Summary Report for Lead in Water Sampling

at the

Universal Creighton Charter School

5401 Tabor Avenue, Philadelphia, Pa

Prepared for

Lawerence Threadgill
Universal Companies
1427 Catharine Street, 4th Floor
Philadelphia, Pennsylvania 19146

Prepared by

FIG Environmental LLC
PO Box 8574, Turnersville, NJ 08012
EPA Lead Safe Certified Firm #NAT-F273209-1
PA Lead Risk Assessor #004799

FIG Project ID: C-25-062
August 2025

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Introduction

On August 14, 2025, water sampling was performed as part of an ongoing lead-in-drinking-water monitoring program designed to assess, document, and verify compliance with acceptable water quality standards at all accessible potable water outlets within the K–8 charter school facility. The scope of work included the collection and laboratory analysis of water samples for lead concentration.

This report provides a detailed summary of the sampling methodology and sampling results.

Understanding Lead in Drinking Water

Lead is a metal that can be found in natural deposits, but most lead in drinking water comes from plumbing materials — like pipes, faucets, and fixtures — rather than from the water source itself. It can get into drinking water when these materials corrode, especially in older homes or buildings.

Buildings built before 1986 are more likely to have pipes, solder, or fixtures made with lead. But even newer buildings aren't completely safe — plumbing labeled "lead-free" could still have small amounts of lead. Brass faucets or chrome-plated fixtures are common sources, especially when hot water is used.

When lead is found in drinking water, the resolution may involve replacing parts of the plumbing system with lead-free materials.

There is no safe level of lead exposure. Even small amounts can affect your health. Lead is a toxic metal that adversely affects the nervous system in both children and adults. Prolonged exposure may impair cognitive function and other neurological processes. In adults, particularly those who are middle-aged or older, lead exposure has also been associated with elevated blood pressure and may lead to anemia.

At high levels, lead can cause severe damage to the brain and kidneys in both adults and children, and in extreme cases, may be fatal.

Lead is undetectable by taste, or smell, making it difficult to identify in drinking water without proper testing. The health effects of low-level exposure are often not immediately apparent. Symptoms, if present, may be subtle or mistaken for other illnesses, such as the flu.

Many water treatment systems are capable of significantly reducing lead levels in drinking water, though their effectiveness varies by system type and maintenance.

National Primary Drinking Water Regulations

The National Primary Drinking Water Regulations (NPDWRs) are legally enforceable standards issued by the U.S. Environmental Protection Agency (EPA) to protect public health by limiting contaminants in public drinking water systems. The purpose of the NPDWRs is to ensure safe drinking water by setting limits on contaminants that can adversely affect human health. Maximum Contaminant Levels (MCLs) are the highest amount of a contaminant allowed in drinking water delivered by public water systems, as set by the EPA under the National NPDWRs.

In accordance with the City of Philadelphia Code, the Action Level (AL) for lead (Pb) in drinking water is 10 micrograms per liter (µg/L), or 10 parts per billion (ppb). By comparison, the Environmental Protection Agency (EPA) sets the federal drinking water standard at 15 micrograms per liter (µg/L). The Action Level represents the concentration of lead in water at which certain regulatory responses may be required, including corrosion control treatment, source water treatment, lead service line replacement, and public education**.**

Codes & Standards

There are currently no state or federal regulations that mandate the testing of drinking water in schools, with the exception of institutions that operate their own water supply systems and are therefore governed by the Safe Drinking Water Act (SDWA). The vast majority of public water suppliers do not incorporate schools into their routine sampling protocols, as existing regulations—specifically the Lead and Copper Rule—primarily require sampling from single-family residential dwellings. Nevertheless, Section A-703.2; B. of The Philadelphia Code establishes that *"The Health Department or a testing agency certified by the Pennsylvania Department of Environmental Protection has certified, within the previous five years, that the building is in substantial compliance with applicable water quality requirements of the Board of Health, provided that in no event shall applicable water quality requirements be deemed to permit lead in water at an outlet such as a sink or water fountain that is in service at 10 ppb or more. Any water outlet determined to exceed any such water quality requirements shall be taken out of service within 24 hours of notification of the relevant test. The owner of the educational occupancy shall post the results of the most recent water quality testing at each educational occupancy to a generally available website within ten days of receipt of the results."*

