August 29, 2024

Mr. Clark Mathes
Voorhees Township Public Schools
329 Route 73
Voorhees, New Jersey 08043

RE: Lead in Drinking Water Sampling
Osage Elementary School
112 Somerdale Road
IEC Project # 2024.184.4

Dear Mr. Mathes:

Indoor Environmental Concepts, LLC (IEC) was retained by Voorhees Township Public Schools to perform testing of the drinking water outlets servicing 112 Somerdale Road for the presence of lead (Pb). The lead in water testing was performed pursuant to the regulations and guidance documents from the New Jersey Safe Drinking Water Act (NJAC 6 7:10-1 et seq.) having principal responsibility to administer the programs and activities of the Federal Safe Drinking Water Act (40 CFR 141, 142 & 143) and the United States Environmental Protection Agency (EPA) protocols as recommended in their publication 3Ts for Reducing Lead in Drinking Water in Schools, Revised Technical Guidance. The EPA developed the 3Ts for Reducing Lead in Drinking Water in Schools, Revised Technical Guidance.

Background

Federal studies indicate that children under the age of six are at the highest risk for harmful lead exposure, and children can be exposed to lead from a variety of sources, including drinking water, paint, soil and even some consumer products. Lead is a toxic metal that can be harmful to human health when ingested or inhaled. Even small doses of lead can be harmful. Unlike most other contaminants, lead is stored in our bones and can be later released into the bloodstream. The groups most vulnerable to lead include fetuses and young children. Drinking water and ingested dust are two likely routes of entry for lead exposure.

Even though water delivered from your community's public water supply must meet Federal and State standards for lead, a facility may have elevated concentrations of lead due to plumbing and water use patterns in the building. The physical/chemical interaction that occurs between the water and plumbing is referred to as corrosion. The extent of which corrosion occurs depends on various factors such as the lead content of the building's plumbing and piping system, water velocity, temperature, alkalinity, chlorine levels, the age and condition of plumbing, and the amount of time water is in contact with the plumbing.

Therefore, the critical issue is that even though your public water supplier may send you water that meets all Federal and State public health standards for lead, you may end up with too much lead

in your drinking water because of the plumbing in your facility. The only way to be certain that lead is not a problem in your school building is to test various drinking water outlets (i.e., taps, bubblers, coolers, etc.) for the substance. That is why testing the water from your drinking water outlets for lead is so important.

IEC collected samples based on previous sampling reports and outlets identified during the work such as kitchen food preparation areas.

Lead Sampling Collection and Analytical Results

Trained technicians collected first draw samples from designated outlets on August 2, 2024. Samples were delivered after each sampling event to a laboratory certified by the New Jersey Department of Environmental Protection (NJ DEP) for analysis. The samples were collected after an 8-to-18-hour stagnation period. All samples were taken before the facility opened and before any water was used by building occupants. Where practical and feasible, samples were first collected at drinking water outlets that were as close as possible to the building water main. Cold water lines were sampled when possible. All water samples were collected in laboratory supplied, pre-cleaned 250 milliliter (mL) bottles. The bottles were labeled with a unique sample identification number and the sample location and time sampled were recorded on the chain of custody form. All samples were sealed immediately after collection and delivered to Eurofins/iATL in Mount Laurel. Analysis was performed for lead content via AAS Graphite Furnace by ASTM Method D3559-15D.

As indicated on the attached laboratory report from Eurofins/iATL, all results were below the NJAC 6A:26112.4 (e) action limit of 15 µ/L**, which is equivalent to 15 ppb**. Therefore, all outlets are acceptable for human consumption.

It should be noted that this sampling was performed in accordance with current guidelines. Should the guidelines change, or legislation dictate other criteria, these results may need to be reevaluated. If you need any further assistance, please do not hesitate to contact our office.

Thank you for the opportunity to provide you with our services. You may contact me if you have any questions or would like to discuss this matter further.

