

The Scotch Plains-Fanwood Public Schools

512 Cedar Street
Scotch Plains, New Jersey 07076

June 13, 2022

William J. McGinn Elementary School
1100 Roosevelt Avenue
Scotch Plains, NJ 07076

Dear McGinn 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, William J. McGinn 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 37 samples taken, all but 1 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 123 ID # MG.DW.FL.1.123	97.0 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 McGinn Elementary School
ADDRESS: 1100 Roosevelt Ave, Scotch Plains, NJ 07076
FIELD TECHNICIAN(S) Jordan Pryske
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 McGinn 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).

Thirty-seven of the thirty-nine initially requested samples were collected from McGinn Elementary School. Two outlets were out of service at the time of sampling. A blank sample was also collected as required.

Results: Thirty-six of the thirty-seven 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.



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

Outlet ID/Sample Number	Location	Results
MG.DW.FL.1.123	Classroom 123	97.0 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**
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20-21 Wagaraw Rd
Bldg 35E
Fair Lawn, NJ 07410

1/5/2022

Phone: (973) 636-9145
Fax: (973) 636-9144

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 12/20/2021. The results are tabulated on the attached data pages for the following client designated project:

21-226 Scotch Plains/Fanwood PS - McGinn ES

The reference number for these samples is EMSL Order #012115060. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



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

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

**EMSL Analytical, Inc.**

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EMSL Order: 012115060
 CustomerID: RAMA51
 CustomerPO: 21-226
 ProjectID:

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

Project: 21-226 Scotch Plains/Fanwood PS - McGinn ES

Analytical Results

Client Sample Description MG.WC.FI-1.159A *Collected:* 12/18/2021 *Lab ID:* 012115060-0001
 Hallway at 159 8:33:00 AM

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	ND	1.00 µg/L	1/4/2022 KB	1/4/2022 22:42 KB
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Client Sample Description MG.TL.FI-1.115 *Collected:* 12/18/2021 *Lab ID:* 012115060-0002
 Room 115 8:37:00 AM

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	10.2	1.00 µg/L	1/4/2022 KB	1/4/2022 22:43 KB
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Client Sample Description MG.WC.FI-1.MPR *Collected:* 12/18/2021 *Lab ID:* 012115060-0003
 Room 111 8:40:00 AM

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	ND	1.00 µg/L	1/4/2022 KB	1/4/2022 22:45 KB
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Client Sample Description MG.WC.FI-1.112-1L *Collected:* 12/18/2021 *Lab ID:* 012115060-0004
 Hallway at 112 8:43:00 AM

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	ND	1.00 µg/L	1/4/2022 KB	1/4/2022 22:46 KB
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Client Sample Description MG.WC.FI-1.112-1U *Collected:* 12/18/2021 *Lab ID:* 012115060-0005
 Hallway at 112 8:44:00 AM

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	ND	1.00 µg/L	1/3/2022 KB	1/4/2022 02:41 KB
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**EMSL Analytical, Inc.**

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 CustomerID: RAMA51
 CustomerPO: 21-226
 ProjectID:

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 Received: 12/20/2021 09:00 AM

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

Analytical Results

Client Sample Description MG.WC.FI-1.112-1BF
 Halfway at 112
Collected: 12/18/2021 8:45:00 AM
Lab ID: 012115060-0006

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	ND	1.00 µg/L	1/3/2022 KB	1/4/2022 02:45 KB
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Client Sample Description MG.DW.FI-1.104
 Room 104
Collected: 12/18/2021 8:47:00 AM
Lab ID: 012115060-0007

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	1.88	1.00 µg/L	1/3/2022 KB	1/4/2022 12:40 KB
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Client Sample Description MG.DW.FI-1.103
 Room 103
Collected: 12/18/2021 8:49:00 AM
Lab ID: 012115060-0008

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	8.02	1.00 µg/L	1/3/2022 KB	1/4/2022 02:51 KB
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Client Sample Description MG.DW.FI-1.105
 Room 105
Collected: 12/18/2021 8:51:00 AM
Lab ID: 012115060-0009

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	5.84	1.00 µg/L	1/3/2022 KB	1/4/2022 02:52 KB
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Client Sample Description MG.DW.FI-1.107
 Room 107
Collected: 12/18/2021 8:52:00 AM
Lab ID: 012115060-0010

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	1.74	1.00 µg/L	1/3/2022 KB	1/4/2022 02:54 KB
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Received: 12/20/2021 09:00 AM

