

# **Lead in Drinking Water First Draw Sampling Report**

**Briarwood Elementary School  
Brook Lake Elementary School  
Ridgedale Middle School**

*Prepared For:*  
**Florham Park School District**  
67 Ridgedale Avenue  
Florham Park, NJ 07932

*Performed By:*  
**AERO Environmental Services Inc.**  
275 Rt 10 East, 220-306 Succasunna, NJ 07876

**Report Date**

May 16, 2022

# **AERO ENVIRONMENTAL SERVICES, INC.**

ENGINEERING • CONSULTING • TESTING

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275 Route 10 East, Suite 220-306 Succasunna, NJ 07876

Telephone (973) 920-9061

Fax (973) 529-0335

May 16, 2022

Mr. John Csatos  
Business Administrator  
Florham Park School District  
67 Ridgedale Avenue  
Florham Park, NJ 07932

**Re: Lead in Drinking Water Report - First Draw Sampling**

Dear Mr. Csatos

Enclosed is the final report for the Lead in Drinking Water Sampling & Analysis conducted for the Florham Park School District. Lead in drinking water sampling was conducted of all active drinking water locations at the following district facilities.

- Briarwood Elementary School
- Brook Lake Elementary School
- Ridgedale Middle School

A total of eighty-two (82) first draw samples, including field blanks, were collected while at each district facility. All first draw samples were analyzed.

All samples were labeled with a unique identification number and transported to EMSL Analytical for analysis for lead in drinking water using EPA Method 200.8

Based on laboratory analysis of all functioning drinking water locations samples analyzed, **zero (0) samples exceeded the action limit.** No remedial action is required. All lead results were below 15 µg/L which is the New Jersey Action Level.

If you have any questions, please contact me at directly at 973-920-9061.

Sincerely,



Michael Berta, CSP, CPEA  
AERO Environmental Services Inc.  
mberta@aeroenvironmental.net

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## 1.0 INTRODUCTION

AERO Environmental Services, Inc. was contracted by the Florham Park School District to conduct Lead in Drinking Water Sampling at three (3) district facilities. The water sampling was performed by Michael Berta of AERO Environmental Services Inc. All samples were analyzed by EMSL Analytical Inc. at 200 Route 130 North, Cinnaminson, NJ 08077, a New Jersey certified Lead in Drinking Water testing facility.

The purpose of sampling was to collect first draw drinking water samples from all active drinking water locations within the district and have them analyzed for lead concentration levels.

The initial first draw samples were taken from active drinking water outlets and food preparation outlets throughout the facilities. These samples determine the lead content of water sitting in water outlets that are used for drinking or cooking within each facility.

Lead in water can originate from the outlet fixture or plumbing upstream of the outlet fixture (e.g., pipe, joints, valves, fittings etc.). Lead can also enter a facility through the drinking water system. Sample results are then compared to assist in determining the sources of lead contamination and the appropriate corrective measures.

If initial first draw test results reveal lead concentrations greater than 15 µg/l (ppb) in a 250 mL sample for a given outlet, a follow-up flush testing is required to determine if the lead contamination results are from the fixture or from interior plumbing.

All samples were collected in a 250 mL wide mouth plastic container that was provided by the analytical laboratory. At each sample location, the first draw sample was taken after it was determined that the water had been standing in the plumbing system for greater than eight hours but less than forty-eight hours.

*-END OF SECTION-*

## 2.0 SUMMARY OF FINDINGS

First Draw samples were collected and submitted for lead analysis. Table(s) 1 below shows the concentration of lead (parts per billion or microgram per liter) at each active drinking water location sampled. Sampling conducted followed NJDEP protocols, and all samples were submitted to EMSL Analytical under a completed Chain of Custody.

**Table 1: Briarwood Elementary School**

Date	Location Description	Sample Location Code	First Draw Result (ppb)	Action Ppb	Over Limit Yes/No
04/02/22	Kitchen Sink 1	BWD-KO-Kitchen -01	11.0	15	No
04/02/22	Kitchen Sink 2	BWD-KO-Kitchen-02	11.4	15	No
04/02/22	Teachers' Lounge	BWD-TL-TEACHERS LOUNGE	3.19	15	No
04/02/22	Nurse	BWD-MO-NURSE	2.00	15	No
04/02/22	Hallway By Room 01 Left	BWD- FB-HY BY RM 01-01	4.99	15	No
04/02/22	Hallway By Room 01 Right	BWD-FB-HY BY RM 01-02	4.45	15	No
04/02/22	Hallway by Room 03 Right	BWD-FB- HY BY RM3-02	11.6	15	No
04/02/22	Hallway By Room 06	BWD-FB-HY BY RM 06	9.17	15	No
04/02/22	Room 06	BWD-FB-06	9.44	15	No
04/02/22	Hallway By Room 17 Left	BWD-FB-HY BY RM17-01	8.14	15	No
04/02/22	Hallway By Room 19	BWD-FB-HY BY RM19	3.63	15	No
04/02/22	Room 21	BWD-FC-RM21	ND	15	No
04/02/22	Room 20	BWD-FB-RM20	1.19	15	No
04/02/22	Room 40	BWD-FBS-RM40	ND	15	No
04/02/22	Room 41	BWD-FB-RM41	ND	15	No
04/02/22	Room 42	BWD-FB-RM42	ND	15	No
04/02/22	Room 43	BWD-FB-RM43	1.24	15	No
04/02/22	Room 44	BWD-FB-RM44	ND	15	No
04/02/22	Room 45	BWD-FB-RM45	ND	15	No
04/02/11	Field Blank	BWD-Blank	ND	15	No
04/14/22	Hallway By Room 03 Chiller	BWD-FCBF-HY BY RM3-01	ND	15	No
04/14/22	Hallway By Room 03 Bottle Filler	BWD-FCBF-HY BY RM3-02	ND	15	No
04/14/22	Hallway By Room 17 Chiller	BWD-FCBF-HY BY RM17-02	ND	15	No
04/14/22	Hallway By Room 17 Bottle Filler	BWD-FCBF-HY BY RM17-03	ND	15	No
04/14/22	Field Blank	BWD-Blank	ND	15	No

