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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 <u>3343893</u>

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
Project Coordinator

(ALS Digital Signature)

Kelli Wolfgang

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

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Sample Summary

<u>Lab ID</u>	Sample ID	<u>Matrix</u>	Date Collected	Date Received	Collector	Collection Company
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

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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

FPA 365 1 Rev. 2 0-1993

EPA 200.7 Rev. 4.4-1994

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 preformed 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.

<u>Project</u> 2024 Lead and Copper-Trinity

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		Project Notations
Lab ID	Sample ID	Sample Notations
Lab ID	Sample ID	
		Result Notations
Notation Ref.		

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

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

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

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

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

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

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

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

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

Compound	Result Units	<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

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

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Results

 Client Sample ID
 Classroom 1 Sink
 Collected
 01/26/2024 09:00

 Lab Sample ID
 3343893002
 Lab Receipt
 02/01/2024 18:40

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

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Results

 Client Sample ID
 Office Bathroom Sink
 Collected
 01/26/2024 09:00

 Lab Sample ID
 3343893003
 Lab Receipt
 02/01/2024 18:40

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

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Results

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

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

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Results

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

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

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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	

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	Ву	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

CHAIN OF CUSTODY/

REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.

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ALS Quote

Logged By: MJE PM: KLW 3343893

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Client Name: Dr. Lena Edwards Academic Charter School	harter School	8	Container Type		0.			Temp Taken By: Therm ID: WO Temp (*C)
Address: 509 Bramhall Avenue			Confainer		250 mL			by: WOTemp (°C) Therm ID 6°C
Jersey City, NJ 073042		<u>a</u>	Preservative		None			
		Ō	rthoph	osphate	Orthophosphate Filtered?	Yes No Hexavalent Chromium Filtered?	Yes No	C Cooler Custody Seal Intact
Contact: Andrew Elam						ANALYSIS / METHOD REQUESTED		@ -
Phone#; 551-247-1050								S Cooler & Samples Intact N N
Project Name#: 2024 Lead and Copper- Trinity Childcare	rinity Childcare							>
Bill To:				EPA				V Adequate Sample Volumes V N V
Purchase Order #:		(KeA)	(fau	ph coc				ered Y
TAT Rush-Subject to ALS approval and surcharges.	12 business days.		aae) as	on of C opper				
Date Required: Email? X aelam@drlenaedwardscharterschool.org	Approved? ardscharterschool.org		ample Typ	(See botto DO bns b	8.			Si Courier/Tracking #: creen (uCi)
Samuel Danishing Incited	2000	T		trix (.00			SI SDWA Compliance Y N Jurce Contact:
(as it will appear on the lab report)	mm/dd/yy	th:ma	9.	PW**	7	Enter Number of Containers Per Sample or Field Results Below	low.	Py N N N N N N N N N N N N N N N N N N N
1 Hallway Bathroom Sink	-	9:00 am	0	0	-			PU NO SIMBIN 0802/124
2 Classroom 1 Sink	1/26/24	9:00 am	G	0	-			SDWA Sample Type Key: D=Distribution E=Entry Point
3 Office Bathroom Sink	1/26/24	9:00 am	O	0	-			R=Raw P=Plant C=Check S=Special A=Annual Startup
4 Classroom 2 Sink	1/26/24	9:00 am	ග	0	1			Sample/COC Remarks
5 Nurses Office Sink	1/26/24	9:00 am	G	0	1			
9								
7								
8								
6								Contains Short Hold Testing YES NO
10								Internal Use: If less than 48 hours - notify lab upon receipt
Circle Sample Collector: ALS Tech / Client		Comments:					89)0	CLP-like HSCA s
	ID:						liveral	DOD Landfill Collected
Date: Time	Relinquished By / Company Name	1 Campany	Name			Received By I Company Name	eO str	NJ RED NJ GW
1/2/24/13/4/1	1676/1611	12/	0		2		20	NJ Full
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6					9		EDDS:	Format Type Other

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"Matrix - A-Air D-Drinking Water, GW-Groundwater, O-Cit, LW-Llquid Waster, S-Solid/Soli/Studge, SW-Surface Water, WP-Wipe, VW-Wastewater ALS SHIPPING ADDRESS: 301 Fulling Mill Road, Suite A, Middletown, PA 17057

· G=Grab; C=Composite

Rev 07.06.2023