



*Effective and Economical
Environmental Solutions*

**Lead in Drinking Water Sampling
Per amendments to N.J.A.C 6A:26 Educational Facilities
Summit Board of Education
14 Beekman Terrace
Summit, NJ 07901**

Karl Environmental Group Project #: 24-0862

May 19, 2025

Prepared for:
Mr. Krystian Byk
Director of Buildings & Grounds
Summit Board of Education
14 Beekman Terrace
Summit, NJ 07901

Prepared by:
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May 19, 2025

Mr. Kristian Byk
Director of Buildings & Grounds
Summit Board of Education
14 Beekman Terrace
Summit, NJ 07901

**Re: District Wide Lead in Drinking Water Sampling
Per amendments to N.J.A.C 6A:26 Educational Facilities
Summit Board of Education
14 Beekman Terrace, Summit, NJ 07901
Karl Environmental Group Project #: 24-0862**

Dear Mr. Byk:

Thank you for selecting Karl Environmental Group ("Karl") for this project. This report details the methods and findings of the lead in drinking water services as per New Jersey state regulations (amendments to N.J.A.C 6A:26 Educational Facilities) performed within the Summit Public School District buildings (the "Facilities"), on April 16, 2025, and May 10, 2025.

1.0 PROJECT BACKGROUND

Karl Environmental was contacted by Mr. Byk of the Summit Board of Education (the "Client") to perform lead in drinking water sampling to determine the lead content of drinking water from sources throughout the Facilities.

The purpose of lead in drinking water sampling is to determine if any sampled drinking water sources exhibit lead levels exceeding the Regulatory Action Level of 15 parts per billion (ppb). Drinking water collection points included any water sources from which a student, staff, or faculty may reasonably drink or from which the water may be used for cooking or beverage preparation, including, but not limited to, water coolers/bubblers, kitchen faucets, Nurse's Office faucets, and Faculty/Staff lounges.



2.0 LEAD IN DRINKING WATER

Lead is a toxic substance that can be harmful to human health. As compared to adults, children are more susceptible to the detrimental health effects of lead, as their nervous systems are not yet fully developed. Exposure to lead can occur in a variety of ways including through food, soil, deteriorating lead-based paint, and drinking water. Lead can leach into drinking water from plumbing materials such as pipes and solder, as well as brass plumbing fixtures. For this investigation, planning, preparation, methodology, sampling, and follow-up actions were conducted according to the technical guidance provided by New Jersey following the adoption of amendments to N.J.A.C. 6A:26: Educational Facilities, requiring the sampling of drinking water for lead in schools.

3.0 DRINKING WATER SAMPLING METHODOLOGY

Karl collected drinking water samples from water outlets throughout each Facility. At each collection point, Karl Environmental filled a 250 milliliter (mL) wide-mouth high density polyethylene (HDPE) sample collection bottle from the selected water source. Samples were collected after the water in each building had not been used for at least 8 hours, but not more than 48 hours. The initial sample at each collection point represents the first draw sample. The first draw sample is representative of the water from the end point of the water source (i.e., the bubbler or tap).

A field blank using lead-free laboratory reagent water was also collected at each Facility during the sampling event to rule out contamination of samples during the collection and transportation process. All samples were recorded under proper chain of custody and couriered to iATL International, a New Jersey certified laboratory located in Mt. Laurel, New Jersey for analysis by EPA method 200.8, NJ DOE.

During the initial sampling event, Karl Environmental Group collected the following number of samples at each Facility:

Summit High School

- Twenty-eight (28) First Draw Samples
- One (1) Field Blank

Lawton C. Johnson Summit Middle School

- Twenty-one (21) First Draw Samples
- One (1) Field Blank

Jefferson Elementary School

- Nineteen (19) First Draw Samples
- Two (2) Field Blanks

Franklin School

- Eighteen (18) First Draw Samples
- One (1) Field Blanks

Brayton Elementary School

- Fifteen (15) First Draw Samples
- One (1) Field Blank

Wilson Primary Center/Administration Building

- Ten (10) First Draw Samples
- One (1) Field Blank

Washington Elementary School

- Thirteen (13) First Draw Samples
- One (1) Field Blank

Lincoln-Hubbard Elementary School

- Fourteen (14) First Draw Samples
- One (1) Field Blank



4.0 DRINKING WATER ANALYSIS RESULTS

The analytical lead in drinking water results for each first draw sample are listed in Tables 1-8, below:

Table 1: Summit High School

Sample I.D.	Type of Collection Point	Lead Concentration (ppb)	Above Regulatory Action Level?
SHS-GYM-1BF	Bottle Filler	< 1.00	No
SHS-GYM-1B	Bubbler	< 1.00	No
SHS-GYM-2BF	Bottle Filler	< 1.00	No
SHS-GYM-2B	Bubbler	< 1.00	No
SHS-IM-1FL-KITCH	Ice Machine	< 1.00	No
SHS-FP-1FL-KITCH-1	Food Prep Sink	< 1.00	No
SHS-FP-1FL-KITCH-2	Food Prep Sink	< 1.00	No
SHS-FP-1FL-KITCH-3	Sink	< 1.00	No
SHS-WC-1FL-CAFE-1	Bottle Filler	< 1.00	No
SHS-TL-1FL-TEACH	Faculty Sink	2.40	No
SHS-FP-1FL-CONF	Sink	< 1.00	No
SHS-WC-1FL-HALL113A-1	Bottle Filler	< 1.00	No
SHS-WC-1FL-HALL113A-2	Bubbler	< 1.00	No
SHS-WC-2FL-HALL215-1	Bottle Filler	< 1.00	No
SHS-WC-2FL-HALL215-2	Bubbler	< 1.00	No
SHS-FP-1FL-ROOM119-1	Food Prep Sink	< 1.00	No
SHS-FP-1FL-ROOM119-2	Food Prep Sink	< 1.00	No
SHS-FP-1FL-ROOM119-3	Food Prep Sink	< 1.00	No
SHS-FP-1FL-ROOM119-4	Food Prep Sink	< 1.00	No
SHS-FP-1FL-ROOM119-5	Food Prep Sink	< 1.00	No
SHS-WC-1FL-HALL127-1	Bottle Filler	< 1.00	No
SHS-WC-1FL-HALL127-2	Bubbler	< 1.00	No
SHS-WC-2FL-HALL230-1	Bottle Filler	< 1.00	No
SHS-WC-2FL-HALL230-2	Bubbler	< 1.00	No
SHS-WC-1FL-HALLGUIDE-1	Bottle Filler	< 1.00	No
SHS-NS-1FL-NURSE-1	Sink	7.80	No
SHS-NS-1FL-NURSE-2	Sink	< 1.00	No
SHS-IM-1FL-NURSE	Ice Machine	< 1.00	No
SHS-BLANK	Field Blank	< 1.00	No

All laboratory analytical results were compared to the Regulatory Action Level of 15 ppb for lead. Analysis of lead in the first draw drinking water samples indicated that at the time of the sampling event, all samples collected from the Summit High School were below the Regulatory Action Level.



Table 2: Lawton C. Johnson Summit Middle School

Sample I.D.	Type of Collection Point	Lead Concentration (ppb)	Above Regulatory Action Level?
NSMS-FP-1FL-KITCHEN-1	Food Prep Sink	< 1.00	No
NSMS-FP-1FL-KITCHEN-2	Food Prep Sink	2.40	No
NSMS-FP-1FL-KITCHEN-3	Food Prep Sink	<1.00	No
OSMS-WC-1FL-HALL134-1	Bottle Filler	< 1.00	No
OSMS-WC-1FL-HALL134-2	Bubbler	< 1.00	No
OSMS-WC-2FL-HALL237	Bubbler	< 1.00	No
OSMS-WC-2FL-HALL228-1	Bottle Filler	< 1.00	No
OSMS-WC-2FL-HALL228-2	Bubbler	< 1.00	No
NSMS-DW-1FL-HALL114-1	Bottle Filler	< 1.00	No
NSMS-DW-1FL-HALL114-2	Bubbler	< 1.00	No
NSMS-WC-2FL-HALL202-1	Bottle Filler	< 1.00	No
NSMS-WC-2FL-HALL202-2	Bubbler	< 1.00	No
NSMS-BOYSLOCK-1	Bottle Filler	< 1.00	No
NSMS-BOYSLOCK-2	Bubbler	< 1.00	No
NSMS-WC-1FL-HALLGYM-1	Bottle Filler	< 1.00	No
NSMS-WC-1FL-108-1	Bottle Filler	< 1.00	No
NSMS-WC-1FL-108-2	Bubbler	< 1.00	No
NSMS-MAINOFF-1	Bottle Filler	< 1.00	No
NSMS-KITCHENETTE	Sink	3.40	No
NSMS-WC-HALL150-1	Bottle Filler	< 1.00	No
NSMS-WC-HALL150-2	Bubbler	< 1.00	No
OMS-BLANK	Field Blank	< 1.00	No
NSMS-BLANK	Field Blank	< 1.00	No

All laboratory analytical results were compared to the Regulatory Action Level of 15 ppb for lead. Analysis of lead in the first draw drinking water samples indicated that at the time of the sampling event, all samples collected from the Lawton C. Johnson Summit Middle School were below the Regulatory Action Level.