**Table 1: Brook Lake Elementary School**

Date	Location Description	Sample Location Code	First Draw Result (ppb)	Action Ppb	Over Limit Yes/No
04/02/22	Room 04	BLS-FB-04	6.13	15	No
04/02/22	Nurse Sink	BLS-MO-Nurse	5.72	15	No
04/02/22	Hallway Across from Boiler Room Left	BLS-FC-HW Across from Boiler Rm-01	ND	15	No
04/02/22	Hallway Across from Boiler Room Bottle Filler Right	BLS-BF-HW by Boiler Rm-02	ND	15	No
04/02/22	Hallway Across from Boiler Room Right	BLS-FC-HW by Boiler Rm-03	ND	15	No
04/02/22	Room 05	BLS-FB-05	3.37	15	No
04/02/22	Room 06	BLS-FB-06	3.97	15	No
04/02/22	Room 07 Bottle Filler	BLS-BF-07	ND	15	No
04/02/22	Room 07 Fountain Chiller	BLS-FC-07	ND	15	No
04/02/22	Room 08 Bottle Filler	BLS-BF-08	ND	15	No
04/02/22	Room 08 Fountain Chiller	BLS-FC-08	ND	15	No
04/02/22	Room 09	BLS-FB-09	5.59	15	No
04/02/22	Room 10	BLS-FB-10	5.87	15	No
04/02/22	Room 11	BLS-FB-11	10.4	15	No
04/02/22	Room 12	BLS-FB-12	10.1	15	No
04/02/22	Room 13	BLS-FB-13	6.23	15	No
04/02/22	Room 14	BLS-FB-14	5.30	15	No
04/02/22	Room 15	BLS-FB-15	7.55	15	No
04/02/22	Room 16	BLS-FB-16	6.17	15	No
04/02/22	Room 20	BLS-FB-20	10.6	15	No
04/02/22	HW by Room 17 Left	BLS-FC-HW by Room 17-01	ND	15	No
04/02/22	HW by Room 17 Bottle Filler	BLS-BF-HW by Room 17-02	ND	15	No
04/02/22	HW by Room 17 Fountain Chiller	BLS-FC-HW by Room 17-03	ND	15	No
04/02/22	Room 21	BLS-FB-21	4.14	15	No
04/02/22	Room 22	BLS-FB-22	4.41	15	No
04/02/22	Room 23	BLS-FB-23	11.1	15	No
04/02/22	Teachers' Lounge	BLS-TL-Teachers' Lounge	4.69	15	No
04/02/22	Hallway Between Rooms 24/25	BLS-FB-HW btw Rooms 24/25	3.82	15	No
04/02/22	Gym by Locker Rooms Left	BLS-FC-Gym-01	ND	15	No
04/02/22	Gym by Locker Rooms Right	BLS-FC-Gym-02	ND	15	No
04/02/22	Kitchen Sink 1	BLS-KO-Kitchen -01	5.06	15	No
04/02/22	Kitchen Sink 2	BLS-KO-Kitchen -02	6.67	15	No
04/02/22	Kitchen Sink 3	BLS-KO-Kitchen -03	5.37	15	No
04/02/22	Kitchen Sink 4	BLS-KO-Kitchen -04	1.82	15	No
04/02/22	Field Blank	BLS-Blank	ND	15	No

**Table 1: Ridgedale Middle School**

Date	Location Description	Sample Location Code	First Draw Result (ppb)	Action Ppb	Over Limit Yes/No
04/02/22	Hallway By Room 04 Bottle Filler	RMS-BF-HY BY RM 04	ND	15	No
04/02/22	Hallway By Room 04 Fountain Chiller	RMS-FC-HY BY RM 04	ND	15	No
04/02/22	Room 06 Nurse	RMS-MO-ROOM 06	3.65	15	No
04/02/22	Hallway By Room 06 Bottle Filler	RMS-BF-HY BY ROOM 06	ND	15	No
04/02/22	Hallway By Room 06	RMS-FC-HY BY ROOM 06	ND	15	No
04/02/22	Hallway By Room 26 Bottle Filler	RMS-BF-HY BY RM 26	ND	15	No
04/02/22	Hallway By Room 26 Fountain Chiller	RMS-FC-HY BY RM 26	ND	15	No
04/02/22	Hallway By Room 24 Bottle Filler	RMS-BF-HY BY RM 24	ND	15	No
04/02/22	Hallway By Room 24 Fountain Chiller	RMS-FC-HY BY RM 24	ND	15	No
04/02/22	Hallway By Room 31 Bottle Filler	RMS-BF-HY BY M31	ND	15	No
04/02/22	Hallway By Room 31 Fountain Chiller	RMS-FC-HY BY M31	ND	15	No
04/02/22	Room 33 Teachers Lounge	RMS-TL-RM33	2.54	15	No
04/02/22	Kitchen 1 Small Sink	RMS-KO-KITCHEN-01	1.36	15	No
04/02/22	Kitchen 2 Sink	RMS-KO-KITCHEN-02	1.98	15	No
04/02/22	Kitchen 3 Sink	RMS-KO-KITCHEN-03	2.15	15	No
04/02/22	Kitchen 4 Ice Machine	RMS-IM-KITCHEN-04	ND	15	No
04/02/22	Hallway By Room 40 Boys Room Left	RMS-FC-HY-RM 40 BOYS- 01	ND	15	No
04/02/22	Hallway By Room 40 Boys Room Right	RMS-FC-HY -RM 40 BOYS- 02	ND	15	No
04/02/22	Girls Locker Room Left	RMS-FC-GIRLS LOCKER- 01	ND	15	No
04/02/22	Girls Locker Room Right	RMS-FC-GIRLS LOCKER- 02	ND	15	No
04/02/22	Boys Locker Room Left	RMS-FC- BOYS LOCKER- 01	ND	15	No
04/02/22	Boys Locker Room Right	RMS-FC-BOYS LOCKER-02	ND	15	No
04/02/22	Field Blank	RMS-Blank	ND	15	No

### **3.0 SAMPLING AND ANALYSES**

The following guidance documents were followed for all sampling:

1. N.J.A.C. 6A:26-12.4 Safe Drinking Water
2. The EPA's Revised Technical Guidance - "3Ts for Reduced Lead in Drinking Water in Schools"
3. Guidance Document from NJDEP Division of Water Supply and Geoscience – "Lead in Drinking Water: Guidance for Schools and Child Care Facilities Served by Public Water."

