The Scotch Plains-Fanwood Public Schools

512 Cedar Street
Scotch Plains, New Jersey 07076

June 13, 2022

Howard B. Brunner School
721 Westfield Road
Scotch Plains, NJ 07076

Dear Brunner 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, Scotch Plains - Fanwood School District tested our schools' drinking water for lead.

In accordance with the Department of Education regulations, Howard B. Brunner School has implemented immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 µg/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.

Testing Results

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 Scotch Plains - Fanwood School District. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the 35 samples taken, all but 2 tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 µg/l [ppb]).

The table below identifies the drinking water outlets that tested above the 15 µg/l for lead, the actual lead level, and what temporary remedial action Scotch Plains - Fanwood School District has taken to reduce the levels of lead at these locations.

Sample Location	**First Draw Result in µg/l (ppb)**	**Remedial Action**
Classroom 124 ID # BRDW-FL-1-124	25.9ug/L (ppb)	Disconnected outlet and posted signage "DO NOT DRINK - SAFE FOR HANDWASHING ONLY"
Classroom 208 ID # BRDW-FL2-208	127 ug/L (ppb)	Disconnected outlet and posted signage "DO NOT DRINK - SAFE FOR HANDWASHING ONLY"

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 SPFK12.ORG. For more information about water quality in our schools, contact Jeanne Cleary at 908-232-6161 x 41601.

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 healthcare 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,
Jeanne Cleary
Director of Operations and Special Projects
Scotch Plains - Fanwood Public Schools

EnviroVision Consultants, Inc.
20-21 Wagaraw Road – Bldg. 35E, Fair Lawn, NJ 07410
PH (973) 636-9145 FAX (973) 636-9144
Email: Envirovision@optonline.net

CLIENT: Scotch Plains – Fanwood School District Project No. 21-226
PROJECT: Lead (Pb) in Water Sampling Brunner Elementary School
ADDRESS: 721 Westfield Rd, Scotch Plains, NJ 07076
FIELD TECHNICIAN(S) Leonardo Bitondo
REPORT DATE: January 11, 2022

As per your request, EnviroVision Consultants, Inc. was contracted by Scotch Plains – Fanwood School District to conduct Lead (Pb) in water sampling at the Brunner Elementary School on December 18, 2021. The sample locations, in addition to a unique sample location code was determined/assigned by school district personnel. The school district performed the proper flushing of outlets prior to sampling and EnviroVision was instructed to collect only first draw samples for this sampling event. The school district's corresponding flushing logs should be attached to this report.

The facility was closed at the time of sampling in order to prevent occupants from utilizing any water outlets. After flushing, the water in the facility must remain motionless in the plumbing fixtures for a minimum of 8 hours, but no more than 48 hours. Cold water samples were collected in pre-cleaned high-density polyethylene (HDPE) 250mL wide mouth bottles.

Samples were analyzed at EMSL Analytical Inc. in Cinnaminson, New Jersey *(NJDEP# 03036), accredited in accordance with NELAC (National Environmental Laboratory Accreditation Conference). The analytical method utilized was inductively coupled plasma mass spectrometry ICP-MS (EPA 200.8).

All thirty-five of the initially requested samples were collected from Brunner Elementary School. A blank sample was also collected as required.

Results: Thirty-three of the thirty-five samples analyzed were either "None Detected" or less than the EPA established threshold for lead in drinking water of 15 parts per billion (ppb). The action level has been further defined for compliance by the New Jersey Department of Environmental Protection Agency as an amount greater than or equal to 15.5 ug/L (1ug/L = 1ppb). When a water outlet/faucet meets or exceeds the USEPA/NJDEP threshold, EnviroVision recommends that the outlet/faucet be immediately put out of service until the system can be further evaluated and proper remedial action is achieved.

BRUNNER ELEMENTARY SCHOOL – LEAD (Pb) in Water Results of Concern

Outlet ID/Sample Number	Location	Results
BRDW-FL-1-124	Classroom 124	25.9 ug/L (ppb)
BRDW-FL2-208	Classroom 208	127 ug/L (ppb)

Due to the elevated levels in the above outlets, we recommend some or all of the following steps be taken at this time;

- Closure of the affected water outlet until the system can be further evaluated and proper remedial action is achieved.
- Removal and replacement with non-containing lead fixtures
- Installation of filtration systems.
- Development of a Flushing Program for those taps high in lead and turbidity (this may include automatic flushing systems).
- Contact the local water utility company to obtain information about their corrosion control procedures and how it might affect the District's control plans.
- Permanent closure of outlet(s).