Table 3: Washington Elementary School

Sample I.D.	Type of Collection Point	Lead Concentration (ppb)	Above Regulatory Action Level?
WES-WC-2FL-HALL202-1	Bottle Filler	< 1.00	No
WES-WC-2FL-HALL202-2	Bubbler	< 1.00	No
WES-WC-3FL-HALL304-1	Bottle Filler	< 1.00	No
WES-WC-3FL-HALL304-2	Bubbler	< 1.00	No
WES-WC-1FL-HALL22-1	Bottle Filler	< 1.00	No
WES-WC-1FL-HALL22-2	Bubbler	< 1.00	No
WES-WC-1FL-HALLGYM-1	Bottle Filler	< 1.00	No
WES-WC-1FL-HALLGYM-2	Bubbler	< 1.00	No
WES-WC-1FL-HALL14-1	Bottle Filler	< 1.00	No
WES-FP-1FL-KITCHEN-1	Sink	9.00	No
WES-FP-1FL-KITCHEN-2	Sink	< 1.00	No
WES-OFFICE-SK	Sink	< 1.00	No
WES-TL-1FL-ROOM-N7	Sink	< 1.00	No
WES-BLANK	Field Blank	< 1.00	No

All laboratory analytical results were compared to the Regulatory Action Level of 15 ppb for lead. Analysis of lead in the first draw drinking water samples indicated that at the time of the sampling event, all samples collected from the Washington Elementary School were below the Regulatory Action Level.

Table 4: Lincoln-Hubbard Elementary School

Sample I.D.	Type of Collection Point	Lead Concentration (ppb)	Above Regulatory Action Level?
SLH-DW-1FL-HALL19-1	Bottle Filler	< 1.00	No
SLH-DW-1FL-HALL19-2	Bubbler	< 1.00	No
SLH-WC-1FL-CAFE-1	Bottle Filler	< 1.00	No
SLH-WC-1FL-CAFE-2	Bubbler	< 1.00	No
SLH-WC-BL-HALLGYM-1	Bottle Filler	< 1.00	No
SLH-WC-BL-HALLGYM-2	Bubbler	< 1.00	No
SLH-TL-2FL-TEACH	Sink	1.40	No
SLH-WC-2FL-HALL11-1	Bottle Filler	< 1.00	No
SLH-WC-2FL-HALL11-2	Bubbler	< 1.00	No
SLH-WC-2FL-HALL7	Bubbler	< 1.00	No
SLH-FP-1FL-KITCH-1	Sink	2.70	No
SLH-FP-1FL-KITCH-2	Sink	3.40	No
SLH-FP-1FL-KITCH-3	Sink	5.00	No
SLH-NS-2FL-NURSE	Sink	6.60	No



Sample I.D.	Type of Collection Point	Lead Concentration (ppb)	Above Regulatory Action Level?
SLH-BLANK	Field Blank	< 1.00	No

All laboratory analytical results were compared to the Regulatory Action Level of 15 ppb for lead. Analysis of lead in the first draw drinking water samples indicated that at the time of the sampling event, all samples collected from the Lincoln-Hubbard Elementary School were below the Regulatory Action Level.

Table 5: Jefferson Elementary School

Sample I.D.	Type of Collection Point	Lead Concentration (ppb)	Above Regulatory Action Level?
JPC-CS-1FL-ROOM171A	Bubbler - Left	<1.00	No
JPC-CS-1FL-ROOM171B-1	Bubbler - Right	<1.00	No
JPC-CS-1FL-ROOM171B-2	Bottle Filler	<1.00	No
JES-WC-2FL-ROOM234-1	Bottle Filler	< 1.00	No
JES-WC-2FL-ROOM234-2	Bubbler	< 1.00	No
JES-TL-2FL-ROOM239-1	Sink	< 1.00	No
JES-TL-2FL-ROOM239-2	Fridge	< 1.00	No
JES-WC-1FL-CAF-1	Bottle Filler	< 1.00	No
JES-WC-1FL-CAF-2	Bubbler	< 1.00	No
JES-WC-2FL-HALL217-1	Bottle Filler	< 1.00	No
JES-WC-2FL-HALL217-2	Bubbler	< 1.00	No
JES-WC-3FL-HALL304-1	Bottle Filler	< 1.00	No
JES-WC-3FL-HALL304-2	Bubbler	< 1.00	No
JES-WC-2FL-HALL219-1	Bottle Filler	< 1.00	No
JES-WC-2FL-HALL219-2	Bubbler	< 1.00	No
JES-FP-1FL-KITCHEN-1	Sink	7.20	No
JES-FP-1FL-KITCHEN-2	Sink	5.00	No
JES-FP-1FL-KITCHEN-3	Sink	1.00	No
JES-NS-1FL-ROOM102	Sink	11.2	No
JES-BLANK	Field Blank	< 1.00	No

All laboratory analytical results were compared to the Regulatory Action Level of 15 ppb for lead. Analysis of lead in the first draw drinking water samples indicated that at the time of the sampling event, all of the samples collected from the Jefferson Elementary School were below the Regulatory Action Level.



Table 6: Brayton Elementary School

Sample I.D.	Type of Collection Point	Lead Concentration (ppb)	Above Regulatory Action Level?
BES-WC-1FL-HALL123-1	Bottle Filler	1.90	No
BES-WC-1FL-HALL123-2	Bubbler	1.50	No
BES-KC-1FL-ROOM117	Sink	1.10	No
BES-WC-1FL-HALL101-1	Bottle Filler	< 1.00	No
BES-WC-1FL-HALL101-2	Bubbler	< 1.00	No
BES-WC-2FL-HALL212-1	Bottle Filler	< 1.00	No
BES-WC-2FL-HALL212-2	Bubbler	< 1.00	No
BES-WC-1FL-HALL144-1	Bottle Filler	< 1.00	No
BES-WC-1FL-HALL144-2	Bubbler	< 1.00	No
BES-WC-BFL-CAF-1	Bottle Filler	< 1.00	No
BES-WC-BFL-CAF-2	Bubbler	< 1.00	No
BES-FP-BFL-KITCHEN-1	Sink	3.80	No
BES-FP-BFL-KITCHEN-2	Sink	2.10	No
BES-NS-1FL-ROOM-114	Sink	< 1.00	No
BES-TL-BFL-ROOM-2	Sink	1.40	No
BES-BLANK	Field Blank	< 1.00	No

All laboratory analytical results were compared to the Regulatory Action Level of 15 ppb for lead. Analysis of lead in the first draw drinking water samples indicated that at the time of the sampling event, all samples collected from the Brayton Elementary School were below the Regulatory Action Level.

Table 7: Franklin School

Sample I.D.	Type of Collection Point	Lead Concentration (ppb)	Above Regulatory Action Level?
SFS-WC-1FL-CAFE-1	Bottle Filler	< 1.00	No
SFS-WC-1FL-CAFE-2BF	Bottle Filler	< 1.00	No
SFS-WC-1FL-CAFE-2B	Bubbler	< 1.00	No
SFS-WC-2FL-HALL200-1	Bottle Filler	< 1.00	No
SFS-WC-2FL-HALL200-2	Bubbler	< 1.00	No
SFS-WC-2FL-HALL206	Bottle Filler	< 1.00	No
SFS-WC-1FL-HALL137-1	Bottle Filler	< 1.00	No
SFS-WC-1FL-HALL137-2	Bubbler	< 1.00	No
SFS-WC-1FL-HALL129	Bottle Filler	< 1.00	No
SFS-WC-1FL-4B	Bottle Filler	< 1.00	No
SFS-WC-HALLART-2	Bubbler-Left	< 1.00	No
SFS-WC-BL-HALLART-1	Bubbler-Right	< 1.00	No



Sample I.D.	Type of Collection Point	Lead Concentration (ppb)	Above Regulatory Action Level?
SFS-FP-1FL-MAIN	Sink	< 1.00	No
SFS-NS-1FL-NURSE	Sink	< 1.00	No
SFS-IM-1FL-NURSE	Sink	< 1.00	No
SFS-WC-1FL-HALL115-1	Bottle Filler	< 1.00	No
SFS-WC-1FL-HALL115-2	Bubbler	< 1.00	No
SFS-BLANK	Field Blank	< 1.00	No

The following outlet has been mandated as a hand wash only sink.

