



EASTERN CAMDEN COUNTY REGIONAL SCHOOL DISTRICT

Laurel Oak Rd. PO Box 2500 Voorhees, NJ 08043 856-346-6730 FAX: 856-627-7894

March 8, 2022

Eastern Camden County Regional High School
1401 Laurel Oak Road
Voorhees, NJ 08043

Dear Eastern Camden County Regional School Community,

Our school system is committed to protecting student, teacher, and staff health. To protect our community and be in compliance with the Department of Education regulations, Eastern Camden County Regional School District tested our schools' drinking water for lead.

In accordance with the Department of Education regulations, Eastern Regional will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 $\mu\text{g/l}$ (parts per billion [ppb]). This includes turning off the outlet unless it is determined the location must remain on for non-drinking purposes. In these cases, a "DO NOT DRINK – SAFE FOR HANDWASHING ONLY" sign will be posted.

Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within Eastern High School. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the 102 samples taken, all but 8 tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 $\mu\text{g/l}$ [ppb]).

The table below identifies the drinking water outlets that tested above the 15 $\mu\text{g/l}$ for lead, the actual lead level, and what temporary remedial action Eastern Regional has taken to reduce the levels of lead at these locations.

Sample Location	First Draw Result in $\mu\text{g/l}$ (ppb)	Remedial Action
500 Cafeteria Drinking Fountain -ID# LW 0-50	118	Flushed outlet- retested and collected results of 1.92

500 Cafeteria Drinking Fountain – ID# LW 0-50A	106	Flushed outlet- retested and collected results of 1.38
500 Cafeteria -Kitchen Food Prep ID# LW 0-25B	415	Flushed outlet- retested and collected results of ND (Not detected at the reporting limit)
900 Hall Drinking Fountain by Woodshop 906 – ID# LW 0-32	18.4	Flushed outlet- retested and collected results of 2.29
Drinking Fountain by Rm S-1 – ID# LW 0-12C	47.2	Flushed outlet- retested and collected results of ND (Not detected at the reporting limit)
Drinking Fountain- Gym 2 Boys Locker room – ID# LW 0-51	36.5	Flushed outlet- retested and collected results of ND (Not detected at the reporting limit)
Drinking Fountain- Gym 2 Girls Locker room ID# LW 0-53	73.5	Flushed outlet- retested and collected results of 1.16
Drinking Fountain- Gym 2 Girls Locker room ID# LW 0-53A	50.4	Flushed outlet- retested and collected results of 1.00

Health Effects of Lead

High levels of lead in drinking water can cause health problems. Lead is most dangerous for pregnant women, infants, and children under 6 years of age. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. Exposure to high levels of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposure can lower IQ levels, affect hearing, reduce attention span, and hurt school performance. At *very* high levels, lead can even cause brain damage. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like groundwater, rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and in building plumbing. These materials include lead-based solder used to join copper pipe, brass,

and chrome-plated brass faucets. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials. However, even the lead in plumbing materials meeting these new requirements is subject to corrosion. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning *may* contain fairly high levels of lead.

Lead in Drinking Water

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. EPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.

For More Information

A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8:30 a.m. and 4:00 p.m. and are also available on our website at www.eccrsd.us. For more information about water quality in our schools, contact Donald A. Hobbs, Sr at the Buildings and Grounds Department at 856-346-6755.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely,



Robert S. Cloutier, J.D.
Superintendent of Schools



HORIZON ENVIRONMENTAL GROUP, INC.

P.O. Box 316
Thorofare, NJ 08086

Phone: 856-848-0800
Fax: 856-848-0838

October 24, 2021

Mr. Jeff Judge
Eastern Camden County Regional School District
1401 Laurel Oak Road
Voorhees, NJ 08043

Reference: Lead in Water Testing at Eastern Regional High School

Dear Mr. Judge:

Pursuant to your request, collection and analysis of seventy-seven (77) first draw water samples from the domestic water supply system at the Eastern Regional High School facility have been completed. In accordance with applicable New Jersey guidelines, the samples were collected in the morning on Saturday, August 21, 2021, by personnel from Horizon Environmental Group, Inc., and submitted for analysis for the presence of lead using inductively coupled plasma mass spectrometry (ICP-MS) in accordance with USEPA Method 200.8. The results of the analyses of the samples are as follows:

Sample No.	Location	Lead Concentration (µg/L)	Reporting Limit (µg/L)
LW-019B	Hall near Recital Room	ND	1.00
LW-019A	Hall near Room 700	ND	1.00
LW-019 BTL	Hall near Room 700 (Bottle Filler)	ND	1.00
LW-019 BUB	Hall near Room 700 (Bubbler)	ND	1.00
LW-039	Hall near Room 314	1,31	1.00
LW-038	Hall near Room A-306	ND	1.00
LW-036 BTL	Hall near Media Center 300 (Bottle Filler)	ND	1.00
LW-036 BUB	Hall near Media Center 300 (Bubbler)	ND	1.00
LW-030	Hall between 107/109	ND	1.00
LW-029A	Hall near Gymnasium #1	ND	1.00
LW-029	Hall near Gymnasium #1	ND	1.00
LW-042	Girls Locker Room (Gymnasium #1)	2.39	1.00
LW-041	Boys Locker Room (Gymnasium #1)	ND	1.00
LW-037 BTL	Hall near Room A-401 (Bottle Filler)	ND	1.00
LW-037 BUB	Hall near Room A-401 (Bubbler)	ND	1.00
LW-050	500 Cafeteria	118	1.00
LW-050A	500 Cafeteria	106	1.00
LW-024A	500 Cafeteria – Faculty Dining – Ice Machine	1.23	1.00
LW-024	500 Cafeteria – Faculty Dining – Sink	2.61	1.00
LW-025A	500 Cafeteria - Kitchen Double Food Prep Sink	4.89	1.00
LW-025B	500 Cafeteria - Kitchen Food Prep Sink	415	1.00
LW-035 BTL	Hall Outside Cafeteria 500 (Bottle Filler)	ND	1.00