Eighty-two (82) first draw samples, including field blanks were collected while at each facility. All first draw samples were analyzed.

All samples were labeled with a unique identification number and transported to EMSL Analytical for analysis for lead in drinking water using EPA Method 200.8.

### **4.0 CONCLUSION**

- Based on laboratory analysis of the samples analyzed, zero (0) samples exceeded the action limit.
- No remedial action is required.
- All lead results were below the 15 µg/L New Jersey Action Level.



# **APPENDIX 1**

## **Briarwood Elementary School**

### **LABORATORY ANALYSIS WATER SAMPLING RESULTS WITH CHAIN OF CUSTODY**



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

4/20/2022

Phone: (973) 920-9061

Fax: (973) 529-0335

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/6/2022. The results are tabulated on the attached data pages for the following client designated project:

**Florham Park BWD DW 1st Draw**

The reference number for these samples is EMSL Order #012205398. 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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205398

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park BWD DW 1st Draw

**Analytical Results**

**Client Sample Description** BWD-1  
 BWD-KO-Kitchen-01  
**Collected:** 4/2/2022 10:18:00 AM  
**Lab ID:** 012205398-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	11.0	1.00 µg/L	4/12/2022 JW	4/13/2022 JW 16:19

**Client Sample Description** BWD-2  
 BWD-KO-Kitchen-02  
**Collected:** 4/2/2022 10:19:00 AM  
**Lab ID:** 012205398-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	11.4	1.00 µg/L	4/12/2022 JW	4/13/2022 JW 15:59

**Client Sample Description** BWD-3  
 BWD-TL-TEACHERS LOUNGE  
**Collected:** 4/2/2022 10:20:00 AM  
**Lab ID:** 012205398-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	3.19	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 10:53

**Client Sample Description** BWD-4  
 BWD-MO-NURSE  
**Collected:** 4/2/2022 10:21:00 AM  
**Lab ID:** 012205398-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.00	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 10:58

**Client Sample Description** BWD-5  
 BWD-FB-HY BY RM 01-01  
**Collected:** 4/2/2022 10:22:00 AM  
**Lab ID:** 012205398-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	4.99	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 10:59

**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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205398

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park BWD DW 1st Draw

**Analytical Results**

**Client Sample Description** BWD-6  
 BWD-FB-HY BY RM 01-02  
**Collected:** 4/2/2022 10:23:00 AM  
**Lab ID:** 012205398-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	4.45	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:01

**Client Sample Description** BWD-7  
 BWD-FB-HY BY RM3-02  
**Collected:** 4/2/2022 10:25:00 AM  
**Lab ID:** 012205398-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	11.6	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:02

**Client Sample Description** BWD-8  
 BWD FB-HY BY RM 06  
**Collected:** 4/2/2022 10:27:00 AM  
**Lab ID:** 012205398-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	9.17	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:07

**Client Sample Description** BWD-9  
 BWD-FB-06  
**Collected:** 4/2/2022 10:28:00 AM  
**Lab ID:** 012205398-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	9.44	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:09

**Client Sample Description** BWD-10  
 BWD-FB-HY BY RM17-01  
**Collected:** 4/2/2022 10:29:00 AM  
**Lab ID:** 012205398-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	8.14	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:10

**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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205398

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
Fax: (973) 529-0335  
Received: 4/6/2022 09:00 AM

Project: Florham Park BWD DW 1st Draw

**Analytical Results**

**Client Sample Description** BWD-11  
BWD-FB-HY BY RM19  
**Collected:** 4/2/2022 10:31:00 AM  
**Lab ID:** 012205398-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	3.63	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:12

**Client Sample Description** BWD-12  
BWD-FC-RM21  
**Collected:** 4/2/2022 10:34:00 AM  
**Lab ID:** 012205398-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:13

**Client Sample Description** BWD-13  
BWD-FB-RM20  
**Collected:** 4/2/2022 10:35:00 AM  
**Lab ID:** 012205398-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.19	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:15

**Client Sample Description** BWD-14  
BWD-FBS-RM40  
**Collected:** 4/2/2022 10:43:00 AM  
**Lab ID:** 012205398-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:20

**Client Sample Description** BWD-15  
BWD-FBS-RM41  
**Collected:** 4/2/2022 10:44:00 AM  
**Lab ID:** 012205398-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:21

**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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205398

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park BWD DW 1st Draw

**Analytical Results**

**Client Sample Description** BWD-16  
BWD-FBS-RM42  
**Collected:** 4/2/2022 10:45:00 AM  
**Lab ID:** 012205398-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:26

**Client Sample Description** BWD-17  
BWD-FBS-RM43  
**Collected:** 4/2/2022 10:46:00 AM  
**Lab ID:** 012205398-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.24	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:27

**Client Sample Description** BWD-18  
BWD-FBS-RM44  
**Collected:** 4/2/2022 10:47:00 AM  
**Lab ID:** 012205398-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:29

**Client Sample Description** BWD-19  
BWD-FBS-RM45  
**Collected:** 4/2/2022 10:48:00 AM  
**Lab ID:** 012205398-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:31

**Client Sample Description** BWD-20  
BWD-BLANK  
**Collected:** 4/2/2022 10:50:00 AM  
**Lab ID:** 012205398-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/14/2022 VD	4/15/2022 VD 11:32



## 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](mailto:EnvChemistry2@emsl.com)

EMSL Order:	012205398
CustomerID:	AERO50
CustomerPO:	
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