Board of Health Requirements for Water Outlet Testing and Reporting

In accordance with Board of Health regulations, your facility is responsible for reporting the testing of all potable water outlets. Test results must be submitted to the Philadelphia Department of Public Health via email at **WflterLeadTesti11g@phila.gov**.

Each submission must include the following:

1. **Cover Letter**
    - Include the name, address, and contact information of your facility.
    - Clearly identify the purpose of the submission.

2. **Laboratory Report**
    - Provide the sampling date.
    - Identify the laboratory that conducted the analysis.
    - Report the lead concentration for each potable water outlet tested.
3. **Response to Elevated Lead Levels**
    - If any outlet shows a lead concentration **equal to or exceeding 10 parts per billion (µg/L)**, you are required to discontinue use of that outlet **within 24 hours**.
    - Describe the corrective action(s) taken in response to elevated levels in the cover letter.
    - An outlet may only be returned to service **after corrective measures have been implemented,** and a follow-up test confirms that the lead level is **below 10 parts per billion (µg/L)**.

Please ensure all documentation is complete and submitted promptly to ensure compliance with health and safety regulations.

Sampling Compliance

All water samples were collected by a licensed Pennsylvania Lead Risk Assessor in the recommended pre-cleaned, 250 mL sampling container supplied by the laboratory, EMSL Analytical of Cinnaminson, New Jersey (NLLAP accredited laboratory). Sampling included both a “first draw” and a “flush” sample taken from each drinking water outlet, as well as a first draw sample from filtered bottle filler outlets. In accordance with EPA 40 CFR Part 141 Subpart I (Lead and Copper Rule) guidelines, all outlets were ideally left unused for a minimum of 6 hours prior to sample collection. The samples were analyzed via Metals ICP-MS-EPA 200.8

Sampling Results

Table No. 1 outlines the sampling data and analytical results from water samples collected on August 14, 2025 at the Universal Creighton Charter School:

Table No. 1				
Sample #	**Outlet Source**	**Draw Sample**	**Location**	**Results**
MAIN BUILDING (Newer 1-Story Building)				
1	S	First	Kitchen Left Sink	1.95
2	S	Flush		ND
3	S	First	Kitchen Right Sink	1.57
4	S	Flush		ND
5	F	First	Hall / Low Fountain outside Women’s Room	ND
6	F	Flush		ND
7	BF	First	Hall / Bottle Filler outside Women’s Room	ND
8	F	First	Room 402 Fountain	ND
9	F	Flush		ND

10	S	First	Room 402 Sink	ND
11	S	Flush		ND
12	F	First	Room 401 Fountain	ND
13	F	Flush		ND
14	S	First	Room 401 Sink	7.83
15	S	Flush		1.02
16	F	First	Room 403 Fountain	ND
17	F	Flush		ND
18	S	First	Room 403 Sink	ND
19	S	Flush		ND
20	F	First	Room 405 Fountain	ND
21	F	Flush		ND
22	S	First	Room 405 Sink	3.25
23	S	Flush		ND
24	F	First	Room 407 Fountain	ND
25	F	Flush		ND
26	S	First	Room 407 Sink	1.20
27	S	Flush		ND
28	F	First	Room 408 Fountain	ND
29	F	Flush		ND
30	S	First	Room 408 Sink	1.17
31	S	Flush		1.08
32	F	First	Room 409 Fountain	ND
33	F	Flush		ND
34	S	First	Room 409 Sink	ND
35	S	Flush		ND
36	F	First	Room 410 Fountain	ND
37	F	Flush		ND
38	S	First	Room 410 Sink	ND
39	S	Flush		ND
40	F	First	Room 411 Fountain	ND
41	F	Flush		ND
42	S	First	Room 411 Sink	ND
43	S	Flush		ND
OLD BUILDING				
44	S	First	**Kitchen Side Sink**	**110 AAL**
45	S	Flush		4.75
46	S	First	**Kitchen Left Sink**	**10.7 AAL**
47	S	Flush		**166 AAL**
48	S	First	Kitchen Right Sink	1.34
49	S	Flush		8.65
50	F	First	Hall Fountain outside Room 104*	ND
51	F	Flush		ND
52	F	First	Hall Fountain near Room 109	ND
53	F	Flush		ND

