

Attachment L - Results Summary Lead in Water Sample

School Name: Frost Elementary School

Outlet Code	Sample ID	Location/Description	Result (ppb)	Above AL?
1S	44-0521-F01	Kitchen - Food prep sink (only hot water works)	3.54	No
2S	44-0521-F02	Kitchen - Dish washer sink (left) (faucet drips)	2.19	No
3S	44-0521-F03	Kitchen - Dish washer sink (right)	ND	No
4S	44-0521-F04	Kitchen bathroom sink	1.93	No
12WF	44-0521-F05	WF/ Filler station - Outside of restrooms at corner of Grade 1 and Kindergarten (filler)	ND	No
36WF	44-0521-F06	WF/ Filler station - Outside of Art Room in hallway of Grade 3 (filler)	ND	No
BLANK	44-0521-F07	Deionized Blank	ND	No

Action Level (AL) ≥15.5 parts per billion (ppb)
 ND = None Detected; NR = Not Reported



Environmental Design Inc.

Professional Environmental Consultants

Lead (Pb) in Water Sampling Chain of Custody

EMSL Order ID (Lab Use Only):

Company:	Environmental Design Inc. (EDI-50)	EMSL Bill To:	EDI-50
Street:	5434 King Avenue, Suite 101	Phone:	856-616-9516
City/State/Zip:	Pennsauken, NJ 08109	Fax:	856-616-9519
Send Report To:	Tom Pruno	Send Results To:	tp@editesting.com/ mh@editesting.com
State Samples Taken:	NJ	Turnaround Time (TAT):	2 Weeks

Matrix	Method	Instrument	Reporting Limit	Preservative
Drinking Water (Preserved w/HNO ₃ pH <2)	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	Nitric acid
EDI Client/Site:	East Brunswick SD – Frost Elementary School		EDI Project #:	PR-22051-1963
Special Instructions: ** Please provide Excel Data File as well as Standard Report **				
Email Results to: tp@editesting.com/ mh@editesting.com				

Sample #	Sample Description/Location	Volume	Date/Time Sampled
44-0521-F01	Kitchen - Food prep sink (only hot water works)	250 mL	5/21/2022 9:55 AM
44-0521-F02	Kitchen - Dish washer sink (left) (faucet drips)	250 mL	5/21/2022 9:55 AM
44-0521-F03	Kitchen - Dish washer sink (right)	250 mL	5/21/2022 9:56 AM
44-0521-F04	Kitchen bathroom sink	250 mL	5/21/2022 9:57 AM
44-0521-F05	WF/ Filler station - Outside of restrooms at corner of Grade 1 and Kindergarten (filler)	250 mL	5/21/2022 10:01 AM
44-0521-F06	WF/ Filler station - Outside of Art Room in hallway of Grade 3 (filler)	250 mL	5/21/2022 10:07 AM
44-0521-F07	Deionized Blank	250 mL	
Relinquished By:		Received By:	
Date: 5/23/22	Time:	Date:	Time:



EDI is a Service Disabled Veteran Owned Small Business!



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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

Attn:

Tom Pruno
Environmental Design, Inc.
5434 King Avenue
Suite 101
Pennsauken, NJ 08109

6/6/2022

Phone: (856) 616-9516

Fax: (586) 616-9517

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/23/2022. The results are tabulated on the attached data pages for the following client designated project:

East Brunswick SD-Frost Elementary School

The reference number for these samples is EMSL Order #012208112. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



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

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

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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

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

EMSL Order: 012208112

CustomerID: EDI50

CustomerPO:

ProjectID:

Attn: **Tom Pruno**
Environmental Design, Inc.
5434 King Avenue
Suite 101
Pennsauken, NJ 08109

Phone: (856) 616-9516
 Fax: (586) 616-9517
 Received: 5/23/2022 12:55 PM

Project: **East Brunswick SD-Frost Elementary School****Analytical Results**

Client Sample Description 44-0521-F01 **Collected:** 5/21/2022 **Lab ID:** 012208112-0001
 Kitchen-Food prep sink (only hot water works) 9:55:00 AM

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

200.8	Lead	3.54	1.00 µg/L	6/1/2022 KG	6/1/2022 14:31 KG
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Client Sample Description 44-0521-F02 **Collected:** 5/21/2022 **Lab ID:** 012208112-0002
 Kitchen-Dish washer sink (left) (faucet drips) 9:55:00 AM

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

200.8	Lead	2.19	1.00 µg/L	6/1/2022 KG	6/1/2022 14:39 KG
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Client Sample Description 44-0521-F03 **Collected:** 5/21/2022 **Lab ID:** 012208112-0003
 Kitchen-Dish washer sink (right) 9:56:00 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	6/1/2022 KG	6/1/2022 14:40 KG
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Client Sample Description 44-0521-F04 **Collected:** 5/21/2022 **Lab ID:** 012208112-0004
 Kitchen bathroom sink 9:57:00 AM

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

200.8	Lead	1.93	1.00 µg/L	6/1/2022 KG	6/1/2022 14:42 KG
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Client Sample Description 44-0521-F05 **Collected:** 5/21/2022 **Lab ID:** 012208112-0005
 WF/Filler station-Outside of restrooms at corner of Grade 1 and Kindergarten (filler) 10:01:00 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	6/1/2022 KG	6/1/2022 14:43 KG
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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: 012208112

CustomerID: EDI50

CustomerPO:

ProjectID:

Attn: **Tom Pruno**
Environmental Design, Inc.
5434 King Avenue
Suite 101
Pennsauken, NJ 08109

Phone: (856) 616-9516
 Fax: (586) 616-9517
 Received: 5/23/2022 12:55 PM

Project: **East Brunswick SD-Frost Elementary School****Analytical Results**

Client Sample Description 44-0521-F06 **Collected:** 5/21/2022 **Lab ID:** 012208112-0006
 WF/Filler station-Outside of Art room in hallway of
 Grade 3 (filler) 10:07:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/1/2022 KG	6/1/2022 14:45 KG

Client Sample Description 44-0521-F07 **Collected:** 5/21/2022 **Lab ID:** 012208112-0007
 Deionized Blank

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/1/2022 KG	6/1/2022 14:46 KG

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