Project: 21-226 Scotch Plains/Fanwood PS - McGinn ES

Analytical Results

Client Sample Description MG.DW.FI-1.120 Room 120 *Collected:* 12/18/2021 9:01:00 AM *Lab ID:* 012115060-0016

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	1.59	1.00 ug/L	1/3/2022 KB	1/4/2022 03:09 KB
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Client Sample Description MG.DW.FI-1.121 Room 121 *Collected:* 12/18/2021 9:03:00 AM *Lab ID:* 012115060-0017

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	9.00	1.00 ug/L	1/3/2022 KB	1/4/2022 03:10 KB
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Client Sample Description MG.DW.FI-1.123 Room 123 *Collected:* 12/18/2021 9:05:00 AM *Lab ID:* 012115060-0018

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	97.0 D	5.00 ug/L	1/3/2022 KB	1/4/2022 12:42 KB
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Client Sample Description MG.DW.FI-1.122 Room 122 *Collected:* 12/18/2021 9:06:00 AM *Lab ID:* 012115060-0019

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	1.60	1.00 ug/L	1/3/2022 KB	1/4/2022 12:43 KB
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Client Sample Description MG.DW.FI-1.124 Room 124 *Collected:* 12/18/2021 9:08:00 AM *Lab ID:* 012115060-0020

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
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METALS

200.8	Lead	1.12	1.00 ug/L	1/3/2022 KB	1/4/2022 03:14 KB
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**EMSL Analytical, Inc.**

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 Received: 12/20/2021 09:00 AM

Project: 21-226 Scotch Plains/Fanwood PS - McGinn ES

Analytical Results

Client Sample Description MG.DW.FI-1.108 **Collected:** 12/18/2021 **Lab ID:** 012115060-0011
 Room 108 8:53:00 AM

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

200.8	Lead	1.04	1.00 µg/L	1/3/2022 KB	1/4/2022 02:55 KB
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Client Sample Description MG.DW.FI-1.128 **Collected:** 12/18/2021 **Lab ID:** 012115060-0012
 Room 128 8:55:00 AM

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

200.8	Lead	4.36	1.00 µg/L	1/3/2022 KB	1/4/2022 02:57 KB
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Client Sample Description MG.DW.FI-1.116 **Collected:** 12/18/2021 **Lab ID:** 012115060-0013
 Room 116 8:57:00 AM

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

200.8	Lead	3.98	1.00 µg/L	1/3/2022 KB	1/4/2022 02:58 KB
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Client Sample Description MG.DW.FI-1.117 **Collected:** 12/18/2021 **Lab ID:** 012115060-0014
 Room 117 8:58:00 AM

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

200.8	Lead	3.32	1.00 µg/L	1/3/2022 KB	1/4/2022 03:00 KB
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Client Sample Description MG.DW.FI-1.119 **Collected:** 12/18/2021 **Lab ID:** 012115060-0015
 Room 119 8:59:00 AM

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

200.8	Lead	2.02	1.00 µg/L	1/3/2022 KB	1/4/2022 03:01 KB
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**EMSL Analytical, Inc.**

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Phone: (973) 636-9145
 Fax: (973) 636-9144
 Received: 12/20/2021 09:00 AM

Project: 21-226 Scotch Plains/Fanwood PS - McGinn ES

Analytical Results

Client Sample Description MG.WC.FI-1.142AL
 Hallway at 142
Collected: 12/18/2021 9:12:00 AM
Lab ID: 012115060-0021

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

200.8	Lead	ND	1.00 µg/L	1/3/2022 KB	1/4/2022 03:16 KB
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Client Sample Description MG.WC.FI-1.142AU
 Hallway at 142
Collected: 12/18/2021 9:13:00 AM
Lab ID: 012115060-0022

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

200.8	Lead	ND	1.00 µg/L	1/3/2022 KB	1/4/2022 03:17 KB
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Client Sample Description MG.WC.FI-1.142ABF
 Hallway at 142
Collected: 12/18/2021 9:14:00 AM
Lab ID: 012115060-0023

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

200.8	Lead	ND	1.00 µg/L	1/3/2022 KB	1/4/2022 03:19 KB
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Client Sample Description MG.DW.FI-1.130
 Room 130
Collected: 12/18/2021 9:16:00 AM
Lab ID: 012115060-0024

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

200.8	Lead	4.49	1.00 µg/L	1/3/2022 KB	1/4/2022 03:20 KB
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Client Sample Description MG.DW.FI-1.131
 Room 131
Collected: 12/18/2021 9:18:00 AM
Lab ID: 012115060-0025