54	F	First	Hall Fountain outside Room 204**	ND
55	F	Flush		ND
56	F	First	Hall Fountain near Room 209	ND
57	F	Flush		ND
58	BF	First	Bottle Filler near Room 209	ND
59	F	First	Hall Fountain outside Room 304	ND
60	F	Flush		ND
61	BF	First	Bottle Filler outside Room 304	ND
62	F	First	Hall Fountain near Room 309	ND
63	F	First	Bottle Filler near Room 309	ND

*Bottle filler outside Room 104 was Out of Order
** Bottle filler outside Room 204 was Out of Order

Table No. 2 definitions:

Table No. 2	
F	**Fountain**
S	**Sink**
BF	**Bottle Filler**
AAL	**Above Action Level- Remove from Service Immediately**
ND	**Analyte was NOT DETECTED at or above the detection limit**

FIG Environmental LLC is available to address any questions regarding the data provided in this report. Please call our office at 856-553-6162 for further discussions. We appreciate the opportunity given to provide you with our professional services.

John Fiorelli
Project Manager
PA Lead Risk Assessor #004799
FIG Environmental LLC

Attachments (1)

ATTACHEMENT NO. 1
LABORATORY RESULTS & CHAIN OF CUSTODY

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012531811
LIMS Reference ID: AD31811
EMSL Customer ID: FIGE23

Attention: Janae Fiorelli
FIG Environmental LLC [FIGE23]
PO Box 8574
Turnersville, NJ 08012-8574
856-553-6162

Project Name: Universal Creighton School / C-25-062-05
Project ID: C-25-062-05
Customer PO:
Sales Rep: Justin Monturano
Received: 08/14/2025 11:25
Reported: 08/28/2025 16:23

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 01/FD - Kitchen Left		**Lims Reference ID:**		**AD31811-01**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	**1.95**		1	1.00	µg/L	08/21/25 12:52	08/25/25 10:50	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 02/FL - Kitchen Left		**Lims Reference ID:**		**AD31811-02**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	**ND**		1	1.00	µg/L	08/21/25 12:52	08/25/25 10:55	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 03/FD - Kitchen Right		**Lims Reference ID:**		**AD31811-03**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	**1.57**		1	1.00	µg/L	08/21/25 12:52	08/25/25 10:57	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 04/FL - Kitchen Right		**Lims Reference ID:**		**AD31811-04**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	**ND**		1	1.00	µg/L	08/21/25 12:52	08/25/25 10:59	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 05/FD - Hall low Fountain O/S Women's		**Lims Reference ID:**		**AD31811-05**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	**ND**		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:01	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 06/FL - Hall low Fountain O/S Women's		**Lims Reference ID:**		**AD31811-06**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	**ND**		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:07	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 07/FD - Hall Bottle Fill O/S Women's		**Lims Reference ID:**		**AD31811-07**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	**ND**		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:09	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 08/FD - 402 Fountain		**Lims Reference ID:**		**AD31811-08**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	**ND**		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:10	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 09/FL - 402 Fountain		**Lims Reference ID:**		**AD31811-09**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									