Sample No.	Location	Lead Concentration (µg/L)	Reporting Limit (µg/L)
LW-035 BUB	Hall Outside Cafeteria 500 (Bubbler)	ND	1.00
LW-048	503 Culinary Arts - Front Sink	2.90	1.00
LW-048A	503 Culinary Arts - Station 1 - Sink A	1.87	1.00
LW-048B	503 Culinary Arts - Station 1 - Sink B	2.14	1.00
LW-048C	503 Culinary Arts - Station 1 - Sink C	1.45	1.00
LW-048D	503 Culinary Arts - Station 1 - Sink D	1.21	1.00
LW-048E	503 Culinary Arts - Station 2 - Sink E	2.49	1.00
LW-048F	503 Culinary Arts - Station 2 - Sink F	4.29	1.00
LW-048G	503 Culinary Arts - Station 2 - Sink G	3.98	1.00
LW-048H	503 Culinary Arts - Station 2 - Sink H	2.33	1.00
LW-048I	503 Culinary Arts - Station 3 - Sink I	1.73	1.00
LW-048J	503 Culinary Arts - Station 3 - Sink J	2.92	1.00
LW-048K	503 Culinary Arts - Station 3 - Sink K	ND	1.00
LW-048L	503 Culinary Arts - Station 3 - Sink L	5.95	1.00
LW-048M	503 Culinary Arts - Station 4 - Sink M	2.58	1.00
LW-048N	503 Culinary Arts - Station 4 - Sink N	1.46	1.00
LW-048O	503 Culinary Arts - Station 4 - Sink O	5.02	1.00
LW-048P	503 Culinary Arts - Station 4 - Sink P	2.65	1.00
LW-026	Hall near 603	10.9	1.00
LW-040	Maintenance Break Room	ND	1.00
LW-031	Hall near 905	4.64	1.00
LW-032	Wood Shop 906	18.4	1.00
LW-018	Hall near Room 806	1.71	1.00
LW-018A	Hall near Room 806	4.45	1.00
LW-018B	Hall near Gymnasium #2	4.17	1.00
LW-018C	Hall near Gymnasium #2	3.07	1.00
LW-019 BTL	Hall near 700 (Bottle Filler)	ND	1.00
LW-019 BUB	Hall near 700 (Bubbler)	ND	1.00
LW-019A	Hall near 700	ND	1.00
LW-017C	Hall near Guidance Office	ND	1.00
LW-017D	Hall near Guidance Office	ND	1.00
LW-017	Hall near 16	ND	1.00
LW-017A	Hall near 16	ND	1.00
LW-016A	Glass Hall near Auditorium	1.24	1.00
LW-015A	Nurse's Office (Fountain)	ND	1.00
LW-015	Nurse's Office (Sink)	1.31	1.00
LW-014A	Main Foyer - Near Bathrooms	ND	1.00
LW-014B	Main Foyer - Near Bathroom	ND	1.00
LW-003D	Gymnasium #4	ND	1.00
LW-013B BTL	Outside 50 Hallway (Bottle Filler)	ND	1.00
LW-013B BUB	Outside 50 Hallway (Bubbler)	ND	1.00
LW-012D	Outside 70 Hallway	1.50	1.00
LW-012E	Outside 70 Hallway	ND	1.00

Sample No.	Location	Lead Concentration (µg/L)	Reporting Limit (µg/L)
LW-012	Hallway near Room S-1	9.06	1.00
LW-012A	Hallway near Room S-1	ND	1.00
LW-012B	Hallway near Room S-1	ND	1.00
LW-012C	Hallway near Room S-1	47.2	1.00
LW-010	90 Hallway - Near Bathrooms	ND	1.00
LW-010 BTL	90 Hallway - Near Bathrooms (Bottle Filler)	ND	1.00
LW-010 BUB	90 Hallway - Near Bathrooms (Bubbler)	ND	1.00
LW-009A	30 Hallway - Near Bathrooms	ND	1.00
LW-009B	30 Hallway - Near Bathrooms	ND	1.00
LW-009C	30 Hallway - Near Bathrooms	ND	1.00
LW-009D	30 Hallway - Near Bathrooms	ND	1.00
LW-009	Hall near 33	ND	1.00
BLANK 210821	BLANK	ND	1.00

Note: "ND" equals none detected; "µg/L" equals micrograms per liter which is equivalent to parts per billion (ppb)

The following samples exceeded the "action level" of 15 µg/L (ppb) established by the United States Environmental Protection Agency and adopted by the State of New Jersey.

Sample No.	Location	Lead Concentration (µg/L)	Reporting Limit (µg/L)
LW-050	500 Cafeteria	118	1.00
LW-050A	500 Cafeteria	106	1.00
LW-025B	500 Cafeteria - Kitchen Food Prep Sink	415	1.00
LW-032	Wood Shop 906	18.4	1.00
LW-012C	Hallway near Room S-1	47.2	1.00

The "action level" of 15 µg/L (ppb) does not necessarily signal a violation, but would trigger additional monitoring, maintenance, treatment and/or mitigation requirements. These five fixtures were taken out of service and "flush" samples were collected from them on September 16, 2021. Regarding the fixtures where lead was detected, but at a level below the action level, it is recommended that those fixtures be flushed periodically.

All laboratory analysis was performed by the trained staff at EMSL Analytical, Inc. in Cinnaminson, New Jersey and a copy of the analysis document is attached. If you have any questions or need more information, please do not hesitate to contact us at (856) 848-0800.

Sincerely,
HORIZON ENVIRONMENTAL GROUP, INC.



Steven J. Flanigan
Vice President



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 958-4571 Email: EnvChemistry2@emsl.com

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086
Phone: (609) 221-4660
Fax: (856) 848-0838

9/14/2021

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/23/2021. The results are tabulated on the attached data pages for the following client designated project:

16020-03 / Eastern Reg. HS

The reference number for these samples is EMSL Order #012109730. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

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

**EMSL Analytical, Inc.**

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

EMSL Order: 012109730
 CustomerID: MDS60
 CustomerPO:
 ProjectID:

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

Client Sample Description LW-019B
Hall Near Recital Room
Collected: 8/21/2021 7:06:00 AM
Lab ID: 012109730-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:22

Client Sample Description LW-019A
Hall Near 700
Collected: 8/21/2021 7:08:00 AM
Lab ID: 012109730-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:32

Client Sample Description LW-019BTL (Filler)
Hall Near 700
Collected: 8/21/2021 7:10:00 AM
Lab ID: 012109730-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:33

Client Sample Description LW-019BUB (Bubbler)
Hall Near 700
Collected: 8/21/2021 7:10:00 AM
Lab ID: 012109730-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:35

Client Sample Description LW-039
Hall Near 314
Collected: 8/21/2021 7:13:00 AM
Lab ID: 012109730-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.31	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:36

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

EMSL Order: 012109730
 CustomerID: MDS50
 CustomerPO:
 ProjectID:

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Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-038 Hall Near A306		8/21/2021 7:16:00 AM	012109730-0006		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:37
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-036BTL (Filler) Hall Near Media CTR 300		8/21/2021 7:19:00 AM	012109730-0007		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:39
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-036BUB (Bubbler) Hall Near Media CTR 300		8/21/2021 7:20:00 AM	012109730-0008		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:43
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-030 Hall Between 107/109		8/21/2021 7:25:00 AM	012109730-0009		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:44
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-029A Hall Near Gym #1		8/21/2021 7:29:00 AM	012109730-0010		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:46

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
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EMSL Order: 012109730
 CustomerID: MDS50
 CustomerPO:
 ProjectID:

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
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Thorofare, NJ 08086

Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-029 Hall Near Gym #1		8/21/2021 7:29:00 AM	012109730-0011		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:47
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-042 Girls Locker Room (Gym #1)		8/21/2021 7:32:00 AM	012109730-0012		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	2.39	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:51
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-041 Boys Locker Room (Gym #1)		8/21/2021 7:36:00 AM	012109730-0013		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:53
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-037BTL (Filler) Hall Near 401		8/21/2021 7:42:00 AM	012109730-0014		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:54
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-037BUB (Bubbler) Hall Near 401		8/21/2021 7:42:00 AM	012109730-0015		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 17:55

**EMSL Analytical, Inc.**

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Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

Client Sample Description LW-050
500 Cafeteria
Collected: 8/21/2021
7:54:00 AM
Lab ID: 012109730-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	118 D	2.00 µg/L	9/10/2021 IC	9/13/2021 JW 17:05

