

#### 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  $\mu$ 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  $\mu$ g/l [ppb]).

The table below identifies the drinking water outlets that tested above the 15  $\mu$ 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 µg/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

in cloude

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-0480	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  $\mu$ g/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  $\mu$ g/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

Steven J- Hangan



200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2509 Fax: (856) 858-4571 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

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:

9/14/2021

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.



200 Route 130 North, Cinnaminson, NJ 08077 (856) 303-2500 / (856) 858-4571 Phone/Fax:

http://www.EMSL.com

EnvChemistry2@emsl.com

CustomerID:

012109730 MDS50

CustomerPO: ProjectID:

EMSL Order:

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** 

Collected:

Collected:

8/21/2021

Lab ID:

012109730-0001

7:06:00 AM

Prep

Analysis Date & Analyst

Method **METALS** 

200.8 Lead

Client Sample Description

Client Sample Description

Result

ND

Result

ND

1.00 µg/L

**RL Units** 

1.00 µg/L

**RL Units** 

9/10/2021

VD

VD

8/21/2021 7:08:00 AM Lab ID:

Date & Analyst

012109730-0002

9/10/2021

17:22

LW-019A Hall Near 700

Parameter

LW-019B

Parameter

Hall Near Recital Room

Prep

Date & Analyst

Analysis Date & Analyst

Method **METALS** 

Lead 200.8

LW-019BTL (Filler)

Collected:

9/10/2021

9/10/2021 VD 17:32

VD

VD

VD

Client Sample Description

Hall Near 700

7:10:00 AM

8/21/2021

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

17:33

9/10/2021

Client Sample Description

LW-019BUB (Bubbler) Hall Near 700

Collected:

8/21/2021 7:10:00 AM Lab ID:

012109730-0004

Method

Parameter

Result

ND

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

Lead 200.8

1.00 µg/L

9/10/2021

9/10/2021 17:35

17:36

Client Sample Description

LW-039 Hall Near 314 Collected:

8/21/2021 7:13:00 AM Lab ID:

VD

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

9/10/2021 VD

VD



Attn: David Flanigan

P.O. Box 316

#### EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077 (856) 303-2500 / (856) 858-4571 Phone/Fax:

http://www.EMSL.com

Horizon Environmental Group, Inc.

EnvChemistry2@emsl.com

Phone:

(609) 221-4660

Fax:

(856) 848-0838

Received:

8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Thorofare, NJ 08086

**Analytical Results** 

LW-038

Collected:

8/21/2021

7:16:00 AM

Lab ID:

012109730-0006

012109730

MDS50

Hall Near A306

Parameter

Parameter

Result

**RL Units** 

Prep Date & Analyst

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

**Analysis** Date & Analyst

**METALS** 

Method

Lead 200.8

Client Sample Description

ND

Result

Result

1.00 µg/L

9/10/2021

9/10/2021 17:37

VD

Collected:

8/21/2021

Lab ID:

Prep

Date & Analyst

012109730-0007

Client Sample Description

LW-036BTL (Filler) Hall Near Media CTR 300

7:19:00 AM

VD

VD

VD

Analysis

Date & Analyst

Method **METALS** 

Lead 200.8

ND

1.00 µg/L

**RL Units** 

9/10/2021

9/10/2021

17:39

VD

Client Sample Description

LW-036BUB (Bubbler) Hall Near Media CTR 300

Collected: 8/21/2021 7:20:00 AM Lab ID:

012109730-0008

Method

Parameter

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 200.8 Lead

ND

1.00 µg/L

9/10/2021

9/10/2021 17:43

VD

VD

Client Sample Description

LW-030 Hall Between 107/109 Collected:

8/21/2021 7:25:00 AM Lab ID:

012109730-0009

Method

Parameter

Result

RL Units

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

Lead 200.8

ND

1.00 µg/L

9/10/2021

VD 9/10/2021 17:44

Client Sample Description

LW-029A Hall Near Gym #1 Collected:

8/21/2021 7:29:00 AM 012109730-0010

Method

Parameter

Result

**RL Units** 

Prep Date & Analyst

Lab ID:

Analysis Date & Analyst

200.8

**METALS** 

Lead

ND

1.00 µg/L

9/10/2021

9/10/2021 VD 17:46



200 Route 130 North, Cinnaminson, NJ 08077 (856) 303-2500 / (856) 858-4571 Phone/Fax:

http://www.EMSL.com

EnvChemistry2@emsl.com

EMSL Order: CustomerID:

012109730

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

Client Sample Description

**Analytical Results** 

LW-029

Hall Near Gym #1

Collected:

8/21/2021

Lab ID:

012109730-0011

7:29:00 AM

Prep

Analysis

Date & Analyst Date & Analyst Result **RL Units** Method Parameter

METALS

VD 9/10/2021 9/10/2021 ND 1.00 µg/L 200.8 Lead 17:47

012109730-0012 Lab ID: 8/21/2021 Collected: LW-042 Client Sample Description

7:32:00 AM

Girls Locker Room (Gym #1)

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

**METALS** 

VD 9/10/2021 1.00 µg/L 9/10/2021 2.39 Lead 200.8 17:51

012109730-0013 Lab ID: Collected: 8/21/2021 LW-041 Client Sample Description

7:36:00 AM Boys Locker Room (Gym #1)

1.00 µg/L

9/10/2021

Analysis Prep

9/10/2021

Analysis

VD

Date & Analyst Date & Analyst **RL Units** Result Parameter Method

ND

METALS

Client Sample Description

Lead 200.8 17:53 012109730-0014 8/21/2021 Lab ID: Collected:

LW-037BTL (Filler) 7:42:00 AM

Hall Near 401

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

**METALS** 

VD 9/10/2021 9/10/2021 ND 1.00 µg/L 200.8 Lead 17:54

Lab ID: 012109730-0015 8/21/2021 Collected: LW-037BUB (Bubbler) Client Sample Description

7:42:00 AM Hall Near 401

Prep

Date & Analyst Date & Analyst **RL Units** Result Parameter Method

**METALS** 9/10/2021 VD 9/10/2021 1.00 µg/L ND Lead 200.8 17:55



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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** 

Collected:

Lab ID:

012109730-0016

8/21/2021 7:54:00 AM

Result

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

Method

200.8 Lead

118 D

2.00 µg/L

9/10/2021

9/13/2021 IC 17:05

JW

Client Sample Description

Client Sample Description

LW-050A

LW-050

Parameter

500 Cafeteria

Collected:

8/21/2021 7:54:00 AM Lab ID:

012109730-0017

500 Cafeteria

Parameter

Result

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

Method

300.8 Lead

106 D

2.00 µg/L

9/10/2021

9/13/2021

JW 17:07

Client Sample Description

LW-024A

Parameter

500 Cafeteria - Faculty Dining - Ice Machine

Collected:

8/21/2021

Lab ID: 012109730-0018

7:58:00 AM

**RL Units** 

Prep

Analysis

Method

**METALS** 200.8 Lead

1.00 µg/L

9/10/2021

Date & Analyst Date & Analyst

> 9/10/2021 18:00

8/21/2021 Lab ID: 012109730-0019 Collected: Client Sample Description LW-024

1.23

Result

500 Cafeteria - Faculty Dining - Sink

VD

VD

VD

8:02:00 AM

Prep

Date & Analyst

Analysis

Date & Analyst

Method **METALS** 

200.8

Lead

2.61

Result

**RL Units** 

9/10/2021

9/10/2021

LW-025A

Parameter

1.00 µg/L

VD 18:01 Lab ID:

012109730-0020

Client Sample Description

500 Cafeteria - Kitchen - Double Food Prep Sink

Collected:

8/21/2021 8:09:00 AM

Parameter

Result

RL Units

Prep Date & Analyst

Analysis Date & Analyst

Method **METALS** 

200.8 Lead 4.89

1.00 µg/L

9/10/2021

VD 18:02

9/10/2021



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 MDS50

CustomerID: 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 F	Results			
Client Sample Description	n LW-025B 500 Cafeteria - Kitchen - Food Prej	o Sink	Collected:	8/21/2021 8:10:00 AM		012109730-0021
Method	Parameter	Result	RL Unit	's	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	n LW-035BTL Hall Outside Cafeteria 500		Collected:	8/21/2021 8:14:00 AM	Lab ID:	012109730-0022
Method	Parameter	Result	RL Unit	s	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	n LW-035BUB Hall Outside Cafeteria 500		Collected:	8/21/2021 8:15:00 AM	Lab ID:	012109730-0023
Method	Parameter	Result	RL Units	3	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	9/10/2021 VD	9/10/2021 VD 18:11
Client Sample Description	LW-048A 503 Culinary Arts - Station 1 - Sink A	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						
00.8	Lead	1.87	1.00 µg/L	9	0/10/2021 VD	9/10/2021 VD 18:18

18:18



200 Route 130 North, Cinnaminson, NJ 08077 (856) 303-2500 / (856) 858-4571 Phone/Fax:

http://www.EMSL.com

EnvChemistry2@emsl.com

EMSL Order: CustomerID:

012109730

MDS50

CustomerPO: ProjectID:

**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** 

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

Analysis Prep Parameter Result **RL Units** Date & Analyst Date & Analyst Method **METALS** 1.00 µg/L 2.14 9/10/2021 VD 9/10/2021 VD 200.8 Lead 18:19 LW-048C Collected: 8/21/2021 Lab ID: 012109730-0027 Client Sample Description 8:23:00 AM 503 - Station 1 - Sink C Prep Analysis RL Units Date & Analyst Date & Analyst Method Parameter Result **METALS** 1.00 µg/L VD 9/10/2021 1.45 9/10/2021 VD 200.8 Lead 18:20 012109730-0028 LW-048D Collected: 8/21/2021 Lab ID: Client Sample Description 503 - Station 1 - Sink D 8:23:00 AM Prep Analysis Result **RL Units** Date & Analyst Date & Analyst Parameter Method **METALS** 1.21 1.00 µg/L 9/10/2021 VD 9/10/2021 VD 200.8 Lead 18:22 012109730-0029 Client Sample Description LW-048E Collected: 8/21/2021 Lab ID: 8:24:00 AM 503 - Station 2 - Sink E Analysis Prep Method Parameter Result **RL Units** Date & Analyst Date & Analyst **METALS** 9/10/2021 VD 9/10/2021 VD 2.49 1.00 µg/L 200.8 Lead 18:23 012109730-0030 LW-048F Collected: 8/21/2021 Lab ID: Client Sample Description 8:24:00 AM 503 - Station 2 - Sink F Prep Analysis Method Parameter Result **RL Units** Date & Analyst Date & Analyst **METALS** 1.00 µg/L 9/10/2021 VD 9/10/2021 VD 4.29 200.8 Lead

18:25



200 Route 130 North, Cinnaminson, NJ 08077 (856) 303-2500 / (856) 858-4571 Phone/Fax:

http://www.EMSL.com EnvChemistry2@emsl.com EMSL Order:

012109730

CustomerID:

MDS50

CustomerPO: ProjectID:

David Flanigan

Horizon Environmental Group, Inc. P.O. Box 316

Parameter

LW-048H

Parameter

503 - Station 2 - Sink H

Thorofare, NJ 08086

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Received:

8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

**Analytical Results** 

Client Sample Description

LW-048G 503 - Station 2 - Sink G Collected:

Lab ID:

012109730-0031

8:25:00 AM

8/21/2021

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

Method

200.8 Lead

Client Sample Description

3.98

1.00 µg/L

9/10/2021

VD 9/10/2021

VD

Result

Result

Collected:

**RL Units** 

8/21/2021

012109730-0032 Lab ID:

18:26

8:25:00 AM

Prep Date & Analyst Analysis

Date & Analyst

Method **METALS** 

200.8 Lead

2.33 1.00 µg/L 9/10/2021

VD 18:27

9/10/2021 VD

LW-0481 Client Sample Description

503 - Station 3 - Sink I

8/21/2021 Collected:

Lab ID:

012109730-0033

8:26:00 AM

Parameter

Result

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

VD

VD

**METALS** 

Method

200.8 Lead 1.73 1.00 µg/L 9/10/2021

503 - Station 3 - Sink J

Collected:

8/21/2021

18:29

9/10/2021

9/10/2021

18:33

LW-048J Client Sample Description

Parameter

8:26:00 AM

Lab ID:

VD

012109730-0034

**RL Units** 

Prep Date & Analyst Analysis

**METALS** 

Method

200.8 Lead

2.92

1.00 µg/L

9/10/2021

VD

Date & Analyst

Collected:

Lab ID:

012109730-0035

Client Sample Description LW-048K

503 - Station 3 - Sink K

8/21/2021 8:27:00 AM

Method

Parameter

Result

Result

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

200.8 l ead

ND

1.00 µg/L

9/10/2021

VD 18:37

9/10/2021 VD

Page 8 of 17



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ProjectID:

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8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

**Analytical Results** 

Client Sample Description LW-048L Collected:

8/21/2021 8:27:00 AM Lab ID:

012109730-0036

503 - Station 3 - Sink L

Result

5.95

RL Units

Prep Date & Analyst

Analysis Date & Analyst

METALS

Method

200.8 Lead

1.00 µg/L

VD 9/10/2021 18:39

VD

Client Sample Description

LW-048M

**Parameter** 

Parameter

Collected:

8/21/2021 8:28:00 AM Lab ID:

012109730-0037

503 - Station 4 - Sink M

Result

**RL Units** 

Prep Date & Analyst

9/10/2021

Analysis Date & Analyst

METALS

Method

200.8 Lead 2.58

1.00 µg/L

9/10/2021

9/10/2021 18:40

VD

VD

VD

Client Sample Description

LW-048N

Parameter

503 - Station 4 - Sink N

Collected:

8/21/2021 8:29:00 AM Lab ID:

VD

012109730-0038

Method

**METALS** 

Result

1.46

Result

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

200.8 Lead

1.00 µg/L

9/10/2021

9/10/2021 18:41

Client Sample Description

LW-048O 503 - Station 4 - Sink O Collected:

012109730-0039 Lab ID:

8/21/2021 8:29:00 AM

VD

Method **METALS** 

Lead

5.02

**RL Units** 

1.00 µg/L

Prep Date & Analyst

9/10/2021

Analysis Date & Analyst

200.8

Client Sample Description LW-048P

Collected:

8/21/2021

Lab ID:

012109730-0040

9/10/2021

18:43

Parameter

503 - Station 4 - Sink P

8:29:00 AM

VD

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 18:44

9/10/2021 VD

Page 9 of 17



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012109730 MDS50

CustomerID: CustomerPO:

ProjectID:

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Project: 16020-03 / Eastern Reg. HS

**Analytical Results** 

Client Sample Description LW-026 Collected: 8/21/2021 Lab ID: 012109730-0041 Hall Near 603 8:47:00 AM Prep Analysis Method Parameter Result **RL Units** Date & Analyst Date & Analyst **METALS** 10.9 200.8 1.00 µg/L 9/10/2021 VD 9/10/2021 Lead VD 18:52 Client Sample Description LW-040 8/21/2021 012109730-0042 Collected: Lab ID: Maintenance Break Room 8:51:00 AM Prep **Analysis** Method Parameter Result **RL Units** Date & Analyst Date & Analyst **METALS** ND 1.00 µg/L VD 9/10/2021 200.8 Lead 9/10/2021 VD 18:57 LW-031 Client Sample Description Collected: 8/21/2021 Lab ID: 012109730-0043 Hall Near 905 8:57:00 AM Prep Analysis Method Parameter **RL Units** Date & Analyst Result Date & Analyst **METALS** 4.64 1.00 µg/L 9/10/2021 VD 9/10/2021 200.8 Lead VD 18:58 Client Sample Description LW-032 Collected: 8/21/2021 Lab ID: 012109730-0044 Wood Shop 906 9:00:00 AM Prep Analysis Method Parameter Result **RL Units** Date & Analyst 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 Collected: 8/21/2021 Lab ID: 012109730-0045 Hall Near 806 9:05:00 AM Prep Analysis Method Parameter Result **RL Units** Date & Analyst Date & Analyst **METALS** 9/10/2021 VD 9/10/2021 200.8 Lead 1.71 1.00 µg/L VD

