



LEAD IN POTABLE WATER SCREENING REPORT

INVESTIGATION FOR: Gerry Mihalitsianos
Hasbrouck Heights BOE
379 Boulevard
Hasbrouck Heights, NJ 07604

SITE INVESTIGATED: High School/Middle School
379 Boulevard
Hasbrouck Heights, NJ 07604

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

INVESTIGATION
CONDUCTED: 2/2/2022

DATE OF REPORT: 3/18/2022

(Omega Project # 22-1068)

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 Hasbrouck Heights Board of Education requested representative lead in water testing of potable water outlets at the High School/Middle School located at 379 Boulevard, Hasbrouck Heights, NJ 07604.

Previous Testing (10/17/2017)

On October 17, 2017, Omega performed a follow-up testing of a few representative outlets. First draw and flush samples (30 second) were collected at two (2) water coolers. All of these sample results were below 15 ppb.

See report dated October 31, 2017.

Current Testing (2/2/2022)

In order to comply with the NJDEP *Lead in Drinking Water at Schools Facilities (April 2021)*, a full testing of all potable outlets was performed on February 2, 2022.

Reportedly the outlets were flushed the day prior to sampling.

The following outlets were not flushed and not tested during this round:

- Left, Water Cooler 2nd Fl. Media Center
- Right, Water Cooler 2nd Fl. Media Center

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

Results of most first draw samples analyzed were below the Lead and Copper Rule action level of 15 µg/L. Two (2) first draw samples and the associated flush samples were above 15 µg/L. Positive first draw samples represent Lead in fixtures while ‘flush’ samples represent plumbing lines.

See Section 3 Discussion of Results

Applicable Corrective Action

The positive outlets should be taken out of service until remediation is performed and outlets re-tested.

Water Management/Plumbing Plan

A Lead in Water Sampling Plan exists for the High School/Middle School.

1 RESULTS TABLE:

Sample #	Type	Location	1 st draw (FD) or flush (FL)	Lead	
				Results (µg/L)	LCR Action Level ⁽¹⁾ (µg/L)
01 FD	Water Chiller	3 rd Floor Water Chiller Across from Room 310	FD	ND	15
02 FL	Water Chiller	3 rd Floor Water Chiller Across from Room 310	FL	ND	15
03 FD	Water Chiller	3 rd Floor Water Chiller Across from Room 309	FD	1.88	15
04 FL	Water Chiller	3 rd Floor Water Chiller Across from Room 309	FL	3.63	15
05 FD	Water Chiller	Bottle Fill Water Chiller Next to Nurse's Office, 2 nd Floor	FD	ND	15
06 FL	Water Chiller	Bottle Fill Water Chiller Next to Nurse's Office, 2 nd Floor	FL	ND	15
07 FD	Nurse's Sink	2 nd Floor Nurse's Office Sink	FD	3.34	15
08 FL	Nurse's Sink	2 nd Floor Nurse's Office Sink	FL	1.80	15
09 FD	Water Chiller	2 nd Floor Water Chiller Across from Room 400A-C	FD	18.5	15
10 FL	Water Chiller	2 nd Floor Water Chiller Across from Room 400A-C	FL	22.5	15
11 FD	Water Chiller	2 nd Floor Water Chiller Next to Room 203	FD	ND	15
12 FL	Water Chiller	2 nd Floor Water Chiller Next to Room 203	FL	ND	15
13 FD	Water Chiller	2 nd Floor Bottle Fill Station in Old Gym	FD	ND	15
14 FL	Water Chiller	2 nd Floor Bottle Fill Station in Old Gym	FL	ND	15
15 FD	Water Chiller	2 nd Floor Bottle Fill Station Across from Room 26	FD	ND	15
16 FL	Water Chiller	2 nd Floor Bottle Fill Station Across from Room 26	FL	ND	15
17 FD	Kitchen Sink	1 st Floor Kitchen Prep Sink	FD	2.41	15
18 FL	Kitchen Sink	1 st Floor Kitchen Prep Sink	FL	ND	15
19 FD	Kitchen Sink	1 st Floor Kitchen Dish Washing Sink, Left	FD	1.60	15
20 FL	Kitchen Sink	1 st Floor Kitchen Dish Washing Sink, Left	FL	ND	15
21 FD	Kitchen Sink	1 st Floor Kitchen Dish Washing Sink, Right	FD	ND	15
22 FL	Kitchen Sink	1 st Floor Kitchen Dish Washing Sink, Right	FL	ND	15
23 FD	Water Chiller	1 st Floor Water Chiller in Cafeteria	FD	16.7	15
24 FL	Water Chiller	1 st Floor Water Chiller in Cafeteria	FL	18.8	15
25 FD	Ice Machine	1 st Floor Ice Machine in Supply Closet in Cafeteria	FD	ND	15