Client Sample Description LW-050A
500 Cafeteria
Collected: 8/21/2021
7:54:00 AM
Lab ID: 012109730-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	106 D	2.00 µg/L	9/10/2021 IC	9/13/2021 JW 17:07

Client Sample Description LW-024A
500 Cafeteria - Faculty Dining - Ice Machine
Collected: 8/21/2021
7:58:00 AM
Lab ID: 012109730-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.23	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:00

Client Sample Description LW-024
500 Cafeteria - Faculty Dining - Sink
Collected: 8/21/2021
8:02:00 AM
Lab ID: 012109730-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.61	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:01

Client Sample Description LW-025A
500 Cafeteria - Kitchen - Double Food Prep Sink
Collected: 8/21/2021
8:09:00 AM
Lab ID: 012109730-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.89	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:02

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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EMSL Order: 012109730

CustomerID: MDS50

CustomerPO:

ProjectID:

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Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

Client Sample Description LW-025B
500 Cafeteria - Kitchen - Food Prep Sink
Collected: 8/21/2021 8:10:00 AM
Lab ID: 012109730-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	415 D	10.0 µg/L	9/10/2021 IC	9/13/2021 JW 17:09

Client Sample Description LW-035BTL
Hall Outside Cafeteria 500
Collected: 8/21/2021 8:14:00 AM
Lab ID: 012109730-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:04

Client Sample Description LW-035BUB
Hall Outside Cafeteria 500
Collected: 8/21/2021 8:15:00 AM
Lab ID: 012109730-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:05

Client Sample Description LW-048
503 Culinary Arts - Front Sink
Collected: 8/21/2021 8:22:00 AM
Lab ID: 012109730-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.90	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:11

Client Sample Description LW-048A
503 Culinary Arts - Station 1 - Sink A
Collected: 8/21/2021 8:22:00 AM
Lab ID: 012109730-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.87	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:18

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Client Sample Description LW-048B
503 - Station 1 - Sink B
Collected: 8/21/2021
8:22:00 AM
Lab ID: 012109730-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.14	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:19

Client Sample Description LW-048C
503 - Station 1 - Sink C
Collected: 8/21/2021
8:23:00 AM
Lab ID: 012109730-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.45	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:20

Client Sample Description LW-048D
503 - Station 1 - Sink D
Collected: 8/21/2021
8:23:00 AM
Lab ID: 012109730-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.21	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:22

Client Sample Description LW-048E
503 - Station 2 - Sink E
Collected: 8/21/2021
8:24:00 AM
Lab ID: 012109730-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.49	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:23

Client Sample Description LW-048F
503 - Station 2 - Sink F
Collected: 8/21/2021
8:24:00 AM
Lab ID: 012109730-0030

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.29	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:25

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Project: 16020-03 / Eastern Reg. HS

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-048G 503 - Station 2 - Sink G		8/21/2021 8:25:00 AM	012109730-0031				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	3.98	1.00 µg/L	9/10/2021	VD	9/10/2021	VD
						18:26	
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-048H 503 - Station 2 - Sink H		8/21/2021 8:25:00 AM	012109730-0032				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	2.33	1.00 µg/L	9/10/2021	VD	9/10/2021	VD
						18:27	
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-048I 503 - Station 3 - Sink I		8/21/2021 8:26:00 AM	012109730-0033				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	1.73	1.00 µg/L	9/10/2021	VD	9/10/2021	VD
						18:29	
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-048J 503 - Station 3 - Sink J		8/21/2021 8:26:00 AM	012109730-0034				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	2.92	1.00 µg/L	9/10/2021	VD	9/10/2021	VD
						18:33	
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-048K 503 - Station 3 - Sink K		8/21/2021 8:27:00 AM	012109730-0035				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	ND	1.00 µg/L	9/10/2021	VD	9/10/2021	VD
						18:37	

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Analytical Results

Client Sample Description LW-048L
503 - Station 3 - Sink L
Collected: 8/21/2021
8:27:00 AM
Lab ID: 012109730-0036

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.95	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:39

Client Sample Description LW-048M
503 - Station 4 - Sink M
Collected: 8/21/2021
8:28:00 AM
Lab ID: 012109730-0037

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.58	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:40

Client Sample Description LW-048N
503 - Station 4 - Sink N
Collected: 8/21/2021
8:29:00 AM
Lab ID: 012109730-0038

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.46	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:41

Client Sample Description LW-048O
503 - Station 4 - Sink O
Collected: 8/21/2021
8:29:00 AM
Lab ID: 012109730-0039

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.02	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:43

Client Sample Description LW-048P
503 - Station 4 - Sink P
Collected: 8/21/2021
8:29:00 AM
Lab ID: 012109730-0040

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.65	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:44

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Client Sample Description LW-026
Hall Near 603
Collected: 8/21/2021
8:47:00 AM
Lab ID: 012109730-0041

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	10.9	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:52

Client Sample Description LW-040
Maintenance Break Room
Collected: 8/21/2021
8:51:00 AM
Lab ID: 012109730-0042

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:57

Client Sample Description LW-031
Hall Near 905
Collected: 8/21/2021
8:57:00 AM
Lab ID: 012109730-0043

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.64	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:58

Client Sample Description LW-032
Wood Shop 906
Collected: 8/21/2021
9:00:00 AM
Lab ID: 012109730-0044

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	18.4	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 18:59

Client Sample Description LW-018
Hall Near 806
Collected: 8/21/2021
9:05:00 AM
Lab ID: 012109730-0045

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.71	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:01

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Client Sample Description LW-018A
Hall Near 806
Collected: 8/21/2021 9:05:00 AM
Lab ID: 012109730-0046

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.45	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:02

Client Sample Description LW-018B
Hall Near Gym #2
Collected: 8/21/2021 9:08:00 AM
Lab ID: 012109730-0047

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.17	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:06

Client Sample Description LW-018C
Hall Near Gym #2
Collected: 8/21/2021 9:08:00 AM
Lab ID: 012109730-0048

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.07	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:08

Client Sample Description LW-019BTL
Hall Near 700
Collected: 8/21/2021 9:12:00 AM
Lab ID: 012109730-0049

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:09

Client Sample Description LW-019BUB
Hall Near 700
Collected: 8/21/2021 9:12:00 AM
Lab ID: 012109730-0050

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:10

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Analytical Results

Client Sample Description LW-019A
Hall Near 700
Collected: 8/21/2021
9:12:00 AM
Lab ID: 012109730-0051

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:12

Client Sample Description LW-017C
Hall Near Guidance Ofc
Collected: 8/21/2021
9:17:00 AM
Lab ID: 012109730-0052

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:16

Client Sample Description LW-017D
Hall Near Guidance Ofc
Collected: 8/21/2021
9:17:00 AM
Lab ID: 012109730-0053

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:17

Client Sample Description LW-017
Hall Near 16
Collected: 8/21/2021
9:22:00 AM
Lab ID: 012109730-0054

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:19

Client Sample Description LW-017A
Hall Near 16
Collected: 8/21/2021
9:22:00 AM
Lab ID: 012109730-0055