Sincerely,
Indoor Environmental Concepts, LLC

Michael P. Menz, CIH, CHMM
President

IEC
Indoor Environmental Concepts, LLC

003740339

Project Name: Osage Elem. File #: 2024.184.4

Laboratory: Eurofins/iATL Analysis: Lead in Drinking Water ASTM D3559

RECEIVED

Turnaround Time: [X] 2 week

Collected by: Mychael C Myers Date: 8/9/24

Transmitted by: Myers Date: 8/9/24 12:05pm AUG - 9 2024

Received by: Date: IATL - BY

Sample #	Location	Fixture Type	Time sampled
D1	chiller o/s room 102	C	7:29 777998
D2	bottle filler o/s room 102	BF	7:30 777998
~~D3~~	~~nurse office~~ (DID NOT WORK)	S	~~7:33~~
~~D4~~ D3	Elkay ezH2O chiller o/s main office	C	7:38 777998
D4	bottle filler o/s main office	BF	7:39 777998
~~D5~~ D5	chiller across room 113	C	7:42 777998
~~D6~~ D6	bottle filler across room 113	BF	7:43 777998
D7	Elkay ezH2O chiller near storage P-2	C	7:45 777998
D8	" " bottle filler " " "	BF	7:45 777999
D9	chiller between rooms 225 & 226	C	7:49 777999
D10	bottle filler " " " " "	BF	7:50 777999
D11	chiller o/s ~~HK~~ LRC near room 128	C	7:55 777999
D12	bottle filler " " " " "	BF	7:56 777999
D13	small group room 128 (P-7)	S	7:57 777999
D14	chiller across rooms 162 + 163	C	8:01 777999
D15	bottle filler " " "	BF	8:02 777999
	Elkay wall mounted chiller b/w girls	lav & 128	NOT IN USE
	" " " " " staff	lav & 110	" " "

Email results to:
labresults@indoorenvconcepts.com

117 N. Black Horse Pike ● Runnemede, NJ 08078 ● (856) 463-0777 ● www.indoorenvconcepts.com

IEC
Indoor Environmental Concepts, LLC

Project Name: Osage Elem. File #: 2024.184.4

Laboratory: Eurofins/iATL Analysis: Lead in Drinking Water ASTM D3559

Turnaround Time: [X] 2 week

Collected by: [signature] Date: 8/9/24

Transmitted by: mpm Date: 8/12/24 12:05pm

Received by: _____ Date: _____

Sample #	Location	Fixture Type	Time sampled
D16	A.P. room, left chiller	C	8:05 7779 99
D17	A.P. room left bottle filler	BF	8:04 7779 99
D18	A.P. room right chiller	C	8:07 7780 00
D19	AP room right bottle filler	BF	8:07 7780 00
D20	chiller in S. A.P. room foyer by Door C17	C	8:10 7780 003
D21	bottle filler South A.P. room foyer by door C17	BF	8:11 7780 003
D22	kitchen, central sink close to office	S	8:13 7780 004
D23	" " " close to faculty dining	S	8:11 7780 005
D24	water to Cleveland Hot chaud	steamer sink	8:15 7780 006
D25	faculty dining sink	S	8:18 7780 007
D26	faculty dining Kootaire ice machine	IM	8:17 7780 008

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

CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
Runnemede NJ 08078

Client: IND601

Report Date: 8/16/2024
Report No.: 703528 - Lead Water
Project: Osage Elem.
Project No.: 2024.184.4

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7779983 **Client No.:**D1	**Location:**Chiller O/S Room 102 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779984 **Client No.:**D2	**Location:**Bottle Filler O/S Room 102 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779985 **Client No.:**D3	**Location:**Elkay EZ H2O Chiller O/S Main Office * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779986 **Client No.:**D4	**Location:**Bottle Filler O/S Main Office * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779987 **Client No.:**D5	**Location:**Chiller Across Room 113 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779988 **Client No.:**D6	**Location:**Bottle Filler Across Room 113 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779989 **Client No.:**D7	**Location:**Elkay EZ H2O Chiller Near Storage P-2 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779990 **Client No.:**D8	**Location:**Elkay EZ H2O Bottle Filler Near Storage P-2 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779991 **Client No.:**D9	**Location:**Chiller Between Rooms 225 And 226 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779992 **Client No.:**D10	**Location:**Bottle Filler Between Rooms 225 And 226 * 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: 8/9/2024
Date Analyzed: 08/16/2024
Signature:
Analyst: Mark Stewart

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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117 N Black Horse Pike
Runnemede NJ 08078

Client: IND601

Report Date: 8/16/2024
Report No.: 703528 - Lead Water
Project: Osage Elem.
Project No.: 2024.184.4

