absorption</td> <td>0.4 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td>Unterserved</td> <td>SW 845-1211 / SW 845-1212</td> <td>ICP-OES</td> <td>0.002 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td>Preserved with HNO3</td> <td>SW 845-1211 / SW 845-1212</td> <td>ICP-OES</td> <td>0.002 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td>Drinking Water</td> <td>SW 845-1211 / SW 845-1212</td> <td>ICP-OES</td> <td>0.001 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td>Unterserved</td> <td>SW 845-1211 / SW 845-1212</td> <td>ICP-OES</td> <td>0.001 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td>Preserved with HNO3</td> <td>SW 845-1211 / SW 845-1212</td> <td>ICP-OES</td> <td>0.001 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td>TSPPM Filter</td> <td>40 CFR Part 50</td> <td>ICP-OES</td> <td>1.0 ug/liter</td> <td>☐</td> </tr> <tr> <td>Other:</td> <td></td> <td></td> <td></td> <td>☐</td> </tr> </tbody> </table>				MATRIX	METHOD	INSTRUMENT	REPORTING UNIT	SELECTION	CHIPS	SW 845-7000E	Flame Atomic Absorption	0.05% (80 ppm)	☐		SW 845-80100*	ICP-OES	0.001% (4 ppm)	☐		NIOSH 7002	Flame Atomic Absorption	4.0 mg/l	☐	AP	NIOSH 7000A / NIOSH 7000B	ICP-OES	0.001%	☐		NIOSH 7000A / NIOSH 7000B	ICP-OES	0.001%	☐	WPC	SW 845-7000E	Flame Atomic Absorption	10.0 mg/l	☐		SW 845-80100*	ICP-OES	1.0 mg/l	☐	ICLP	SW 845-1211 / SW 845-1212	Flame Atomic Absorption	0.4 mg/L (ppm)	☐		SW 845-1211 / SW 845-1212	ICP-OES	0.1 mg/L (ppm)	☐	ICLP	SW 845-1212 / SW 845-1212	Flame Atomic Absorption	0.4 mg/L (ppm)	☐		SW 845-1212 / SW 845-1212	ICP-OES	0.1 mg/L (ppm)	☐	ITLC	22 CFR App. B, SW 845-86100*	Flame Atomic Absorption	40 mg/kg (ppm)	☐		22 CFR App. B, SW 845-86100*	ICP-OES	2 mg/kg (ppm)	☐	STLC	22 CFR App. B, SW 845-86100*	Flame Atomic Absorption	0.4 mg/L (ppm)	☐		22 CFR App. B, SW 845-86100*	ICP-OES	0.1 mg/L (ppm)	☐	SOIL	SW 845-7000E	Flame Atomic Absorption	40 mg/kg (ppm)	☐		SW 845-80100*	ICP-OES	2 mg/kg (ppm)	☐	WASTEWATER	SW 845-1211 / SW 845-1212	Flame Atomic Absorption	0.4 mg/L (ppm)	☐	Unterserved	SW 845-1211 / SW 845-1212	ICP-OES	0.002 mg/L (ppm)	☐	Preserved with HNO3	SW 845-1211 / SW 845-1212	ICP-OES	0.002 mg/L (ppm)	☐	Drinking Water	SW 845-1211 / SW 845-1212	ICP-OES	0.001 mg/L (ppm)	☐	Unterserved	SW 845-1211 / SW 845-1212	ICP-OES	0.001 mg/L (ppm)	☐	Preserved with HNO3	SW 845-1211 / SW 845-1212	ICP-OES	0.001 mg/L (ppm)	☐	TSPPM Filter	40 CFR Part 50	ICP-OES	1.0 ug/liter	☐	Other:				☐
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Sample Number	Sample Location	Volume / Area	Date / Time Sampled																																																																																																																																		
Samples begin on the following page:																																																																																																																																					
Method of Sample: Pick up																																																																																																																																					
Sample Collection Date: 9/24/12																																																																																																																																					
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Sample Collection Person: J. Currier																																																																																																																																					
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Sample Collection Person: J. Currier																																																																																																																																					
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Sample Collection Time: 4:00 pm																																																																																																																																					

