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)

Omega Environmental Services, Inc. 280 Huyler Street - South Hackensack, NJ 07606 - Tel: (201) 489-8700 - Fax: (201)342-5412

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Omega Environmental Services, Inc. 280 Huyler Street - South Hackensack, NJ 07606 - Tel: (201) 489-8700 - Fax: (201)342-5412

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

26 FL	Ice Machine	1st Floor Ice Machine in Supply Closet in Cafeteria	FL	ND	15
27 FD	Pot Filler	1st Floor Pot Filler Station in Supply Closet in Cafeteria	FD	ND	15
28 FL	Pot Filler	1st Floor Pot Filler Station in Supply Closet in Cafeteria	FL	ND	15
29 FD	Water Chiller	1st Floor Bottle Fill Station Across from New Gym	FD	ND	15
30 FL	Water Chiller	1st 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

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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 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

Omega Environmental Services, Inc. 280 Huyler Street - South Hackensack, NJ 07606 - Tel: (201) 489-8700 - Fax: (201)342-5412

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

Attn: **Lab** 3/9/2022

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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 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

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 HSMS 01 FD
3rd Floor Water Chiller Across from Room 310
Collected: 2/2/2022 8:36:00 AM
Lab ID: *012202999-0001*

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 17:55	VD

Client Sample Description HSMS 02 FL
3rd Floor Water Chiller Across from Room 310
Collected: 2/2/2022 8:37:00 AM
Lab ID: *012202999-0002*

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 17:59	VD

Client Sample Description HSMS 03 FD
3rd Floor Water Chiller Across from Room 309
Collected: 2/2/2022 8:38:00 AM
Lab ID: *012202999-0003*

Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
200.8	Lead	1.88	1.00	µg/L	3/4/2022	JM	3/7/2022 18:01	VD

Client Sample Description HSMS 04 FL
3rd Floor Water Chiller Across from Room 309
Collected: 2/2/2022 8:39:00 AM
Lab ID: *012202999-0004*

Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
200.8	Lead	3.63	1.00	µg/L	3/4/2022	JM	3/7/2022 18:02	VD

Client Sample Description HSMS 05 FD
Bottle Fill Water Chiller Next to Nurse's Office, 2nd Floor
Collected: 2/2/2022 8:43:00 AM
Lab ID: *012202999-0005*

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 18:04	VD

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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 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
METALS						
200.8	Lead	ND	1.00	µg/L	3/4/2022 JM	3/7/2022 18:05 VD

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
METALS						
200.8	Lead	3.34	1.00	µg/L	3/4/2022 JM	3/7/2022 18:07 VD

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
METALS						
200.8	Lead	1.80	1.00	µg/L	3/4/2022 JM	3/7/2022 18:12 VD

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
METALS						
200.8	Lead	18.5	1.00	µg/L	3/4/2022 JM	3/7/2022 18:13 VD

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
METALS						
200.8	Lead	22.5	1.00	µg/L	3/4/2022 JM	3/7/2022 18:15 VD

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

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

Analytical Results

Client Sample Description	HSMS 11 FD 2nd Floor Water Chiller Next to Room 203		***Collected:***	2/2/2022 8:58:00 AM	***Lab ID:***	*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

Client Sample Description	HSMS 12 FL 2nd Floor Water Chiller Next to Room 203		***Collected:***	2/2/2022 8:59:00 AM	***Lab ID:***	*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

Client Sample Description	HSMS 13 FD 2nd Floor Bottle Fill Station in Old Gym		***Collected:***	2/2/2022 9:01:00 AM	***Lab ID:***	*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

Client Sample Description	HSMS 14 FL 2nd Floor Bottle Fill Station in Old Gym		***Collected:***	2/2/2022 9:02:00 AM	***Lab ID:***	*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

Client Sample Description	HSMS 15 FD 2nd Floor Bottle Fill Station Across from Room 26		***Collected:***	2/2/2022 9:05:00 AM	***Lab ID:***	*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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200 Route 130 North, Cinnaminson, NJ 08077
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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 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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EMSL Order: 012202999
CustomerID: OMEG50
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Received: 2/23/2022 09:00 AM

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

Analytical Results

Client Sample Description	HSMS 21 FD 1st Floor Kitchen Dish Washing Sink, Right		***Collected:***	2/2/2022 9:17:00 AM	***Lab ID:***	*012202999-0021*
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 1st Floor Kitchen Dish Washing Sink, Right		***Collected:***	2/2/2022 9:17:00 AM	***Lab ID:***	*012202999-0022*
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 1st Floor Water Chiller in Cafeteria		***Collected:***	2/2/2022 9:19:00 AM	***Lab ID:***	*012202999-0023*
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 1st Floor Water Chiller in Cafeteria		***Collected:***	2/2/2022 9:20:00 AM	***Lab ID:***	*012202999-0024*
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 1st Floor Ice Machine in Supply Closet in Cafeteria		***Collected:***	2/2/2022 9:24:00 AM	***Lab ID:***	*012202999-0025*
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

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EMSL Order: 012202999
CustomerID: OMEG50
CustomerPO:
ProjectID:

Attn: Lab
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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 26 FL
1st Floor Ice Machine in Supply Closet in Cafeteria
Collected: 2/2/2022 9:25:00 AM
Lab ID: 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

Client Sample Description HSMS 27 FD
1st Floor Pot Filler Station in Supply Closet in Cafeteria
Collected: 2/2/2022 9:28:00 AM
Lab ID: 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

Client Sample Description HSMS 28 FL
1st Floor Pot Filler Station in Supply Closet in Cafeteria
Collected: 2/2/2022 9:29:00 AM
Lab ID: 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