26 FL	Ice Machine	1 st Floor Ice Machine in Supply Closet in Cafeteria	FL	ND	15
27 FD	Pot Filler	1 st Floor Pot Filler Station in Supply Closet in Cafeteria	FD	ND	15
28 FL	Pot Filler	1 st Floor Pot Filler Station in Supply Closet in Cafeteria	FL	ND	15
29 FD	Water Chiller	1 st Floor Bottle Fill Station Across from New Gym	FD	ND	15
30 FL	Water Chiller	1 st Floor Bottle Fill Station Across from New Gym	FL	ND	15
31 FD	Hose Bib	Cold Supply	FD	-	15
32 BL	Blank	Field Blank	BL	ND	---

⁽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 (HNO₃) as a preservative.

(Flush Samples) – After the 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. in Cinnaminson, NJ for total lead in potable water analysis (method E200.8 IOC).

3 DISCUSSION OF RESULTS:

Results of most first draw samples analyzed were below the Lead and Copper Rule action level of 15 µg/L. Two (2) first draw samples and the associated flush samples were above 15 µg/L. Positive first draw samples represent Lead in fixtures while ‘flush’ samples represent plumbing lines.

4 RECOMMENDATIONS:

Short term:

- Take any outlets with elevated results out of service.
- If required provide other source of water (such as bottled) while the fountains are out of service.
- Consider replacing the fixtures with elevated results. Since some of the flush sample results were also above 15 µg/L, fixture replacement should include supply piping to the wall. Re-test outlets prior to returning to normal service.

Contact Omega Environmental to discuss specific recommendations.

Long Term:

- **If additional testing shows similar results (first draw results above 15 µg/L) 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.

A. Lead in Water Laboratory Reports



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 658-4571 Email: EnvChemistry2@emsl.com

Attn:

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

3/9/2022

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

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 2/23/2022. The results are tabulated on the attached data pages for the following client designated project:

22-1068 Hasbrouck Heights BOE-High School & Middle School

The reference number for these samples is EMSL Order #012202999. 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:

Owen McKenna, 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 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.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012202999
 CustomerID: OMEG50
 CustomerPO:
 ProjectID:

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

Phone: (201) 489-8700
 Fax: (201) 489-8797
 Received: 2/23/2022 09:00 AM

Project: 22-1068 Hasbrouck Heights BOE-High School & Middle School

Analytical Results

Client Sample Description	Parameter	Result	RL Units	Collected:	Prep Date & Analyst	Lab ID:	Analysis Date & Analyst
HSMS 01 FD 3rd Floor Water Chiller Across from Room 310				2/2/2022 8:36:00 AM		012202999-0001	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM		3/7/2022 17:55 VD
HSMS 02 FL 3rd Floor Water Chiller Across from Room 310				2/2/2022 8:37:00 AM		012202999-0002	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM		3/7/2022 17:59 VD
HSMS 03 FD 3rd Floor Water Chiller Across from Room 309				2/2/2022 8:38:00 AM		012202999-0003	
METALS							
200.8	Lead	1.88	1.00 µg/L		3/4/2022 JM		3/7/2022 18:01 VD
HSMS 04 FL 3rd Floor Water Chiller Across from Room 309				2/2/2022 8:39:00 AM		012202999-0004	
METALS							
200.8	Lead	3.63	1.00 µg/L		3/4/2022 JM		3/7/2022 18:02 VD
HSMS 05 FD Bottle Fill Water Chiller Next to Nurse's Office, 2nd Floor				2/2/2022 8:43:00 AM		012202999-0005	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM		3/7/2022 18:04 VD

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Phone: (201) 489-8700
 Fax: (201) 489-8797
 Received: 2/23/2022 09:00 AM

Project: 22-1068 Hasbrouck Heights BOE-High School & Middle School

Analytical Results

Client Sample Description HSMS 06 FL
 Bottle Fill Water Chiller Next to Nurse's Office, 2nd Floor
Collected: 2/2/2022 8:44:00 AM
Lab ID: 012202999-0006

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

200.8	Lead	ND	1.00 µg/L	3/4/2022 JM	3/7/2022 18:05 VD
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Client Sample Description HSMS 07 FD
 Nurse's Office Sink, 2nd Floor
Collected: 2/2/2022 8:46:00 AM
Lab ID: 012202999-0007