Order ID: 012111120



Lead Chain of Custody

FORM 100-1 (Rev. 1/05)

EMSL Analytical, Inc.
200 Route 130 North
Cresskill, NJ 08277

PHONE: (800) 230-3675
EMAIL: CUST@EMSLANAL.COM

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CRESSKILL, NJ 08277

012111120

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
01	Cresskill School / Faculty Room Sink - 1 L	250 mL	9/24/21 5:45
02	Right water fountain in Hallway near RM 101 - CW		5:41
03	Left water fountain in Hallway near RM 101 - CW		5:42
04	Room 101 water fountain - DW		5:44
05	Room 102 water fountain - DW		5:45
06	Room 103 water fountain - DW		5:45
07	Room 104 water fountain - DW		6:08
08	Room 105 water fountain - DW		6:01
09	Room 106 water fountain - DW		6:16
10	Room 107 water fountain - DW		6:11
11	Room 109 water fountain - DW		6:12
12	Room 108 water fountain - DW		6:17
13	Water fountain in Hallway outside of CST office - Chiller - CW		6:26
14	Nurses' sink - NS		6:24
15	Room 204 water fountain - DW		6:25
16	Room 203 water fountain - DW		6:26
17	Room 206 water fountain - DW		6:27
18	Room 205 water fountain - DW		6:26
19	Room 208 water fountain - DW		6:29
20	Room 207 water fountain - DW		6:30
21	Room 210 water fountain - DW		6:33
22	Room 209 water fountain - DW		6:32
23	Room 212 water fountain - DW		6:34
24	Room 211 water fountain - DW		6:35
25	Room 111 water fountain - DW		6:37
26	Pick Up 26: Field Blank		6:38

Prepared by: William Hill	Date: 9/24/21 12:00	Received by:	Date/Time:
Collected by:	Date/Time:	Received by:	Date/Time:

Continued Signature: 10/20/2019 (1/16/2019)

☐ I AGREE TO ELECTRONIC SIGNATURE (S), meaning, I consent to signing this Chain of Custody as a user 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.

Page 2 of 2

Page 2 of 2



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 556-4571 Email: EnvChemistry@emsl.com

Attn:

Lab

10/11/2021

**Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606**

Phone: (201) 489-8700

Fax: (201) 489-8797

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/27/2021. The results are tabulated on the attached data pages for the following client designated project:

21-1236

The reference number for these samples is EMSL Order #0121110837. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10572, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

Page 1 of 4

**EMSL Analytical, Inc.**

206 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 655-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012111053
 CustomerID: OMEG50
 CustomerPO: 21-1236
 ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8797
 Received: 8/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 01		Collected: 8/24/2021		Lab ID: 012111083-0001	
Middle School / Room 215 Left Sink 01 - E.C		7:00:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.00	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 17:33
Client Sample Description 02		Collected: 8/24/2021		Lab ID: 012111083-0002	
Middle School / Room 215 Sink - E.C		7:01:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.46	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 17:35
Client Sample Description 03		Collected: 8/24/2021		Lab ID: 012111083-0003	
Middle School / Room 215 Sink - E.C		7:02:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	7.72	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 17:39
Client Sample Description 04		Collected: 8/24/2021		Lab ID: 012111083-0004	
Middle School / Room 215 Sink - E.C		7:03:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.22	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 17:41
Client Sample Description 05		Collected: 8/24/2021		Lab ID: 012111083-0005	
Middle School / Room 215 Sink - E.C		7:04:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.79	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 17:45