Once the remedial action(s) are complete, follow up testing is required to ensure alterations/replacement to plumbing fixtures has lowered the amount of lead to acceptable levels.

I have also enclosed documents with detailed steps from the New Jersey Department of Environmental Protection regarding notifications that must be made, posting of results, and initial and long-term remedial requirements.

If you have any questions, or if we could be of any further assistance, please feel free to contact our office. EnviroVision looks forward to providing you with the service and attention to detail you have come to expect from us.

Sincerely,
EnviroVision Consultants, Inc.

Cathy DiNardo

Cathy DiNardo, Project Manager

Attached: Lab results, Associated data sheets, DEP Overview of Lead in Drinking Water at School Facilities, DEP Guidance for Selecting a Remedial Measure for Lead Removal

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

Attn: **Frederick Larson** 1/6/2022
EnviroVision Consultants, Inc
20-21 Wagaraw Rd
Bldg 35E
Fair Lawn, NJ 07410
Phone: (973) 636-9145
Fax: (973) 636-9144

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 12/18/2021. The results are tabulated on the attached data pages for the following client designated project:

21-226 Scotch Plains/Fanwood PS-Brunner ES

The reference number for these samples is EMSL Order #012114782. 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

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Phone/Fax: (856) 303-2500 / (856) 858-4571
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EMSL Order:	012114782
CustomerID:	RAMA51
CustomerPO:	21-226
ProjectID:	

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20-21 Wagaraw Rd
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Phone: (973) 636-9145
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Received: 12/18/2021 09:00 AM

Project: **21-226 Scotch Plains/Fanwood PS-Brunner ES**

Analytical Results

Client Sample Description BRDW-FL-1-107 Classroom 107 — **Collected:** 12/18/2021 8:55:00 AM — **Lab ID:** 012114782-0001

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	1.99	1.00	µg/L	1/3/2022 KB	1/4/2022 01:49 KB

Client Sample Description BRDW-FL-1-106 Classroom 106 — **Collected:** 12/18/2021 8:57:00 AM — **Lab ID:** 012114782-0002

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00	µg/L	12/29/2021 JD	12/30/2021 15:01 JW

Client Sample Description BRDW-FL-1-105 Classroom 105 — **Collected:** 12/18/2021 9:01:00 AM — **Lab ID:** 012114782-0003

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	1.41	1.00	µg/L	1/3/2022 KB	1/4/2022 01:54 KB

Client Sample Description BRTL-FL-1-109 Faculty Room 109 — **Collected:** 12/18/2021 9:05:00 AM — **Lab ID:** 012114782-0004

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00	µg/L	1/3/2022 KB	1/4/2022 12:36 KB

Client Sample Description BRWC-FL-1-110 Multipurpose Rm 110 — **Collected:** 12/18/2021 9:08:00 AM — **Lab ID:** 012114782-0005

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	7.57	1.00	µg/L	1/3/2022 KB	1/4/2022 01:59 KB

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EMSL Order:	012114782
CustomerID:	RAMA51
CustomerPO:	21-226
ProjectID:	

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Received: 12/18/2021 09:00 AM

Project: **21-226 Scotch Plains/Fanwood PS-Brunner ES**

Analytical Results

Client Sample Description BRDW-FL-1-111 Classroom 111 — **Collected:** 12/18/2021 9:12:00 AM — **Lab ID:** 012114782-0006

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	6.09	1.00	µg/L	1/3/2022 KB	1/4/2022 02:01 KB

Client Sample Description BRDW-FL-1-121 Classroom 121 — **Collected:** 12/18/2021 9:14:00 AM — **Lab ID:** 012114782-0007

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	2.61	1.00	µg/L	1/3/2022 KB	1/4/2022 02:02 KB

Client Sample Description BRDW-FL-1-112 Classroom 112 — **Collected:** 12/18/2021 9:17:00 AM — **Lab ID:** 012114782-0008

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	2.84	1.00	µg/L	1/3/2022 KB	1/4/2022 12:37 KB

Client Sample Description BRDW-FL-1-113 Classroom 113 — **Collected:** 12/18/2021 9:20:00 AM — **Lab ID:** 012114782-0009

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00	µg/L	1/3/2022 KB	1/4/2022 02:05 KB

Client Sample Description BRDW-FL-1-114 Classroom 114 — **Collected:** 12/18/2021 9:23:00 AM — **Lab ID:** 012114782-0010

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	9.45	1.00	µg/L	1/3/2022 KB	1/4/2022 02:07 KB

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EMSL Order:	012114782
CustomerID:	RAMA51
CustomerPO:	21-226
ProjectID:	