Client Sample Description HSMS 29 FD
1st Floor Bottle Fill Station Across from New Gym
Collected: 2/2/2022 9:36:00 AM
Lab ID: 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

Client Sample Description HSMS 30 FL
1st Floor Bottle Fill Station Across from New Gym
Collected: 2/2/2022 9:37:00 AM
Lab ID: 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
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http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order:	012202999
CustomerID:	OMEG50
CustomerPO:	
ProjectID:	

Attn: Lab
Omega Environmental Services
280 Huyler Street
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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 32 Field Blank
Field Blank

Collected: 2/2/2022 12:36:00 PM

Lab ID: *012202999-0031*

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

EMSL ANALYTICAL, INC.
TESTING LABS - PRODUCTS - TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only: 012202999

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
EMAIL: CinnaminsonLeadLab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
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
Email(s) for Report:	lab@omega-env.com	Email(s) for Invoice:	ap@omega-env.com

Project Information

Project Name/No: 22-1068 Hasbrouck Heights BOE- High School & Middle School
Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: NJ
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name: Ross Hernandez
Sampled By Signature:
No. of Samples in Shipment: 32.

Turn-Around-Time (TAT)

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

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

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

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
Samples begin on the following page.			

Method of Shipment: Pick up
Sample Condition Upon Receipt:

Relinquished by:	Date/Time:	Received by:	Date/Time:
Ross Hernandez	2/21/22 14:00	2/22/22 8pm	
Relinquished by:	Date/Time:	Received by:	Date/Time:
		Evelyn 2/23/22 9a	

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

*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. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

31 EA in 3 bottles

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EMSL ANALYTICAL, INC.
TESTING LABS · PRODUCTS · TRAINING

01220299

Lead Chain of Custody

EMSL Order Number / Lab Use Only

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

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

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

	Sample Number	Sample Location	Volume / Area	Date / Time Sampled	Notes
1	HSMS 01 FD	3rd Floor Water Chiller Across from Room 310	250 mL	2/8/12 8:36	
2	HSMS 02 FL	↓	250 mL	8:37.	
3	HSMS 03 FD	3rd Floor Water Chiller Across from Room 309	250 mL	8:38	
4	HSMS 04 FL	↓	250 mL	8:39	
5	HSMS 05 FD	Bottle Fill Water Chiller Next to Nurse's Office, 2nd Floor	250 mL	8:43	
6	HSMS 06 FL	↓	250 mL	8:44.	
7	HSMS 07 FD	Nurse's Office Sink. 2nd Floor	250 mL	8:46	
8	HSMS 08 FL.	↓	250 mL	8:47.	
9	HSMS 09 FD	2nd Floor Water Chiller Across from Room 400A-C.	250 mL	8:51	
10	HSMS 10 FL	↓	250 mL	8:52.	
11	HSMS 11 FD	2nd Floor Water Chiller Next to Room 203	250 mL	8:58	
12	HSMS 12 FL.	↓	250 mL	8:59	
13	HSMS 13 FD	2nd Floor Bottle Fill Station in Old Gym.	250 mL	9:01	
14	HSMS 14 FL	↓	250 mL	9:02.	
15	HSMS 15 FD	2nd Floor Bottle Fill Station Across from Room 26	250 mL	9:05	
16	HSMS 16 FL.	↓	250 mL	9:06.	
17	HSMS 17 FD	1st Floor Kitchen Prep Sink.	250 mL	9:13	
18	HSMS 18 FL.	↓	250 mL	↓ 9:14.	

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Method of Shipment: Pick up		Sample Condition Upon Receipt:		
Relinquished by: Ross Hernandez.	Date/Time: 2/2/12 14:00.	Received by:	Date/Time	
Relinquished by:	Date/Time:	Received by:	Date/Time	

OrderID: 01220299

Pg 2 of 3

012202999

EMSL ANALYTICAL, INC.
TESTING LABS - PRODUCTS - TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
EMAIL: CinnaminsonLead.Lab@emsl.com

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

	Sample Number	Sample Location	Volume / Area	Date / Time Sampled	Notes
19	HSMS 19FD	1st Floor Kitchen Dish Washing Sink, Left	250 mL	2/2/22 9:15	
20	HSMS 20FL.	↓	250 mL	9:16	
21	HSMS 21FD	1st Floor Kitchen Dish Washing Sink, Right.	250 mL	9:17	
22	HSMS 22 FL.	↓	250 mL	9:17.	
23	HSMS 23FD	1st Floor Water Chiller in Cafeteria	250 mL	9:19	
24	HSMS 24 FL	↓	250 mL	9:20.	
25	HSMS 25 FD	1st Floor Ice Machine in Supply Closet in Cafeteria	250 mL	9:24	Filled up 2 bottles
26	HSMS 26 FL.	↓	250 mL	9:25	↓
27	HSMS 27FD	1st Floor Pot Filler Station in Supply Closet in Cafeteria.	250 mL	9:28	
28	HSMS 28 FL.	↓	250 mL	9:29.	
29	HSMS 29 FD	1st Floor Bottle Fill Station Across from New Gym.	250 mL	9:36	
30	HSMS 30 FL	↓	250 mL	9:37.	
	~~HSMS 31 FD~~	~~Cold Supply~~	~~250 mL~~		NOT Flushed
31	HSMS 32 Field Blank	Field Blank.	250 mL	12:36	
			250 mL		
			250 mL		
			250 mL		
			250 mL		

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OrderID: 012202999

Method of Shipment: Pick up		Sample Condition Upon Receipt:		
Relinquished by: Ross Hernandez.	Date/Time: 2/2/22 14:00.	Received by:	Date/Time	
Relinquished by:	Date/Time:	Received by:	Date/Time	

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