**EMSL Analytical, Inc.**

206 Route 130 North, Clarks Summit, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 652-4571

http://www.emsl.com

EnvChemistry@emsl.com

EMSL Order: 012111053
 CustomerID: OMEG50
 CustomerPO: 21-1236
 ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8767
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 06		Collected: 9/24/2021		Lab ID: 012111053-0006	
Middle School / Room 215 Right Sink E.C.		7:05:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.55	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 17:47
Client Sample Description 07		Collected: 9/24/2021		Lab ID: 012111053-0007	
Middle School / Hallway Water Fountain @ Rm 210-WC		7:05:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 17:48
Client Sample Description 08		Collected: 9/24/2021		Lab ID: 012111053-0008	
Middle School / Hallway Water Fountain (Left) Across From Rm 203-DW		7:11:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.52	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 17:50
Client Sample Description 10		Collected: 9/24/2021		Lab ID: 012111053-0009	
Middle School / Hallway Water Fountain (Right) Across From Rm 203-DW		7:13:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.68	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 17:51
Client Sample Description 11		Collected: 9/24/2021		Lab ID: 012111053-0010	
Middle School / Kitchen Sink - KF Room 112		7:21:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.33	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 17:53

ChemSmpIwrDLNELAC-2-19.0.0 Printed: 10/11/2021 8:19:01 PM

Page 3 of 4

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 658-4571

http://www.emsl.com

Email: chemistry@emsl.com

EMSL Order: 012111083

CustomerID: OMEG50

CustomerPO: 21-1236

ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8787
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description: 12
 Middle School / Hallway Water Fountain (Left)
 Across From Rm 103-DW
Collected: 9/24/2021 7:24:00 AM
Lab ID: 012111083-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 17:54

Client Sample Description: 13
 Middle School / Hallway Water Fountain (Right)
 Across From Rm 103-DW
Collected: 9/24/2021 7:27:00 AM
Lab ID: 012111083-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 17:58

Client Sample Description: 14
 Middle School / Hallway Water Fountain Near
 Room 110-CW
Collected: 9/24/2021 7:28:00 AM
Lab ID: 012111083-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 18:06

Client Sample Description: 15
 Field Blank
Collected: 9/24/2021 7:30:00 AM
Lab ID: 012111083-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/7/2021 IC	10/7/2021 VD 18:07

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - Indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



ENR Order Number:

Page 228-2529

Figure 1. Continued

EMSI ANALYTICAL, INC.

012 4013

[illegible]

2012年12月12日

AGREE TO ELECTRONIC SIGNATURE (S) (check) I agree to sign this General Release document by electronic signature.

EMSL Analytical, Inc.'s Laboratory Methods and Standards 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.