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

200.8	Lead	3.34	1.00 µg/L	3/4/2022 JM	3/7/2022 18:07 VD
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Client Sample Description HSMS 08 FL
 Nurse's Office Sink, 2nd Floor
Collected: 2/2/2022 8:47:00 AM
Lab ID: 012202999-0008

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

200.8	Lead	1.80	1.00 µg/L	3/4/2022 JM	3/7/2022 18:12 VD
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Client Sample Description HSMS 09 FD
 2nd Floor Water Chiller Across from Room 400 A-C
Collected: 2/2/2022 8:51:00 AM
Lab ID: 012202999-0009

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

200.8	Lead	18.5	1.00 µg/L	3/4/2022 JM	3/7/2022 18:13 VD
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Client Sample Description HSMS 10 FL
 2nd Floor Water Chiller Across from Room 400 A-C
Collected: 2/2/2022 8:52:00 AM
Lab ID: 012202999-0010

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

200.8	Lead	22.5	1.00 µg/L	3/4/2022 JM	3/7/2022 18:15 VD
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EMSL Order: 012202999
 CustomerID: OMEG50
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Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8797
 Received: 2/23/2022 09:00 AM

Project: 22-1068 Hasbrouck Heights BOE-High School & Middle School

Analytical Results

Client Sample Description	Parameter	Result	RL Units	Collected:	Prep Date & Analyst	Analysis Date & Analyst	Lab ID:
HSMS 11 FD 2nd Floor Water Chiller Next to Room 203				2/2/2022 8:58:00 AM			012202999-0011
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM	3/7/2022 18:16	VD
HSMS 12 FL 2nd Floor Water Chiller Next to Room 203				2/2/2022 8:59:00 AM			012202999-0012
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM	3/7/2022 18:21	VD
HSMS 13 FD 2nd Floor Bottle Fill Station in Old Gym				2/2/2022 9:01:00 AM			012202999-0013
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM	3/7/2022 18:23	VD
HSMS 14 FL 2nd Floor Bottle Fill Station in Old Gym				2/2/2022 9:02:00 AM			012202999-0014
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM	3/7/2022 18:24	VD
HSMS 15 FD 2nd Floor Bottle Fill Station Across from Room 28				2/2/2022 9:05:00 AM			012202999-0015
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM	3/7/2022 18:26	VD

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Phone: (201) 489-8700
 Fax: (201) 489-8797
 Received: 2/23/2022 09:00 AM

Project: 22-1068 Hasbrouck Heights BOE-High School & Middle School

Analytical Results

Client Sample Description HSMS 16 FL
 2nd Floor Bottle Fill Station Across from Room 26
Collected: 2/2/2022 9:06:00 AM
Lab ID: 012202999-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	3/4/2022 JM	3/7/2022 18:30 VD

Client Sample Description HSMS 17 FD
 1st Floor Kitchen Prep Sink
Collected: 2/2/2022 9:13:00 AM
Lab ID: 012202999-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.41	1.00 µg/L	3/4/2022 JM	3/7/2022 18:32 VD

Client Sample Description HSMS 18 FL
 1st Floor Kitchen Prep Sink
Collected: 2/2/2022 9:14:00 AM
Lab ID: 012202999-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	3/4/2022 JM	3/7/2022 18:34 VD

Client Sample Description HSMS 19 FD
 1st Floor Kitchen Dish Washing Sink, Left
Collected: 2/2/2022 9:15:00 AM
Lab ID: 012202999-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.60	1.00 µg/L	3/4/2022 JM	3/7/2022 18:35 VD

Client Sample Description HSMS 20 FL
 1st Floor Kitchen Dish Washing Sink, Left
Collected: 2/2/2022 9:16:00 AM
Lab ID: 012202999-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	3/4/2022 JM	3/7/2022 18:37 VD



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 CustomerID: OMEG50
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Attn: **Lab** Phone: (201) 489-8700
Omega Environmental Services Fax: (201) 489-8797
280 Huyler Street Received: 2/23/2022 09:00 AM
South Hackensack, NJ 07606

Project: 22-1068 Hasbrouck Heights BOE-High School & Middle School

Analytical Results

Client Sample Description HSMS 21 FD Collected: 2/2/2022 Lab ID: 012202999-0021
 1st Floor Kitchen Dish Washing Sink, Right 9:17:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	3/4/2022 JM	3/7/2022 18:43 VD

Client Sample Description HSMS 22 FL Collected: 2/2/2022 Lab ID: 012202999-0022
 1st Floor Kitchen Dish Washing Sink, Right 9:17:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	3/4/2022 JM	3/7/2022 18:51 VD