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:23

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Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-016A Glass Hallway Near Auditorium		8/21/2021 9:25:00 AM	012109730-0056				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	1.24	1.00 µg/L	9/10/2021	VD	9/10/2021 19:24	VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-015A Nurse's Office (Fountain)		8/21/2021 9:29:00 AM	012109730-0057				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	ND	1.00 µg/L	9/10/2021	VD	9/10/2021 19:26	VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-015 Nurse's Office (Sink)		8/21/2021 9:29:00 AM	012109730-0058				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	1.31	1.00 µg/L	9/10/2021	VD	9/10/2021 19:27	VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-014A Main Foyer - Near Bathrooms		8/21/2021 9:34:00 AM	012109730-0059				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	ND	1.00 µg/L	9/10/2021	VD	9/10/2021 19:29	VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-014B Main Foyer - Near Bathrooms		8/21/2021 9:34:00 AM	012109730-0060				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	ND	1.00 µg/L	9/10/2021	VD	9/10/2021 19:30	VD

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Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-013B-BTL Outside 50 Hallway		8/21/2021 9:47:00 AM	012109730-0061		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:35
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-013B-BUB Outside 50 Hallway		8/21/2021 9:47:00 AM	012109730-0062		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:42
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-012D Outside 70 Hallway		8/21/2021 9:53:00 AM	012109730-0063		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	1.50	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:44
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-012E Outside 70 Hallway		8/21/2021 9:53:00 AM	012109730-0064		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:45
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-012 Hall Near S-1		8/21/2021 9:57:00 AM	012109730-0065		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	9.06	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:47

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Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-012A Hall Near S-1		8/21/2021 9:57:00 AM	012109730-0066		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:48
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-012B Hall Near S-1		8/21/2021 9:57:00 AM	012109730-0067		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:49
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-012C Hall Near S-1		8/21/2021 9:57:00 AM	012109730-0068		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	47.2	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:51
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-010 90 Hall - Near Bathrooms		8/21/2021 10:03:00 AM	012109730-0069		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:52
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-010A-BTL (Filler) 90 Hall - Near Bathrooms		8/21/2021 10:03:00 AM	012109730-0070		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:56

**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: 012109730
 CustomerID: MDS50
 CustomerPO:
 ProjectID:

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-010A-BUB (Bubbler) 90 Hall - Near Bathrooms		8/21/2021 10:03:00 AM	012109730-0071		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 19:58
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-009A 30 Hall - Near Bathrooms		8/21/2021 10:10:00 AM	012109730-0072		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 20:02
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-009B 30 Hall - Near Bathrooms		8/21/2021 10:10:00 AM	012109730-0073		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 20:03
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-009C 30 Hall - Near Bathrooms		8/21/2021 10:10:00 AM	012109730-0074		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 20:05
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-009D 30 Hall - Near Bathrooms		8/21/2021 10:10:00 AM	012109730-0075		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 20:06

**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: 012109730

CustomerID: MDS50

CustomerPO:

ProjectID:

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

Client Sample Description LW-009
Hall Near 33
Collected: 8/21/2021
10:13:00 AM
Lab ID: 012109730-0076

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 20:07

Client Sample Description Blank 210821
Blank
Collected: 8/21/2021
Lab ID: 012109730-0077

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 20:09

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



Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

012109730

Cinnaminson, NJ 08077

Phone: 1-800-220-3675

Fax: (856) 786-5974

Company: Horizon Environmental Group, Inc.		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: P. O. Box 316		<i>Third Party Billing requires written authorization from third party</i>	
City: Thorofare	State/Province: NJ	Zip/Postal Code: 08086	Country: US
Report To (Name): David Flanigan		Telephone #: 856-848-0800	
Email Address: horizonenvgroup@gmail.com		Fax #: 856-848-0838	Purchase Order:
Project Name/Number: 16020-03 / Eastern Reg. HS		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
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

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <small>ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input checked="" type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input checked="" type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: D Flanigan / S Flanigan Signature of Sampler: *[Signature]*

Sample #	Location	Volume/Area	Date/Time Sampled
LW-019B		Hall near Recital Room	8/21/21 0706
LW-019A		Hall near 700	0708
LW-019BTL (FLOWER)	" " "	" " "	0710
LW-019BUB (BUBBLER)	" " "	" " "	0710
LW-039		Hall near 314	0713

Client Sample #'s: - Total # of Samples: 77

Relinquished (Client): *[Signature]* Date: 8/21/21 Time: 11:00 am

Received (Lab): *[Signature]* Date: 8-21-2021 Time: 11:00 am

Comments:

Eklepman 08/23/21 9:00 am
Page 1 of 5 pages

(77) *[Signature]*



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

LEAD (Pb) CHAIN OF CUSTODY
EMSL ORDER ID (Lab Use Only):

012109730

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077
TEL: 1-800-220-3675
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
LW-038		HALL NEAR A306	8/21/21 0706
LW-036 BTL (Fume)		HALL NEAR Media Ctr 300	0719
LW-036 BUB (Bubble)		" " " " "	0720
LW-030		HALL BETWEEN W7/109	0725
LW-029A		HALL NEAR Gym #1	0729
LW-029		" " " "	0729
LW-042		Girls Locker Room (Gym #1)	0732
LW-041		Boys Locker Room (Gym #1)	0736
LW-037 BTL		HALL NEAR 401	0742
LW-037 BUB		" " "	0742
LW-050		500 CAFETERIA	0754
LW-050A		500 CAFETERIA	0754
LW-024A		500 CAFETERIA - FACULTY DINING - ICE MACHINE	0758
LW-024		500 CAFETERIA - FACULTY DINING - SINK	0802
LW-025A		500 CAFETERIA - KITCHEN - DOUBLE FOOD PREP SINK	0809
LW-025B		500 CAFETERIA - KITCHEN - FOOD PREP SINK	0810
LW-035 BTL		HALL OUTSIDE CAFETERIA 500	0814
LW-035 BUB		HALL OUTSIDE CAFETERIA 500	0815
Comments/Special Instructions:			



LEAD (Pb) CHAIN OF CUSTODY
EMSL ORDER ID (Lab Use Only):

012109730

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077
Phone 1-800-220-3675
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
LW-048	503 CULINARY ARTS FRONT SINK		8/21/21 0822
LW-048A	503 CULINARY ARTS - STATION 1 SINK A		0822
LW-048B	503 - STATION 1 - SINK B		0822
LW-048C	" - " - SINK C		0823
LW-048D	" - " - SINK D		0823
LW-048E	" - STATION 2 - SINK E		0824
LW-048F	" - " - SINK F		0824
LW-048G	" - " - SINK G		0825
LW-048H	" - " - SINK H		0825
LW-048I	" - STATION 3 - SINK I		0826
LW-048J	" - " - SINK J		0826
LW-048K	" - " - SINK K		0827
LW-048L	" - " - SINK L		0827
LW-048M	" - STATION 4 - SINK M		0828
LW-048N	" - " - SINK N		0829
LW-048O	" - " - SINK O		0829
LW-048P	" - " - SINK P		0829
LW-026	HALL NEAR 603		V 0847
Comments/Special Instructions:			



LEAD (Pb) CHAIN OF CUSTODY
EMSL ORDER ID (Lab Use Only):