Page 7 of 8

1998, 2001, 2004, 2007, 2010, 2013, 2016, 2019, 2022, 2025, 2028, 2031, 2034, 2037, 2040, 2043, 2046, 2049, 2052, 2055, 2058, 2061, 2064, 2067, 2070, 2073, 2076, 2079, 2082, 2085, 2088, 2091, 2094, 2097, 2100, 2103, 2106, 2109, 2112, 2115, 2118, 2121, 2124, 2127, 2130, 2133, 2136, 2139, 2142, 2145, 2148, 2151, 2154, 2157, 2160, 2163, 2166, 2169, 2172, 2175, 2178, 2181, 2184, 2187, 2190, 2193, 2196, 2199, 2202, 2205, 2208, 2211, 2214, 2217, 2220, 2223, 2226, 2229, 2232, 2235, 2238, 2241, 2244, 2247, 2250, 2253, 2256, 2259, 2262, 2265, 2268, 2271, 2274, 2277, 2280, 2283, 2286, 2289, 2292, 2295, 2298, 2301, 2304, 2307, 2310, 2313, 2316, 2319, 2322, 2325, 2328, 2331, 2334, 2337, 2340, 2343, 2346, 2349, 2352, 2355, 2358, 2361, 2364, 2367, 2370, 2373, 2376, 2379, 2382, 2385, 2388, 2391, 2394, 2397, 2400, 2403, 2406, 2409, 2412, 2415, 2418, 2421, 2424, 2427, 2430, 2433, 2436, 2439, 2442, 2445, 2448, 2451, 2454, 2457, 2460, 2463, 2466, 2469, 2472, 2475, 2478, 2481, 2484, 2487, 2490, 2493, 2496, 2499, 2502, 2505, 2508, 2511, 2514, 2517, 2520, 2523, 2526, 2529, 2532, 2535, 2538, 2541, 2544, 2547, 2550, 2553, 2556, 2559, 2562, 2565, 2568, 2571, 2574, 2577, 2580, 2583, 2586, 2589, 2592, 2595, 2598, 2601, 2604, 2607, 2610, 2613, 2616, 2619, 2622, 2625, 2628, 2631, 2634, 2637, 2640, 2643, 2646, 2649, 2652, 2655, 2658, 2661, 2664, 2667, 2670, 2673, 2676, 2679, 2682, 2685, 2688, 2691, 2694, 2697, 2700, 2703, 2706, 2709, 2712, 2715, 2718, 2721, 2724, 2727, 2730, 2733, 2736, 2739, 2742, 2745, 2748, 2751, 2754, 2757, 2760, 2763, 2766, 2769, 2772, 2775, 2778, 2781, 2784, 2787, 2790, 2793, 2796, 2799, 2802, 2805, 2808, 2811, 2814, 2817, 2820, 2823, 2826, 2829, 2832, 2835, 2838, 2841, 2844, 2847, 2850, 2853, 2856, 2859, 2862, 2865, 2868, 2871, 2874, 2877, 2880, 2883, 2886, 2889, 2892, 2895, 2898, 2901, 2904, 2907, 2910, 2913, 2916, 2919, 2922, 2925, 2928, 2931, 2934, 2937, 2940, 2943, 2946, 2949, 2952, 2955, 2958, 2961, 2964, 2967, 2970, 2973, 2976, 2979, 2982, 2985, 2988, 2991, 2994, 2997, 3000, 3003, 3006, 3009, 3012, 3015, 3018, 3021, 3024, 3027, 3030, 3033, 3036, 3039, 3042, 3045, 3048, 3051, 3054, 3057, 3060, 3063, 3066, 3069, 3072, 3075, 3078, 3081, 3084, 3087, 3090, 3093, 3096, 3099, 3102, 3105, 3108, 3111, 3114, 3117, 3120, 3123, 3126, 3129, 3132, 3135, 3138, 3141, 3144, 3147, 3150, 3153, 3156, 3159, 3162, 3165, 3168, 3171, 3174, 3177, 3180, 3183, 3186, 3189, 3192, 3195, 3198, 3201, 3204, 3207, 3210, 3213, 3216, 3219, 3222, 3225, 3228, 3231, 3234, 3237, 3240, 3243, 3246, 3249, 3252, 3255, 3258, 3261, 3264, 3267, 3270, 3273, 3276, 3279, 3282, 3285, 3288, 3291, 3294, 3297, 3300, 3303, 3306, 3309, 3312, 3315, 3318, 3321, 3324, 3327, 3330, 3333, 3336, 3339, 3342, 3345, 3348, 3351, 3354, 3357, 3360, 3363, 3366, 3369, 3372, 3375, 3378, 3381, 3384, 3387, 3390, 3393, 3396, 3399, 3402, 3405, 3408, 3411, 3414, 3417, 3420, 3423, 3426, 3429, 3432, 3435, 3438, 3441, 3444, 3447, 3450, 3453, 3456, 3459, 3462, 3465, 3468, 3471, 3474, 3477, 3480, 3483, 3486, 3489, 3492, 3495, 3498, 3501, 3504, 3507, 3510, 3513, 3516, 3519, 3522, 3525, 3528, 3531, 3534, 3537, 3540, 3543, 3546, 3549, 3552, 3555, 3558, 3561, 3564, 3567, 3570, 3573, 3576, 3579, 3582, 3585, 3588, 3591, 3594, 3597, 3600, 3603, 3606, 3609, 3612, 3615, 3618, 3621, 3624, 3627, 3630, 3633, 3636, 3639, 3642, 3645, 3648, 3651, 3654, 3657, 3660, 3663, 3666, 3669, 3672, 3675, 3678, 3681, 3684, 3687, 3690, 3693, 3696, 3699, 3702, 3705, 3708, 3711, 3714, 3717, 3720, 3723, 3726, 3729, 3732, 3735, 3738, 3741, 3744, 3747, 3750, 3753, 3756, 3759, 3762, 3765, 3768, 3771, 3774, 3777, 3780, 3783, 3786, 3789, 3792, 3795, 3798, 3801, 3804, 3807, 3810, 3813, 3816, 3819, 3822, 3825, 3828, 3831, 3834, 3837, 3840, 3843, 3846, 3849, 3852, 3855, 3858, 3861, 3864, 3867, 3870, 3873, 3876, 3879, 3882, 3885, 3888, 3891, 3894, 3897, 3900, 3903, 3906, 3909, 3912, 3915, 3918, 3921, 3924, 3927, 3930, 3933, 3936, 3939, 3942, 3945, 3948, 3951, 3954, 3957, 3960, 3963, 3966, 3969, 3972, 3975, 3978, 3981, 3984, 3987, 3990, 3993, 3996, 3999, 4002, 4005, 4008, 4011, 4014, 4017, 4020, 4023, 4026, 4029, 4032, 4035, 4038, 4041, 40