SFS-FP-1FL-KITCH-1	Sink	204	Yes
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All laboratory analytical results were compared to the Regulatory Action Level of 15 ppb for lead. Analysis of lead in the first draw drinking water samples indicated that at the time of the sampling event, **one sample collected from the Franklin Elementary School exceeded the Regulatory Action Level.**

- The one outlet over the Regulatory Action Level (SFS-FP-1FL-KITCH-1) has been mandated as a dedicated hand wash only sink and is not used for food preparation or for consumption.

Table 8: Wilson Primary Center/ Administration Building

Sample I.D.	Type of Collection Point	Lead Concentration (ppb)	Above Regulatory Action Level?
SWP-WC-HALL122-1	Bottle Filler	< 1.00	No
SWP-WC-HALL122-2	Bubbler	< 1.00	No
SWP-WC-HALL114-1	Bottle Filler	< 1.00	No
SWP-WC-HALL114-2	Bubbler	< 1.00	No
SWP-KC-BOARDKITCH	Sink	< 1.00	No
SWP-KC-ROOM152	Sink	< 1.00	No
SWP-NS-NURSE	Sink	< 1.00	No
SWP-GP-ROOM227B	Sink	< 1.00	No
SWP-CS-ROOM230	Sink	< 1.00	No
SWP-FP-ROOM136	Sink	< 1.00	No
SWP-BLANK	Field Blank	< 1.00	No

All laboratory analytical results were compared to the Regulatory Action Level of 15 ppb for lead. Analysis of lead in the first draw drinking water samples indicated that at the time of the sampling event, all samples were below the Regulatory Action Level.



5.0 CONCLUSIONS & RECOMMENDATIONS

Following the lead in drinking water sampling event conducted on April 16 and May 10th of 2025, one (1) outlet, which is denoted in orange highlight within the above tables, was above the Regulatory Action Level of 15 ppb. The outlet over the Regulatory Action Level has been taken out of service and will no longer be used for food preparation or drinking water purposes. At the conclusion of the lead in drinking water services, Karl Environmental offers the following recommendations at this time:

- The District should perform second first draw sampling of each outlet that exceeded the regulatory action level of 15 ppb to determine the source of lead.
- Continue to monitor lead in drinking water levels as part of a regular sampling and maintenance plan, as per New Jersey State regulations. Amendments will require district-wide sampling every three (3) years.
- In the interim, when drinking water outlets are replaced/added, or the plumbing is disturbed, sampling of the impacted outlets should be completed to determine if lead levels were affected.
- Implement an aerator cleaning maintenance program to prevent the build-up of debris behind the screen which may contribute to elevated lead levels.
- Enter all filter maintenance, aerator maintenance, plumbing repairs/changes and any other pertinent information into the Field Log Book for each Facility.
- Use only cold water for food and beverage preparation. Hot water is more likely to contribute to the corrosion of plumbing materials and therefore contain a greater level of contaminants from the plumbing system.

6.0 LIMITATIONS

This investigation focused on lead in drinking water only. No other heavy metals or additional contaminants were sampled for or analyzed. Lead concentrations can change as water continues to move through the water system. Each sample was a grab sample and represents lead concentrations only at the specific time of collection and may vary based on the water usage in the facility. Interpretation of these results is only valid if the facility is serviced by a municipal water supplier or water utility.

This lead sampling event was in response to the amendments to N.J.A.C. 6A:26, Educational Facilities dated July 13, 2016, which requires testing for lead in the drinking water of public and charter school districts every three (3) years.



7.0 CLOSING

Thank you for using Karl Environmental to assist you with this project. Please do not hesitate to call if you have any questions relating to this report or for any other environmental health and safety concerns.

Respectfully submitted,
Karl Environmental Group

Angela Meas

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Industrial Hygienist
Karl Environmental Group
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Email: ameas@karlenv.com



Attachment A:

Analytical Lab Results



CERTIFICATE OF ANALYSIS

Client: Karl Environmental Group
20 Lauck Road
Mohnton PA 19540

Client: KAR387

Report Date: 4/22/2025
Report No.: 712178 - Lead Water
Project: Summit SD
Project No.: 24-0862

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7836523 Location: Bottle Filler Gym 1 Result(ppb): <1.00
Client No.: SHS-GYM-1BF * Sample acidified to pH <2.

Lab No.: 7836524 Location: Bubbler Gym 1 Result(ppb): <1.00
Client No.: SHS-GYM-1B * Sample acidified to pH <2.

Lab No.: 7836525 Location: Bottle Filler Gym 2 Result(ppb): <1.00
Client No.: SHS-GYM-2BF * Sample acidified to pH <2.

Lab No.: 7836526 Location: Bubbler Gym 2 Result(ppb): <1.00
Client No.: SHS-GYM-2B * Sample acidified to pH <2.

Lab No.: 7836527 Location: Ice Machine Result(ppb): <1.00
Client No.: SHS-IM-1FL-KITCH * Sample acidified to pH <2.

Lab No.: 7836528 Location: Sink Result(ppb): <1.00
Client No.: SHS-FP-1FL-KITCH-1 * Sample acidified to pH <2.

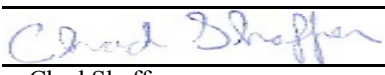
Lab No.: 7836529 Location: Sink Result(ppb): <1.00
Client No.: SHS-FP-1FL-KITCH-2 * Sample acidified to pH <2.

Lab No.: 7836530 Location: Sink Result(ppb): <1.00
Client No.: SHS-FP-1FL-KITCH-3 * Sample acidified to pH <2.

Lab No.: 7836531 Location: Bottle Filler Result(ppb): <1.00
Client No.: SHS-WC-1FL-CAFE-1 * Sample acidified to pH <2.

Lab No.: 7836532 Location: Food Prep Sik Result(ppb): 2.40
Client No.: SHS-TL-1FL-TEACH * Sample acidified to pH <2.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/16/2025
Date Analyzed: 04/21/2025
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director



CERTIFICATE OF ANALYSIS

Client: Karl Environmental Group
20 Lauck Road
Mohnton PA 19540

Client: KAR387

Report Date: 4/22/2025
Report No.: 712178 - Lead Water
Project: Summit SD
Project No.: 24-0862

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7836533 Location: Conference Result(ppb): <1.00
Client No.: SHS-FP-1FL-CONF * Sample acidified to pH <2.

Lab No.: 7836534 Location: Left Bottle Filler Result(ppb): <1.00
Client No.: SHS-WC-1FL-HALL113A-1 * Sample acidified to pH <2.

Lab No.: 7836535 Location: Right Bottle Filler Result(ppb): <1.00
Client No.: SHS-WC-1FL-HALL113A-2 * Sample acidified to pH <2.

Lab No.: 7836536 Location: Bottle Filler Result(ppb): <1.00
Client No.: SHS-WC-2FL-HALL215-1 * Sample acidified to pH <2.

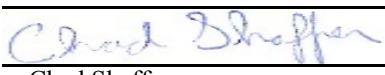
Lab No.: 7836537 Location: Bubbler Result(ppb): <1.00
Client No.: SHS-WC-2FL-HALL215-2 * Sample acidified to pH <2.

Lab No.: 7836538 Location: Sink 1 Result(ppb): <1.00
Client No.: SHS-FP-1FL-ROOM119-1 * Sample acidified to pH <2.

Lab No.: 7836539 Location: Sink 2 Result(ppb): <1.00
Client No.: SHS-FP-1FL-ROOM119-2 * Sample acidified to pH <2.

Lab No.: 7836540 Location: Sink 3 Result(ppb): <1.00
Client No.: SHS-FP-1FL-ROOM119-3 * Sample acidified to pH <2.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/16/2025
Date Analyzed: 04/21/2025
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Karl Environmental Group
20 Lauck Road
Mohnton PA 19540

Report Date: 4/22/2025
Report No.: 712178 - Lead Water
Project: Summit SD
Project No.: 24-0862

Client: KAR387

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7836541 Location: Sink 4 Result(ppb): <1.00
Client No.: SHS-FP-1FL-ROOM119-4 * Sample acidified to pH <2.

Lab No.: 7836542 Location: Sink 5 Result(ppb): <1.00
Client No.: SHS-FP-1FL-ROOM119-5 * Sample acidified to pH <2.

Lab No.: 7836543 Location: Left Result(ppb): <1.00
Client No.: SHS-WC-1FL-HALL127-1 * Sample acidified to pH <2.

Lab No.: 7836544 Location: Right Result(ppb): <1.00
Client No.: SHS-WC-1FL-HALL127-2 * Sample acidified to pH <2.