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Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 09/FL - 402 Fountain (Continued)			**Lims Reference ID:**	**AD31811-09**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals (Continued)									
Lead	ND		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:12	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 10/FD - 402 Sink			**Lims Reference ID:**	**AD31811-10**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:14	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 11/FL - 402 Sink			**Lims Reference ID:**	**AD31811-11**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:16	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 12/FD - 401 Fountain			**Lims Reference ID:**	**AD31811-12**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:22	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 13/FL - 401 Fountain			**Lims Reference ID:**	**AD31811-13**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:24	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 14/FD - 401 Sink			**Lims Reference ID:**	**AD31811-14**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	7.83		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:29	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 15/FL - 401 Sink			**Lims Reference ID:**	**AD31811-15**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	1.02		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:31	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 16/FD - Room 403 Fountain			**Lims Reference ID:**	**AD31811-16**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:33	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 17/FL - Room 403 Fountain			**Lims Reference ID:**	**AD31811-17**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									

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Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 17/FL - Room 403 Fountain (Continued)			**Lims Reference ID:**		**AD31811-17**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals (Continued)									
Lead	ND		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:35	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 18/FD - Room 403 Sink			**Lims Reference ID:**		**AD31811-18**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:37	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 19/FL - Room 403 Sink			**Lims Reference ID:**		**AD31811-19**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:39	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 20/FD - Room 405 Fountain			**Lims Reference ID:**		**AD31811-20**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:52	08/25/25 11:41	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 21/FL - Room 405 Fountain			**Lims Reference ID:**		**AD31811-21**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 11:53	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 22/FD - Room 405 Sink			**Lims Reference ID:**		**AD31811-22**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	3.25		1	1.00	µg/L	08/21/25 12:55	08/25/25 11:59	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 23/FL - Room 405 Sink			**Lims Reference ID:**		**AD31811-23**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:01	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 24/FD - Room 407 Fountain			**Lims Reference ID:**		**AD31811-24**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:02	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 25/FL - Room 407 Fountain			**Lims Reference ID:**		**AD31811-25**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									

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(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 25/FL - Room 407 Fountain (Continued)			**Lims Reference ID:**		**AD31811-25**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals (Continued)									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:04	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 26/FD - Room 407 Sink			**Lims Reference ID:**		**AD31811-26**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	1.20		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:10	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 27/FL - Room 407 Sink			**Lims Reference ID:**		**AD31811-27**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:12	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 28/FD - Room 408 Fountain			**Lims Reference ID:**		**AD31811-28**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:14	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 29/FL - Room 408 Fountain			**Lims Reference ID:**		**AD31811-29**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:16	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 30/FD - Room 408 Sink			**Lims Reference ID:**		**AD31811-30**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	1.17		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:18	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 31/FL - Room 408 Sink			**Lims Reference ID:**		**AD31811-31**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	1.08		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:19	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 32/FD - Room 409 Fountain			**Lims Reference ID:**		**AD31811-32**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:25	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 33/FL - Room 409 Fountain			**Lims Reference ID:**		**AD31811-33**	**Matrix: Drinking Water**			**Sampled: 08/14/25 00:00:00**
Metals									

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(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 33/FL - Room 409 Fountain (Continued)			**Lims Reference ID:**	**AD31811-33**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals (Continued)									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:27	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 34/FD - Room 409 Sink			**Lims Reference ID:**	**AD31811-34**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:33	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 35/FL - Room 409 Sink			**Lims Reference ID:**	**AD31811-35**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:35	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 36/FD - Room 410 Fountain			**Lims Reference ID:**	**AD31811-36**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:36	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 37/FL - Room 410 Fountain			**Lims Reference ID:**	**AD31811-37**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:38	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 38/FD - Room 410 Sink			**Lims Reference ID:**	**AD31811-38**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:40	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 39/FL - Room 410 Sink			**Lims Reference ID:**	**AD31811-39**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:42	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 40/FD - Room 411 Fountain			**Lims Reference ID:**	**AD31811-40**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 12:55	08/25/25 12:44	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 41/FL - Room 411 Fountain			**Lims Reference ID:**	**AD31811-41**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									

EMSL Analytical, Inc.