19:01



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 EMSL Order: CustomerID: 012109730 MDS50

CustomerID: I

ProjectID:

Attn: David Flanigan

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Fax:

(856) 848-0838

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8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical Results	Anal	lytica	ı Kesi	iits
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Client Sample Descripti	ion LW-018A Hall Near 806		Collected:	8/21/2021 9:05:00 AM	Lab ID:	012109730-0046
Method	Parameter	Result	RL Units	i i	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 Descripti	on LW-018B Hall Near Gym #2			8/21/2021 0:08:00 AM	Lab ID:	012109730-0047
Method	Parameter	Result	RL Units	ī	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	on LW-018C Hall Near Gym #2			8/21/2021 :08:00 AM	Lab ID:	012109730-0048
<i>Method</i> METALS	Parameter	Result	RL Units	L	Prep Date & Analyst	Analysis Date & Analyst
200.8	Lead	3.07	1.00 μg/L	9/*	10/2021 VD	9/10/2021 VD 19:08
Client Sample Description	on LW-019BTL Hall Near 700			8/21/2021 :12:00 AM	Lab ID:	012109730-0049
flethod	Parameter	Result	RL Units	L	Prep Date & Analyst	Analysis Date & Analyst
METALS						
00.8	Lead	ND	1.00 µg/L	9/1	10/2021 VD	9/10/2021 VD 19:09
Client Sample Descriptio	on LW-019BUB Hall Near 700			8/21/2021 12:00 AM	Lab ID:	012109730-0050
lethod	Parameter	Result	RL Units	D	Prep Date & Analyst	Analysis Date & Analyst
METALS						
00.8	Lead	ND	1.00 μg/L	9/1	0/2021 VD	9/10/2021 VD 19:10



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012109730

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CustomerPO: ProjectID:

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Project: 16020-03 / Eastern Reg. HS

	Ana	lytical	Results	
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		, titled y at oot 1 .			
Client Sample Description	on LW-019A Hall Near 700			21/2021 <b>Lab ID:</b> 2:00 AM	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	n LW-017C Hall Near Guidance Ofc			1/2021 <b>Lab ID:</b> :00 AM	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	n LW-017D Hall Near Guidance Ofc			1/2021 <b>Lab ID:</b> :00 AM	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	n LW-017 Hall Near 16			1/2021 <b>Lab ID:</b> 00 AM	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	1 LW-017A Hall Near 16			1/2021 <b>Lab ID:</b> 00 AM	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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012109730

CustomerID: MDS50

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Received:

8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

**Analytical Results** 

Client Sample Description LW-016A

Collected:

8/21/2021 9:25:00 AM Lab ID:

012109730-0056

Glass Hallway Near Auditorium

Result

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

Method

200.8 Lead 1.24

1.00 µg/L

9/10/2021

VD 9/10/2021 19:24

VD

LW-015A Client Sample Description

Parameter

Parameter

Parameter

Collected:

8/21/2021

Lab ID: 012109730-0057

9:29:00 AM

Nurse's Office (Fountain)

Result **RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

Method

200.8 Lead ND 1.00 µg/L 9/10/2021

9/10/2021 19:26

VD

VD

VD

Client Sample Description

LW-015

Collected:

8/21/2021 9:29:00 AM Lab ID:

012109730-0058

Nurse's Office (Sink)

**RL Units** Result

Prep Date & Analyst

Analysis Date & Analyst

VD

**METALS** 

Method

200.8 Lead 1.31

1.00 µg/L

9/10/2021

9/10/2021

19:27

Client Sample Description

LW-014A Main Foyer - Near Bathrooms Collected:

8/21/2021

012109730-0059 Lab ID:

9:34:00 AM

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 19:29

VD

Client Sample Description LW-014B

Main Foyer - Near Bathrooms

Collected:

8/21/2021 9:34:00 AM Lab ID:

012109730-0060

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 19:30

VD



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EMSL Order:

012109730 MDS50

CustomerID: CustomerPO:

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Received:

8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

<b>Analytical R</b>	esults
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		, many croan i				
Client Sample Descript	ion LW-013B-BTL Outside 50 Hallway		Collected:	8/21/2021 9:47:00 AM	Lab ID:	012109730-0061
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00 µg/L	9	9/10/2021 VD	9/10/2021 VD 19:35
Client Sample Descripti	ion LW-013B-BUB Outside 50 Hallway		Collected:	8/21/2021 9:47:00 AM	Lab ID:	012109730-0062
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 19:42
Client Sample Descripti	on LW-012D Outside 70 Hallway			8/21/2021 0:53:00 AM	Lab ID:	012109730-0063
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS 00.8	Lead	1.50	1.00 μg/L	9/	/10/2021 VD	9/10/2021 VD 19:44
Client Sample Description	on LW-012E Outside 70 Hallway			8/21/2021 :53:00 AM	Lab ID:	012109730-0064
lethod	Parameter	Result	RL Units	id	Prep Date & Analyst	Analysis Date & Analyst
METALS						
00.8	Lead	ND	1.00 µg/L	9/	/10/2021 VD	9/10/2021 VD 19:45
Client Sample Description	on LW-012 Hall Near S-1			8/21/2021 :57:00 AM	Lab ID:	012109730-0065
lethod	Parameter	Result	RL Units	1	Prep Date & Analyst	Analysis Date & Analyst
METALS						
00.8	Lead	9.06	1.00 µg/L	9/	10/2021 VD	9/10/2021 VD 19:47



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EMSL Order:

012109730 MDS50

CustomerID:

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Received:

8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

**Analytical Results** 

Client Sample Description LW-012A Collected:

8/21/2021

Lab ID:

012109730-0066

9:57:00 AM

Result

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

Method

200.8 Lead

Parameter

LW-012C

Parameter

Hall Near S-1

ND

1.00 µg/L

**RL Units** 

1.00 µg/L

9/10/2021

VD

VD

VD

VD

VD

VD

VD

Client Sample Description

LW-012B

Collected:

8/21/2021

Lab ID:

012109730-0067

9/10/2021

9/10/2021

19:49

19:48

Hall Near S-1 9:57:00 AM

Result

ND

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

Method

200.8 Lead

Client Sample Description

Collected:

8/21/2021

Lab ID:

012109730-0068

Hall Near S-1

9:57:00 AM

Prep Date & Analyst Analysis

**METALS** 

Method

200.8 Lead 47.2

Result

1.00 µg/L

**RL Units** 

9/10/2021

9/10/2021

Date & Analyst

Client Sample Description LW-010

Parameter

90 Hall - Near Bathrooms

Collected:

8/21/2021

Lab ID:

012109730-0069

9/10/2021

19:51

10:03:00 AM

Method

Parameter

Result

**RL Units** 

1.00 µg/L

Prep Date & Analyst

Analysis Date & Analyst

METALS

200.8 Lead

9/10/2021

VD 9/10/2021 19:52

Client Sample Description

LW-010A-BTL (Filler) 90 Hall - Near Bathrooms Collected:

8/21/2021 Lab ID: 10:03:00 AM

012109730-0070

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

Method

200.8 Lead Result

ND

9/10/2021 VD

Parameter

ND

1.00 µg/L

9/10/2021

VD 19:56



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EMSL Order:

012109730

CustomerID:

MDS50

CustomerPO: ProjectID:

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Received:

8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analvtical Resul	ts	S
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Client Sample Description	bn LW-010A-BUB (Bubbler) 90 Hall - Near Bathrooms		Collected: 8/21/20 10:03:00 /		012109730-0071
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 19:58
Client Sample Descriptio	n LW-009A 30 Hall - Near Bathrooms		Collected: 8/21/203		012109730-0072
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
8.008	Lead	ND	1.00 μg/L	9/10/2021 VD	9/10/2021 VD 20:02
Client Sample Description	n LW-009B 30 Hall - Near Bathrooms	8.	<b>Collected:</b> 8/21/202 10:10:00 A		012109730-0073
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS	14	ND	1.00	0/40/2024	0/40/2024
200.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 20:03
Client Sample Description	u LW-009C 30 Hall - Near Bathrooms		<b>Collected:</b> 8/21/202 10:10:00 A		012109730-0074
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 20:05
Client Sample Description	LW-009D 30 Hall - Near Bathrooms		<b>Collected:</b> 8/21/202 10:10:00 Al		012109730-0075
lethod .	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
00.8	Lead	ND	1.00 µg/L	9/10/2021 VD	9/10/2021 VD 20:06



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EMSL Order:

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CustomerID:

MDS50

CustomerPO: ProjectID:

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8/23/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

**Analytical Results** 

Collected: 8/21/2021 Lab ID: LW-009 012109730-0076 Client Sample Description Hall Near 33 10:13:00 AM Prep Analysis Date & Analyst **RL Units** Date & Analyst Method Parameter Result **METALS** 9/10/2021 9/10/2021 VD ND 1.00 µg/L VD 200.8 Lead 20:07 8/21/2021 Lab ID: 012109730-0077 Blank 210821 Collected: Client Sample Description Blank

				Prep	Analysis
Method	Parameter	Result	RL Units	Date & Analyst	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

RL - Reporting Limit (Analytical)

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

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

OrderID: 012109730

EMSL Analytical, Inc. 200 Route 130 North



## Lead (Pb) Chain of Custody EMSL Order ID (Lab Use Only):

0/2/09730

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

Company: H	Company: Horizon Environmental Group, Inc.			EMSL-Bill to: Different / Same						
Street: P. O.	Box 316			-4-1000	77	Third Party Billing requires written authorization from third party				nadu
City: Thorofa		State/F	Province:	NJ		al Code: 08086	The state of the s		country: US	arty
	ame): David Flanig					ne #: 856-848-0		a construction to		
	ss: horizonenvgro		ail.com			856-848-0838		P	urchase Order	r:
	e/Number:16020-0			S		Provide Results:	FA		E-mail	Mail
The second secon	mples Taken: NJ	<u> </u>				oles: Commer	cial/Taxal	ble 🗍 I	Residential/Ta:	x Exempt
WINI WINIO DO	IIIpioo / Milori	Tı	urnaround	Time (TA		ns* - Please Ch			I STATE OF THE PARTY OF THE PAR	Maria Control of the
3 Hour	6 Hour	24	Hour [	☐ 48 Hour	r  7	Section 274 Line Laboratory Williams Annual Contract Contract Section 2	6 Hour		NO. (5.00)	2 Week
	Matrix	Compross	CONTRACTOR STATES OF THE PARTY	Method	The O I Commission of the Comm	Instrume	A STATE OF THE PARTY OF THE PAR		orting Limit	Check
Chips □ %	by wt. ☐ mg/cm² [	] ррт	SI	N846-7000E	В	Flame Atomic At	bsorption		0.01%	
Air	pagnical le describir entre describir pagnicit es describir de la mente de Malaytica Made		N	IIOSH 7082		Flame Atomic At	bsorption	4	μg/filter	
		J		IIOSH 7105		Graphite Furna			03 μg/filter	
***************************************			NIOSI	H 7300 mod	lified	ICP-AES/ICF	P-MS	PARTITION AND ADDRESS OF	5 μg/filter	
Wipe*	ASTM	H		V846-7000E		Flame Atomic At			) µg/wipe	
*If no box i	non ASTM s checked, non-ASTM			46-6010B o		ICP-AES			0 µg/wipe	
	Wipe is assumed	NOT THE REAL PROPERTY.	An annument of the same of the same	46-7000B/7	A DESCRIPTION OF THE PERSON NAMED IN COLUMN NA	Graphite Furna	and the second s	Althor/Andishmysons	75 µg/wipe	
TCLP	,			11/7000B/S		Flame Atomic Ab			mg/L (ppm)	
0 - !!	grindel/Acade was september to the contrastition's	-	SW846-113	V846-7000E	STATE OF THE PERSON NAMED IN	ICP-AES Flame Atomic Ab	CONTRACTOR OF THE PARTY OF THE		mg/L (ppm) ng/kg (ppm)	
Soil		1		W846-7000E		Graphite Furna			ng/kg (ppm) ng/kg (ppm)	
			CALL STREET, S	46-6010B o		ICP-AES			g/kg (ppm)	IП
Wastewater	Unpragaryad		SM3111	1B/SW846-7	7000B	Flame Atomic Ab	osorption	0.4 r	ng/L (ppm)	
	Unpreserved ith HNO₃ pH < 2			EPA 200.9		Graphite Furna		0.003	mg/L (ppm)	
		-		EPA 200.7	armadayayin et bib hili iyo ana bilayi baran	ICP-AES	- DESTRUCTION OF THE PARTY		mg/L (ppm)	
	ter Unpreserved with HNO <sub>3</sub> pH < 2	(X) El	811 3 6	EPA 200.9 EPA 200.8	A 18-08 ( AN)	Graphite Furna ICP-MS	ice AVA		B mg/L (ppm) I mg/L (ppm)	xx
				CFR Part 50	0	ICP-AES			μg/filter	一一一
TSP/SPM FII	ter		40	CFR Part 50	0	Graphite Furna	ice AA		β μg/filter	
Other:								·		
Name of San	npler: DFLANCE				Signa	ture of Sample		J. Han		
Sample #		Location	)n			Volume/Are	a		Date/Time S	ampled
	LW -01	93	- 1200 TO BOOK TO BE		HALL NO	OTH RECLITAL R	luom		8/21/21	6706
	LW-01	GA			Ance N	MAR 700				6708
	LW-01	9 BIT	- LFIW		vt.	u 4				5760
	LW-OL	9 BUB	LAUD	guer)	ч	ц и				0110
	LW-03	,9			Itmu N	10AR 314			4	6713
Client Sampl	THE REAL PROPERTY OF THE PARTY		Market State				I # of Sa	mples:	77	
Relinguished	l (Client):	un] Ha	iij	Date:	8/21	121	Time:		11:00 m	
Received (Lab	): Ki	) w	i I	Date:	8-21	14 36.	Time:		11'00 m	·
Comments:										
				The same of the sa					The state of the second second second second	PRINCIPLE AND ADDRESS OF THE PERSON NAMED IN



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

0/2/09 730

EMSL Analytical, Inc. 200 Route 130 North

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

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

	1		
	LW-038	HALL NEARA-306	8/21/21 676
	LW-036 BTL (Filler)	HALL WEAR MODELA COR 300	0749
	CW-036 BUB (BUBBLER)	ii h o n n	0720
	LW-030	HALL BETHERS W7/109	6725
.40	LW-029A	HAU NEAR GYM #1	6724
	LW-029	e a a	0729
	LW-042	GRES LUCIUSE Room (Gran 41)	0732
	UW-041	Beys Locar Rom (byn41)	0736
	LW-037BR	HALL NEAR 401	0742
1	LW-037 BUB	n or 0	0742
	LW-05U	500 CAFERRIA	0754
	LW -050A	500 CAFETERIA	0754
	LW-024A	500 CAPERIXIA - FACULY DINING - LEE MACHINE	0.758
	LW-024	SOU CACETURIA - FALVICTY DINIENTS - SINK	0802
	LW-025A	DOUGAFFREATH - KITCHEN- DOUBLE FORD PREP STAK	0809
Ł	W-025B	500 CAFETERIA - KLTCHEN FOOD PREM SINK	070
L	W-035 BTL	Ithu votsini caferena	0614
	W-035 BUB	HALL OUTSIDE CAFCRERIA	0575
Comments/Spec	cial Instructions:		