Lab No.: 7836545 Location: Bottle Filler Result(ppb): <1.00
Client No.: SHS-WC-2FL-HALL230-1 * Sample acidified to pH <2.

Lab No.: 7836546 Location: Bubblers Result(ppb): <1.00
Client No.: SHS-WC-2FL-HALL230-2 * Sample acidified to pH <2.

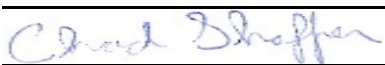
Lab No.: 7836547 Location: Bottle Filler Result(ppb): <1.00
Client No.: SHS-WC-1FL-HALLGUIDE-1 * Sample acidified to pH <2.

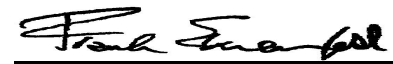
Lab No.: 7836548 Location: Blank Result(ppb): <1.00
Client No.: SHS-BLANK * Sample acidified to pH <2.

Lab No.: 7836549 Location: Bottle Filler Result(ppb): <1.00
Client No.: SWP-WC-HALL-122-1 * Sample acidified to pH <2.

Lab No.: 7836550 Location: Bubblers Result(ppb): <1.00
Client No.: SWP-WC-HALL-122-2 * Sample acidified to pH <2.

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Date Received: 4/16/2025
Date Analyzed: 04/22/2025
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Karl Environmental Group
20 Lauck Road
Mohnton PA 19540

Client: KAR387

Report Date: 4/22/2025
Report No.: 712178 - Lead Water
Project: Summit SD
Project No.: 24-0862

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7836551 Location: Bottle Filler Result(ppb): <1.00
Client No.: SWP-WC-HALL-114-1 * Sample acidified to pH <2.

Lab No.: 7836552 Location: Bubbler Result(ppb): <1.00
Client No.: SWP-WC-HALL-114-2 * Sample acidified to pH <2.

Lab No.: 7836553 Location: Field Blank Result(ppb): <1.00
Client No.: SWP-BLANK * Sample acidified to pH <2.

Lab No.: 7836554 Location: Bottle Filler Result(ppb): <1.00
Client No.: SLH-DW-1FL-HALL19-1 * Sample acidified to pH <2.

Lab No.: 7836555 Location: Bubbler Result(ppb): <1.00
Client No.: SLH-DW-1FL-HALL19-2 * Sample acidified to pH <2.

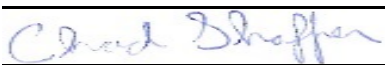
Lab No.: 7836556 Location: Bottle Filler Result(ppb): <1.00
Client No.: SLH-WC-1FL-CAFE-1 * Sample acidified to pH <2.

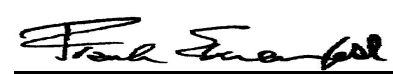
Lab No.: 7836557 Location: Bubbler Result(ppb): <1.00
Client No.: SLH-WC-1FL-CAFE-2 * Sample acidified to pH <2.

Lab No.: 7836558 Location: Bottle Filler Result(ppb): <1.00
Client No.: SLH-WC-BL-HALLGYM-1 * Sample acidified to pH <2.

Lab No.: 7836559 Location: Bubbler Result(ppb): <1.00
Client No.: SLH-WC-BL-HALLGYM-2 * Sample acidified to pH <2.

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Report Date: 4/22/2025
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Project No.: 24-0862

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7836560 Location: Sink Result(ppb): 1.40
Client No.: SLH-TL-2FL-TEACH * Sample acidified to pH <2.

Lab No.: 7836561 Location: Bottle Filler Result(ppb): <1.00
Client No.: SLH-WC-2FL-HALL11-1 * Sample acidified to pH <2.

Lab No.: 7836562 Location: Bubbler Result(ppb): <1.00
Client No.: SLH-WC-2FL-HALL11-2 * Sample acidified to pH <2.

Lab No.: 7836563 Location: Bubbler Result(ppb): <1.00
Client No.: SLH-WC-2FL-HALL7 * Sample acidified to pH <2.

Lab No.: 7836564 Location: Field Blank Result(ppb): <1.00
Client No.: SLH-BLANK * Sample acidified to pH <2.

Lab No.: 7836565 Location: Bottle Filler Result(ppb): <1.00
Client No.: SFS-WC-1FL-CAFE-1 * Sample acidified to pH <2.

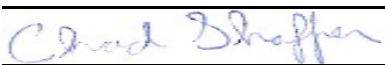
Lab No.: 7836566 Location: Bottle Filler Result(ppb): <1.00
Client No.: SFS-WC-1FL-CAFE-2BF * Sample acidified to pH <2.

Lab No.: 7836567 Location: Bubbler Result(ppb): <1.00
Client No.: SFS-WC-1FL-CAFE-2B * Sample acidified to pH <2.

Lab No.: 7836568 Location: Bottle Filler Result(ppb): <1.00
Client No.: SFS-WC-2FL-HALL200-1 * Sample acidified to pH <2.

Lab No.: 7836569 Location: Bubbler Result(ppb): <1.00
Client No.: SFS-WC-2FL-HALL200-2 * Sample acidified to pH <2.

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Built Environment Testing
iATL

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7836570 Location: Bottle Filler Result(ppb): <1.00
Client No.: SFS-WC-2FL-HALL206 * Sample acidified to pH <2.

Lab No.: 7836571 Location: Bottle Filler Result(ppb): <1.00
Client No.: SFS-WC-1FL-HALL137-1 * Sample acidified to pH <2.

Lab No.: 7836572 Location: Bubbler Result(ppb): <1.00
Client No.: SFS-WC-1FL-HALL137-2 * Sample acidified to pH <2.

Lab No.: 7836573 Location: Bottle Filler Result(ppb): <1.00
Client No.: SFS-WC-1FL-HALL129 * Sample acidified to pH <2.

Lab No.: 7836574 Location: Bottle Filler Result(ppb): <1.00
Client No.: SFS-WC-1FL-4B * Sample acidified to pH <2.

Lab No.: 7836575 Location: Left Result(ppb): <1.00
Client No.: SFS-WC-HALLART-2 * Sample acidified to pH <2.

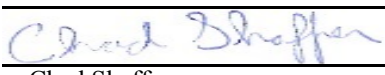
Lab No.: 7836576 Location: Right Result(ppb): <1.00
Client No.: SFS-WC-BL-HALLART-1 * Sample acidified to pH <2.

Lab No.: 7836577 Location: Field Blank Result(ppb): <1.00
Client No.: SFS-BLANK * Sample acidified to pH <2.

Lab No.: 7836578 Location: Bottle Filler Result(ppb): <1.00
Client No.: WES-WC-2FL-Hall202-1 * Sample acidified to pH <2.

Lab No.: 7836579 Location: Bubbler Result(ppb): <1.00
Client No.: WES-WC-2FL-Hall202-2 * Sample acidified to pH <2.

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7836580 Location: Bottle Filler Result(ppb): <1.00
Client No.: WES-WC-3FL-HALL304-1 * Sample acidified to pH <2.

Lab No.: 7836581 Location: Bubbler Result(ppb): <1.00
Client No.: WES-WC-3FL-HALL304-2 * Sample acidified to pH <2.

Lab No.: 7836582 Location: Bottle Filler Result(ppb): <1.00
Client No.: WES-WC-1FL-HALL22-1 * Sample acidified to pH <2.

Lab No.: 7836583 Location: Bubbler Result(ppb): <1.00
Client No.: WES-WC-1FL-HALL22-2 * Sample acidified to pH <2.

Lab No.: 7836584 Location: Bottle Filler Result(ppb): <1.00
Client No.: WES-WC-1FL-HALLGYM-1 * Sample acidified to pH <2.

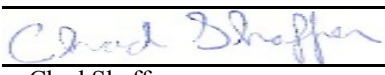
Lab No.: 7836585 Location: Bubbler Result(ppb): <1.00
Client No.: WES-WC-1FL-HALLGYM-2 * Sample acidified to pH <2.

Lab No.: 7836586 Location: Bottle Filler Result(ppb): <1.00
Client No.: WES-WC-1FL-HALL14-1 * Sample acidified to pH <2.

Lab No.: 7836587 Location: Field Blank Result(ppb): <1.00
Client No.: WES-BLANK * Sample acidified to pH <2.

Lab No.: 7836588 Location: Outside Gym Left Result(ppb): <1.00
Client No.: JPC-CS-1FL-ROOM171A * Sample acidified to pH <2.

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Built Environment Testing
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CERTIFICATE OF ANALYSIS

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20 Lauck Road
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Client: KAR387

Report Date: 4/22/2025
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7836589 Location: Outside Gym Right Bottle Filler Result(ppb): <1.00
Client No.:
JPC-CS-1FL-ROOM171B-1 * Sample acidified to pH <2.