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Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012531811
LIMS Reference ID: AD31811
EMSL Customer ID: FIGE23

Attention: Janae Fiorelli
FIG Environmental LLC [FIGE23]
PO Box 8574
Turnersville, NJ 08012-8574
856-553-6162

Project Name: Universal Creighton School / C-25-062-05
Project ID: C-25-062-05
Customer PO:
Sales Rep: Justin Monturano
Received: 08/14/2025 11:25
Reported: 08/28/2025 16:23

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 41/FL - Room 411 Fountain (Continued)						**Lims Reference ID: AD31811-41**	**Matrix: Drinking Water**		**Sampled: 08/14/25 00:00:00**
Metals (Continued)									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 12:56	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 42/FD - Room 411 Sink						**Lims Reference ID: AD31811-42**	**Matrix: Drinking Water**		**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:01	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 43/FL - Room 411 Sink						**Lims Reference ID: AD31811-43**	**Matrix: Drinking Water**		**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:03	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 44/FD- Kitchen Side Sink						**Lims Reference ID: AD31811-44**	**Matrix: Drinking Water**		**Sampled: 08/14/25 00:00:00**
Metals									
Lead	110	D	2	2.00	µg/L	08/25/25 10:26	08/26/25 15:56	SE	EPA 200.8 (Dig)/EPA 200.8
Sample: 45/FL- Kitchen Side Sink						**Lims Reference ID: AD31811-45**	**Matrix: Drinking Water**		**Sampled: 08/14/25 00:00:00**
Metals									
Lead	4.75		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:05	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 46/FD- Kitchen Left						**Lims Reference ID: AD31811-46**	**Matrix: Drinking Water**		**Sampled: 08/14/25 00:00:00**
Metals									
Lead	10.7		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:07	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 47/FL- Kitchen Left						**Lims Reference ID: AD31811-47**	**Matrix: Drinking Water**		**Sampled: 08/14/25 00:00:00**
Metals									
Lead	166	D	5	5.00	µg/L	08/25/25 10:26	08/26/25 16:11	SE	EPA 200.8 (Dig)/EPA 200.8
Sample: 48/FD- Kitchen Right						**Lims Reference ID: AD31811-48**	**Matrix: Drinking Water**		**Sampled: 08/14/25 00:00:00**
Metals									
Lead	1.34		1	1.00	µg/L	08/25/25 10:26	08/26/25 15:51	SE	EPA 200.8 (Dig)/EPA 200.8
Sample: 49/FL- Kitchen Right						**Lims Reference ID: AD31811-49**	**Matrix: Drinking Water**		**Sampled: 08/14/25 00:00:00**
Metals									

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Project Name: Universal Creighton School / C-25-062-05
Project ID: C-25-062-05
Customer PO:
Sales Rep: Justin Monturano
Received: 08/14/2025 11:25
Reported: 08/28/2025 16:23

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 49/FL- Kitchen Right (Continued)		**Lims Reference ID:**		**AD31811-49**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals (Continued)									
Lead	8.65		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:13	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 50/FD - Hall Fountain O/S 104		**Lims Reference ID:**		**AD31811-50**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:15	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 51/FL - Hall Fountain O/S 104		**Lims Reference ID:**		**AD31811-51**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:16	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 52/FD - Hall Fountain		**Lims Reference ID:**		**AD31811-52**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:18	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 53/FL - Hall Fountain Near 109		**Lims Reference ID:**		**AD31811-53**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:20	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 54/FD - Fountain O/S 204		**Lims Reference ID:**		**AD31811-54**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:22	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 55/FL - Fountain O/S 204		**Lims Reference ID:**		**AD31811-55**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:28	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 56/FD - Fountain Near 209		**Lims Reference ID:**		**AD31811-56**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:30	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 57/FL - Fountain Near 209		**Lims Reference ID:**		**AD31811-57**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									