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

## Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

012205398

EMSL ANALYTICAL, INC.  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077  
PHONE: 856-858-4800  
FAX: 856-786-5971

Company : AERO Environmental Services Inc.		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 275 Rt 10 East, Suite 220-306		Third Party Billing requires written authorization from third party	
City: Succasunna	State/Province: NJ	Zip/Postal Code: 07876	Country: USA
Report To (Name): Michael Berta		Telephone #: 973 920 9061	
Email Address: mberta@aeroenvironmental.net		Fax #: 973 529 0335	Purchase Order:
Project Name/Number: Florham Park BWD DW 1st Draw		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: NJ		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input checked="" type="checkbox"/> 2 Week
*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide			
Matrix	Method	Instrument	Reporting Limit
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm <sup>2</sup> <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe
	SW846-6010B or C	ICP-AES	1.0 µg/wipe
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input checked="" type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter
Other:			
Name of Sampler: Michael Berta		Signature of Sampler: <i>[Signature]</i>	
Sample #	Location	Volume/Area	Date/Time Sampled
BWD-1	BWD-KO-Kitchen -01	250 mL	04/02/2022 1018
BWD-2	BWD-KO-Kitchen-02	250 mL	04/02/2022 1019
BWD-3	BWD-TL-TEACHERS LOUNGE	250 mL	04/02/2022 1020
BWD-4	BWD-MO-NURSE	250 mL	04/02/2022 1021
BWD-5	BWD- FB-HY BY RM 01-01	250 mL	04/02/2022 1022
Client Sample #'s	BWD-1 - BWD-20	Total # of Samples: 20	
Relinquished (Client): <i>[Signature]</i>	Date: 4/5/22	Time: 1405	
Received (Lab): <i>[Signature]</i>	Date: 4.5.22	Time: 210pm	
Comments:			

Controlled Document — Lead (Pb) COC — R8- 6/12/2012





EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

# LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID (Lab Use Only):

012205398

EMSL ANALYTICAL, INC.  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077  
PHONE: (800) 220-3675  
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
6 BWD-6	BWD-FB-HY BY RM 01-02	250 mL	04/02/2022 1023
7 BWD-7	BWD-FB- HY BY RM3-02	250 mL	04/02/2022 1025
8 BWD-8	BWD-FB-HY BY RM 06	250 mL	04/02/2022 1027
9 BWD-9	BWD-FB-06	250 mL	04/02/2022 1028
10 BWD-10	BWD-FB-HY BY RM17-01	250 mL	04/02/2022 1029
11 BWD-11	BWD-FB-HY BY RM19	250 mL	04/02/2022 1031
12 BWD-12	BWD-FC-RM21	250 mL	04/02/2022 1034
13 BWD-13	BWD-FB-RM20	250 mL	04/02/2022 1035
14 BWD-14	BWD-FBS-RM40	250 mL	04/02/2022 1043
15 BWD-15	BWD-FB-RM41	250 mL	04/02/2022 1044
16 BWD-16	BWD-FB-RM42	250 mL	04/02/2022 1045
17 BWD-17	BWD-FB-RM43	250 mL	04/02/2022 1046
18 BWD-18	BWD-FB-RM44	250 mL	04/02/2022 1047
19 BWD-19	BWD-FB-RM45	250 mL	04/02/2022 1048
20 BWD-20	BWD-BLANK	250 mL	04/02/2022 1050
Comments/Special Instructions:			



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

5/6/2022

Phone: (973) 920-9061

Fax: (973) 529-0335

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/20/2022. The results are tabulated on the attached data pages for the following client designated project:

**Florham Park BWD DW 1st Draw**

The reference number for these samples is EMSL Order #012206235. 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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012206235

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/20/2022 09:00 AM

Project: Florham Park BWD DW 1st Draw

**Analytical Results**

**Client Sample Description** BWD-21  
 BWD-FCBF-HY BY RM 3-01  
**Collected:** 4/14/2022 10:01:00 AM  
**Lab ID:** 012206235-0001

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

200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/6/2022 00:13 VD
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**Client Sample Description** BWD-22  
 BWD-FCBF-HY BY RM 3-02  
**Collected:** 4/14/2022 10:02:00 AM  
**Lab ID:** 012206235-0002

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

200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/6/2022 00:19 VD
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**Client Sample Description** BWD-23  
 BWD-FCBF-HY BY RM 17-02  
**Collected:** 4/14/2022 10:05:00 AM  
**Lab ID:** 012206235-0003

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

200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/6/2022 00:21 VD
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**Client Sample Description** BWD-24  
 BWD-FCBF-HY BY RM 17-03  
**Collected:** 4/14/2022 10:06:00 AM  
**Lab ID:** 012206235-0004

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

200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/6/2022 00:23 VD
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**Client Sample Description** BWD-25  
 BWD-BLANK  
**Collected:** 4/14/2022 10:12:00 AM  
**Lab ID:** 012206235-0005

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

200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/6/2022 00:25 VD
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**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



EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

## Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

012206235

EMSL ANALYTICAL, INC.  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077  
PHONE: 856-858-4800  
FAX: 856-786-5971

Company : AERO Environmental Services Inc.		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 275 Rt 10 East, Suite 220-306		Third Party Billing requires written authorization from third party	
City: Succasunna	State/Province: NJ	Zip/Postal Code: 07876	Country: USA
Report To (Name): Michael Berta		Telephone #: 973 920 9061	
Email Address: mberta@aeroenvironmental.net		Fax #: 973 529 0335	Purchase Order:
Project Name/Number: Florham Park BWD DW 1st Draw		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: NJ		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input type="checkbox"/> 1 Week	<input checked="" type="checkbox"/> 2 Week
*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide			
Matrix	Method	Instrument	Reporting Limit
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm <sup>2</sup> <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe
	SW846-6010B or C	ICP-AES	1.0 µg/wipe
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input checked="" type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter
Other:			
Name of Sampler: Michael Berta		Signature of Sampler: <i>[Signature]</i>	
Sample #	Location	Volume/Area	Date/Time Sampled
1 BWD-21	BWD-FCBF-HY BY RM 3-01	250 mL	04/14/22 1001
2 BWD-22	BWD-FCBF-HY BY RM 3-02	250 mL	04/14/22 1002
3 BWD-23	BWD-FCBF-HY BY RM 17-02	250 mL	04/14/22 1005
4 BWD-24	BWD-FCBF-HY BY RM 17-03	250 mL	04/14/22 1006
5 BWD-25	BWD-BLANK	250 mL	04/14/22 1012
Client Sample #'s	BWD-21 - BWD-25	Total # of Samples:	5
Relinquished (Client): <i>[Signature]</i>	Date: 4/19/22	Time: 1300	
Received (Lab): <i>[Signature]</i>	Date: 4.19.22	Time: 103pm	
Comments: <i>[Handwritten notes]</i>			