Page 2 of 5 pages

OrderID: 012109730



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

012107730

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson, NJ 08077

1-800-220-3675 (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
	W-048A	503 Counary Arts STATION (	0822
	TM-048.8	503 - STATION 1 - SINK B	05722
***	LW-045C	" " - " Y - SINK C	0523
	LW-0460	u _ u u - SINKD	0823
	W-048E	u - STATION Z-SINCE	0524
	LW-048F	11 - 1 C SINKEF	0624
······································	LW-048 C	a. a - Sink C-	0525
	LW-04841	u. u - SNXH	0827
	LW-048I	4 - STATION 3-SINKI	0526
	LW-0485	W_ W & SINK J	0826
	LW-0481K	te - or 4 - Sink K	0827
	LW-Uisc	n. u " - SinkL	0527
	CM-018M	u - STATIONY - SINKM	0828
	LW-048N	M - Pu n - SINKN	0524
	LU - U480	u - u u - Since O	0829
***************************************	LW-048P	a - a - Since	0829
	LW-026	HALL NEAR 603	V 0847
Comments/Sp	ecial Instructions:		

Page 3 of 5 pages



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

012/09730

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson, NJ 08077

1-800-220-3675 (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	MAINTEVANCE BREAK RUCH	8/21/21 0857
	LW-031	HALL WOAR 905	1 0857
	LW-032	Wood Snop 906	Oloc
	LW-018	HALL NEAR 806	0905
	LW-018A	n n	0905
	CW-018B	HALL NOAK GEM #2	0908
	CW-018C	W A H	0908
	LW-019 BTL	Utra work 700	0912
	LW-019 BUB	u n .	0912
	CW-019 A	u n t	orcz
	LW-017C	HAVE WOME GUIDANCE OFE	0917
	LW-01715	to a a	0917
	iw-017#	FAMIL NEAR 16	0922
	LW-017A	a a a	0922
	LW-016A	GUNSS HALLWAY NEAR AUDITORIUM	0925
	LW-01579	NURSE'S OFFICE (FOURTHAM)	6924
	CW-015	NURSETS OFFICE ESINIC)	0429
	CW-DIYA	MAIN FOVER - NEAR BATTRETONS	0934
omments/Sp	ecial Instructions:		

Page \_\_\_\_\_ of \_\_\_\_\_ pages

OrderID: 012109730



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

0/2/09730

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson, NJ 08077

1-800-220-3675 (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	MATU FOREIR - NEAR DATHROOMS	8/21/2 0934
	cw-013B-Bil	OUTSIDE SO HTHEWAY	0947
	w-01313-BUB	h u n	0947
	iw-0125	OUTSIDE 70 HALLWAY	0753
	LW-012E	. u a	0423
	LW-0128	HAVE NEAR S-1	0957
	LW-012A	ul +l +1	0957
	LW-012B	in n 4	0957
	LW-012C	a n	0957
	LW-010	90 Har - Novar BATHROOMS	(003
	LW-010A-BR (FLLWR)	11 4 4 4	(00)
	LW-010A-BUB (BUBBLE)	v f _ a n	(603)
	LW-009A	30 HALL- NEAR BATHLOWNS	1010
	W-009B	ci a - n a	Low
	LW 009C	n n - n "	1010
	LW-009 D	n n - n 4	lóto
	LW-609	HALL NEAR 33	10 (3
	BLANIL 210821	BLANK	V
omments/Sp	ecial Instructions:		-

Page 5 of 5 pages

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

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

Steven J- Hangan

Vice President



200 Route 130 North, Cinnaminson, NJ 08077

Fax: (856) 868-4571 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

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.

10/2/2021



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

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

EMSL Order:

012110709

MDS50 CustomerID:

CustomerPO: ProjectID:

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** 

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

Result

ND

**RL Units** 

1.00 µg/L

Date & Analyst

VD

9/30/2021

VD

Date & Analyst

9/30/2021

20:13

Parameter

Lead

Method

**METALS** 200.8



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

 EMSL Order: CustomerID: 012110709

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

ND

1.00 µg/L

VD

9/30/2021

VD

9/30/2021

20:26

Lead

200.8



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

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

EMSL Order: CustomerID:

012110709

MDS50

CustomerPO: ProjectID:

David Flanigan

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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 R	esults
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		/ lifely cloud i	Codito			
Client Sample Description	on LW-003A Room 18 - Sink		Collected:	9/16/2021 6:09:00 AM	Lab ID:	012110709-0011
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	1.75	1.00 μg/L		9/30/2021 VD	9/30/2021 VD 20:27
Client Sample Description	on LW-003B Hall Near Mech Rm #3		Collected:	9/16/2021 6:13:00 AM	Lab ID:	012110709-0012
Wethod	Parameter	Result	RL Units	5	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	2.04	1.00 µg/L	9	9/30/2021 VD	9/30/2021 VD 20:29
Client Sample Description	on LW-003C Hall Near Mech Rm #3		Collected:	9/16/2021 6:13:00 AM	Lab ID:	012110709-0013
Method	Parameter	Result	RL Units	;	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	2.71	1.00 µg/L	9	//30/2021 VD	9/30/2021 VD 20:30
Client Sample Descriptio	n LW-006A 20 Café Kitchen - Sink		Collected:	9/16/2021 6:19:00 AM	Lab ID:	012110709-0014
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	1.03	1.00 µg/L	9	/30/2021 VD	9/30/2021 VD 20:38
Client Sample Descriptio	n LW-006B 20 Café Kitchen - Sink		Collected:	9/16/2021 6:19:00 AM	Lab ID:	012110709-0015
lethod	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS						
8.00	Lead	ND	1.00 µg/L	9.	/30/2021 VD	9/30/2021 VD 20:39



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

EMSL Order:

012110709 MDS50

CustomerID: CustomerPO:

ProjectID:

n: David Flanigan

Horizon Environmental Group, Inc. P.O. Box 316

Thorofare, NJ 08086

Project: 16020-03 / Eastern Reg. HS

Phone:

(609) 221-4660

Fax: Received: (856) 848-0838

r toocivea.

9/16/2021 09:00 AM

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



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

EMSL Order: CustomerID:

ProjectID:

012110709 **MDS50** 

CustomerPO:

Attn: David Flanigan

Horizon Environmental Group, Inc.

P.O. Box 316

Project: 16020-03 / Eastern Reg. HS

Thorofare, NJ 08086

Phone:

(609) 221-4660

Fax:

(856) 848-0838

Received:

9/16/2021 09:00 AM

**Analytical Results** 

Collected:

9/16/2021 Lab ID: 012110709-0021

20 Café Hall

LW-007A BUB (Bubbler)

Result **RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

Method

200.8 Lead

Client Sample Description

ND

1.00 µg/L

9/30/2021

VD

VD

JW

Client Sample Description

LW-049

Parameter

Parameter

Collected:

9/16/2021

6:37:00 AM

6:29:00 AM

Lab ID:

012110709-0022

9/30/2021

9/30/2021

17:58

17:56

Concession Stand - Ice Machine

Result

**RL Units** 

Prep Date & Analyst

9/30/2021

Analysis Date & Analyst

**METALS** 

Method

200.8 Lead ND

Collected:

1.00 µg/L

9/16/2021

Lab ID:

VD

Client Sample Description

LW-049B Concession Stand - Sink

Parameter

6:40:00 AM

6:45:00 AM

7:25:00 AM

012110709-0023

Method

**METALS** 200.8 Lead Result

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

LW-049A

1.01

1.00 µg/L

9/30/2021

VD 9/30/2021 17:59

VD

Client Sample Description

Collected:

9/16/2021

012110709-0024 Lab ID:

Sport Complex - Ice Machine

Result

**RL Units** 

Prep Date & Analyst

Analysis Date & Analyst

**METALS** 

Method

200.8 Lead ND

1.00 µg/L

9/29/2021

9/30/2021

15:36

Client Sample Description

Blank 210916

Collected:

9/16/2021 Lab ID: 012110709-0025

Blank

Parameter

Parameter

Result

**RL Units** 

Prep

Analysis

Method

200.8

Date & Analyst

Date & Analyst

**METALS** 

Lead

ND

1.00 µg/L

9/30/2021

VD 18:01

IC

9/30/2021 VD



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

### Jefinitions:

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 Order:

012110709

CustomerID:

MDS50

CustomerPO:

ProjectID:



### Lead (Pb) Chain of Custody EMSL Order ID (Lab Use Only):

0/2/10709

Cinnaminson, NJ 08077

EAX (856) 786-5974

Professional Professional Company of the Company of	AND DESCRIPTION OF THE PERSON	dan kerkelan parkan dan paran parkan		naje til eren fransfrar variab sem mårett som	William and the state of the st	Name and Address of the Owner, where	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME	THE PERSON NAMED IN COLUMN 2 I
Company :	lorizon Environme	ntal Gro	oup, Inc.		EMSL-Bill to: If Bill to is Different note in		erent 🗸 Same	
Street: P. O. Box 316				Third Party Billing requires written authorization from third party				
City: Thorofa		State/	Province: NJ	Zip/Postal Code: 08086 Country: US				
	ame): David Flanig		and the second s		ne #: 856-848-0800	ACCOMPANY OF A PARTY	The second secon	
	ss: horizonenvgro		nail com		856-848-0838	T	Purchase Order	•
	e/Number:16020-0						E-mail	Mail
The state of the s	mples Taken: NJ	O / Las	torr rog. no		oles: Commercial/Tax			
U.S. State Sa	imples Taken. 110	T	urnaround Time (TA			2010	residential (a)	LACITOL
3 Hour	☐ 6 Hour		Hour 348 Hour		2 Hour 96 Hour	Τп	1 Week	2 Week
	AND THE RESIDENCE OF THE PARTY			Secretary of Property (1997) Application (1997)	and Conditions located in the I			
	Matrix		Method		Instrument	Re	porting Limit	Check
Chips 🗆 %	by wt. 🗌 mg/cm² [	ppm	SW846-7000	В	Flame Atomic Absorption		0.01%	
Air			NIOSH 7082		Flame Atomic Absorption		4 μg/filter	
			NIOSH 7105		Graphite Furnace AA		.03 µg/filter	
			NIOSH 7300 mod	dified	ICP-AES/ICP-MS	the same of the same of	).5 µg/filter	
Wipe*	ASTM		SW846-7000I		Flame Atomic Absorption	****	10 µg/wipe	
*if no box i	non ASTM []		SW846-6010B o	or C	ICP-AES	-	.0 μg/wipe	
74.0 L M	Wipe is assumed		SW846-7000B/7	-	Graphite Furnace AA	AND DESCRIPTION OF THE PERSON NAMED IN	075 μg/wipe	
TCLP		SW846-1311/7000B/SM 3111B SW846-1131/SW846-6010B or C		Flame Atomic Absorption ICP-AES		mg/L (ppm) mg/L (ppm)		
Soil	A STATE OF THE PARTY OF THE PAR	***************************************	SW846-7000E	NAME OF TAXABLE PARTY O	Flame Atomic Absorption		mg/kg (ppm)	
COII			SW846-7010		Graphite Furnace AA	0.3	mg/kg (ppm)	H
			SW846-6010B o	r C	ICP-AES		ng/kg (ppm)	
Wastewater	Unpreserved		SM3111B/SW846-7	7000B	Flame Atomic Absorption		mg/L (ppm)	
	ith HNO <sub>3</sub> pH < 2	Ħ	EPA 200.9		Graphite Furnace AA		3 mg/L (ppm)	
			EPA 200.7 EPA 200.9		ICP-AES Graphite Furnace AA	SAMPLE PARTIES AND ASSESSED.	0 mg/L (ppm) 03 mg/L (ppm)	
	ter Unpreserved ith HNO <sub>3</sub> pH < 2	6	7116 EPA 200.8	e nga kani ang pang bawan da kani ang mang manggan da	ICP-MS		03 mg/L (ppm) 01 mg/L (ppm)	
	THE REAL PROPERTY OF THE PARTY	Approximation of the last of t	40 CFR Part 5	0	ICP-AES		12 µg/filter	
TSP/SPM Fil	ter		40 CFR Part 5	0	Graphite Furnace AA 3.6 µg/filter			
Other:					THE STATE OF THE S			
Name of San	npler: D Finne	Mu 15	FLANISAN	Signa	ture of Sampler:			
Sample #		Location	on	*****	Volume/Area		Date/Time S	ampled
	LW-051			Gym #2 -	Boxs Luckee Room		9/16/21	0540
	LW-053	era Lece more		64m #2-	- GIRLS LUCILLE ROOM		Y	0545
	LW-053A			Gym # 2.	- Greis Loeker Ros	M		0545
	LW-052			TRAINER	's Room- I co MACH	INE		0551
	LW-054	BR	(Filia)		Room - FOUNTAIN	***************************************	V	0555
Client Sampl	e #'s	-			Total # of S	amples	: 25	
Relinquished	(Client):	)	Date:	1 6	16 12 Time:		8:21	er l
Received (Lab		No	OS Date:		9-16-4 Time:		Ĝ.	3
Comments:	<i>V</i>		Date.	L	1 Time.		11	
***************************************		***************************************	Ellerin	07/	16121 9:00			
			Page 1 of	3 pages	116/21 9:00~		(25)	EL



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

012/10 709

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson, NJ 08077

(856) 786-5974

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

S	ample#	Location	Volume/Area	Date/Time Sampled	
6		LW-054BUB (BUBBLUX)	Walder Room-Farmin	9/16/21 0555	
7		LW-004	RUUM 17 - SINK	0662	
8		LW-004A	Room 17- SINK	0602	
9		LW-UOYB	HALL NOM ROOM 17	6606	
0		W-004C W-003	Room 18 - SINK	0609	
11		W-003A	Room 16- SINK	0609	
12		LW-003B	HALL NEVAR MECH RM 43	06(3	
13		LW-003C	HALL NETTE MECH Rin #3	0613	
14		LW-006A	20 CAFE KITCHEN - SINK	0619	
5		LW-006B	20 CAPE KITCHERI - SINK	0619	
6		LW -005	20 CAFE - TEACHER CAFE	0623	
7		LW 005A	20 CAPE - LE MACHINE	0623	
?		LW-cus B	20 CAPE - TENCHER CAPE	0623	
)		LW-007	20 CAFE HALL	0629	
0		LW-007ABIL (Fluor)	20 CAPE HALL	0629	
.1		LW-007A BUD (BUBBLER)	20 CAPE HALL	C629	
2		LW-049	CONCESSION STAND -	0637	
3		LW-049B	CONCESSION SMUD -	0640	
Con	nments/Sp	ecial Instructions:		- Access to the second	

Page 2 of 3 pages

OrderID: 012110709



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

EMSL Analytical, Inc. 200 Route 130 North

0/2/10709

Cinnaminson, NJ 08077 1-800-220-3675 (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 Sample
	LW-049A	SPORTS COMPLEX -	9/16/21 0645
	BEANK 210916	BLANK	V 0725
	A Control of the Cont		
***************************************			
	ecial Instructions:		

Page 3 of 3 pages

# 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 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  $\mu$ 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  $\mu$ 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.

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

Steven J- Flaingan



200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4574 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

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.