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Received: 12/18/2021 09:00 AM

Project: **21-226 Scotch Plains/Fanwood PS-Brunner ES**

Analytical Results

Client Sample Description BRDW-FL-1-119 Classroom 119 — **Collected:** 12/18/2021 9:24:00 AM — **Lab ID:** *012114782-0011*

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	4.05	1.00	µg/L	1/3/2022 KB	1/4/2022 02:08 KB

Client Sample Description BRDW-FL-1-115 Classroom 115 — **Collected:** 12/18/2021 9:26:00 AM — **Lab ID:** *012114782-0012*

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	2.06	1.00	µg/L	1/3/2022 KB	1/4/2022 02:10 KB

Client Sample Description BRDW-FL-1-118 Classroom 118 — **Collected:** 12/18/2021 9:28:00 AM — **Lab ID:** *012114782-0013*

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00	µg/L	1/3/2022 KB	1/4/2022 02:17 KB

Client Sample Description BRDW-FL-1-116 Classroom 116 — **Collected:** 12/18/2021 9:31:00 AM — **Lab ID:** *012114782-0014*

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	4.80	1.00	µg/L	1/4/2022 KB	1/5/2022 18:13 JW

Client Sample Description BRWC-FL-1-117BU Hallway at Gym 117 — **Collected:** 12/18/2021 9:37:00 AM — **Lab ID:** *012114782-0015*

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00	µg/L	1/3/2022 KB	1/4/2022 02:19 KB

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EMSL Order:	012114782
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Project: **21-226 Scotch Plains/Fanwood PS-Brunner ES**

Analytical Results

Client Sample Description BRWC-FL-1-117BL
Hallway at Gym 117
Collected: 12/18/2021 9:37:00 AM
Lab ID: *012114782-0016*

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00	µg/L	1/3/2022 KB	1/4/2022 02:20 KB

Client Sample Description BRDW-FL-1-124
Classroom 124
Collected: 12/18/2021 9:42:00 AM
Lab ID: *012114782-0017*

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	25.9	1.00	µg/L	1/3/2022 KB	1/4/2022 02:22 KB

Client Sample Description BRWC-FL-1-131-2U
Hallway by 122/131
Collected: 12/18/2021 9:48:00 AM
Lab ID: *012114782-0018*

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00	µg/L	1/3/2022 KB	1/4/2022 02:23 KB

Client Sample Description BRWC-FL-1-131-2L
Hallway by 122/131
Collected: 12/18/2021 9:48:00 AM
Lab ID: *012114782-0019*

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00	µg/L	1/3/2022 KB	1/4/2022 02:24 KB

Client Sample Description BRWC-FL-1-131-2BF
Hallway by 122/131
Collected: 12/18/2021 9:48:00 AM
Lab ID: *012114782-0020*

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00	µg/L	1/3/2022 KB	1/4/2022 02:26 KB

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Received: 12/18/2021 09:00 AM

Project: **21-226 Scotch Plains/Fanwood PS-Brunner ES**

Analytical Results

Client Sample Description	BRDW-FL-1-125 Classroom 125	***Collected:***	12/18/2021 9:53:00 AM	***Lab ID:***	*012114782-0021*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	3.91	1.00	µg/L	1/3/2022 KB	1/4/2022 02:27 KB

Client Sample Description	BRDW-FL-1-126 Classroom 126	***Collected:***	12/18/2021 9:56:00 AM	***Lab ID:***	*012114782-0022*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	1.20	1.00	µg/L	1/3/2022 KB	1/4/2022 02:29 KB

Client Sample Description	BRDW-FL-1-127 Classroom 127	***Collected:***	12/18/2021 10:05:00 AM	***Lab ID:***	*012114782-0023*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	5.00	1.00	µg/L	1/3/2022 KB	1/3/2022 22:09 KB

Client Sample Description	BRDW-FL-1-128 Classroom 128	***Collected:***	12/18/2021 10:08:00 AM	***Lab ID:***	*012114782-0024*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	1.53	1.00	µg/L	1/3/2022 KB	1/3/2022 22:10 KB

Client Sample Description	BRDW-FL-1-129 Classroom 129	***Collected:***	12/18/2021 10:10:00 AM	***Lab ID:***	*012114782-0025*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	1.54	1.00	µg/L	1/3/2022 KB	1/3/2022 22:12 KB

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Received: 12/18/2021 09:00 AM

Project: **21-226 Scotch Plains/Fanwood PS-Brunner ES**

Analytical Results

Client Sample Description	BRDW-FL-2-203 Classroom 203	***Collected:***	12/18/2021 10:24:00 AM	***Lab ID:***	*012114782-0026*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	4.03	1.00	µg/L	1/3/2022 KB	1/3/2022 22:13 KB