012109730

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077
Phone 1-800-220-3675
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
LW-040	MAINTENANCE BREAK ROOM		8/21/21 0851
LW-031	HALL NEAR 905		0857
LW-032	WOOD SHOP 906		0900
LW-018	HALL NEAR 806		0905
LW-018A	" " "		0905
LW-018B	HALL NEAR Gym #2		0908
LW-018C	" " " "		0908
LW-019 BTL	HALL NEAR 700		0912
LW-019 BUB	" " "		0912
LW-019 A	" " "		0912
LW-017C	HALL NEAR Guidance Ofc		0917
LW-017D	" " " "		0917
LW-017#	HALL NEAR 16		0922
LW-017A	" " "		0922
LW-016A	GLASS HALLWAY NEAR AUDITORIUM		0925
LW-015A	NURSE'S OFFICE (FOUNTAIN)		0929
LW-015	NURSE'S OFFICE (SINK)		0929
LW-014A	MAIN FOYER - NEAR BATHROOMS		0934
Comments/Special Instructions:			



LEAD (Pb) CHAIN OF CUSTODY
EMSL ORDER ID (Lab Use Only):

012109730

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077
Phone 1-800-220-3675
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
	LW-014B	MIRIN FOREK - NEAR BATHROOMS	8/21/21 0939
	LW-013B-BTL	OUTSIDE 50 HALLWAY	0947
	LW-013B-BUB	" " "	0947
	LW-012D	OUTSIDE 70 HALLWAY	0953
	LW-012E	" " "	0953
	LW-012 B	HALL NEAR S-1	0957
	LW-012A	" " "	0957
	LW-012B	" " "	0957
	LW-012C	" " "	0957
	LW-010	70 HALL - NEAR BATHROOMS	1003
	LW-010A-BTL (FILLER)	" " - " "	1003
	LW-010A-BUB (BUBBLE)	" " - " "	1003
	LW-009A	30 HALL - NEAR BATHROOMS	1010
	LW-009B	" " - " "	1010
	LW-009C	" " - " "	1010
	LW-009D	" " - " "	1010
	LW-009	HALL NEAR 33	1013
	BLANK 210821	BLANK	✓
Comments/Special Instructions:			



HORIZON ENVIRONMENTAL GROUP, INC.

P.O. Box 316
Thorofare, NJ 08086

Phone: 856-848-0800
Fax: 856-848-0838

October 24, 2021

Mr. Jeff Judge
Eastern Camden County Regional School District
1401 Laurel Oak Road
Voorhees, NJ 08043

Reference: Lead in Water Testing at Eastern Regional High School

Dear Mr. Judge:

Pursuant to your request, collection and analysis of twenty-five (25) first draw water samples from the domestic water supply system at the Eastern Regional High School facility have been completed. In accordance with applicable New Jersey guidelines, the samples were collected in the morning on Thursday, September 16, 2021, by personnel from Horizon Environmental Group, Inc., and submitted for analysis for the presence of lead using inductively coupled plasma mass spectrometry (ICP-MS) in accordance with USEPA Method 200.8. The results of the analyses of the samples are as follows:

Sample No.	Location	Lead Concentration (µg/L)	Reporting Limit (µg/L)
LW-051	Gymnasium #2 - Boys Locker Room	36.5	1.00
LW-053	Gymnasium #2 - Girls Locker Room	73.5	1.00
LW-053A	Gymnasium #2 - Girls Locker Room	50.4	1.00
LW-052	Trainer's Room - Ice Machine	ND	1.00
LW-054 BTL	Weight Room (Bottle Filler)	ND	1.00
LW-054 BUB	Weight Room (Bubbler)	ND	1.00
LW-004	Room 17 - Sink	ND	1.00
LW-004A	Room 17 - Sink	ND	1.00
LW-004B	Hall near Room 17	ND	1.00
LW-003	Room 18 - Sink	ND	1.00
LW-003A	Room 18 - Sink	1.75	1.00
LW-003B	Hallway Near Mechanical Room #3	2.04	1.00
LW-003C	Hallway Near Mechanical Room #3	2.71	1.00
LW-006A	20 Cafe Kitchen - Sink	1.03	1.00
LW-006B	20 Cafe Kitchen - Sink	ND	1.00
LW-005	20 Cafe - Teacher's Cafeteria Sink	ND	1.00
LW-005A	20 Cafe - Ice Machine	ND	1.00
LW-005B	20 Cafe - Water Cooler	6.20	1.00
LW-007	20 Cafe Hallway	1.01	1.00
LW-007A BTL	20 Cafe Hallway (Bottle Filler)	ND	1.00
LW-007A BUB	20 Cafe Hallway (Bubbler)	ND	1.00
LW-049	Stadium Concession Stand - Ice Machine	ND	1.00
LW-049B	Stadium Concession Stand - Sink	1.01	1.00
LW-049A	Sports Complex - Ice Machine	ND	1.00
BLANK 210916	BLANK	ND	1.00

Note: "ND" equals none detected; "µg/L" equals micrograms per liter which is equivalent to parts per billion (ppb)

The following samples exceeded the "action level" of 15 µg/L (ppb) established by the United States Environmental Protection Agency and adopted by the State of New Jersey.

Sample No.	Location	Lead Concentration (µg/L)	Reporting Limit (µg/L)
LW-051	Gymnasium #2 - Boys Locker Room	36.5	1.00
LW-053	Gymnasium #2 - Girls Locker Room	73.5	1.00
LW-053A	Gymnasium #2 - Girls Locker Room	50.4	1.00

The "action level" of 15 µg/L (ppb) does not necessarily signal a violation, but would trigger additional monitoring, maintenance, treatment and/or mitigation requirements. These three fixtures were taken out of service and "flush" samples were collected from them on October 15, 2021. Regarding the fixtures where lead was detected, but at a level below the action level, it is recommended that those fixtures be flushed periodically.

All laboratory analysis was performed by the trained staff at EMSL Analytical, Inc. in Cinnaminson, New Jersey and a copy of the analysis document is attached. If you have any questions or need more information, please do not hesitate to contact us at (856) 848-0800.

Sincerely,
HORIZON ENVIRONMENTAL GROUP, INC.



Steven J. Flanigan
Vice President



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2600 Fax: (856) 868-4571 Email: EnvChemistry2@emsl.com

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

10/2/2021

Phone: (609) 221-4660

Fax: (856) 848-0838

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/16/2021. The results are tabulated on the attached data pages for the following client designated project:

16020-03 / Eastern Reg. HS

The reference number for these samples is EMSL Order #012110709. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

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

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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

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

EMSL Order: 012110709

CustomerID: MDS50

CustomerPO:

ProjectID:

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 9/16/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-051 Gym #2 - Boys Locker Room		9/16/2021 5:40:00 AM	012110709-0001		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	36.5	1.00 µg/L	9/29/2021 IC	9/30/2021 JW 15:29
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-053 Gym #2 - Girls Locker Room		9/16/2021 5:45:00 AM	012110709-0002		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	73.5	1.00 µg/L	9/29/2021 IC	9/30/2021 JW 15:31
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-053A Gym #2 - Girls Locker Room		9/16/2021 5:45:00 AM	012110709-0003		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	50.4	1.00 µg/L	9/29/2021 IC	9/30/2021 JW 15:34
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-052 Trainer's Room - Ice Machine		9/16/2021 5:51:00 AM	012110709-0004		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:11
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-054 BTL (Filler) Weight Room - Fountain		9/16/2021 5:55:00 AM	012110709-0005		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:13