09/27/21 9:00^P

OrderID: 012111082



Lead Chain of Custody

EMSL Chain Number (Lab Use Only)

EMSL Analytical, Inc.
280 Route 150 North
Cranford, NJ 08817

EMSL ANALYTICAL, INC.
SERVING LABORATORIES - FURNACE

012111082

PHONE (908) 233-9675

EMAIL: CustomerService@emsl.com

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
01	Middle School / Room 215 Sink - E.C.	250 mL	9/24/21 7:06
02	Room 215 Sink - E.C.		7:01
03	Sink E.C.		7:02
04	Sink E.C.		7:03
05	Sink E.C.		7:04
06	Right Sink E.C.		7:05
07	Hallway water fountain (left) across from RM 210 - NC		7:06
08	Hallway water fountain (right) across from RM 210 - NC		7:10
09	Hallway water fountain (left) across from RM 203 - DW		7:11
10	Hallway water fountain (right) across from RM 203 - DW		7:13
11	Kitchen Sink - RF Room 119.		7:21
12	Hallway water fountain (left) across from RM 103 - DW		7:27
13	Hallway water fountain (right) across from RM 103 - DW		7:28
14	Hallway water fountain near Room 110 - CW		7:28
15	Field Blank -		7:38

Prepared by: *[Signature]* Date: 9/20/21 Time: 12:00
Reviewed by: _____ Date: _____
Accepted by: _____ Date: _____

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 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 555-4571 Email: EnvChemistry@emsl.com

Attn:

Lab

10/8/2021

Omega Environmental Services

280 Huyler Street

South Hackensack, NJ 07606

Phone: (201) 489-8700

Fax: (201) 489-8797

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/27/2021. The results are tabulated on the attached data pages for the following client designated project:

21-1236

The reference number for these samples is EMSL Order #012111089. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00387, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

Page 1 of 5

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fac: (856) 303-2500 / (856) 658-4571
<http://www.EMSL.com> EnvChemistry@emsl.com