## **APPENDIX 2**

### **Brook Lake Elementary School**

#### **LABORATORY ANALYSIS WATER SAMPLING RESULTS WITH CHAIN OF CUSTODY**



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

4/22/2022

Phone: (973) 920-9061

Fax: (973) 529-0335

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/6/2022. The results are tabulated on the attached data pages for the following client designated project:

**Florham Park BLS DW 1st Draw**

The reference number for these samples is EMSL Order #012205388. 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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205388

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
Fax: (973) 529-0335  
Received: 4/6/2022 09:00 AM

Project: Florham Park BLS DW 1st Draw

**Analytical Results**

**Client Sample Description** BLS-1  
BLS-FB-04  
**Collected:** 4/2/2022  
9:25:00 AM  
**Lab ID:** 012205388-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	6.13	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:02

**Client Sample Description** BLS-2  
BLS-MO-Nurse  
**Collected:** 4/2/2022  
9:26:00 AM  
**Lab ID:** 012205388-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.72	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:07

**Client Sample Description** BLS-3  
BLS-FC-HW Across From Boiler Rm-01  
**Collected:** 4/2/2022  
9:29:00 AM  
**Lab ID:** 012205388-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:08

**Client Sample Description** BLS-4  
BLS-BF-HW by Boiler Rm-02  
**Collected:** 4/2/2022  
9:30:00 AM  
**Lab ID:** 012205388-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:10

**Client Sample Description** BLS-5  
BLS-FC-HW by Boiler Rm-03  
**Collected:** 4/2/2022  
9:31:00 AM  
**Lab ID:** 012205388-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:11



**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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205388

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park BLS DW 1st Draw

**Analytical Results**

Client Sample Description		BLS-6 BLS-FB-05	Collected:		4/2/2022 9:32:00 AM	Lab ID:		012205388-0006
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	3.37	1.00 µg/L	4/19/2022	VD	4/19/2022 21:16	VD	
Client Sample Description		BLS-7 BLS-FB-06	Collected:		4/2/2022 9:33:00 AM	Lab ID:		012205388-0007
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	3.97	1.00 µg/L	4/19/2022	VD	4/19/2022 21:18	VD	
Client Sample Description		BLS-8 BLS-BF-07	Collected:		4/2/2022 9:34:00 AM	Lab ID:		012205388-0008
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	ND	1.00 µg/L	4/19/2022	VD	4/19/2022 21:19	VD	
Client Sample Description		BLS-9 BLS-FC-07	Collected:		4/2/2022 9:35:00 AM	Lab ID:		012205388-0009
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	ND	1.00 µg/L	4/19/2022	VD	4/19/2022 21:21	VD	
Client Sample Description		BLS-10 BLS-BF-08	Collected:		4/2/2022 9:36:00 AM	Lab ID:		012205388-0010
Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst		
METALS								
200.8	Lead	ND	1.00 µg/L	4/19/2022	VD	4/19/2022 21:22	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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205388

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
Fax: (973) 529-0335  
Received: 4/6/2022 09:00 AM

Project: Florham Park BLS DW 1st Draw

**Analytical Results**

**Client Sample Description** BLS-11  
BLS-FC-08  
**Collected:** 4/2/2022  
9:37:00 AM  
**Lab ID:** 012205388-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:24

**Client Sample Description** BLS-12  
BLS-FB-09  
**Collected:** 4/2/2022  
9:38:00 AM  
**Lab ID:** 012205388-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.59	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:28

**Client Sample Description** BLS-13  
BLS-FB-10  
**Collected:** 4/2/2022  
9:40:00 AM  
**Lab ID:** 012205388-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.87	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:30

**Client Sample Description** BLS-14  
BLS-FB-11  
**Collected:** 4/2/2022  
9:41:00 AM  
**Lab ID:** 012205388-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	10.4	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:35

**Client Sample Description** BLS-15  
BLS-FB-12  
**Collected:** 4/2/2022  
9:43:00 AM  
**Lab ID:** 012205388-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	10.1	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:36

**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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205388

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park BLS DW 1st Draw

**Analytical Results**

**Client Sample Description** BLS-16  
BLS-FB-13  
**Collected:** 4/2/2022 9:45:00 AM  
**Lab ID:** 012205388-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	6.23	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:38

**Client Sample Description** BLS-17  
BLS-FB-14  
**Collected:** 4/2/2022 9:47:00 AM  
**Lab ID:** 012205388-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.30	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:39

**Client Sample Description** BLS-18  
BLS-FB-15  
**Collected:** 4/2/2022 9:48:00 AM  
**Lab ID:** 012205388-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	7.55	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:41

**Client Sample Description** BLS-19  
BLS-FB-16  
**Collected:** 4/2/2022 9:49:00 AM  
**Lab ID:** 012205388-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	6.17	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:42

**Client Sample Description** BLS-20  
BLS-FB-20  
**Collected:** 4/2/2022 9:51:00 AM  
**Lab ID:** 012205388-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	10.6	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:44

**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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205388

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park BLS DW 1st Draw

**Analytical Results**

**Client Sample Description** BLS-21  
 BLS-FC-HW by Room 17-01  
**Collected:** 4/2/2022 9:52:00 AM  
**Lab ID:** 012205388-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:53