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EMSL Customer ID: FIGE23

Attention: Janae Fiorelli
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PO Box 8574
Turnersville, NJ 08012-8574
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Project Name: Universal Creighton School / C-25-062-05
Project ID: C-25-062-05
Customer PO:
Sales Rep: Justin Monturano
Received: 08/14/2025 11:25
Reported: 08/28/2025 16:23

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 57/FL - Fountain Near 209 (Continued)			**Lims Reference ID:**	**AD31811-57**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals (Continued)									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:35	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 58/FD - Bottle Fill Near 209			**Lims Reference ID:**	**AD31811-58**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:37	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 59/FD - Fountain O/S 304			**Lims Reference ID:**	**AD31811-59**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:39	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 60/FL - Fountain O/S 304			**Lims Reference ID:**	**AD31811-60**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:41	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 61/FD - Bottle Fill O/S 304			**Lims Reference ID:**	**AD31811-61**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:43	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 62/FD - Fountain Near 309			**Lims Reference ID:**	**AD31811-62**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:45	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 63/FD - Bottle Fill Near 309			**Lims Reference ID:**	**AD31811-63**	**Matrix: Drinking Water**				**Sampled: 08/14/25 00:00:00**
Metals									
Lead	ND		1	1.00	µg/L	08/21/25 15:45	08/25/25 13:47	PL	EPA 200.8 (DA)/EPA 200.8

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FIG Environmental LLC [FIGE23]
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Turnersville, NJ 08012-8574
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Project Name: Universal Creighton School / C-25-062-05
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Certified Analyses included in this Report

Analyte	Certifications
EPA 200.8 in Drinking Water	
Lead	NJDEP

List of Certifications

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	2845.25	11/30/2025
NYSDOH	New York State Department of Health ELAP	10872	04/01/2026
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2026
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2026
CTDPH	Connecticut Department of Public Health	PH-0270	06/30/2026
California ELAP	California Water Boards	1877	06/30/2026
AIHA LAP	American Industrial Hygiene Association (AIHA LAP, LLC)	100194	04/01/2027
A2LA	A2LA Environmental Certificate	2845.01	07/31/2026

Please see the specific Field of Testing (FOT) on www.emsl.com <http://www.emsl.com> for a complete listing of parameters for which EMSL is certified.

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Project ID: C-25-062-05
Customer PO:
Sales Rep: Justin Monturano
Received: 08/14/2025 11:25
Reported: 08/28/2025 16:23

Notes and Definitions

Item	Definition
D	Analyte was reported from a dilution run.
P3	Sample was preserved by client prior to getting into laboratory.
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DA	Direct Analysis
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
RCS	Respirable Crystalline Silica
RL	Reporting Limit
Wet	Sample is not dry weight corrected.

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

Owen McKenna Laboratory Manager or other approved signatory

AD 31811

FIG Environmental LLC
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Pb in Water SAMPLE CHAIN OF CUSTODY

PROJECT NAME	UNIVERSAL Creighton School
PROJECT ID	C25-962-05
COLLECTED BY	Jim Smith 8:30am - 10:30am
TRANSMITTED BY	JS 8/14/25

DATE	08/14/25
ANALYSIS	ICPMS
TURNAROUND TIME	10 DAY
LABORATORY	Eml.