Client Sample Description HSMS 23 FD Collected: 2/2/2022 Lab ID: 012202999-0023
 1st Floor Water Chiller in Cafeteria 9:19:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	16.7	1.00 µg/L	3/4/2022 JM	3/7/2022 18:52 VD

Client Sample Description HSMS 24 FL Collected: 2/2/2022 Lab ID: 012202999-0024
 1st Floor Water Chiller in Cafeteria 9:20:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	18.8	1.00 µg/L	3/4/2022 JM	3/7/2022 18:54 VD

Client Sample Description HSMS 25 FD Collected: 2/2/2022 Lab ID: 012202999-0025
 1st Floor Ice Machine in Supply Closet in Cafeteria 9:24:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	3/4/2022 JM	3/7/2022 18:55 VD

**EMSL Analytical, Inc.**

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Omega Environmental Services
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South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8797
 Received: 2/23/2022 09:00 AM

Project: 22-1068 Hasbrouck Heights BOE-High School & Middle School

Analytical Results

Client Sample Description	Parameter	Result	RL Units	Collected:	Prep Date & Analyst	Analysis Date & Analyst	Lab ID:
HSMS 26 FL 1st Floor Ice Machine in Supply Closet in Cafeteria				2/2/2022 9:25:00 AM			012202999-0026
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM	3/7/2022 18:57	VD
HSMS 27 FD 1st Floor Pot Filler Station in Supply Closet in Cafeteria				2/2/2022 9:28:00 AM			012202999-0027
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM	3/7/2022 18:59	VD
HSMS 28 FL 1st Floor Pot Filler Station in Supply Closet in Cafeteria				2/2/2022 9:29:00 AM			012202999-0028
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM	3/7/2022 19:00	VD
HSMS 29 FD 1st Floor Bottle Fill Station Across from New Gym				2/2/2022 9:36:00 AM			012202999-0029
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM	3/7/2022 19:02	VD
HSMS 30 FL 1st Floor Bottle Fill Station Across from New Gym				2/2/2022 9:37:00 AM			012202999-0030
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L		3/4/2022 JM	3/7/2022 19:03	VD



EMSL Analytical, Inc.
 200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012202999
 CustomerID: OMEG50
 CustomerPO:
 ProjectID:

Attn: **Lab** Phone: (201) 489-8700
Omega Environmental Services Fax: (201) 489-8797
280 Huyler Street Received: 2/23/2022 09:00 AM
South Hackensack, NJ 07606

Project: 22-1068 Hasbrouck Heights BOE-High School & Middle School

Analytical Results

Client Sample Description HSMS 32 Field Blank **Collected:** 2/2/2022 **Lab ID:** 012202999-0031
 Field Blank 12:36:00 PM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	3/4/2022 JM	3/7/2022 19:11 VD

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: 012202999



Lead Chain of Custody

EMSL Order Number / Lab Use Only

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

012202999

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

EMSL ANALYTICAL, INC.
TESTING LABS - PRODUCTS - TRAINING

Customer Information and Billing Information sections containing company name, address, and contact details for Omega Environmental Services.

Project Information section including Project Name (22-1068 Hasbrouck Heights BOE- High School & Middle School), location, and sampling details.

Turn-Around-Time (TAT) section with radio button options for 3 Hour, 5 Hour, 24 Hour, 32 Hour, 48 Hour, 72 Hour, 96 Hour, 1 Week, and 2 Week.

Table with columns: MATRIX, METHOD, INSTRUMENT, REPORTING LIMIT, SELECTION. Lists various testing methods like CHIPS, AIR, WIPE, TCLP, SPLP, TTLC, STLC, Soil, Wastewater, Drinking Water, and TSP/SPM Filter.

Other: section with empty boxes for additional information.

Table with columns: Sample Number, Sample Location, Volume / Area, Date / Time Sampled. Includes a note: 'Samples begin on the following page.'

Method of Shipment (Pick up) and Sample Condition Upon Receipt section.

Relinquished by and Received by sections with signatures and dates.

Controlled Document - CDC-25 Lead R18 6/18/2021
*8010C 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.