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

200.8	Lead	2.07	1.00 µg/L	1/4/2022 KB	1/4/2022 19:36 KB
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 CustomerID: RAMA51
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Phone: (973) 636-9145
 Fax: (973) 636-9144
 Received: 12/20/2021 09:00 AM

Project: 21-226 Scotch Plains/Fanwood PS - McGinn ES

Analytical Results

Client Sample Description MG.DW.FI-1.132
 Room 132
Collected: 12/18/2021 9:20:00 AM
Lab ID: 012115060-0026

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

200.8	Lead	2.98	1.00 µg/L	1/4/2022 KB	1/4/2022 19:41 KB
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Client Sample Description MG.DW.FI-1.133
 Room 133
Collected: 12/18/2021 9:22:00 AM
Lab ID: 012115060-0027

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

200.8	Lead	5.65	1.00 µg/L	1/4/2022 KB	1/4/2022 19:45 KB
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Client Sample Description MG.DW.FI-1.134
 Room 134
Collected: 12/18/2021 9:23:00 AM
Lab ID: 012115060-0028

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

200.8	Lead	4.20	1.00 µg/L	1/4/2022 KB	1/4/2022 19:47 KB
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Client Sample Description MG.DW.FI-1.135
 Room 135
Collected: 12/18/2021 9:24:00 AM
Lab ID: 012115060-0029

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

200.8	Lead	3.14	1.00 µg/L	1/4/2022 KB	1/4/2022 19:48 KB
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Client Sample Description MG.DW.FI-1.136
 Room 136
Collected: 12/18/2021 9:25:00 AM
Lab ID: 012115060-0030

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

200.8	Lead	ND	1.00 µg/L	1/4/2022 KB	1/4/2022 19:49 KB
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**EMSL Analytical, Inc.**

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

EMSL Order: 012115060
 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: 12/20/2021 09:00 AM

Project: 21-226 Scotch Plains/Fanwood PS - McGinn ES

Analytical Results

Client Sample Description MG.DW.FI-1.137
 Room 137
Collected: 12/18/2021 9:27:00 AM
Lab ID: 012115060-0031

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

200.8	Lead	3.56	1.00 µg/L	1/4/2022 KB	1/4/2022 19:51 KB
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Client Sample Description MG.DW.FI-1.148
 Room 148
Collected: 12/18/2021 9:30:00 AM
Lab ID: 012115060-0032

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

200.8	Lead	1.06	1.00 µg/L	1/4/2022 KB	1/4/2022 19:52 KB
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Client Sample Description MG.DW.FI-1.149
 Room 149
Collected: 12/18/2021 9:32:00 AM
Lab ID: 012115060-0033

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

200.8	Lead	1.00	1.00 µg/L	1/4/2022 KB	1/4/2022 19:54 KB
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Client Sample Description MG.DW.FI-1.150
 Room 150
Collected: 12/18/2021 9:33:00 AM
Lab ID: 012115060-0034

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

200.8	Lead	ND	1.00 µg/L	1/4/2022 KB	1/4/2022 19:55 KB
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Client Sample Description MG.DW.FI-1.151
 Room 151
Collected: 12/18/2021 9:34:00 AM
Lab ID: 012115060-0035

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

200.8	Lead	1.23	1.00 µg/L	1/4/2022 KB	1/4/2022 19:57 KB
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**EMSL Analytical, Inc.**

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

EMSL Order: 012115060
 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: 12/20/2021 09:00 AM

Project: 21-226 Scotch Plains/Fanwood PS - McGinn ES

Analytical Results

Client Sample Description MG.DW.FI-1.152 **Collected:** 12/18/2021 **Lab ID:** 012115060-0036
 Room 152 9:35:00 AM

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

200.8	Lead	ND	1.00 µg/L	1/4/2022 KB	1/4/2022 20:04 KB
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Client Sample Description MG.DW.FI-1.152A **Collected:** 12/18/2021 **Lab ID:** 012115060-0037
 Room 152 9:36:00 AM

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

200.8	Lead	1.65	1.00 µg/L	1/4/2022 KB	1/4/2022 20:06 KB
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Client Sample Description MG-Blank **Collected:** 12/18/2021 **Lab ID:** 012115060-0038
 9:38:00 AM

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

200.8	Lead	ND	1.00 µg/L	1/4/2022 KB	1/4/2022 20:07 KB
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Definitions:

- MDL - method detection limit
- J - Result was below the reporting limit, but at or above the MDL
- ND - indicates that the analyte was not detected at the reporting limit
- RL - Reporting Limit (Analytical)
- D - Dilution Sample required a dilution which was used to calculate final results