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7779993 **Client No.:**D11	**Location:**Chiller O/S LRC Near Room 128 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779994 **Client No.:**D12	**Location:**Bottle Filler O/S LRC Near Room 128 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779995 **Client No.:**D13	**Location:**Small Group Room 128 (P-7) * Sample acidified to pH <2.	**Result(ppb):**3.40
Lab No.:7779996 **Client No.:**D14	**Location:**Chiller Across Rooms 162 And 163 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779997 **Client No.:**D15	**Location:**Bottle Filler Across Rooms 162 And 163 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779998 **Client No.:**D16	**Location:**A.P Room Left Chiller * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779999 **Client No.:**D17	**Location:**A.P Room Left Bottle Filler * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7780000 **Client No.:**D18	**Location:**A.P Room Right Chiller * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7780001 **Client No.:**D19	**Location:**A.P Room Right Bottle Filler * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7780002 **Client No.:**D20	**Location:**Chiller In S. A.P Room Foyer By Door C17 * 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: 8/9/2024
Date Analyzed: 08/16/2024
Signature:
Analyst: Mark Stewart

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
Runnemede NJ 08078

Client: IND601

Report Date: 8/16/2024
Report No.: 703528 - Lead Water
Project: Osage Elem.
Project No.: 2024.184.4

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7780003 **Client No.:**D21	**Location:**Bottle Filler South A.P Room Foyer By Door C17 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7780004 **Client No.:**D22	**Location:**Kitchen Central Sink Close To Office * Sample acidified to pH <2.	**Result(ppb):**2.60
Lab No.:7780005 **Client No.:**D23	**Location:**Kitchen Central Sink Close To Faculty Dinning * Sample acidified to pH <2.	**Result(ppb):**1.30
Lab No.:7780006 **Client No.:**D24	**Location:**Water To Cleveland Hot Chaud * Sample acidified to pH <2.	**Result(ppb):**9.10
Lab No.:7780007 **Client No.:**D25	**Location:**Faculty Dining Sink * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7780008 **Client No.:**D26	**Location:**Faculty Dining KoolAire Ice Machine * 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: 8/9/2024
Date Analyzed: 08/16/2024
Signature:
Analyst: Mark Stewart

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client:	Indoor Environmental Concepts, LLC	Report Date:	8/16/2024
	117 N Black Horse Pike	Report No.:	703528 - Lead Water
	Runnemede NJ 08078	Project:	Osage Elem.
		Project No.:	2024.184.4
Client:	IND601		

Appendix to Analytical Report:

Customer Contact: Lab Results
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 OfficeManager: ?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 ir 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

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CERTIFICATE OF ANALYSIS

Client:	Indoor Environmental Concepts, LLC	Report Date:	8/16/2024
	117 N Black Horse Pike	Report No.:	703528 - Lead Water
	Runnemede NJ 08078	Project:	Osage Elem.
		Project No.:	2024.184.4
Client:	IND601		

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.

IEC
Indoor Environmental Concepts, LLC

003740339

Project Name: Osage Elem. File #: 2024.184.4

Laboratory: Eurofins/iATL Analysis: Lead in Drinking Water ASTM D3559

RECEIVED

Turnaround Time: [X] 2 week

Collected by: Mychael C Myers Date: 8/9/24

Transmitted by: Myers Date: 8/9/24 12:05pm AUG - 9 2024

Received by: Date: IATL - BY

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~~D3~~	~~nurse office~~ (DID NOT WORK)	S	~~7:33~~
~~D4~~ D3	Elkay ezH2O chiller o/s main office	C	7:38 777998
D4	bottle filler o/s main office	BF	7:39 777998
~~D5~~ D5	chiller across room 113	C	7:42 777998
~~D6~~ D6	bottle filler across room 113	BF	7:43 777998
D7	Elkay ezH2O chiller near storage P-2	C	7:45 777998
D8	" " bottle filler " " "	BF	7:45 777999
D9	chiller between rooms 225 & 226	C	7:49 777999
D10	bottle filler " " " " "	BF	7:50 777999
D11	chiller o/s ~~HK~~ LRC near room 128	C	7:55 777999
D12	bottle filler " " " " "	BF	7:56 777999
D13	small group room 128 (P-7)	S	7:57 777999
D14	chiller across rooms 162 + 163	C	8:01 777999
D15	bottle filler " " "	BF	8:02 777999
	Elkay wall mounted chiller b/w girls	lav & 128	NOT IN USE
	" " " " " staff	lav & 110	" " "

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Project Name: Osage Elem. File #: 2024.184.4