↓ NEWER 1 LEVEL BLDG TO SAMPLE 43

Sample #	Volume	Sample Designation (FD=First Draw, FL=Flush)	Outlet Location	Note
01		FD	Kitchen Left	
02		FL	" "	
03		FD	Kitchen Right	
04		FL	" "	
05		FD	Hall Low Fountain o/s Women's	
06		FL	" "	
07		FD	Hall Bottle Fill o/s Women's.	
08		FD	402 Fountain	
09		FL	" "	
10		FD	402 Sink	
11		FL	" "	
12		FD	401 Fountain	
13		FL	401 "	
14		FD	401 Sink	
15		FL	" "	
16		FD	Room 403 Fountain	
17		FL	" "	

8/14/25 1125am

AD31811

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Pb in Water SAMPLE CHAIN OF COUSTODY

PROJECT NAME	Universal Childhood School	DATE	8/13/25
PROJECT ID	C-25-062-05	ANALYSIS	ICP MS
COLLECTED BY	JPF 8/13 1030 AM	TURNAROUND TIME	10 DAY
TRANSMITTED BY	JPF 8/14/25	LABORATORY	Envl.

Sample #	Volume	Sample Designation (FD=First Draw, FL=Flush)	Outlet Location	Note
35		FL	Room 408 Flush. Sink	
36		FD	Room 410 Fountain	
37		FL	" "	
38		FD	Room 410 Sink	
39		FL.	" "	
40		FD	Room 411 Fountain	
41		FL	" "	
42		FD	Room 411 Sink	
43		FL	" "	
44		FD	Kitchen Side Sink	
45		FL.	" "	
46		FD	Kitchen Left	
47		FL	" "	
48		FD	Kitchen Right	
49		FL	" "	
50		FD	Hall Fount by 104	
51		FL	" "	

NEW ↑ ↓ Old School Bldg

8/14/25

AD31811

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Pb in Water SAMPLE CHAIN OF CUSTODY

PROJECT NAME	Universal Creighton School
PROJECT ID	C-25-062-05
COLLECTED BY	John [illegible]
TRANSMITTED BY	[illegible]

DATE	08/14/25
ANALYSIS	ICP MS [illegible]
TURNAROUND TIME	10 DAY
LABORATORY	[illegible]

Sample #	Volume	Sample Designation (FD=First Draw, FL=Flush)	Outlet Location	Note
18		FD	Room 403 Sink	
19		FL	↓ ↓	
20		FD	Room 405 Fountain	
21		FL	↓ ↓	
22		FD	Room 405 Sink	
23		FL	↓ ↓	
24		FD	Room 407 Fountain	
25		FL	↓ ↓	
26		FD	Room 407 Sink	
27		FL	↓ ↓	
28		FD	Room 408 Fountain	
29		FL	↓ ↓	
30		FD	Room 408 Sink	
31		FL	↓ ↓	
32		FD	Room 409 Fountain	
33		FL	↓ ↓	
34		FD	Room 409 Sink	

(Q) 8/14/25

AD31821

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PO BOX 8574
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contact@figenvironmentalllc.com
856-553-6162

Pb in Water SAMPLE CHAIN OF CUSTODY

PROJECT NAME	UNIVERSA CREIGHTON school
PROJECT ID	C-25-062-05
COLLECTED BY	John Jordan 830 AM - 1030 AM
TRANSMITTED BY	JPF 8/14/25

DATE	08 14 25
ANALYSIS	ICP-MS
TURNAROUND TIME	10 DAY
LABORATORY	EMSL

Sample #	Volume	Sample Designation (FD=First Draw, FL=Flush)	Outlet Location	Note
52		FD	~~BOTTLE FILL O/S 10Y~~ HALL FOUNTAIN	BOT FILL OUT OF ORDER
53		FL	HALL FOUNTAIN NEAR 109.	
54		FD	FOUNTAIN O/S 204	BOTTLE FILL OOO
55		FL	" "	
56		FD	FOUNTAIN NEAR 209.	
57		FL	" "	
58		FD	BOTTLE FILL NEAR 209.	
59		FD	FOUNTAIN O/S 304	
60		FL	" "	
61		FD	BOTTLE FILL O/S 304	
62		FD	FOUNTAIN ~~O/S~~ NEAR 309	
63		FD	BOTTLE FILL NEAR 309.	

(initials) 8/14/25