EMSL Order: 012111052
 CustomerID: OMEG50
 CustomerPO: 21-1236
 ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-5700
 Fax: (201) 489-5767
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 01 High School Boys Locker Room Fountain - DW		Collected: 9/24/2021 6:30:00 AM		Lab ID: 012111069-0001	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	8.62	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 15:43
Client Sample Description 02 High School Trainers Office Ice Machine - IM		Collected: 9/24/2021 6:31:00 AM		Lab ID: 012111069-0002	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 15:51
Client Sample Description 03 High School Trainers Office Ice Machine Hose - IM		Collected: 9/24/2021 6:32:00 AM		Lab ID: 012111069-0003	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.98	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 15:52
Client Sample Description 04 High School Water Chiller @ Main Entrance in Hall - CW		Collected: 9/24/2021 6:33:00 AM		Lab ID: 012111069-0004	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 15:54
Client Sample Description 05 High School 2nd Floor Girls Locker Rm Fountain - DW		Collected: 9/24/2021 6:34:00 AM		Lab ID: 012111069-0005	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	15.3	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 15:55

ChemSmpIn/RDL/NELAC-2.10.0.0 Printed: 10/8/2021 1:22:59 PM

Page 2 of 5

**EMSL Analytical, Inc.**

200 Route 130 North, Clarks Summit, NJ 08077
 Phone/Fax: (656) 303-2500 / (656) 858-4571
<http://www.EMSL.com> EnvChemistry@emsl.com

EMSL Order: 012111082
 CustomerID: OMEG50
 CustomerPO: 21-1236
 ProjectID:

Addr: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8707
 Received: 9/27/2021 02:00 AM

Project: 21-1236

Analytical Results

Client Sample Description		D6 High School Water Chiller in Hall Near Girls Locker Room - CW	Collected:	9/24/2021 6:35:00 AM	Lab ID:	012111069-0006	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L	10/6/2021	VD	10/6/2021	VD
Client Sample Description		D7 High School Kitchen Food Prep Sink Near Stove - FP	Collected:	9/24/2021 6:36:00 AM	Lab ID:	012111069-0007	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	4.22	1.00 µg/L	10/6/2021	VD	10/6/2021	VD
Client Sample Description		D8 High School Kitchen Food Prep Sink Near Fridge - FP	Collected:	9/24/2021 6:37:00 AM	Lab ID:	012111069-0008	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	5.53	1.00 µg/L	10/6/2021	VD	10/6/2021	VD
Client Sample Description		D9 High School Chiller in Hallway Near Boys Bathroom - CW	Collected:	9/24/2021 6:38:00 AM	Lab ID:	012111069-0009	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L	10/6/2021	VD	10/6/2021	VD
Client Sample Description		D10 High School Teachers Lounge Sink - TL	Collected:	9/24/2021 6:39:00 AM	Lab ID:	012111069-0010	
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	2.57	1.00 µg/L	10/6/2021	VD	10/6/2021	VD

ChemSmpIw/RDL/NELAC-2.12.0.0 Printed: 10/6/2021 1:32:59 PM

Page 3 of 5

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 659-4571
<http://www.EMSL.com> EnvChemistry@EMSL.com

EMSL Order: 012111069
 CustomerID: OMEG50
 CustomerPO: 21-1236
 ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-5700
 Fax: (201) 489-5797
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description		11	Collected:		9/24/2021 8:40:00 AM	Lab ID:		012111069-0011
		High School Room 305 Sink - FP						
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	1.95	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	15:04
Client Sample Description		12	Collected:		9/24/2021 8:41:00 AM	Lab ID:		012111069-0012
		High School Media Center Sink						
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	1.47	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	15:11
Client Sample Description		13	Collected:		9/24/2021 8:42:00 AM	Lab ID:		012111069-0013
		High School Nurse's Office Sink - NS						
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	4.45	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	15:13
Client Sample Description		14	Collected:		9/24/2021 8:43:00 AM	Lab ID:		012111069-0014
		High School Room 114 Main Office Sink - TL						
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	7.60	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	15:14
Client Sample Description		15	Collected:		9/24/2021 8:44:00 AM	Lab ID:		012111069-0015
		High School Chiller in Hallway Near Room 114 - CW						
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	ND	1.00 µg/L	10/6/2021	VD	10/6/2021	VD	15:15