Client Sample Description	BRDW-FL-2-202 Classroom 202	***Collected:***	12/18/2021 10:27:00 AM	***Lab ID:***	*012114782-0027*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	2.87	1.00	µg/L	1/3/2022 KB	1/3/2022 22:15 KB

Client Sample Description	BRDW-FL-2-204 Classroom 204	***Collected:***	12/18/2021 10:29:00 AM	***Lab ID:***	*012114782-0028*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	10.1	1.00	µg/L	1/3/2022 KB	1/3/2022 22:16 KB

Client Sample Description	BRDW-FL2-210 Classroom 210	***Collected:***	12/18/2021 10:34:00 AM	***Lab ID:***	*012114782-0029*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	2.53	1.00	µg/L	1/3/2022 KB	1/3/2022 22:18 KB

Client Sample Description	BRDW-FL2-208 Classroom 208	***Collected:***	12/18/2021 10:37:00 AM	***Lab ID:***	*012114782-0030*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	127 D	10.0	µg/L	1/3/2022 KB	1/4/2022 11:53 KB

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EMSL Order:	012114782
CustomerID:	RAMA51
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Project: **21-226 Scotch Plains/Fanwood PS-Brunner ES**

Analytical Results

Client Sample Description BRDW-FL-2-205 Classroom 205 — ***Collected:*** 12/18/2021 10:39:00 AM — ***Lab ID:*** *012114782-0031*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	3.41	1.00	µg/L	1/3/2022 KB	1/3/2022 22:21 KB

Client Sample Description BRDW-FL-2-207 Classroom 207 — ***Collected:*** 12/18/2021 10:41:00 AM — ***Lab ID:*** *012114782-0032*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	3.41	1.00	µg/L	1/3/2022 KB	1/3/2022 22:28 KB

Client Sample Description BRDW-FL-2-211 Classroom 211 — ***Collected:*** 12/18/2021 10:46:00 AM — ***Lab ID:*** *012114782-0033*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	6.13	1.00	µg/L	1/3/2022 KB	1/3/2022 22:29 KB

Client Sample Description BRDW-FL-2-201 Classroom 201 — ***Collected:*** 12/18/2021 10:48:00 AM — ***Lab ID:*** *012114782-0034*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	3.78	1.00	µg/L	1/3/2022 KB	1/3/2022 22:31 KB

Client Sample Description BRDW-FL-2-206 Classroom 206 — ***Collected:*** 12/18/2021 10:52:00 AM — ***Lab ID:*** *012114782-0035*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	6.05	1.00	µg/L	1/3/2022 KB	1/3/2022 22:32 KB

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

EMSL Order:	012114782
CustomerID:	RAMA51
CustomerPO:	21-226
ProjectID:	

Attn: **Frederick Larson**
EnviroVision Consultants, Inc
20-21 Wagaraw Rd
Bldg 35E
Fair Lawn, NJ 07410

Phone: (973) 636-9145
Fax: (973) 636-9144
Received: 12/18/2021 09:00 AM

Project: **21-226 Scotch Plains/Fanwood PS-Brunner ES**

Analytical Results

Client Sample Description Blank Blank — ***Collected:*** 12/18/2021 10:53:00 AM — ***Lab ID:*** *012114782-0036*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*	*Analysis Date & Analyst*
METALS						
200.8	Lead	ND	1.00	µg/L	1/3/2022 KB	1/3/2022 22:34 KB

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: 012114782

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Lead Chain of Custody

EMSL Order Number / Lab Use Only

012114782

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

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

Customer Information		Billing Information	
Customer ID:	RAMA51	Billing ID:	RAMA51
Company Name:	EnviroVision Consultants, Inc.	Company Name:	EnviroVision Consultants, Inc.
Contact Name:	Frederick Larson	Billing Contact:	Frederick Larson
Street Address:	20-21 Wagaraw Road, Bldg 35E	Street Address:	20-21 Wagaraw Road, Bldg 35E
City, State, Zip:	Fair Lawn, NJ 07410	City, State, Zip:	Fair Lawn, NJ 07410
Country:	USA	Country:	
Phone:	973-636-9145	Phone:	973-636-9145
Email(s) for Report:	info@envirovisionconsultants.com	Email(s) for Invoice:	info@envirovisionconsultants.com

Project Information

Project Name/No: 21-226 Scotch Plains/Fanwood PS - Brunner ES

Purchase Order: 21-226

EMSL LIMS Project ID: (if applicable, EMSL will provide)