Lab No.: 7836590 Location: Bubbler Result(ppb): <1.00
Client No.:
JPC-CS-1FL-ROOM171B-2 * Sample acidified to pH <2.

Lab No.: 7836591 Location: Bottle Filler Result(ppb): <1.00
Client No.: JES-WC-2FL-ROOM234-1 * Sample acidified to pH <2.

Lab No.: 7836592 Location: Bubbler Result(ppb): <1.00
Client No.: JES-WC-2FL-ROOM234-2 * Sample acidified to pH <2.

Lab No.: 7836593 Location: Sink Result(ppb): <1.00
Client No.: JES-TL-2FL-ROOM239-1 * Sample acidified to pH <2.

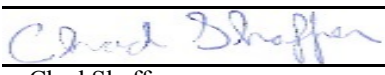
Lab No.: 7836594 Location: Fridge Water Result(ppb): <1.00
Client No.: JES-TL-2FL-ROOM239-2 * Sample acidified to pH <2.

Lab No.: 7836595 Location: Fridge Ice Result(ppb): <1.00
Client No.: JES-WC-1FL-CAF-1 * Sample acidified to pH <2.

Lab No.: 7836596 Location: Bottle Filler Result(ppb): <1.00
Client No.: JES-WC-1FL-CAF-2 * Sample acidified to pH <2.

Lab No.: 7836597 Location: Bubbler Result(ppb): <1.00
Client No.: JES-WC-2FL-HALL217-1 * Sample acidified to pH <2.

Please refer to the Appendix of this report for further information regarding your analysis.

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Laboratory Director



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Client: Karl Environmental Group
20 Lauck Road
Mohnton PA 19540

Client: KAR387

Report Date: 4/22/2025
Report No.: 712178 - Lead Water
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7836598 Location: Bottle Filler Result(ppb): <1.00
Client No.: JES-WC-2FL-HALL217-2 * Sample acidified to pH <2.

Lab No.: 7836599 Location: Bubbler Result(ppb): <1.00
Client No.: JES-WC-3FL-HALL304-1 * Sample acidified to pH <2.

Lab No.: 7836600 Location: Bottle Filler Result(ppb): <1.00
Client No.: JES-WC-3FL-HALL304-2 * Sample acidified to pH <2.

Lab No.: 7836601 Location: Left Result(ppb): <1.00
Client No.: JES-WC-2FL-HALL219-1 * Sample acidified to pH <2.

Lab No.: 7836602 Location: Right Result(ppb): <1.00
Client No.: JES-WC-2FL-HALL219-2 * Sample acidified to pH <2.

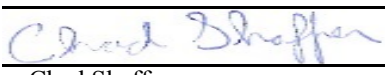
Lab No.: 7836603 Location: Blank Result(ppb): <1.00
Client No.: JES-BLANK * Sample acidified to pH <2.

Lab No.: 7836604 Location: Prep Sink By Freezers Result(ppb): <1.00
Client No.: NSMS-FP-1FL-KITCHEN-1 * Sample acidified to pH <2.

Lab No.: 7836605 Location: Prep Sink Middle Result(ppb): 2.40
Client No.: NSMS-FP-1FL-KITCHEN-2 * Sample acidified to pH <2.

Lab No.: 7836606 Location: Prep Sink Result(ppb): <1.00
Client No.: NSMS-FP-1FL-KITCHEN-3 * Sample acidified to pH <2.

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Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Karl Environmental Group
20 Lauck Road
Mohnton PA 19540

Report Date: 4/22/2025
Report No.: 712178 - Lead Water
Project: Summit SD
Project No.: 24-0862

Client: KAR387

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7836607 Location: Bottle Filler Result(ppb): <1.00
Client No.: * Sample acidified to pH <2.
OSMS-WC-1FL-HALL134-1

Lab No.: 7836608 Location: Bubbler Result(ppb): <1.00
Client No.: * Sample acidified to pH <2.
OSMS-WC-1FL-HALL134-2

Lab No.: 7836609 Location: Bubbler Result(ppb): 11.6
Client No.: OSMS-WC-2FL-HALL237 * Sample acidified to pH <2.

Lab No.: 7836610 Location: Bottle Filler Result(ppb): 8.60
Client No.: * Sample acidified to pH <2.
OSMS-WC-2FL-HALL228-1

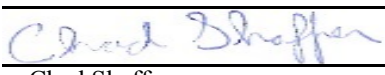
Lab No.: 7836611 Location: Bubbler Result(ppb): 8.60
Client No.: * Sample acidified to pH <2.
OSMS-WC-2FL-HALL228-2

Lab No.: 7836612 Location: Left Result(ppb): <1.00
Client No.: * Sample acidified to pH <2.
NSMS-DW-2FL-HALL214-1

Lab No.: 7836613 Location: Right Result(ppb): <1.00
Client No.: * Sample acidified to pH <2.
NSMS-DW-2FL-HALL214-2

Lab No.: 7836614 Location: Bottle Filler Result(ppb): <1.00
Client No.: * Sample acidified to pH <2.
NSMS-WC-2FL-HALL202-1

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20 Lauck Road
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Project No.: 24-0862

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7836615 Location: Bubbler Result(ppb): <1.00
Client No.: * Sample acidified to pH <2.
NSMS-WC-2FL-HALL202-2

Lab No.: 7836616 Location: Boys Locker Bottle Filler Result(ppb): <1.00
Client No.: NSMS-BOYSLOCK-1 * Sample acidified to pH <2.

Lab No.: 7836617 Location: Boys Locker Bubbler Result(ppb): <1.00
Client No.: NSMS-BOYSLOCK-2 * Sample acidified to pH <2.

Lab No.: 7836618 Location: Bottle Filler Result(ppb): <1.00
Client No.: * Sample acidified to pH <2.
NSMS-WC-1FL-HALLGYM-1

Lab No.: 7836619 Location: Bottle Filler Result(ppb): <1.00
Client No.: NSMS-WC-1FL-108-1 * Sample acidified to pH <2.

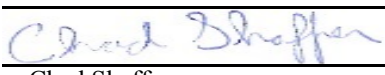
Lab No.: 7836620 Location: Bubbler Result(ppb): <1.00
Client No.: NSMS-WC-1FL-108-2 * Sample acidified to pH <2.

Lab No.: 7836621 Location: Bottle Filler Result(ppb): <1.00
Client No.: NSMS-MAINOFF-1 * Sample acidified to pH <2.

Lab No.: 7836622 Location: Sink Result(ppb): 3.40
Client No.: NSMS-KITCHENETTE * Sample acidified to pH <2.

Lab No.: 7836623 Location: Field Blank Result(ppb): <1.00
Client No.: NSMS-BLANK * Sample acidified to pH <2.

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7836624	Location: Field Blank	Result(ppb): Sample Not Received
Client No.: OMS-BLANK	* Sample acidified to pH <2.	

Lab No.: 7836625	Location: Bottle Filler	Result(ppb): 1.90
Client No.: BES-WC-1FL-HALL123-1	* Sample acidified to pH <2.	

Lab No.: 7836626	Location: Bubbler	Result(ppb): 1.50
Client No.: BES-WC-1FL-HALL123-2	* Sample acidified to pH <2.	

Lab No.: 7836627	Location: Sink	Result(ppb): 1.10
Client No.: BES-KC-1FL-Room117	* Sample acidified to pH <2.	

Lab No.: 7836628	Location: Bottle Filler	Result(ppb): <1.00
Client No.: BES-WC-1FL-HALL101-1	* Sample acidified to pH <2.	

Lab No.: 7836629	Location: Bubbler	Result(ppb): <1.00
Client No.: BES-WC-1FL-HALL101-2	* Sample acidified to pH <2.	

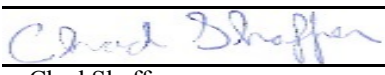
Lab No.: 7836630	Location: Bottle Filler	Result(ppb): <1.00
Client No.: BES-WC-2FL-HALL212-1	* Sample acidified to pH <2.	

Lab No.: 7836631	Location: Bubbler	Result(ppb): <1.00
Client No.: BES-WC-2FL-HALL212-2	* Sample acidified to pH <2.	

Lab No.: 7836632	Location: Bottle Filler	Result(ppb): <1.00
Client No.: BES-WC-1FL-HALL144-1	* Sample acidified to pH <2.	

Lab No.: 7836633	Location: Bubbler	Result(ppb): <1.00
Client No.: BES-WC-1FL-HALL144-2	* Sample acidified to pH <2.	

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Project No.: 24-0862

Client: KAR387

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7836634

Location:Bottle Filler

Result(ppb):<1.00

Client No.:BES-WC-BFL-CAF-1

* Sample acidified to pH <2.

Lab No.:7836635

Location:Bubbler

Result(ppb):<1.00

Client No.:BES-WC-BFL-CAF-2

* Sample acidified to pH <2.