**EMSL Analytical, Inc.**

206 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 558-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012111069
 CustomerID: OMEG50
 CustomerPO: 21-1236
 ProjectID:

Attn: Lab
 Omega Environmental Services
 280 Huyler Street
 South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8707
 Received: 9/27/2021 09:00 AM

Project: 21-1236

Analytical Results

Client Sample Description 16		Collected: 9/24/2021		Lab ID: 012111069-0016	
High School Snack Stand Sink - FP		6:45:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.08	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 10:17

Client Sample Description 17		Collected: 9/24/2021		Lab ID: 012111069-0017	
Field Blank		6:00:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/6/2021 VD	10/6/2021 VD 10:19

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

OrderID: 012111069

EMSL ANALYTICAL, INC.
TESTING LABORATORY • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

01211069

EMSL Analytical, Inc.
280 Route 130 North
Cranston, NJ 08577

PHONE: (800) 220-3675

EMAIL: info@emsl-analytical.com

Customer ID		Billing ID																																																																																																																																																		
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<table border="1"> <thead> <tr> <th>MATRIX</th> <th>METHOD</th> <th>INSTRUMENT</th> <th>REPORTING LIMIT</th> <th>SELECTION</th> </tr> </thead> <tbody> <tr> <td rowspan="2">COPPER</td> <td>SW 846-TD009</td> <td>Flame Atomic Absorption</td> <td>0.005% (ppm)</td> <td>☐</td> </tr> <tr> <td>SW 846-80100*</td> <td>ICP-OES</td> <td>0.0004% (ppm)</td> <td>☐</td> </tr> <tr> <td rowspan="2">NICKEL</td> <td>NIOSH 7000</td> <td>Flame Atomic Absorption</td> <td>Aug 100</td> <td>☐</td> </tr> <tr> <td>NIOSH 7000K / NIOSH 7000M</td> <td>ICP-OES</td> <td>C50000</td> <td>☐</td> </tr> <tr> <td rowspan="2">NICKEL</td> <td>NIOSH 7000M / NIOSH 7000K</td> <td>ICP-AES</td> <td>C50000</td> <td>☐</td> </tr> <tr> <td>SW 846-TD009</td> <td>Flame Atomic Absorption</td> <td>Aug 100</td> <td>☐</td> </tr> <tr> <td rowspan="2">WIPER</td> <td>SW 846-80100*</td> <td>ICP-OES</td> <td>1.00000</td> <td>☐</td> </tr> <tr> <td>SW 846-1311 / TD008 / SW 3111B</td> <td>Flame Atomic Absorption</td> <td>0.4 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td rowspan="2">TCLF</td> <td>SW 846-1311 / SW 846-80100*</td> <td>ICP-OES</td> <td>0.1 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td>SW 846-1312 / TD008 / SW 3111E</td> <td>Flame Atomic Absorption</td> <td>0.4 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td rowspan="2">SPCF</td> <td>SW 846-1312 / SW 846-80100*</td> <td>ICP-OES</td> <td>0.1 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td>22 CFR App. B, SW 846-80100*</td> <td>Flame Atomic Absorption</td> <td>40mg/kg (ppm)</td> <td>☐</td> </tr> <tr> <td rowspan="2">TCLC</td> <td>22 CFR App. B, SW 846-80100*</td> <td>ICP-OES</td> <td>2mg/kg (ppm)</td> <td>☐</td> </tr> <tr> <td>22 CFR App. B, SW 846-80100*</td> <td>Flame Atomic Absorption</td> <td>0.4 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td rowspan="2">STLC</td> <td>22 CFR App. B, SW 846-80100*</td> <td>ICP-OES</td> <td>0.1 mg/L (ppm)</td> <td>☐</td> </tr> <tr> <td>22 CFR App. B, SW 846-80100*</td> <td>Flame Atomic Absorption</td> <td>40mg/kg (ppm)</td> <td>☐</td> </tr> <tr> <td 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(ppm)	☐	SW 846-1312 / TD008 / SW 3111E	Flame Atomic Absorption	0.4 mg/L (ppm)	☐	SPCF	SW 846-1312 / SW 846-80100*	ICP-OES	0.1 mg/L (ppm)	☐	22 CFR App. B, SW 846-80100*	Flame Atomic Absorption	40mg/kg (ppm)	☐	TCLC	22 CFR App. B, SW 846-80100*	ICP-OES	2mg/kg (ppm)	☐	22 CFR App. B, SW 846-80100*	Flame Atomic Absorption	0.4 mg/L (ppm)	☐	STLC	22 CFR App. B, SW 846-80100*	ICP-OES	0.1 mg/L (ppm)	☐	22 CFR App. B, SW 846-80100*	Flame Atomic Absorption	40mg/kg (ppm)	☐	Soil	SW 846-80100*	ICP-OES	2mg/kg (ppm)	☐	SW 846-80100*	ICP-OES	2mg/kg (ppm)	☐	Wastewater	SW 3111B / SW 846-TD009	Flame Atomic Absorption	0.4 mg/L (ppm)	☐	SW 846-80100*	ICP-OES	0.005 mg/L (ppm)	☐	Unpreserved	EPA 200.7	ICP-OES	0.005 mg/L (ppm)	☐	EPA 200.8	ICP-OES	0.005 mg/L (ppm)	☐	Drinking Water	EPA 200.8	ICP-OES	0.005 mg/L (ppm)	☐	EPA 200.8	ICP-OES	0.005 mg/L (ppm)	☐	Unpreserved	EPA 200.8	ICP-OES	0.005 mg/L (ppm)	☐	EPA 200.8	ICP-OES	0.005 mg/L (ppm)	☐	Preserved with HNO3	EPA 200.8	ICP-OES	0.005 mg/L (ppm)	☐	EPA 200.8	ICP-OES	0.005 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Lab Use Only - DO NOT WRITE HERE