**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: 012110709
 CustomerID: MDS50
 CustomerPO:
 ProjectID:

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 9/16/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-054 BUB (Bubbler) Weight Room - Fountain		9/16/2021 5:55:00 AM	012110709-0006		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:17
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-004 Room 17 - Sink		9/16/2021 6:02:00 AM	012110709-0007		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:19
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-004A Room 17 - Sink		9/16/2021 6:02:00 AM	012110709-0008		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:23
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-004B Hall Near Room 17		9/16/2021 6:06:00 AM	012110709-0009		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:25
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-003 Room 18 - Sink		9/16/2021 6:09:00 AM	012110709-0010		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:26

**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: 012110709

CustomerID: MDS50

CustomerPO:

ProjectID:

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 9/16/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-003A Room 18 - Sink		9/16/2021 6:09:00 AM	012110709-0011				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	1.75	1.00 µg/L	9/30/2021	VD	9/30/2021	VD
						20:27	
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-003B Hall Near Mech Rm #3		9/16/2021 6:13:00 AM	012110709-0012				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	2.04	1.00 µg/L	9/30/2021	VD	9/30/2021	VD
						20:29	
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-003C Hall Near Mech Rm #3		9/16/2021 6:13:00 AM	012110709-0013				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	2.71	1.00 µg/L	9/30/2021	VD	9/30/2021	VD
						20:30	
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-006A 20 Café Kitchen - Sink		9/16/2021 6:19:00 AM	012110709-0014				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	1.03	1.00 µg/L	9/30/2021	VD	9/30/2021	VD
						20:38	
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>				
LW-006B 20 Café Kitchen - Sink		9/16/2021 6:19:00 AM	012110709-0015				
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	ND	1.00 µg/L	9/30/2021	VD	9/30/2021	VD
						20:39	

**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: 012110709

CustomerID: MDS50

CustomerPO:

ProjectID:

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 9/16/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-005 20 Café Kitchen - Teacher Café Sink		9/16/2021 6:23:00 AM	012110709-0016		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:41
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-005A 20 Café Kitchen - Teacher Café Ice Machine		9/16/2021 6:23:00 AM	012110709-0017		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 17:47
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-005B 20 Café Kitchen - Teacher Café Water Filler		9/16/2021 6:23:00 AM	012110709-0018		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	6.20	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 17:49
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-007 20 Café Hall		9/16/2021 6:29:00 AM	012110709-0019		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	1.01	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 17:50
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-007A BTL (Filler) 20 Café Hall		9/16/2021 6:29:00 AM	012110709-0020		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 17:52

**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: 012110709

CustomerID: MDS50

CustomerPO:

ProjectID:

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 9/16/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-007A BUB (Bubbler) 20 Café Hall		9/16/2021 6:29:00 AM	012110709-0021		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 17:56
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-049 Concession Stand - Ice Machine		9/16/2021 6:37:00 AM	012110709-0022		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 17:58
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-049B Concession Stand - Sink		9/16/2021 6:40:00 AM	012110709-0023		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	1.01	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 17:59
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
LW-049A Sport Complex - Ice Machine		9/16/2021 6:45:00 AM	012110709-0024		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/29/2021 IC	9/30/2021 JW 15:36
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
Blank 210916 Blank		9/16/2021 7:25:00 AM	012110709-0025		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 18:01



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:	012110709
CustomerID:	MDS50
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):

012110709

Cinnaminson, NJ 08077

Phone: 1-800-220-3675

Fax: (856) 786-5974

Company: Horizon Environmental Group, Inc.		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same	
Street: P. O. Box 316		If Bill to is Different note instructions in Comments**	
City: Thorofare	State/Province: NJ	Zip/Postal Code: 08086	Country: US
Report To (Name): David Flanigan		Telephone #: 856-848-0800	
Email Address: horizonenvgroup@gmail.com		Fax #: 856-848-0838	Purchase Order:
Project Name/Number: 16020-03 / Eastern Reg. HS		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
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

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <input type="checkbox"/> ASTM non ASTM <input type="checkbox"/> *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input checked="" type="checkbox"/> Preserved with HNO ₃ pH < 2 <input checked="" type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input checked="" type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: D Flanigan / S Flanigan Signature of Sampler: _____

Sample #	Location	Volume/Area	Date/Time Sampled
1	LW-051	Gym #2 - Boys Locker Room	9/16/21 0540
2	LW-053	Gym #2 - Girls Locker Room	0545
3	LW-053A	Gym #2 - Girls Locker Room	0545
4	LW-052	TRAINER'S ROOM - ICE MACHINE	0551
5	LW-054 BIL (Filter)	WEIGHT ROOM - FOUNTAIN	0555

Client Sample #'s: _____ Total # of Samples: 25

Relinquished (Client): *[Signature]* Date: 9/16/21 Time: 8:21 AM

Received (Lab): *[Signature]* Date: 9-16-21 Time: 9:00

Comments:

Ellyson 09/16/21 9:00

(25) EL



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID (Lab Use Only):

012110709

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077

Phone 1-800-220-3675

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	LW-054 BUB (BUBBLER)	WEIGHT ROOM - FOUNTAIN	9/16/21 0555
7	LW-004	ROOM 17 - SINK	0602
8	LW-004A	ROOM 17 - SINK	0602
9	LW-004B	HALL NEAR ROOM 17	0606
10	LW-004C LW-003	ROOM 18 - SINK	0609
11	LW-003A	ROOM 18 - SINK	0609
12	LW-003B	HALL NEAR MECH RM #3	0613
13	LW-003C	HALL NEAR MECH RM #3	0613
14	LW-006A	20 CAFE KITCHEN - SINK	0619
15	LW-006B	20 CAFE KITCHEN - SINK	0619
16	LW-005	20 CAFE - TEACHER CAFE SINK	0623
17	LW-005A	20 CAFE - TEACHER CAFE ICE MACHINE	0623
18	LW-005B	20 CAFE - TEACHER CAFE WATER COOLER	0623
19	LW-007	20 CAFE HALL	0629
20	LW-007A B/L (FLUOR)	20 CAFE HALL	0629
21	LW-007A BUB (BUBBLER)	20 CAFE HALL	0629
22	LW-049	CONCESSION STAND - ICE MACHINE	0637
23	LW-049B	CONCESSION STAND - SINK	0640

Comments/Special Instructions:

HORIZON ENVIRONMENTAL GROUP, INC.