**Client Sample Description** BLS-22  
 BLS-BF-HW by Room 17-02  
**Collected:** 4/2/2022 9:53:00 AM  
**Lab ID:** 012205388-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 21:58

**Client Sample Description** BLS-23  
 BLS-FC-HW by Room 17-03  
**Collected:** 4/2/2022 9:54:00 AM  
**Lab ID:** 012205388-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 22:00

**Client Sample Description** BLS-24  
 BLS-FB-21  
**Collected:** 4/2/2022 9:55:00 AM  
**Lab ID:** 012205388-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	4.14	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 22:01

**Client Sample Description** BLS-25  
 BLS-FB-22  
**Collected:** 4/2/2022 9:56:00 AM  
**Lab ID:** 012205388-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	4.41	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 22:03

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

<http://www.EMSL.com>[EnvChemistry2@emsl.com](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205388

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park BLS DW 1st Draw

**Analytical Results**

**Client Sample Description** BLS-26  
 BLS-FB-23  
**Collected:** 4/2/2022 9:58:00 AM  
**Lab ID:** 012205388-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	11.1	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 22:04

**Client Sample Description** BLS-27  
 BLS-TL-Teacher's Lounge  
**Collected:** 4/2/2022 9:59:00 AM  
**Lab ID:** 012205388-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	4.69	1.00 µg/L	4/18/2022 VD	4/19/2022 JW 20:21

**Client Sample Description** BLS-28  
 BLS-FB-HW btw Rooms 24/25  
**Collected:** 4/2/2022 10:01:00 AM  
**Lab ID:** 012205388-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	3.82	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 22:06

**Client Sample Description** BLS-29  
 BLS-FC-Gym-01  
**Collected:** 4/2/2022 10:03:00 AM  
**Lab ID:** 012205388-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 22:07

**Client Sample Description** BLS--30  
 BLS-FC-Gym-02  
**Collected:** 4/2/2022 10:04:00 AM  
**Lab ID:** 012205388-0030

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 22:12

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<http://www.EMSL.com>[EnvChemistry2@emsl.com](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205388

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park BLS DW 1st Draw

**Analytical Results**

**Client Sample Description** BLS-31  
 BLS-KO-Kitchen-01  
**Collected:** 4/2/2022 10:06:00 AM  
**Lab ID:** 012205388-0031

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.06	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 22:13

**Client Sample Description** BLS-32  
 BLS-KO-Kitchen-02  
**Collected:** 4/2/2022 10:07:00 AM  
**Lab ID:** 012205388-0032

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	6.67	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 22:15

**Client Sample Description** BLS-33  
 BLS-KO-Kitchen-03  
**Collected:** 4/2/2022 10:08:00 AM  
**Lab ID:** 012205388-0033

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.37	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 22:20

**Client Sample Description** BLS-34  
 BLS-KO-Kitchen-04  
**Collected:** 4/2/2022 10:09:00 AM  
**Lab ID:** 012205388-0034

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.82	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 22:21

**Client Sample Description** BLS-35  
 BLS-BLANK  
**Collected:** 4/2/2022 10:10:00 AM  
**Lab ID:** 012205388-0035

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/19/2022 VD	4/19/2022 VD 22:23



## 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](mailto:EnvChemistry2@emsl.com)

EMSL Order:	012205388
CustomerID:	AERO50
CustomerPO:	
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



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## Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

012205388

EMSL ANALYTICAL, INC.  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077  
PHONE: 856-858-4800  
FAX: 856-786-5971

Company : AERO Environmental Services Inc.		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 275 Rt 10 East, Suite 220-306		Third Party Billing requires written authorization from third party	
City: Succasunna	State/Province: NJ	Zip/Postal Code: 07876	Country: USA
Report To (Name): Michael Berta		Telephone #: 973 920 9061	
Email Address: mberta@aeroenvironmental.net		Fax #: 973 529 0335	Purchase Order:
Project Name/Number: Florham Park BLS DW 1st Draw		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: NJ		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input type="checkbox"/> 1 Week	<input checked="" type="checkbox"/> 2 Week
*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide			
Matrix	Method	Instrument	Reporting Limit
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm <sup>2</sup> <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe
	SW846-6010B or C	ICP-AES	1.0 µg/wipe
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input checked="" type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter
Other:			
Name of Sampler: Michael Berta		Signature of Sampler: <i>[Signature]</i>	
Sample #	Location	Volume/Area	Date/Time Sampled
1 BLS-1	BLS-FB-04	250 mL	04/02/2022 0925
2 BLS-2	BLS-MO-Nurse	250 mL	04/02/2022 0926
3 BLS-3	BLS-FC-HW Across From Boiler Rm-01	250 mL	04/02/2022 0929
4 BLS-4	BLS-BF-HW by Boiler Rm-02	250 mL	04/02/2022 0930
5 BLS-5	BLS-FC-HW by Boiler Rm-03	250 mL	04/02/2022 0931
Client Sample #'s	BLS-1 - BLS-35	Total # of Samples: 35	
Relinquished (Client): <i>[Signature]</i>	Date: 4/5/22	Time: 1405	
Received (Lab): <i>[Signature]</i>	Date: 4.5.22	Time: 210 pm	
Comments: <i>clear 4/5/22 7:30 pm</i> <i>Ellynn 4/6/22 9a</i>			



EMSL ANALYTICAL, INC.  
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# LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID (Lab Use Only):