Lead Chain of Custody

EMSL Order Number / Lab Use Only

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

PHONE: (800) 220-3675

EMAIL: Cinnaminson.LeadLab@emsl.com

EMBL ANALYTICAL, INC.
TESTING LABS, PRODUCTS, TRAINING

012115060

Customer Information	Customer ID: RAMA51	Billing Information	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 Country: USA		City, State, Zip: Fair Lawn, NJ 07410 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 - McGinn ES Purchase Order: 21-226

EMSL LMS Project ID: (if applicable, EMSL will provide) US State where sample(s) collected: NJ State of Connecticut (CT) must select project location: Commercial (Taxable) Residential (Non-Taxable)

Sampled By Name: Jordan Rysko Sampled By Signature: *J Rysko* 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 8 Hours or Less. 32 Hour TAT available for select items only; samples must be stabilized by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHPSP <input type="checkbox"/> by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/ton	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input type="checkbox"/>
Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
	NIOSH 7082	Flame Atomic Absorption	4µg/liter	<input type="checkbox"/>
AIR	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/liter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/liter	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLIC	22 CFR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CFR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CFR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CFR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Unpreserved	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Preserved with HNO3 PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
Drinking Water	EPA 200.5	ICP-OES	0.001 mg/L (ppm)	<input type="checkbox"/>
Unpreserved	② PH<2 EL 12/28 EPA 200.5	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
Preserved with HNO3	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
TSP/SPM Filter				<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1 MB.WC.FI-1.159A	Hallway at 69		12/18/21 0833
2 ENG-TL.FI-1.115	Room 115		0837
3 MB.WC.FI-1.MPR	Room 111		0840
4 MB.WC.FI-1.112-1L	Hallway at 112		0843
5 MB.WC.FI-1.112-1H	Hallway at 112		0841

Method of Shipment:

Requested by: <i>J Rysko</i>	Date/Time: 12/18/21 112A	Received by: <i>C DiNardo</i>	Date/Time: 12/18/21 1129
Requested by: <i>C DiNardo</i>	Date/Time: 12/18/21	Received by: <i>Ki [Signature]</i>	Date/Time: 12-18-21 1125 AM
		Requested by: <i>Stewart H. [Signature]</i>	Date/Time: 12/20/21 9:00am

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.

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

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38 EL Page 1 of 2



Lead Chain of Custody

EMSL Order Number / Lab Use Only

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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

012115060

PHONE: (800) 220-3875

EMAIL: Cinnaminson.leadlab@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.)

McGINN ES

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
6	Mb. Wc. FI-1. 112-1BF	Hallway at 112	08/18/21 0845
7	Mb. Dw. FI-1. 104	Room 104	0847
8	Mb. Dw. FI-1. 103	Room 103	0849
9	Mb. Dw. FI-1. 105	Room 105	0851
10	Mb. Dw. FI-1. 107	Room 107	0852
11	Mb. Dw. FI-1. 108	Room 108	0853
12	Mb. Dw. FI-1. 108	Room 108	0855
13	Mb. Dw. FI-1. 116	Room 116	0857
14	Mb. Dw. FI-1. 117	Room 117	0858
15	Mb. Dw. FI-1. 119	Room 119	0859
16	Mb. Dw. FI-1. 120	Room 120	0901
17	Mb. Dw. FI-1. 121	Room 121	0903
18	Mb. Dw. FI-1. 123	Room 123	0905
19	Mb. Dw. FI-1. 122	Room 122	0906
20	Mb. Dw. FI-1. 124	Room 124	0908
21	Mb. Wc. FI-1. 142AL	Hallway at 142	0912
22	Mb. Wc. FI-1. 142AH	Hallway at 142	0913
23	Mb. Wc. FI-1. 142ABF	Hallway at 142	0914
24	Mb. Dw. FI-1. 130	Room 130	0916
25	Mb. Dw. FI-1. 131	Room 131	0918
26	Mb. Dw. FI-1. 132	Room 132	0920
27	Mb. Dw. FI-1. 133	Room 133	0922
28	Mb. Dw. FI-1. 134	Room 134	0923
29	Mb. Dw. FI-1. 135	Room 135	0924
30	Mb. Dw. FI-1. 136	Room 136	0925

Method of Shipment:		Sample Condition Upon Receipt:	
Requisitioned by: <i>J. Lopez</i>	Date/Time: 12/18/21 1129	Received by: <i>C. D. Navarro</i>	Date/Time: 12/18/21 1129
Requisitioned by: <i>C. D. Navarro</i>	Date/Time: 12/18/21	Received by:	Date/Time:

Contract/Order No.: CDO-28 (Rev. 11/16/2021)

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.