P.O. Box 316
Thorofare, NJ 08086

Phone: 856-848-0800
Fax: 856-848-0838

October 24, 2021

Mr. Jeff Judge
Eastern Camden County Regional School District
1401 Laurel Oak Road
Voorhees, NJ 08043

Reference: Lead in Water Testing at Eastern Regional High School

Dear Mr. Judge:

Pursuant to your request, collection and analysis of five (5) flush draw water samples from the domestic water supply system at the Eastern Regional High School facility have been completed. In accordance with applicable New Jersey guidelines, the samples were collected in the morning on Thursday, September 16, 2021, by personnel from Horizon Environmental Group, Inc., and submitted for analysis for the presence of lead using inductively coupled plasma mass spectrometry (ICP-MS) in accordance with USEPA Method 200.8. The results of the analyses of the samples are as follows:

Sample No.	Location	Lead Concentration (µg/L)	Reporting Limit (µg/L)
LW-032 (FLUSH)	Wood Shop 906	2.29	1.00
LW-050 (FLUSH)	500 Cafeteria	1.92	1.00
LW-050A (FLUSH)	500 Cafeteria	1.38	1.00
LW-025B (FLUSH)	500 Cafeteria - Kitchen Food Prep Sink	ND	1.00
BLANK 210916 (FLUSH)	BLANK	ND	1.00

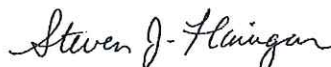
Note: "µg/L" equals micrograms per liter which is equivalent to parts per billion (ppb)

Please note that the results of each of the flush draw samples collected on September 16 did not exceed the "action level" of 15 µg/L (ppb), as established by the United States Environmental Protection Agency and adopted by the State of New Jersey. The "action level" of 15 µg/L (ppb) does not necessarily signal a violation, but would trigger additional monitoring, maintenance, treatment and/or mitigation requirements. Regarding the fixtures where lead was detected, but at a level below the action level, it is recommended that those fixtures be flushed periodically.

At the time of the site visit on September 16, the fixture in the hallway near room S-1 (LW-012C) was not in service.

All laboratory analysis was performed by the trained staff at EMSL Analytical, Inc. in Cinnaminson, New Jersey and a copy of the analysis document is attached. If you have any questions or need more information, please do not hesitate to contact us at (856) 848-0800.

Sincerely,
HORIZON ENVIRONMENTAL GROUP, INC.



Steven J. Flanigan
Vice President



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 868-4571 Email: EnvChemistry2@emsl.com

Attn:

David Flanigan
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

10/2/2021

Phone: (609) 221-4660

Fax: (856) 848-0838

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/16/2021. The results are tabulated on the attached data pages for the following client designated project:

16020-03 / Eastern Reg. HS

The reference number for these samples is EMSL Order #012110708. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



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

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

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

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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

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

EMSL Order: 012110708

CustomerID: MDS50

CustomerPO:

ProjectID:

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 9/16/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

Client Sample Description LW-032 (FLUSH)
Wood Shop 906
Collected: 9/16/2021 7:00:00 AM
Lab ID: 012110708-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.29	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:04

Client Sample Description LW-050 (FLUSH)
500 Cafeteria - Fountain
Collected: 9/16/2021 7:15:00 AM
Lab ID: 012110708-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.92	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:05

Client Sample Description LW-050A (FLUSH)
500 Cafeteria - Fountain
Collected: 9/16/2021 7:15:00 AM
Lab ID: 012110708-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.38	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:07

Client Sample Description LW-025B (FLUSH)
500 Cafeteria - Kitchen Food Prep Sink
Collected: 9/16/2021 7:15:00 AM
Lab ID: 012110708-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:08

Client Sample Description Blank 210916 (FLUSH)
Blank
Collected: 9/16/2021 7:25:00 AM
Lab ID: 012110708-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/30/2021 VD	9/30/2021 VD 20:10



EMSL Analytical, Inc.

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<http://www.EMSL.com>

EnvChemistry2@emsl.com

EMSL Order: 012110708

CustomerID: MDS50

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 DIVISION

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

012110708

Cinnaminson, NJ 08077
1-800-220-3675
(856) 786-5974

Company: Horizon Environmental Group, Inc. Street: P. O. Box 316 City: Thorofare State/Province: NJ Report To (Name): David Flanigan Email Address: horizonenvgroup@gmail.com Project Name/Number: 16020-03 / Eastern Reg. HS U.S. State Samples Taken: NJ		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small> Third Party Billing requires written authorization from third party Zip/Postal Code: 08086 Country: US Telephone #: 856-848-0800 Fax #: 856-848-0838 Purchase Order: Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
--	--	---	--

Turnaround Time (TAT) Options* - Please Check

3 Hour |
 6 Hour |
 24 Hour |
 48 Hour |
 72 Hour |
 96 Hour |
 1 Week |
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* 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	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input checked="" type="checkbox"/> EL 9116	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input checked="" type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: D FLANIGAN / S FLANIGAN | **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
1	LW-032 (FLUSH)	WOOD SHOP 90¢	9/16/21 0700
2	LW-050 (FLUSH)	500 CAFETERIA - FOUNTAIN	0715
3	LW-050A (FLUSH)	500 CAFETERIA - FOUNTAIN	0715
4	LW-025B (FLUSH)	500 CAFETERIA - KITCHEN FOOD PREP Sink	0715
5	BLANK 210916 (FLUSH)	BLANK	0725

Client Sample #'s | **Total # of Samples:** 5

Relinquished (Client):	Date: 9/16/21	Time: 8:31 AM
Received (Lab):	Date: 9-16-21	Time: 9am

Comments:

Elleperu 09/16/21 9:00 AM

(5) EL

HORIZON ENVIRONMENTAL GROUP, INC.

P.O. Box 316
Thorofare, NJ 08086

Phone: 856-848-0800
Fax: 856-848-0838

October 24, 2021

Mr. Jeff Judge
Eastern Camden County Regional School District
1401 Laurel Oak Road
Voorhees, NJ 08043

Reference: Lead in Water Testing at Eastern Regional High School

Dear Mr. Judge:

Pursuant to your request, collection and analysis of four (4) flush draw water samples from the domestic water supply system at the Eastern Regional High School facility have been completed. In accordance with applicable New Jersey guidelines, the samples were collected in the morning on Friday, October 15, 2021, by personnel from Horizon Environmental Group, Inc., and submitted for analysis for the presence of lead using inductively coupled plasma mass spectrometry (ICP-MS) in accordance with USEPA Method 200.8. The results of the analyses of the samples are as follows:

Sample No.	Location	Lead Concentration ($\mu\text{g/L}$)	Reporting Limit ($\mu\text{g/L}$)
LW-051	Gymnasium #2 - Boys Locker Room	ND	1.00
LW-053	Gymnasium #2 - Girls Locker Room	1.16	1.00
LW-053A	Gymnasium #2 - Girls Locker Room	1.00	1.00
BLANK 211015 (FLUSH)	BLANK	ND	1.00

Note: " $\mu\text{g/L}$ " equals micrograms per liter which is equivalent to parts per billion (ppb)

Please note that the results of each of the flush draw samples collected on October 15 did not exceed the "action level" of 15 $\mu\text{g/L}$ (ppb), as established by the United States Environmental Protection Agency and adopted by the State of New Jersey. The "action level" of 15 $\mu\text{g/L}$ (ppb) does not necessarily signal a violation, but would trigger additional monitoring, maintenance, treatment and/or mitigation requirements. Regarding the fixtures where lead was detected, but at a level below the action level, it is recommended that those fixtures be flushed periodically.

All laboratory analysis was performed by the trained staff at EMSL Analytical, Inc. in Cinnaminson, New Jersey and a copy of the analysis document is attached. If you have any questions or need more information, please do not hesitate to contact us at (856) 848-0800.