10/2/2021



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2@emsl.com EMSL Order: CustomerID:

012110708

MDS50

CustomerPO: ProjectID:

Attn: David Flanigan

Horizon Environmental Group, Inc. P.O. Box 316

Thorofare, NJ 08086

Phone: Fax:

(609) 221-4660

Received:

(856) 848-0838 9/16/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Amal	.diaal	Door	140
Anai	vucai	Resu	ILS

		Analytical	results			
Client Sample Description	n LW-032 (FLUSH) Wood Shop 906		Collected:	9/16/2021 7:00:00 AM	Lab ID:	012110708-0001
Method	Parameter	Result	RL Units	ı	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 ':15:00 AM	Lab ID:	012110708-0002
Method	Parameter	Result	RL Units	ı	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	1.92	1.00 µg/L	9/3	30/2021 VD	9/30/2021 VD 20:05
Client Sample Description	LW-050A (FLUSH) 500 Cafeteria - Fountain			9/16/2021 :15:00 AM	Lab ID:	012110708-0003
Method	Parameter	Result	RL Units	Ľ	Prep Date & Analyst	Analysis Date & Analyst
METALS						
00.8	Lead	1.38	1.00 µg/L	9/3	30/2021 VD	9/30/2021 VD 20:07
Client Sample Description	LW-025B (FLUSH) 500 Cafeteria - Kitchen Food Pre	ep Sink		9/16/2021 :15:00 AM	Lab ID:	012110708-0004
Method	Parameter	Result	RL Units	D	Prep Pate & Analyst	Analysis Date & Analyst
METALS						
8.00	Lead	ND	1.00 μg/L	9/3	30/2021 VD	9/30/2021 VD 20:08
Client Sample Description	Blank 210916 (FLUSH) Blank	4		9/16/2021 25:00 AM	Lab ID:	012110708-0005
lethod	Parameter	Result	RL Units	D	Prep ate & Analyst	Analysis Date & Analyst
METALS						
00.8	Lead	ND	1.00 μg/L	9/3	0/2021 VD	9/30/2021 VD 20:10



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

### <u>Jefinitions:</u>

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 Order:

012110708

CustomerID:

MDS50

CustomerPO:

ProjectID:



### Lead (Pb) Chain of Custody EMSL Order ID (Lab Use Only):

012/10708

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

Mary Arts and Control of Control		and the second second second second			(000).	00 007 1
Company: Horizon Environmental Gr	oup, Inc.		EMSL-BIII to: If Bill to is Different note in		ent 🗸 Samo Comments"	3
Street; P. O. Box 316		T	hird Party Billing requires writte	en authoriz	ation from third .	partv
Control of the contro	Province: NJ	Zip/Postal Code: 08086 Country: US				
Report To (Name): David Flanigan		Telepho	ne #: 856-848-0800			
Email Address: horizonenvgroup@gn	nail.com	Fax #:	856-848-0838	Pt	ırchase Orde	<b>":</b>
Project Name/Number: 16020-03 / Eas	tern Reg. HS	Please F	Provide Results: F7	X	E-mail	]Mail
U.S. State Samples Taken: NJ		CT Sam	oles: [] Commercial/Taxa	ble 🗌 F	Residential/Ta	x Exempt
☐ 3 Hour ☐ 6 Hour ☐ 24		7	ns* - Please Check 2 Hour			] 2 Week
Matrix	Method	CALVESTON SERVER FOR FAMILIE	Instrument	PERSONAL PROPERTY AND	rting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000F	3	Flame Atomic Absorption		0.01%	
Air	NIOSH 7082		Flame Atomic Absorption	4	μg/filter	
	NIOSH 7105 NIOSH 7300 mod		Graphite Furnace AA ICP-AES/ICP-MS		3 µg/filter 5 µg/filter	
Wìpe* ASTM □	SW846-7000E	3	Flame Atomic Absorption	10	μg/wipe	
non ASTM	SW846-6010B o	or C	ICP-AES	1.0	µg/wipe	
Wipe is assumed	SW846-7000B/70	010	Graphite Furnace AA	0.07	5 µg/wipe	
TCLP	SW846-1311/7000B/S	M 3111B	Flame Atomic Absorption	0.4 m	ng/L. (ppm)	
	SW846-1131/SW846-60	Married Williams Committee of the Commit	ICP-AES		ng/L (ppm)	
Soil	SW846-7000E SW846-7010		Flame Atomic Absorption Graphite Furnace AA		g/kg (ppm)	<b></b>
	SW846-6010B o	ASSESSMENT OF THE PARTY OF	ICP-AES		g/kg (ppm) /kg (ppm)	
Wasternas	SM3111B/SW846-7	Name and Address of the Owner, where the Owner, which is the Owner,	Flame Atomic Absorption	Symptomic accompanies with	ig/L (ppm)	
Wastewater Unpreserved Preserved with HNO <sub>3</sub> pH < 2	EPA 200.9		Graphite Furnace AA	0.003	mg/L (ppm)	
	EPA 200.7	namental territoria	ICP-AES		mg/L (ppm)	
Preserved with HNO <sub>3</sub> pH < 2	9/16 EPA 200.8		Graphite Furnace AA ICP-MS		mg/L (ppm) mg/L (ppm)	X
	40 CFR Part 50	0	ICP-AES	CONTRACTOR AND PROPERTY.	µg/filter	
TSP/SPM Filter	40 CFR Part 50	with an extension of the Area	Graphite Furnace AA	\$10 100 mm - 100 mm - 100 mm	µg/filter	
Other:						
Name of Sampler: D FLANGAN /S FE	-ANIU-AN	Signa	ture of Sampler:			
Sample # Locati			Volume/Area		Date/Time S	ampled
LW-032 (FLUSI	H)	Woon 9	stor 90%		9/16/21	0706
LW-050 (FLUSI	θ	500 C	IFERENIA - FUNMIN	S . deliberation cont		0715
LW-050A CFLUS	H)	500 C	PETERIA- FOUNTAIN			015
LW-025B CFWS	н)	500 CARE	read - Kitchen box Prep	Sine	W	0717
BLANK 210914 (	FCUSH)	BLANK	(	İ	V	0725
Client Sample #'s -			Total # of Sa	mples:	5	
Relinquished (Client):	Date:	6/	14 12 Time:		831	ans
Received (Lab):	Date:	19	Time:		9~	/ w
The Research Control of the Control		Ulen	w 09/16/21	9:00	In	100 Mark 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Page 1 of \_\_\_\_ pages

## 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 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 (µg/L)	Reporting Limit (µg/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: "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 October 15 did not exceed the "action level" of 15  $\mu$ 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  $\mu$ 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

Steven J. Flangar



200 Route 130 North, Cinnaminson, NJ 08077

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

Attn: David Flanigan

Horizon Environmental Group, Inc.

P.O. Box 316

Thorofare, NJ 08086

Fax:

Phone: (609) 221-4660

(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.

10/21/2021



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

EMSL Order: CustomerID:

012111788 MDS50

CustomerPO:

ProjectID:

**David Flanigan** 

Horizon Environmental Group, Inc. P.O. Box 316

Thorofare, NJ 08086

Phone: Fax:

(609) 221-4660

Received:

(856) 848-0838 10/15/2021 09:00 AM

Project: 16020-03 / Eastern Reg. HS

Analytical	Results
------------	---------

5 6 65 S 2 S		Allary clour i	1000110			
Client Sample Description	n LW 051 Boys Locker Room Gym 2		Collected:	10/15/2021 6:20:00 AM	Lab ID:	012111788-0001
Method	Parameter	Result	RL Unit	ts	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00 µg/L	de de	10/18/2021 VD	10/19/2021 VI 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 Unit	s	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	1,16	1.00 μg/L		10/8/2021 IC	10/19/2021 JV 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 Unit	s	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	6	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. 200 Route 130 North