Handwritten notes: (3) el in, Py 1 of 3



EMSL ANALYTICAL, INC.
1875 ROUTE 130 NORTH
CHENAMUNSON, NJ 08077

Lead Chain of Custody
EMSL Order Number / Lab User Only

012202999

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

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

PHONE: (800) 220-3675
EMAIL: Chenamunson.lead.ec@emsl.com

Sample Number	Sample Location	Volume / Area	Date / Time Sampled	Notes
1	HSMS 01 FD gnd Floor Water Chiller Across from Room 310	250 mL	8/28/00 8:36	
2	HSMS 02 FL gnd Floor Water Chiller Across from Room 309	250 mL	8:37	
3	HSMS 03 FD gnd Floor Water Chiller Next to Nurse's Office, gnd Floor	250 mL	8:38	
4	HSMS 04 FL gnd Floor Water Chiller Next to Nurse's Office, gnd Floor	250 mL	8:39	
5	HSMS 05 FD gnd Floor Nurse's Office Sink. gnd Floor	250 mL	8:43	
6	HSMS 06 FL gnd Floor Nurse's Office Sink. gnd Floor	250 mL	8:44	
7	HSMS 07 FD gnd Floor Nurse's Office Sink. gnd Floor	250 mL	8:46	
8	HSMS 08 FL gnd Floor Nurse's Office Sink. gnd Floor	250 mL	8:47	
9	HSMS 09 FD gnd Floor Water Chiller Room 440, 400 A-C	250 mL	8:51	
10	HSMS 10 FL gnd Floor Water Chiller Next to Room 203	250 mL	8:52	
11	HSMS 11 FD gnd Floor Water Chiller Next to Room 203	250 mL	8:58	
12	HSMS 12 FL gnd Floor Water Chiller Next to Room 203	250 mL	8:59	
13	HSMS 13 FD gnd Floor Water Chiller Station in Old Esgm.	250 mL	9:01	
14	HSMS 14 FL gnd Floor Water Chiller Station in Old Esgm.	250 mL	9:00	
15	HSMS 15 FD gnd Floor Water Chiller Station Across from Room 206	250 mL	9:05	
16	HSMS 16 FL gnd Floor Water Chiller Station Across from Room 206	250 mL	9:06	
17	HSMS 17 FD 1st Floor Kitchen Prep Sink.	250 mL	9:13	
18	HSMS 18 FL 1st Floor Kitchen Prep Sink.	250 mL	9:14	

Order ID: 012202999

Method of Shipment: Pick Up

Retrieved by: Ross Hernandez

Date/Time Collected: 8/28/00 14:25

Received by:

Date/Time Received:

Sample Condition Upon Receipt:

Page 2 of 3



EMSL ANALYTICAL, INC.
FURNISH LABORATORY SERVICES

012202999

Lead Chain of Custody
EMSL Order Number / Lab Use Only

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

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

PHONE: (800) 220-3675
EMAIL: chromatocust.lead@emsl.com

Sample Number	Sample Location	Volume / Area	Date / Time Sampled	Notes
19	HSMS 19 FD 1st Floor Kitchen Dish Washing Sink, Left	250 mL	9/16/09 9:15	
20	HSMS 20 FL 1st Floor Kitchen Dish Washing Sink, Right	250 mL	9:17	
21	HSMS 21 FD 1st Floor Water Chiller in Cafeteria	250 mL	9:19	
22	HSMS 22 FL 1st Floor Ice Machine in Supply Closet in Cafeteria	250 mL	9:20	Filled up 2 bottles
23	HSMS 23 FD 1st Floor Pot Filler Station in Supply Closet in Cafeteria	250 mL	9:25	
24	HSMS 24 FL 1st Floor Bottle Filler Station across from Mesa Elym.	250 mL	9:26	
25	HSMS 25 FD 1st Floor Bottle Filler Station across from Mesa Elym.	250 mL	9:37	
26	HSMS 26 FL 1st Floor Bottle Filler Station across from Mesa Elym.	250 mL	9:39	
27	HSMS 27 FD 1st Floor Bottle Filler Station across from Mesa Elym.	250 mL	10:36	1st Floor
28	HSMS 28 FL 1st Floor Bottle Filler Station across from Mesa Elym.	250 mL		
29	HSMS 29 FD 1st Floor Bottle Filler Station across from Mesa Elym.	250 mL		
30	HSMS 30 FL 1st Floor Bottle Filler Station across from Mesa Elym.	250 mL		
31	HSMS 31 FD 1st Floor Bottle Filler Station across from Mesa Elym.	250 mL		

OrderID: 012202999

Method of Shipment: Pick up

Requested by: Ross Hernandez

Delivered by: Ross Hernandez

Order Time: 9/16/09 14:20

Received by:

Sample Condition Upon Receipt:

Order Time: 9/16/09 14:20

Received by:

Order Time:

pg 3 of 3