*NIOES Available Upon Request

☐ I 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.

Page 1 of 2

Fuljiam 09/27/12 9:00

17

OrderID: 012111069

EML ANALYTICAL, INC.
TESTING LABOR - PRESENTATION - TRAINING

Lead Chain of Custody

EML Analytical, Inc. (EML)

EML Analytical, Inc.
280 Route 130 North
Cinnaminson, NJ 08077

012/11069

PHONE: (800) 220-3675

EMAIL: CustomerService@eml.com

Additional Detail of the Chain of Custody is only necessary if needed for additional sample information.

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

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
01	High School Boys Locker Room Fountain - DW	250 mL	9/24/26:30
02	Trainers office Ice machine - TM		6:31
03	Trainers office Ice machine Hose - TM		6:32
04	Water chiller @ main entrance in Hall - CW		6:33
05	2nd Floor sink locker Rm Fountain - DW		6:34
06	Water chiller in Hall near girls locker Room - CW		6:35
07	Kitchen food prep sink near stage - FP		6:36
08	Kitchen food prep sink near stage - FP		6:37
09	Chiller in hallway near boys Bathroom - CW		6:38
10	Teachers lounge sink - TL		6:39
11	Room 305 sink - TP		6:40
12	Media center sink		6:41
13	Nurse's office sink - NS		6:42
14	Room 114 main office sink - TL		6:43
15	Chiller in hallway near Room 114 - CW		6:44
16	Snack stand sink - FP		6:45
17	Field Blank		6:46

Name of Shipper

Signature/Signature Upon Receipt

Requested by

Date/Time

Received by

Date/Time

Requested by

Date/Time

Received by

Date/Time

Signature/Signature Upon Receipt (Date/Time)



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

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