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Turnaround Time: [X] 2 week

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D18	A.P. room right chiller	C	8:07 7780 00
D19	AP room right bottle filler	BF	8:07 7780 00
D20	chiller in S. A.P. room foyer by Door C17	C	8:10 7780 003
D21	bottle filler South A.P. room foyer by door C17	BF	8:11 7780 003
D22	kitchen, central sink close to office	S	8:13 7780 004
D23	" " " close to faculty dining	S	8:11 7780 005
D24	water to Cleveland Hot chaud	steamer sink	8:15 7780 006
D25	faculty dining sink	S	8:18 7780 007
D26	faculty dining Kootaire ice machine	IM	8:17 7780 008

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CERTIFICATE OF ANALYSIS

Client: Indoor Environmental Concepts, LLC
117 N Black Horse Pike
Runnemede NJ 08078

Client: IND601

Report Date: 8/16/2024
Report No.: 703528 - Lead Water
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LEAD WATER SAMPLE ANALYSIS SUMMARY

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Lab No.:7779985 **Client No.:**D3	**Location:**Elkay EZ H2O Chiller O/S Main Office * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779986 **Client No.:**D4	**Location:**Bottle Filler O/S Main Office * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779987 **Client No.:**D5	**Location:**Chiller Across Room 113 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779988 **Client No.:**D6	**Location:**Bottle Filler Across Room 113 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779989 **Client No.:**D7	**Location:**Elkay EZ H2O Chiller Near Storage P-2 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779990 **Client No.:**D8	**Location:**Elkay EZ H2O Bottle Filler Near Storage P-2 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779991 **Client No.:**D9	**Location:**Chiller Between Rooms 225 And 226 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779992 **Client No.:**D10	**Location:**Bottle Filler Between Rooms 225 And 226 * 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: 8/9/2024
Date Analyzed: 08/16/2024
Signature:
Analyst: Mark Stewart

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Client: IND601

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Report No.: 703528 - Lead Water
Project: Osage Elem.
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Lab No.:7779995 **Client No.:**D13	**Location:**Small Group Room 128 (P-7) * Sample acidified to pH <2.	**Result(ppb):**3.40
Lab No.:7779996 **Client No.:**D14	**Location:**Chiller Across Rooms 162 And 163 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779997 **Client No.:**D15	**Location:**Bottle Filler Across Rooms 162 And 163 * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779998 **Client No.:**D16	**Location:**A.P Room Left Chiller * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7779999 **Client No.:**D17	**Location:**A.P Room Left Bottle Filler * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7780000 **Client No.:**D18	**Location:**A.P Room Right Chiller * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7780001 **Client No.:**D19	**Location:**A.P Room Right Bottle Filler * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7780002 **Client No.:**D20	**Location:**Chiller In S. A.P Room Foyer By Door C17 * 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: 8/9/2024
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Analyst: Mark Stewart

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Client: IND601

Report Date: 8/16/2024
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7780003 **Client No.:**D21	**Location:**Bottle Filler South A.P Room Foyer By Door C17 * Sample acidified to pH <2.	**Result(ppb):**<1.00
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Lab No.:7780005 **Client No.:**D23	**Location:**Kitchen Central Sink Close To Faculty Dinning * Sample acidified to pH <2.	**Result(ppb):**1.30
Lab No.:7780006 **Client No.:**D24	**Location:**Water To Cleveland Hot Chaud * Sample acidified to pH <2.	**Result(ppb):**9.10
Lab No.:7780007 **Client No.:**D25	**Location:**Faculty Dining Sink * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7780008 **Client No.:**D26	**Location:**Faculty Dining KoolAire Ice Machine * 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: 8/9/2024
Date Analyzed: 08/16/2024
Signature:
Analyst: Mark Stewart

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

eurofins | Built Environment Testing
iATL

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

CERTIFICATE OF ANALYSIS

Client:	Indoor Environmental Concepts, LLC	Report Date:	8/16/2024
	117 N Black Horse Pike	Report No.:	703528 - Lead Water
	Runnemede NJ 08078	Project:	Osage Elem.
		Project No.:	2024.184.4
Client:	IND601		

Appendix to Analytical Report:

Customer Contact: Lab Results
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 OfficeManager: ?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 ir 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

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CERTIFICATE OF ANALYSIS

Client:	Indoor Environmental Concepts, LLC	Report Date:	8/16/2024
	117 N Black Horse Pike	Report No.:	703528 - Lead Water
	Runnemede NJ 08078	Project:	Osage Elem.
		Project No.:	2024.184.4
Client:	IND601		

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.