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NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
 State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343, NJ PA101

Analytical Results Report For **Dr. Lena Edwards Academic Charter School**
 Project 2024 Lead and Copper-Trinity
 Workorder 3343893
 Report ID 299493 on 2/6/2024

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Feb 01, 2024.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Kelli Wolfgang (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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Recipient(s):
 Andrew Elam - Dr. Lena Edwards Academic Charter School

Kelli Wolfgang

Kelli Wolfgang (ALS Digital Signature)
 Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Sample Summary

<u>Lab ID</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Collector</u>	<u>Collection Company</u>
3343893001	Hallway Bathroom Sink	Drinking Water	01/26/2024 09:00	02/01/2024 18:40	CBC	Collected By Client
3343893002	Classroom 1 Sink	Drinking Water	01/26/2024 09:00	02/01/2024 18:40	CBC	Collected By Client
3343893003	Office Bathroom Sink	Drinking Water	01/26/2024 09:00	02/01/2024 18:40	CBC	Collected By Client
3343893004	Classroom 2 Sink	Drinking Water	01/26/2024 09:00	02/01/2024 18:40	CBC	Collected By Client
3343893005	Nurses Office Sink	Drinking Water	01/26/2024 09:00	02/01/2024 18:40	CBC	Collected By Client



Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
EPA 300.1 Rev. 1.0-1997
EPA 300.0 Rev. 2.1-1993
EPA 353.2 Rev. 2.0-1993
EPA 410.4 Rev. 1.0-1993
EPA 420.4 Rev. 1.0-1993
EPA 365.1 Rev. 2.0-1993
EPA 200.7 Rev. 4.4-1994
EPA 200.8 Rev. 5.4-1994
EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.



Project Notations

Sample Notations

Lab ID **Sample ID**

Result Notations

Notation Ref.



Detected Results Summary

Client Sample ID	Hallway Bathroom Sink	Collected	01/26/2024 09:00
Lab Sample ID	3343893001	Lab Receipt	02/01/2024 18:40

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Flag</u>
METALS					
Copper, Total	0.032	mg/L	0.0050	EPA 200.8	#



Detected Results Summary

Client Sample ID	Classroom 1 Sink	Collected	01/26/2024 09:00
Lab Sample ID	3343893002	Lab Receipt	02/01/2024 18:40

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Flag</u>
METALS					
Copper, Total	0.042	mg/L	0.0050	EPA 200.8	#



Detected Results Summary

Client Sample ID	Office Bathroom Sink	Collected	01/26/2024 09:00
Lab Sample ID	3343893003	Lab Receipt	02/01/2024 18:40

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Flag</u>
METALS					
Copper, Total	0.095	mg/L	0.0050	EPA 200.8	#



Detected Results Summary

Client Sample ID	Classroom 2 Sink	Collected	01/26/2024 09:00
Lab Sample ID	3343893004	Lab Receipt	02/01/2024 18:40

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Flag</u>
METALS					
Copper, Total	0.028	mg/L	0.0050	EPA 200.8	#



Detected Results Summary

Client Sample ID	Nurses Office Sink	Collected	01/26/2024 09:00
Lab Sample ID	3343893005	Lab Receipt	02/01/2024 18:40

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Flag</u>
METALS					
Copper, Total	0.021	mg/L	0.0050	EPA 200.8	#

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Results

Client Sample ID	Hallway Bathroom Sink	Collected	01/26/2024 09:00
Lab Sample ID	3343893001	Lab Receipt	02/01/2024 18:40

METALS

<u>Compound</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Dilution</u>	<u>Analysis Date/Time</u>	<u>By</u>	<u>Cntr</u>
Copper, Total	0.032		mg/L	0.0050	EPA 200.8	1	02/06/2024 09:57	KXH	A
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	02/06/2024 09:57	KXH	A



Results

Client Sample ID	Classroom 1 Sink	Collected	01/26/2024 09:00
Lab Sample ID	3343893002	Lab Receipt	02/01/2024 18:40

METALS

<u>Compound</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Dilution</u>	<u>Analysis Date/Time</u>	<u>By</u>	<u>Cntr</u>
Copper, Total	0.042		mg/L	0.0050	EPA 200.8	1	02/06/2024 09:58	KXH	A
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	02/06/2024 09:58	KXH	A



Results

Client Sample ID	Office Bathroom Sink	Collected	01/26/2024 09:00
Lab Sample ID	3343893003	Lab Receipt	02/01/2024 18:40

METALS

<u>Compound</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Dilution</u>	<u>Analysis Date/Time</u>	<u>By</u>	<u>Cntr</u>
Copper, Total	0.095		mg/L	0.0050	EPA 200.8	1	02/06/2024 09:59	KXH	A
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	02/06/2024 09:59	KXH	A



Results

Client Sample ID	Classroom 2 Sink	Collected	01/26/2024 09:00
Lab Sample ID	3343893004	Lab Receipt	02/01/2024 18:40

METALS

<u>Compound</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Dilution</u>	<u>Analysis Date/Time</u>	<u>By</u>	<u>Cntr</u>
Copper, Total	0.028		mg/L	0.0050	EPA 200.8	1	02/06/2024 10:05	KXH	A
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	02/06/2024 10:05	KXH	A



Results

Client Sample ID	Nurses Office Sink	Collected	01/26/2024 09:00
Lab Sample ID	3343893005	Lab Receipt	02/01/2024 18:40

METALS

<u>Compound</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Dilution</u>	<u>Analysis Date/Time</u>	<u>By</u>	<u>Cntr</u>
Copper, Total	0.021		mg/L	0.0050	EPA 200.8	1	02/06/2024 10:08	KXH	A
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	02/06/2024 10:08	KXH	A



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3343893001	Hallway Bathroom Sink	EPA 200.8	EPA ACIDT	
3343893002	Classroom 1 Sink	EPA 200.8	EPA ACIDT	
3343893003	Office Bathroom Sink	EPA 200.8	EPA ACIDT	
3343893004	Classroom 2 Sink	EPA 200.8	EPA ACIDT	
3343893005	Nurses Office Sink	EPA 200.8	EPA ACIDT	



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3343893001	Hallway Bathroom Sink	EPA ACIDT	1131826	02/05/2024 15:43	KXH	EPA 200.8	1131827
3343893002	Classroom 1 Sink	EPA ACIDT	1131826	02/05/2024 15:43	KXH	EPA 200.8	1131827
3343893003	Office Bathroom Sink	EPA ACIDT	1131826	02/05/2024 15:43	KXH	EPA 200.8	1131827
3343893004	Classroom 2 Sink	EPA ACIDT	1131828	02/05/2024 15:44	KXH	EPA 200.8	1131829
3343893005	Nurses Office Sink	EPA ACIDT	1131828	02/05/2024 15:44	KXH	EPA 200.8	1131829