### Lead (Pb) Chain of Custody EMSL Order ID (Lab Use Only):

Cinnaminson, NJ 08077 1-800-220-3675

Company: Horizon Environmental G	roup, Inc.	-	EMSL-B	Mail 2 (2007) / Co. 10		erent / Same	86-5974
Street: P. O. Box 316		1					
	e/Province: NJ	Third Party Billing requires written authorization from third party  Zip/Postal Code: 08086 Country: US					
Report To (Name): David Flanigan			ne #: 856-848-			oodinity. 00	
Email Address: horizonenvgroup@g	mail.com		856-848-0838	0000		D 1 O 1	
Project Name/Number: 16020-03 / Ea			The second second second second second	FA		Purchase Order	r: Mail
The state of the s	stem reg. no		Provide Results:				
U.S. State Samples Taken: NJ	Turnaround Time (TA		ples: Comme		ble _	Residential/Ta	x Exempt
	24 Hour 48 Hour			96 Hour	To	1 Week	2 Week
Harden - '' 전문 프랑스 (1982) 전 시간 시간 전문 전문 보고 보고 있는 1982 전문 전문 전문 보고 있는 1982 전문 전문 보고 있다. 1982 전문 전문 전문	eted in accordance with EMS	Contract of the Contract of th					2 WEEK
Matrix	Method	ertails of the result that	Instrum	AND DESCRIPTION OF THE PERSON	The second second	orting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000	В	Flame Atomic A	bsorption		0.01%	
Air	NIOSH 7082		Flame Atomic A	bsorption		4 μg/filter	
	NIOSH 7105		Graphite Furr	ace AA	0.	.03 µg/filter	
	NIOSH 7300 mod	dified	ICP-AES/IC	P-MS	0	).5 µg/filter	
Wipe* ASTM non ASTM	SW846-7000E	3	Flame Atomic A	bsorption	1	0 µg/wipe	
non ASTM []	SW846-6010B o	or C	ICP-AE	S	1	.0 μg/wipe	
Wipe is assumed	SW846-7000B/7010		Graphite Furnace AA		0.0	)75 µg/wipe	
TCLP	SW846-1311/7000B/S		Flame Atomic A	A		mg/L (ppm)	
	SW846-1131/SW846-6	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	ICP-AE	MANAGEM PERSONNELLAND		mg/L (ppm)	
Soil	SW846-7000E SW846-7010		Flame Atomic A Graphite Furn		0.2	mg/kg (ppm)	<u> </u>
	SW846-6010B o		ICP-AE			mg/kg (ppm) ng/kg (ppm)	H
	SM3111B/SW846-7	CONTRACTOR DESCRIPTION OF THE PARTY OF THE P	Flame Atomic A	CALABOTE PROPERTY OF THE PARTY		mg/L (ppm)	H
Wastewater Unpreserved Preserved with HNO <sub>3</sub> pH < 2	EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)		
	EPA 200.7	-	ICP-AES		0.020 mg/L (ppm)		
Drinking Water Unpreserved	Committee of the commit	EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)	
Preserved with HNO₃pH < 2 ( ) (	40 CFR Part 50	Continues and the continues of the conti		-	STREET, STREET	1 mg/L (ppm)	XX.
TSP/SPM Filter	40 CFR Part 50		ICP-AES Graphite Furnace AA			2 µg/filter .6 µg/filter	
Other:	TO OTTO CO		Orapinto Furn	100 7 17		o pgriller	-
Name of Sampler: O Flan	547	Signa	ture of Sample	ot.	1.2	(22)	The second second
Sample # Locat	the state of the s	1 - 13.10	Volume/Arc			Date/Time S	ampled
LWO	51	B 065	5 Locher	Ray (	E1.01 2	The state of the s	, and the same of
	53	100000	5 Lower			101521	6:30m
							The second second
<u> </u>	53A	bille	- Lacrec	Konnet (	2)212	101521	4:30m
B ( exp. )	1		ti e e conserva de la	a deletera de la proposación de se		101521	6:40m
Client Sample #'s	- Apriland A Street	oriotes on security	I Total	al# of Sa	mples		70
	= 0/I=	T 1	and the second section of the section of	1	inhies	and the second s	1/
Relinquished (Client):	Date:		15,31	Time:	·	2:10	an
Received (Lab):	Date:	10/	15/21	Time:		2 00	
Comments: Eller	m	10	115721			9:00 ~	,
/							1

Page 1 of \_\_\_\_ pages



## 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 (µg/L)	Reporting Limit (µg/L)	
ELA-04	Kitchen - Sink	ND	1.00	
BLANK 210916	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 first 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.

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 I. Flanigan Vice President

Steven J. Flingen



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

Fax:

Phone: (609) 221-4660

(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:

lung. al. Whely

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.

10/2/2021



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

CustomerPO: ProjectID:

EMSL Order:

CustomerID:

012110707

MDS50

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**

7 mary stear 1 to conto										
Client Sample De	scription ELA-04		<b>Collected:</b> 9/16/2021 7:50:00 AM				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 19:55	VD		
Client Sample De	scription Blank 210916-ELA		Collected:	9/16/2021 7:52:00 AM		D:	012110707-0	0002		
Method	Parameter	Result	RL Unit	RL Units		Prep Date & Analyst		Analysis Date & Analyst		
METALS										
200.8	Lead	ND	1.00 µg/L		9/30/2021	VD	9/30/2021 20:03	VD		

#### Definitions:

MDL - method detection limit

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

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

RL - Reporting Limit (Analytical)

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

OrderID: 012110707

EMEL EMSL ANALYTICAL, INC.

Lead (Pb) Chain of Custody EMSL Order ID (Lab Use Only):

EMSL Analytical, Inc. 200 Route 130 North

012/10707

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

Company : Horizon Environmental Group, Inc.				EMSL-Bill to: Different V Same							
Street; P. O. Box 316											
City: Thorofa				Third Party Billing requires written authorization from third party  Zip/Postal Code: 08086 Country: US							
Report To (Name): David Flanigan				Telephone #: 856-848-0800							
Email Address: horizonenvgroup@gmail.com											
Project Name/Number:16020-03 / Eastern Learning Acad.					parama parama						
	mples Taken: NJ	0 / Last	err Learning Acad.	Tiedes Tievide Nesdite.							
U.S. State Sa	inples raken: 140	T.	urnaround Time (TA	CT Samples: Commercial/Taxable 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 EMS											
Matrix			Method			Reporting Limit		Check			
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm			SW846-7000B		Flame Atomic Absorption	0.01%					
Air			NIOSH 7082		Flame Atomic Absorption	4 μg/filter					
				NIOSH 7105		0.03 µg/filter					
			NIOSH 7300 modified		ICP-AES/ICP-MS	0.5 µg/filter					
Wipe*	ASTM		SW846-7000B		Flame Atomic Absorption	10 µg/wipe					
*if no hov i	ASTM		SW846-6010B or C		ICP-AES	1.0 µg/wipe					
- Transcription	Wipe is assumed		SW846-7000B/70	010	Graphite Furnace AA	0.07	'5 μg/wipe				
TCLP			SW846-1311/7000B/SM 3111B		Flame Atomic Absorption	0.4 mg/L (ppm)					
			SW846-1131/SW846-6	-	ICP-AES		ng/L (ppm)				
Soil			SW846-7000B		Flame Atomic Absorption	40 mg/kg (ppm)					
			SW846-7010 SW846-6010B o	r.C	Graphite Furnace AA ICP-AES	0.3 mg/kg (ppm)		1-4-			
		*****	SM3111B/SW846-7000B		Flame Atomic Absorption	2 mg/kg (ppm) 0.4 mg/L (ppm)					
Wastewater	Unpreserved	8	EPA 200.9		Graphite Furnace AA	0.003 mg/L (ppm)					
Preserved with HNO₃ pH < 2 ☐			EPA 200.7		ICP-AES	0.020 mg/L (ppm)					
Drinking Water Unpreserved			EPA 200.9		Graphite Furnace AA	0.003 mg/L (ppm)					
Preserved with HNO <sub>3</sub> pH < 2 ( )			9116 EPA 200.8		ICP-MS	0.001 mg/L (ppm)		XX			
TSP/SPM Filter			40 CFR Part 50 40 CFR Part 50		ICP-AES	12 µg/filter					
Other:			40 CFR Pait 50		Graphite Furnace AA	3.6 µg/filter					
Name of San	anları			Signa	ture of Complex.	**********					
Sample #	A THE RESIDENCE OF THE PROPERTY OF THE PARTY	Location	n I	Signature of Sampler:   Date/Time Sampled							
oumpie #		Locatio	711	voiume/Area			Date/Time Sampled				
	ELA-01										
	E'LA-02										
	EA-03										
	ELA-04			Pritchen Sinh			9/16/21 7:50				
		2100	116-ELA	150	onu Blank	,0	1/6/21	7.82			
Client Sampl	e #'s	-			Total # of Sa	mples:	2				
Relinquished (Client).			9/1	4 /2   Time:		3.6	21 am				
Received (Lab	);	15	Date:		-16.21 Time:		90				
Eklepru 09/16/2/ 9:00 m											
Page 1 of 1 pages (2) (2)											
			/ Page 1 of	pages		6					