Lab No.:7836636

Location:Field Blank

Result(ppb):<1.00

Client No.:BES-BLANK

* Sample acidified to pH <2.

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Date Received: 4/16/2025

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Project No.: 24-0862

Appendix to Analytical Report:

Customer Contact: Mike Karl
Analysis: AAS-GF - ASTM D3559-15D

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: ?wchampion@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Water
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

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Information Pertinent to this Report:

Analysis by AAS Graphite Furnace:

- ASTM D3559-15D

Certification:

- NYS-DOH No. 11021

- NJDEP No. 03863

Note: These methods are analytically equivalent to iATL's accredited method;

- USEPA 40CFR 141.11B

- USEPA 200.9 Pb, AAS-GF, RL <2 ppb/sample

- USEPA SW 846-7421 - Pb(AAS-GF, RL <2 ppb/sample)

Regulatory limit for lead in drinking water is 15.0 parts per billion as cited in EPA 40 CFR 141.11 National Primary Drinking Water Regulations, Subpart B: Maximum contaminant levels for inorganic chemicals.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Sample results are not corrected for contamination by field or analytical blanks.

PPB = Parts per billion. 1 µg/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 1.0 PPB

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Report No.: 712178 - Lead Water
Project: Summit SD
Project No.: 24-0862

Client: KAR387

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

Matrix spiking is performed on each client batch to determine if interferences could impact results. When spike recoveries fall out of acceptable range matrix interference is suspected and samples are diluted until acceptable spike recovery can be achieved. Reporting limits will increase by the same degree as the dilution required.

Note: Sample dilution required due to matrix interference.

Water Sample Turbidity greater than 1.0 NTU does not meet Federal and NJ State Primary & Secondary Drinking Water Standards.

* ASTM D3559 (D) calls for the addition of acid at the time of sampling. Unless so noted on the chain of custody by the client iATL acidifies samples to a pH of <2 at least 24 hours prior to analysis.



Chain of Custody

— Environmental Lead —

Contact Information

Client Company: Karl Environmental
Office Address: 20 Lack Rd
City, State, Zip: Mohnton, PA
Fax Number: 610-866-5040
Email Address: AMEAS@KarlEnvironmental.com

Project Number: 24-0862
Project Name: Summit SD
Primary Contact: ANGELA MEAS
Office Phone: 800-527-5581
Cell Phone: 484-345-9846

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☐ Paint by AAS: ASTM D3335-85a, 2009
☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
☐ Air by AAS: NIOSH 7082, 1994
☐ Soil by AAS: EPA SW 846 (Soil)
☒ Water by AAS-GF: ASTM D3559-03D, US EPA 200.9
☐ Other Metals (Cd, Zn, Cr) by AAS
☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: US EPA 1311
☐ Other _____

Special Instructions:

2008

Turnaround Time

Preliminary Results Requested Date: _____

☐ Verbal ☐ Email ☐ Fax

☐ 10 Day ☐ 5 Day ☒ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Karl Environmental Date: 4/16/05 Time: _____
Received (Name / iATL): _____ Date: _____ Time: _____
Sample Login (Name / iATL): _____ Date: _____ Time: _____
Analysis (Name(s) / iATL): _____ Date: _____ Time: _____
QA/QC Review (Name / iATL): _____ Date: _____ Time: _____
Archived / Released: _____ QA/QC InterLAB Use: _____ Date: _____ Time: _____

Sample Log

—Environmental Lead—

Client: Karl Environmental Project: Summit High School

Sampling Date/Time: 4/18/23

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results ()
SHS-GYM- LBF	7836523	Bottle filler Gym 1				250 mL	
SHS-GYM- LB	7836524	Bubbler Gym 1					
SHS-GYM- 2BF	7836525	Bottle filler Gym 2					
SHS-GYM- 2B	7836526	Bubbler Gym 2					
SHS-IM- IFL-KITCH	7836527	Ice machine					
SHS-FR-IFL- KITCH-1	7836528	SHK					
SHS-FR-IFL- KITCH-2	7836529	SHK					
SHS-FR-IFL- KITCH-3	7836530	SHK					
SHS-WC-IFL- CAFE-1	7836531	Bottle filler					
SHS-WC-IFL- CAFE-2	Not in Service	Bubbler					
SHS-TL-IFL- TEACH	7836532	Food prep SHK					
SHS-FR-IFL- CONF	7836533	Conference					
SHS-WC-IFL- HALL 13A-1	7836534	left Bottle filler					
SHS-WC-IFL- HALL 13A-2	7836535	right Bottle filler					
SHS-WC-2FL- HALL 215-1	7836536	Bottle filler					

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

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FB = Method Requires the subtraction of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

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Sample Log

—Environmental Lead—

Client: Karl Environmental Project: Summit High School

Sampling Date/Time: 4/13/23

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results ()
SHS-WC-2FL- HALL 215-2	7836537	Bulldozer				250 mL	
SHS-FP-1FL- Room 119-1	7836538	~~SHS-FP-1FL- Room 119-1~~ SHK1					
SHS-FP-1FL- Room 119-2	7836539	~~SHS-FP-1FL- Room 119-2~~ SHK2					
SHS-FP-1FL- Room 119-3	7836540	SHK3					
SHS-FP-1FL- Room 119-4	7836541	SHK4					
SHS-FP-1FL- Room 119-5	7836542	SHK5					
SHS-IM-1FL- Room 119	Removed	ice machine					
SHS-WC-1FL- HALL 127-1	7836543	left					
SHS-WC-1FL- HALL 127-2	7836544	right					
SHS-WC-2FL- HALL 230-1	7836545	Bottle filler					
SHS-WC-2FL- HALL 230-2	7836546	Bulldozer					
SHS-WC-1FL- HALL GUIDE-1	7836547	Bottle filler					
SHS-Blank	7836548	field blank					

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Sample Log

—Environmental Lead —

Client: Karl Environmental Project: Summit Wilson BOE

Sampling Date/Time: 4/15/25

[illegible]

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Sample Log

—Environmental Lead—

Client: Karl Environmental Project: Summit Lincoln - Hubbard

Sampling Date/Time: 4/15/25

Client Sample #	IATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results ()
SLH-DW-1FL HALL 19-1	7836554	Bottle filler				250ml	
SLH-DW-1FL HALL 19-2	7836555	Bubbler					
SLH-WC-1FL CAPE-1	7836556	Bottle filler					
SLH-WC-1FL CAPE-2	7836557	Bubbler					
SLH-WC-BL HALL 6YM-1	7836558	Bottle filler					
SLH-WC-BL HALL 6YM-2	7836559	Bubbler					
SLH-TL-2FL TEACH	7836560	Sink					
SLH-WC-2FL HALL 11-1	7836561	Bottle filler					
SLH-WC-2FL HALL 11-2	7836562	Bubbler					
SLH-DW-2FL HALL 7	7836563	Bubbler					
SLH-BLANK	7836564	field blank					

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Sample Log

—Environmental Lead—

Client: Karl Environmental Project: Summit Franklin

Sampling Date/Time: 4/13/25

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results ()
SFS-WC-1FL- CAFE-1	7836565	Bottle filler				250mL	
SFS-WC-1FL- CAFE-2BF	7836566	Bottle filler					
SFS-WC-1FL- CAFE-2B	7836567	Bubbler					
SFS-WC-2FL- HALL 200-1	7836568	Bottle filler					
SFS-WC-2FL- HALL 200-2	7836569	Bubbler					
SFS-WC-2FL- HALL 200	7836570	Bottle filler					
SFS-WC-1FL- HALL 137-1	7836571	Bottle filler					
SFS-WC-1FL- HALL 137-2	7836572	Bubbler					
SFS-WC-1FL- HALL 129	7836573	Bottle filler					
SFS-WC-1FL- LIB	7836574	Bottle filler					
SFS-WC-BL- HALLART-2	7836575	left					
SFS-WC-BL- HALLART-1	7836576	right					
SFS-BLANK	7836577	field blank					

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Sample Log

—Environmental Lead—

Client: Karl Environmental Project: Summit Washington

Sampling Date/Time: 4/15/25

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft) Volume (L)	Results ()
WES-WC-2FL- HALL 202-1	7836578	Bottle filler				250 ml	
WES-WC-2FL- HALL 202-2	7836579	Bottle filler					
WES-WC-3FL- HALL 304-1	7836580	Bottle filler					
WES-WC-3FL- HALL 304-2	7836581	Bottle filler					
WES-WC-1FL- HALL 22-1	7836582	Bottle filler					
WES-WC-1FL- HALL 22-2	7836583	Bottle filler					
WES-WC-1FL- HALL 6YM-1	7836584	Bottle filler					
WES-WC-1FL- HALL 6YM-2	7836585	Bottle filler					
WES-WC-1FL- HALL 14-1	7836586	Bottle filler					
WES-BLANK	7836587	field blank					