012205388

EMSL ANALYTICAL, INC.  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077  
PHONE: (800) 220-3675  
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
6 BLS-6	BLS-FB-05	250 mL	04/02/2022 0932
7 BLS-7	BLS-FB-06	250 mL	04/02/2022 0933
8 BLS-8	BLS-BF-07	250 mL	04/02/2022 0934
9 BLS-9	BLS-FC-07	250 mL	04/02/2022 0935
10 BLS-10	BLS-BF-08	250 mL	04/02/2022 0936
11 BLS-11	BLS-FC-08	250 mL	04/02/2022 0937
12 BLS-12	BLS-FB-09	250 mL	04/02/2022 0938
13 BLS-13	BLS-FB-10	250 mL	04/02/2022 0940
14 BLS-14	BLS-FB-11	250 mL	04/02/2022 0941
15 BLS-15	BLS-FB-12	250 mL	04/02/2022 0943
16 BLS-16	BLS-FB-13	250 mL	04/02/2022 0945
17 BLS-17	BLS-FB-14	250 mL	04/02/2022 0947
18 BLS-18	BLS-FB-15	250 mL	04/02/2022 0948
19 BLS-19	BLS-FB-16	250 mL	04/02/2022 0949
20 BLS-20	BLS-FB-20	250 mL	04/02/2022 0951
21 BLS-21	BLS-FC-HW by Room 17-01	250 mL	04/02/2022 0952
22 BLS-22	BLS-BF-HW by Room 17-02	250 mL	04/02/2022 0953
23 BLS-23	BLS-FC-HW by Room 17-03	250 mL	04/02/2022 0954
Comments/Special Instructions:			





EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

## LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID (Lab Use Only):

012205388

EMSL ANALYTICAL, INC.  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077  
PHONE: (800) 220-3675  
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
24 BLS-24	BLS-FB-21	250 mL	04/02/2022 0955
25 BLS-25	BLS-FB-22	250 mL	04/02/2022 0956
26 BLS-26	BLS-FB-23	250 mL	04/02/2022 0958
27 BLS-27	BLS-TL-Teachers Lounge	250 mL	04/02/2022 0959
28 BLS-28	BLS-FB-HW btw Rooms 24/25	250 mL	04/02/2022 1001
29 BLS-29	BLS-FC-Gym-01	250 mL	04/02/2022 1003
30 BLS-30	BLS-FC-Gym-02	250 mL	04/02/2022 1004
31 BLS-31	BLS-KO-Kitchen -01	250 mL	04/02/2022 1006
32 BLS-32	BLS-KO-Kitchen -02	250 mL	04/02/2022 1007
33 BLS-33	BLS-KO-Kitchen-03	250 mL	04/02/2022 1008
34 BLS-34	BLS-KO-Kitchen-04	250 mL	04/02/2022 1009
35 BLS-35	BLS-BLANK	250 mL	04/02/2022 1010
Comments/Special Instructions:			

mislabeled TH 4/8/22

# **APPENDIX 3**

## **Ridgedale Middle School**

### **LABORATORY ANALYSIS WATER SAMPLING RESULTS WITH CHAIN OF CUSTODY**



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

4/20/2022

Phone: (973) 920-9061

Fax: (973) 529-0335

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/6/2022. The results are tabulated on the attached data pages for the following client designated project:

**Florham Park RMS DW 1st Draw**

The reference number for these samples is EMSL Order #012205511. 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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205511

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park RMS DW 1st Draw

**Analytical Results**

**Client Sample Description** RMS-1  
 RMS-BF-HY-BY RM 04  
**Collected:** 4/2/2022 8:31:00 AM  
**Lab ID:** 012205511-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:23

**Client Sample Description** RMS-2  
 RMS-FC-HY-BY RM 04  
**Collected:** 4/2/2022 8:32:00 AM  
**Lab ID:** 012205511-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:31

**Client Sample Description** RMS-3  
 RMS-MO-ROOM 06  
**Collected:** 4/2/2022 8:34:00 AM  
**Lab ID:** 012205511-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	3.65	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:32

**Client Sample Description** RMS-4  
 RMS-BF-HY BY ROOM 06  
**Collected:** 4/2/2022 8:38:00 AM  
**Lab ID:** 012205511-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:34

**Client Sample Description** RMS-5  
 RMS-FC-HY BY ROOM 06  
**Collected:** 4/2/2022 8:39:00 AM  
**Lab ID:** 012205511-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:35

**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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205511

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park RMS DW 1st Draw

**Analytical Results**

**Client Sample Description** RMS-6  
RMS-BF-HY BY RM 26  
**Collected:** 4/2/2022 8:44:00 AM  
**Lab ID:** 012205511-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:37

**Client Sample Description** RMS-7  
RMS-FC-HY BY RM 26  
**Collected:** 4/2/2022 8:45:00 AM  
**Lab ID:** 012205511-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:39

**Client Sample Description** RMS-8  
RMS-BF-HY BY RM 24  
**Collected:** 4/2/2022 8:47:00 AM  
**Lab ID:** 012205511-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:40

**Client Sample Description** RMS-9  
RMS-FC-HY BY RM 24  
**Collected:** 4/2/2022 8:48:00 AM  
**Lab ID:** 012205511-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:42

**Client Sample Description** RMS-10  
RMS-BF-HY BY M31  
**Collected:** 4/2/2022 8:52:00 AM  
**Lab ID:** 012205511-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:43

**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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205511

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park RMS DW 1st Draw

**Analytical Results**

**Client Sample Description** RMS-11  
 RMS-FC-HY BY M31  
**Collected:** 4/2/2022 8:53:00 AM  
**Lab ID:** 012205511-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:45

**Client Sample Description** RMS-12  
 RMS-TL-RM33  
**Collected:** 4/2/2022 8:54:00 AM  
**Lab ID:** 012205511-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.54	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:53

**Client Sample Description** RMS-13  
 RMS-KO-KITCHEN-01  
**Collected:** 4/2/2022 8:59:00 AM  
**Lab ID:** 012205511-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.36	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:54

**Client Sample Description** RMS-14  
 RMS-KO-KITCHEN-02  
**Collected:** 4/2/2022 9:00:00 AM  
**Lab ID:** 012205511-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.98	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:56

**Client Sample Description** RMS-15  
 RMS-KO-KITCHEN-03  
**Collected:** 4/2/2022 9:01:00 AM  
**Lab ID:** 012205511-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.15	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:57