US State where samples collected: NJ

State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)

Sampled By Name: Cathy DiNardo

Sampled By Signature: C DiNardo

No. of Samples in Shipment

Turn-Around-Time (TAT)

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

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

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

	Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1	BRDW-FL-1-107	Classroom 107	250ML	12/18/21 855
2	BRDW-FL-1-106	Classroom 106	250ML	12/18/21 857
3	BRDW-FL-1-105	Classroom 105	250ML	12/18/21 901
4	BRTL-FL-1-109	Faculty Room 109	250ML	12/18/21 905
5	BRWC-FL-1-110	Multipurpose Rm 110	250 ML	12/18/21 908

Method of Shipment: Drop off

Sample Condition Upon Receipt:

Relinquished by:	Date/Time:	Received by:	Date/Time
C DiNardo	12/18/21	WI 1:25 PM	12-18-2021
Relinquished by:	Date/Time:	Received by: Teresa H. WI	Date/Time: 12/18/21 900am

Controlled Document - COC-25 Lead R15 4/19/2021

*6010C Available Upon Request

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

Page 1 of 2

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OrderID: 012114782

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Lead Chain of Custody

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

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

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

BRUNNER ES

	Sample Number	Sample Location	Volume / Area	Date / Time Sampled
6	BRDW-FL-1-111	Classroom 111	250mL	12/18/21 912
7	BRDW-FL-1-121	Classroom 121	250mL	12/18/21 914
8	BRDW-FL-1-112	Classroom 112	250 mL	12/18/21 917
9	BRDW-FL-1-113	Classroom 113	250mL	12/18/21 920
10	BRDW-FL-1-114	Classroom 114	250mL	12/18/21 923
11	BRDW-FL-1-119	Classroom 119	250mL	12/18/21 924
12	BRDW-FL-1-115	Classroom 115	250mL	12/18/21 926
13	BRDW-FL-1-118	Classroom 118	250mL	12/18/21 928
14	BRDW-FL-1-116	Classroom 116	250mL	12/18/21 931
15	BRWC-FL-1-117BU	Hallway at Gym 117	250 mL	12/18/21 937
16	BRWC-FL-1-117BL	Hallway at Gym 117	250 mL	12/18/21 937
17	BRDW-FL-1-124	Classroom 124	250 mL	12/18/21 942
18	BRWC-FL-1-131-2U	Hallway By 122/131	250 mL	12/18/21 948
19	BRWC-FL-1-131-2L	Hallway By 122/131	250mL	12/18/21 948
20	BRWC-FL-1-131-2BF	Hallway By 122/131	250mL	12/18/21 948
21	BRDW-FL-1-125	Classroom 125	250mL	12/18/21 953
22	BRDW-FL-1-126	Classroom 126	250mL	12/18/21 956
23	BRDW-FL-1-127	Classroom 127	250mL	12/18/21 1005
24	BRDW-FL-1-128	Classroom 128	250mL	12/18/21 1008
25	BRDW-FL-1-129	Classroom 129	250mL	12/18/21 1010
26	BRDW-FL-2-203	Classroom 203	250mL	12/18/21 1024
27	BRDW-FL-2-202	Classroom 202	250mL	12/18/21 1027
28	BRDW-FL-2-204	Classroom 204	250mL	12/18/21 1029
29	BRDW-FL2-210	Classroom 210	250mL	12/18/21 1034
30	BRDW-FL2-208	Classroom 208	250mL	12/18/21 1037

Method of Shipment: Drop Off

Sample Condition Upon Receipt:

Relinquished by:	Date/Time:	Received by:	Date/Time
CDiNardo	12/18/21		
Relinquished by:	Date/Time:	Received by:	Date/Time

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

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

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OrderID: 012114782

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Lead Chain of Custody

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

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

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

BRUNNER ES

	Sample Number	Sample Location	Volume / Area	Date / Time Sampled
31	BRDW-FL-2-205	Classroom 205	250mL	12/18/21 1039
32	BRDW-FL-2-207	Classroom 207	250mL	12/18/21 1041
33	BRDW-FL-2-211	Classroom 211	250mL	12/18/21 1046
34	BRDW-FL-2-201	Classroom 201	250mL	12/18/21 1048
35	BRDW-FL-2-206	Classroom 206	250mL	12/18/21 1052
36	BR-B	Blank	250mL	12/18/21 1053

Method of Shipment: Drop Off		Sample Condition Upon Receipt:	
Relinquished by: CDiNardo	Date/Time: 12/18/21	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-26 Lead R19 4/19/2021

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