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Sample Log

— Environmental Lead —

Client: Karl Environmental Project: Summit Jefferson

Sampling Date/Time: 4/15/25

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results ()
JPC-CS-1FL- Room 171A	7836588	outside gym left				250ml	
JPC-CS-1FL- Room 171B-1	7836589	outside gym right - Bottle filler					
JPC-CS-1FL- Room 171B-2	7836590	Bubbler					
JES-WC-2FL- Room 234-1	7836591	Bottle filler					
JES-WC-2FL- Room 234-2	7836592	Bubbler					
JES-TL-2FL- Room 239-1	7836593	Sink					
JES-TL-2FL- Room 239-2	7836594	Fridge water					
JES-TL-2FL- Room 239-3	Not in Service	Fridge ice					
JES-WC-1FL- CAF-1	7836595	Bottle filler					
JES-WC-1FL- CAF-2	7836596	Bubbler					
JES-WC-2FL- HALL 217-1	7836597	Bottle filler					
JES-WC-2FL- HALL 217-2	7836598	Bubbler					
JES-WC-3FL- HALL 304-1	7836599	Bottle filler					
JES-WC-3FL- HALL 304-2	7836600	Bubbler					
JES-WC-2FL- HALL 217-1	7836601	left					

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Sample Log

—Environmental Lead—

Client: Karl Environmental Project: Summit Jefferson

Sampling Date/Time: 4/15/25

[illegible]

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Sample Log

—Environmental Lead—

Client: East Environmental Project: Summit Middle

Sampling Date/Time: 4/16/25

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results ()
NSMS-PP-1FL- KITCHEN-1	7836604	Prep sink by freezers				250 mL	
NSMS-PP-1FL- KITCHEN-2	7836605	Prep sink middle					
NSMS-PP-1FL- KITCHEN-3	7836606	Prep sink					
NSMS-WC- HALL 150-1	Turned off	Bottle filler					
NSMS-WC- HALL 150-2	Turned off	Bubbler					
OSMS-WC-1FL- HALL 134-1	7836607	Bottle filler					
OSMS-WC-1FL- HALL 134-2	7836608	Bubbler					
OSMS-WC-2FL- HALL 237	7836609	Bubbler					
OSMS-WC-2FL- HALL 228-1	7836610	Bottle filler					
OSMS-WC-2FL- HALL 228-2	7836611	Bubbler					
NSMS-DW-2FL- HALL 214-1	7836612	left					
NSMS-DW-2FL- HALL 214-2	7836613	right					
NSMS-WC-2FL- HALL 202-1	7836614	Bottle filler					
NSMS-WC-2FL- HALL 202-2	7836615	Bubbler					
NSMS-BDVS LOCK-1	7836616	Boys Locker Bottle Filler					

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Sample Log

—Environmental Lead—

Client: Karl Environmental Project: Summit Middle

Sampling Date/Time: 4/15/25

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results ()
NSMS-BOYS LOCK-2	7836617	Boys Locker Bubble				250 mL	
NSMS-WC-IFL-Net in HALLGYM-2	7836618	Bubble				1	
NSMS-WC-IFL- HALLGYM-1	7836618	Bottle filler					
NSMS-WC-IFL- 108-1	7836619	Bottle filler					
NSMS-WC-IFL- 108-2	7836620	Bubble					
NSMS-Train off-1	7836621	Bottle filler					
NSMS- Kitchenette	7836622	Sink					
NSMS-BLANK	7836623	field blank					
X OSMS-BLANK	7836624	field blank					
	iATL 7836624	X Sample not real					

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Sample Log

—Environmental Lead—

Client: Karl Environmental Project: Summit Brayton

Sampling Date/Time: 4/15/25

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results ()
BES-WC-1FL- HALL 123-1	7836625	Bottle filler				250 mL	
BES-WC-1FL- HALL 123-2	7836626	Bubbler				↓	
BES-WC-1FL- Room 117	7836627	Sink					
BES-WC-1FL- HALL 101-1	7836628	Bottle filler					
BES-WC-1FL- HALL 101-2	7836629	Bubbler					
BES-WC-2FL- HALL 212-1	7836630	Bottle filler					
BES-WC-2FL- HALL 212-2	7836631	Bubbler					
BES-WC-1FL- HALL 144-1	7836632	Bottle filler					
BES-WC-1FL- HALL 144-2	7836633	Bubbler					
BES-WC-BFL- CAF-1	7836634	Bottle filler					
BES-WC-BFL- CAF-2	7836635	Bubbler					
BES-Blank	7836636	Field blank					

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CERTIFICATE OF ANALYSIS

Client: Karl Environmental Group
20 Lauck Road
Mohnton PA 19540

Client: KAR387

Report Date: 5/15/2025
Report No.: 713207 - Lead Water
Project: Summit Public School District
Project No.: 24-0862

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7843506 Location: Sink Result(ppb): <1.00
Client No.: SFS-FP-1FL-MAIN * Sample acidified to pH <2.

Lab No.: 7843507 Location: Sink Result(ppb): <1.00
Client No.: SFS-NS-1FL-NURSE * Sample acidified to pH <2.

Lab No.: 7843508 Location: Ice Machine Result(ppb): <1.00
Client No.: SFS-IM-1FL-NURSE * Sample acidified to pH <2.

Lab No.: 7843509 Location: BF Result(ppb): <1.00
Client No.: SFS-WC-1FL-HALL115-1 * Sample acidified to pH <2.

Lab No.: 7843510 Location: FB Result(ppb): <1.00
Client No.: SFS-WC-1FL-HALL115-2 * Sample acidified to pH <2.

Lab No.: 7843511 Location: Sink Result(ppb): 204
Client No.: SFS-FP-1FL-KITCH-1 * Sample acidified to pH <2.

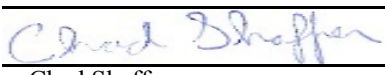
Lab No.: 7843512 Location: Sink Result(ppb): 7.80
Client No.: SHS-NS-1FL-NURSE-1 * Sample acidified to pH <2.

Lab No.: 7843513 Location: Sink Result(ppb): <1.00
Client No.: SHS-NS-1FL-NURSE-2 * Sample acidified to pH <2.

Lab No.: 7843514 Location: Ice Machine Result(ppb): <1.00
Client No.: SHS-IM-1FL-NURSE * Sample acidified to pH <2.

Lab No.: 7843515 Location: Sink Left Result(ppb): 2.70
Client No.: SLH-FP-1FL-KITCH-1 * Sample acidified to pH <2.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 5/12/2025
Date Analyzed: 05/15/2025
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Karl Environmental Group
20 Lauck Road
Mohnton PA 19540

Client: KAR387

Report Date: 5/15/2025
Report No.: 713207 - Lead Water
Project: Summit Public School District
Project No.: 24-0862

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7843516 Location: Sink Middle Result(ppb): 3.40
Client No.: SLH-FP-1FL-KITCH-2 * Sample acidified to pH <2.

Lab No.: 7843517 Location: Sink Right Result(ppb): 5.00
Client No.: SLH-FP-1FL-KITCH-3 * Sample acidified to pH <2.

Lab No.: 7843518 Location: Sink Result(ppb): 6.60
Client No.: SLH-NS-2FL-NURSE * Sample acidified to pH <2.

Lab No.: 7843519 Location: Sink Left Result(ppb): 7.20
Client No.: JES-FP-1FL-KITCHEN-1 * Sample acidified to pH <2.

Lab No.: 7843520 Location: Sink Right Result(ppb): 5.00
Client No.: JES-FP-1FL-KITCHEN-2 * Sample acidified to pH <2.

Lab No.: 7843521 Location: Sink Result(ppb): 1.00
Client No.: JES-FP-1FL-KITCHEN-3 * Sample acidified to pH <2.

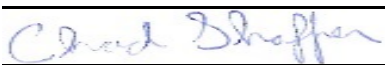
Lab No.: 7843522 Location: Sink Result(ppb): 11.2
Client No.: JES-NS-1FL-ROOM102 * Sample acidified to pH <2.

Lab No.: 7843523 Location: Sink Left Result(ppb): 3.80
Client No.: BES-FP-BFL-KITCHEN-1 * Sample acidified to pH <2.

Lab No.: 7843524 Location: Sink Right Result(ppb): 2.10
Client No.: BES-FP-BFL-KITCHEN-2 * Sample acidified to pH <2.