**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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205511

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park RMS DW 1st Draw

**Analytical Results**

**Client Sample Description** RMS-16  
RMS-KO-KITCHEN-04  
**Collected:** 4/2/2022 9:02:00 AM  
**Lab ID:** 012205511-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 19:59

**Client Sample Description** RMS-17  
RMS-FC-HY-RM 40 BOYS-01  
**Collected:** 4/2/2022 9:03:00 AM  
**Lab ID:** 012205511-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 20:00

**Client Sample Description** RMS-18  
RMS-FC-HY-RM 40 BOYS-02  
**Collected:** 4/2/2022 9:04:00 AM  
**Lab ID:** 012205511-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 20:02

**Client Sample Description** RMS-19  
RMS-FC-GIRLS LOCKER-01  
**Collected:** 4/2/2022 9:05:00 AM  
**Lab ID:** 012205511-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 20:04

**Client Sample Description** RMS-20  
RMS-FC-GIRLS LOCKER-02  
**Collected:** 4/2/2022 9:06:00 AM  
**Lab ID:** 012205511-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 20:08

**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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012205511

CustomerID: AERO50

CustomerPO:

ProjectID:

Attn: **Michael Berta**  
**AERO Environmental Services, Inc**  
**275 Route 10 East**  
**Suite 220-306**  
**Succasunna, NJ 07876**

Phone: (973) 920-9061  
 Fax: (973) 529-0335  
 Received: 4/6/2022 09:00 AM

Project: Florham Park RMS DW 1st Draw

**Analytical Results**

**Client Sample Description** RMS-21  
 RMS-FC-BOYS LOCKER-01  
**Collected:** 4/2/2022 9:07:00 AM  
**Lab ID:** 012205511-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 21:17

**Client Sample Description** RMS-22  
 RMS-FC-BOYS LOCKER-02  
**Collected:** 4/2/2022 9:08:00 AM  
**Lab ID:** 012205511-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 21:18

**Client Sample Description** RMS-23  
 RMS-BLANK  
**Collected:** 4/2/2022 9:10:00 AM  
**Lab ID:** 012205511-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	4/15/2022 JM	4/15/2022 VD 21:23

**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



EMSL ANALYTICAL, INC.  
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## Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

012205511

EMSL ANALYTICAL, INC.  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077  
PHONE: 856-858-4800  
FAX: 856-786-5971

Company : AERO Environmental Services Inc.		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 275 Rt 10 East, Suite 220-306		Third Party Billing requires written authorization from third party	
City: Succasunna	State/Province: NJ	Zip/Postal Code: 07876	Country: USA
Report To (Name): Michael Berta		Telephone #: 973 920 9061	
Email Address: mberta@aeroenvironmental.net		Fax #: 973 529 0335	Purchase Order:
Project Name/Number: Florham Park RMS DW 1st Draw		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: NJ		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input checked="" type="checkbox"/> 2 Week
*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide			
Matrix	Method	Instrument	Reporting Limit
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm <sup>2</sup> <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe
	SW846-6010B or C	ICP-AES	1.0 µg/wipe
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input checked="" type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter
Other:			
Name of Sampler: Michael Berta		Signature of Sampler: <i>[Signature]</i>	
Sample #	Location	Volume/Area	Date/Time Sampled
1 RMS-1	RMS-BF-HY BY RM 04	250 mL	04/02/2022 0831
2 RMS-2	RMS-FC-HY BY RM 04	250 mL	04/02/2022 0832
3 RMS-3	RMS-MO-ROOM 06	250 mL	04/02/2022 0834
4 RMS-4	RMS-BF-HY BY ROOM 06	250 mL	04/02/2022 0838
5 RMS-5	RMS-FC-HY BY ROOM 06	250 mL	04/02/2022 0839
Client Sample #'s	RMS-1 - RMS-23	Total # of Samples: 23	
Relinquished (Client): <i>[Signature]</i>	Date: 4/5/22	Time: 1:40	
Received (Lab): <i>[Signature]</i>	Date: 4.5.22	Time: 2:10 PM	
Comments:			

CPC 4/5/22 7:30 AM

4/6/22 9 AM



EMSL ANALYTICAL, INC.  
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# LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID (Lab Use Only):

012205511

EMSL ANALYTICAL, INC.  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077  
PHONE: (800) 220-3675  
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
6 RMS-6	RMS-BF-HY BY RM 26	250 mL	04/02/2022 0844
7 RMS-7	RMS-FC-HY BY RM 26	250 mL	04/02/2022 0845
8 RMS-8	RMS-BF-HY BY RM 24	250 mL	04/02/2022 0847
9 RMS-9	RMS-FC-HY BY RM 24	250 mL	04/02/2022 0848
10 RMS-10	RMS-BF-HY BY M31	250 mL	04/02/2022 0852
11 RMS-11	RMS-FC-HY BY M31	250 mL	04/02/2022 0853
12 RMS-12	RMS-TL-RM33	250 mL	04/02/2022 0854
13 RMS-13	RMS-KO-KITCHEN-01	250 mL	04/02/2022 0859
14 RMS-14	RMS-KO-KITCHEN-02	250 mL	04/02/2022 0900
15 RMS-15	RMS-KO-KITCHEN-03	250 mL	04/02/2022 0901
16 RMS-16	RMS-IM-KITCHEN-04	250 mL	04/02/2022 0902
17 RMS-17	RMS-FC-HY-RM 40 BOYS- 01	250 mL	04/02/2022 0903
18 RMS-18	RMS-FC-HY -RM 40 BOYS- 02	250 mL	04/02/2022 0904
19 RMS-19	RMS-FC-GIRLS LOCKER- 01	250 mL	04/02/2022 0905
20 RMS-20	RMS-FC-GIRLS LOCKER- 02	250 mL	04/02/2022 0906
21 RMS-21	RMS-FC- BOYS LOCKER- 01	250 mL	04/02/2022 0907
22 RMS-22	RMS-FC-BOYS LOCKER-02	250 mL	04/02/2022 0908
23 RMS-23	RMS-BLANK	250 mL	04/02/2022 0910
Comments/Special Instructions:			