Sincerely,
HORIZON ENVIRONMENTAL GROUP, INC.



Steven J. Flanigan
Vice President



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2600 Fax: (856) 858-4671 Email: EnvChemistry2@emsl.com

Attn:

David Flanigan
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

10/21/2021

Phone: (609) 221-4660

Fax: (856) 848-0838

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/15/2021. The results are tabulated on the attached data pages for the following client designated project:

16020-03 / Eastern Reg. HS

The reference number for these samples is EMSL Order #012111788. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

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

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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

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

EMSL Order: 012111788

CustomerID: MDS50

CustomerPO:

ProjectID:

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 10/15/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results

Client Sample Description LW 051
Boys Locker Room Gym 2
Collected: 10/15/2021 6:20:00 AM
Lab ID: 012111788-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/18/2021 VD	10/19/2021 VD 11:33

Client Sample Description LW 053
Girls Locker Room Gym 2
Collected: 10/15/2021 6:30:00 AM
Lab ID: 012111788-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.16	1.00 µg/L	10/8/2021 IC	10/19/2021 JW 18:01

Client Sample Description LW 053A
Girls Locker Room Gym 2
Collected: 10/15/2021 6:30:00 AM
Lab ID: 012111788-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.00	1.00 µg/L	10/8/2021 IC	10/19/2021 JW 18:04

Client Sample Description Blank
Collected: 10/15/2021 6:40:00 AM
Lab ID: 012111788-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	10/18/2021 VD	10/19/2021 VD 11:37

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):

012111788

Cinnaminson, NJ 08077
1-800-220-3675
(856) 786-5974

Company: Horizon Environmental Group, Inc.		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: P. O. Box 316		Third Party Billing requires written authorization from third party	
City: Thorofare	State/Province: NJ	Zip/Postal Code: 08086	Country: US
Report To (Name): David Flanigan		Telephone #: 856-848-0800	
Email Address: horizonenvgroup@gmail.com		Fax #: 856-848-0838	Purchase Order:
Project Name/Number: 16020-03 / Eastern Reg. HS		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
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

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <small>*if no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input checked="" type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input checked="" type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: D. Flanigan Signature of Sampler: [Signature]

Sample #	Location	Volume/Area	Date/Time Sampled
1	LW 051	Boggs Locker Room 6oz	10/15/21 6:20am
2	LW 053	Girls Locker Room 6oz	10/15/21 6:30am
3	LW 053A	Girls Locker Room 6oz	10/15/21 6:30am
4	Blank		10/15/21 6:40am

Client Sample #'s: _____ Total # of Samples: 4

Relinquished (Client): [Signature] Date: 10-15-21 Time: 2:10pm

Received (Lab): [Signature] Date: 10/15/21 Time: 9^{am}

Comments: Eklypm 10115721 9:00am

(4) ER

ORIZON ENVIRONMENTAL GROUP, INC.

P.O. Box 316
Thorofare, NJ 08086

Phone: 856-848-0800
Fax: 856-848-0838

October 24, 2021

Mr. Jeff Judge
Eastern Camden County Regional School District
1401 Laurel Oak Road
Voorhees, NJ 08043

Reference: Lead in Water Testing at Eastern Learning Academy

Dear Mr. Judge:

Pursuant to your request, collection and analysis of two (2) first draw water samples from the domestic water supply system at the Eastern Learning Academy facility have been completed. In accordance with applicable New Jersey guidelines, the samples were collected in the morning on Thursday, September 16, 2021, by personnel from Horizon Environmental Group, Inc., and submitted for analysis for the presence of lead using inductively coupled plasma mass spectrometry (ICP-MS) in accordance with USEPA Method 200.8. The results of the analyses of the samples are as follows:

Sample No.	Location	Lead Concentration ($\mu\text{g/L}$)	Reporting Limit ($\mu\text{g/L}$)
ELA-04	Kitchen - Sink	ND	1.00
BLANK 210916	BLANK	ND	1.00

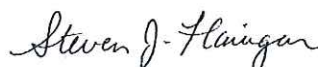
Note: " $\mu\text{g/L}$ " equals micrograms per liter which is equivalent to parts per billion (ppb)

Please note that the results of each of the first draw samples collected on September 16 did not exceed the "action level" of 15 $\mu\text{g/L}$ (ppb), as established by the United States Environmental Protection Agency and adopted by the State of New Jersey. The "action level" of 15 $\mu\text{g/L}$ (ppb) does not necessarily signal a violation, but would trigger additional monitoring, maintenance, treatment and/or mitigation requirements.

Three fixtures that were present in the facility during the testing in August 2017 are no longer in the facility.

All laboratory analysis was performed by the trained staff at EMSL Analytical, Inc. in Cinnaminson, New Jersey and a copy of the analysis document is attached. If you have any questions or need more information, please do not hesitate to contact us at (856) 848-0800.

Sincerely,
HORIZON ENVIRONMENTAL GROUP, INC.



Steven J. Flanigan
Vice President



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

10/2/2021

Phone: (609) 221-4660

Fax: (856) 848-0838

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/16/2021. The results are tabulated on the attached data pages for the following client designated project:

16020-03 / Eastern Learning Acad.

The reference number for these samples is EMSL Order #012110707. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

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

**EMSL Analytical, Inc.**

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

EMSL Order: 012110707
 CustomerID: MDS50
 CustomerPO:
 ProjectID:

Attn: **David Flanigan**
Horizon Environmental Group, Inc.
P.O. Box 316
Thorofare, NJ 08086

Phone: (609) 221-4660
 Fax: (856) 848-0838
 Received: 9/16/2021 09:00 AM

Project: 16020-03 / Eastern Learning Acad.

Analytical Results

Client Sample Description ELA-04 **Collected:** 9/16/2021 7:50:00 AM **Lab ID:** 012110707-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L	9/30/2021	VD	9/30/2021	VD
						19:55	

Client Sample Description Blank 210916-ELA **Collected:** 9/16/2021 7:52:00 AM **Lab ID:** 012110707-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L	9/30/2021	VD	9/30/2021	VD
						20:03	

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):

012110707

Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

Company: Horizon Environmental Group, Inc.		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>		
Street: P. O. Box 316		Third Party Billing requires written authorization from third party		
City: Thorofare	State/Province: NJ	Zip/Postal Code: 08086	Country: US	
Report To (Name): David Flanigan		Telephone #: 856-848-0800		
Email Address: horizonenvgroup@gmail.com		Fax #: 856-848-0838	Purchase Order:	
Project Name/Number: 16020-03 / Eastern Learning Acad.		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail		
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	
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
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	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input checked="" type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input checked="" type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Name of Sampler:		Signature of Sampler:		
Sample #	Location	Volume/Area	Date/Time Sampled	
	ELA-01		—	
	ELA-02		—	
	ELA-03		—	
	ELA-04	Kitchen Sink	9/16/21 7:50	
	Blank 210916-ELA	Blank	9/16/21 7:52	
Client Sample #'s		Total # of Samples:		
Relinquished (Client):		Date: 9/16/21	Time: 8:21 am	
Received (Lab):		Date: 9-16-21	Time: 9L	
Comments:				

Epley 09/16/21 9:00 am
Page 1 of 1 pages

(2) EL