Lab No.: 7843525 Location: Sink Result(ppb): <1.00
Client No.: BES-NS-1FL-ROOM-114 * Sample acidified to pH <2.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 5/12/2025
Date Analyzed: 05/15/2025
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Karl Environmental Group
20 Lauck Road
Mohnton PA 19540

Client: KAR387

Report Date: 5/15/2025
Report No.: 713207 - Lead Water
Project: Summit Public School District
Project No.: 24-0862

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7843526 Location: Sink Result(ppb): 1.40
Client No.: BES-TL-BFL-ROOM-2 * Sample acidified to pH <2.

Lab No.: 7843527 Location: BF Result(ppb): <1.00
Client No.: NSMS-WC-HALL150-1 * Sample acidified to pH <2.

Lab No.: 7843528 Location: FB Result(ppb): <1.00
Client No.: NSMS-WC-HALL150-2 * Sample acidified to pH <2.

Lab No.: 7843529 Location: Left Sink Result(ppb): 9.00
Client No.: WES-FP-1FL-KITCHEN-1 * Sample acidified to pH <2.

Lab No.: 7843530 Location: Right Sink Result(ppb): <1.00
Client No.: WES-FP-1FL-KITCHEN-2 * Sample acidified to pH <2.

Lab No.: 7843531 Location: Sink Result(ppb): <1.00
Client No.: WES-OFFICE-SK * Sample acidified to pH <2.

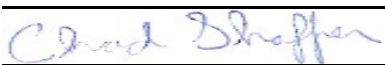
Lab No.: 7843532 Location: Sink Result(ppb): <1.00
Client No.: WES-TL-1FL-ROOM-N7 * Sample acidified to pH <2.

Lab No.: 7843533 Location: Office Sink Result(ppb): <1.00
Client No.: SWP-KC-BOARDKITCH * Sample acidified to pH <2.

Lab No.: 7843534 Location: Sink Result(ppb): <1.00
Client No.: SWP-KC-ROOM152 * Sample acidified to pH <2.

Lab No.: 7843535 Location: Sink Result(ppb): <1.00
Client No.: SWP-NS-NURSE * Sample acidified to pH <2.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 5/12/2025
Date Analyzed: 05/15/2025
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director



CERTIFICATE OF ANALYSIS

Client: Karl Environmental Group
20 Lauck Road
Mohnton PA 19540

Client: KAR387

Report Date: 5/15/2025
Report No.: 713207 - Lead Water
Project: Summit Public School District
Project No.: 24-0862

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7843536

Client No.: SWP-GP-ROOM227B

Location: Sink

* Sample acidified to pH <2.

Result(ppb): <1.00

Lab No.: 7843537

Client No.: SWP-CS-ROOM230

Location: Sink

* Sample acidified to pH <2.

Result(ppb): <1.00

Lab No.: 7843538

Client No.: SWP-FP-ROOM136

Location: Sink

* Sample acidified to pH <2.

Result(ppb): <1.00

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 5/12/2025

Date Analyzed: 05/15/2025

Signature:

Analyst: Chad Shaffer

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Karl Environmental Group
20 Lauck Road
Mohnton PA 19540

Client: KAR387

Report Date: 5/15/2025
Report No.: 713207 - Lead Water
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Project No.: 24-0862

Appendix to Analytical Report:

Customer Contact: Mike Karl
Analysis: AAS-GF - ASTM D3559-15D

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: ?wchampion@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Water
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by AAS Graphite Furnace:

- ASTM D3559-15D

Certification:

- NYS-DOH No. 11021

- NJDEP No. 03863

Note: These methods are analytically equivalent to iATL's accredited method;

- USEPA 40CFR 141.11B

- USEPA 200.9 Pb, AAS-GF, RL <2 ppb/sample

- USEPA SW 846-7421 - Pb(AAS-GF, RL <2 ppb/sample)

Regulatory limit for lead in drinking water is 15.0 parts per billion as cited in EPA 40 CFR 141.11 National Primary Drinking Water Regulations, Subpart B: Maximum contaminant levels for inorganic chemicals.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Sample results are not corrected for contamination by field or analytical blanks.

PPB = Parts per billion. 1 µg/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 1.0 PPB

CERTIFICATE OF ANALYSIS

Client: Karl Environmental Group
20 Lauck Road
Mohnton PA 19540

Client: KAR387

Report Date: 5/15/2025
Report No.: 713207 - Lead Water
Project: Summit Public School District
Project No.: 24-0862

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

Matrix spiking is performed on each client batch to determine if interferences could impact results. When spike recoveries fall out of acceptable range matrix interference is suspected and samples are diluted until acceptable spike recovery can be achieved. Reporting limits will increase by the same degree as the dilution required.

Note: Sample dilution required due to matrix interference.

Water Sample Turbidity greater than 1.0 NTU does not meet Federal and NJ State Primary & Secondary Drinking Water Standards.

* ASTM D3559 (D) calls for the addition of acid at the time of sampling. Unless so noted on the chain of custody by the client iATL acidifies samples to a pH of <2 at least 24 hours prior to analysis.



Chain of Custody

- Environmental Lead -

Contact Information

Client Company: Karl Environmental Group Project Number: 24-0862
Office Address: 20 Lauck Road Project Name: Summit Public School District
City, State, Zip: Mohnton, PA Primary Contact: Barry M. Hunsberger
Fax Number: 610-856-5040 Office Phone: 610-856-7700
Email Address: bhunsberger@karlenul.com Cell Phone: 484-269-7870

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☐ Paint by AAS: ASTM D3335-85a, 2009
☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
☐ Air by AAS: NIOSH 7082, 1994
☐ Soil by AAS: EPA SW 846 (Soil)
☒ Water by AAS-GF: ASTM D3559-03D, US EPA 200.9
☐ Other Metals (Cd, Zn, Cr) by AAS
☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: US EPA 1311
☐ Other _____

Special Instructions:

200.8

Turnaround Time

Preliminary Results Requested Date: _____

☐ Verbal ☐ Email ☐ Fax

☐ 10 Day ☐ 5 Day ☒ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Karl Environmental Group Date: 5/12/25 Time: _____
Received (Name / iATL): _____ Date: _____ Time: _____
Sample Login (Name / iATL): _____ Date: _____ Time: _____
Analysis (Name(s) / iATL): _____ Date: _____ Time: MAY 12 2025
QA/QC Review (Name / iATL): _____ Date: _____ Time: _____
Archived / Released: _____ QA/QC InterLAB Use: _____ Date: _____ Time: _____

Sample Log

—Environmental Lead—

Client: Karl Environmental

Project: 24-0862

Sampling Date/Time: 5/10/2025

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results ()
SFS-FP-IFL-MAIN	7843506	Sink				250ml	
SFS-NS-IFL-NURSE	7843507	Sink				250ml	
SFS-IM-IFL-NURSE	7843508	Ice Machine				250ml	
SFS-WC-IFL-HALLIS-1	7843509	BF				250ml	
SFS-WC-IFL-HALLIS-2	7843510	FB				250ml	
SFS-FP-IFL-KITCH	7843511	Sink				250ml	
SHS-NS-IFL-NURSE-1	7843512	Sink				250ml	
SHS-NS-IFL-NURSE-2	7843513	Sink				250ml	
SHS-IM-IFL-NURSE	7843514	Ice Machine				250ml	
SLH-FP-IFL-KITCH-1	7843515	Sink Left				250ml	
SLH-FP-IFL-KITCH-2	7843516	Sink Middle				250ml	
SLH-FP-IFL-KITCH-3	7843517	Sink Right				250ml	
SLH-NS-2FL-NURSE	7843518	Sink				250ml	

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible

FB = Meshed Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

These preliminary results are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

Sample Log

—Environmental Lead—

Client: Karl Environmental

Project: 24-0862

Sampling Date/Time: 5/10/25

Summit

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results ()
JES-FP-IFL-KITCHEN-1	7843519	Sink Left				250mL	
JES-FP-TL-KITCHEN-2	7843520	Sink Right				250mL	
JES-FP-IFL-KITCHEN-3	7843521	Sink				250mL	
JES-NS-IFL-ROOM-102	7843522	Sink				250mL	
BES-FP-BFL-KITCHEN-1	7843523	Sink Left				250mL	
BES-FP-BFL-KITCHEN-2	7843524	Sink Right				250mL	
BES-NS-IFL-ROOM-119	7843525	Sink				250mL	
BES-TL-BFL-ROOM-2	7843526	Sink				250mL	
SMS-WC-HALL-150-1	7843527	BF				250mL	
SMS-WC-HALL-150-2	7843528	FB				250mL	
JES-FP-IFL-KITCHEN-1	7843529	Left Sink				250mL	
JES-FP-IFL-KITCHEN-2	7843530	Right Sink				250mL	
JES-OFFICE-SK	7843531	Sink				250mL	
NES-TL-IFL-ROOM-117	7843532	Sink				250mL	

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible

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