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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-832 Ocean
 Workorder 3343894
 Report ID 299494 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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 ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

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

Kelli Wolfgang

Kelli Wolfgang
 Project Coordinator

(ALS Digital Signature)

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>
3343894001	Boys Restroom A	Drinking Water	01/26/2024 09:20	02/01/2024 18:40	CBC	Collected By Client
3343894002	Boys Restroom B	Drinking Water	01/26/2024 09:15	02/01/2024 18:40	CBC	Collected By Client
3343894003	Girls Restroom A	Drinking Water	01/26/2024 09:15	02/01/2024 18:40	CBC	Collected By Client
3343894004	Girls Restroom B	Drinking Water	01/26/2024 09:00	02/01/2024 18:40	CBC	Collected By Client
3343894005	Handicap Restroom	Drinking Water	01/26/2024 09:15	02/01/2024 18:40	CBC	Collected By Client
3343894006	Custodian Closet	Drinking Water	01/26/2024 09:10	02/01/2024 18:40	CBC	Collected By Client
3343894007	Kitchen	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.



Project 2024 Lead and Copper-832 Ocean
Workorder 3343894

Detected Results Summary

Client Sample ID	Boys Restroom A	Collected	01/26/2024 09:20
Lab Sample ID	3343894001	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	0.060	mg/L	0.0050	EPA 200.8	#

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Detected Results Summary

Client Sample ID	Boys Restroom B	Collected	01/26/2024 09:15
Lab Sample ID	3343894002	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	0.075	mg/L	0.0050	EPA 200.8	#



Detected Results Summary

Client Sample ID	Girls Restroom A	Collected	01/26/2024 09:15
Lab Sample ID	3343894003	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	0.058	mg/L	0.0050	EPA 200.8	#

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Detected Results Summary

Client Sample ID	Girls Restroom B	Collected	01/26/2024 09:00
Lab Sample ID	3343894004	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	0.15	mg/L	0.0050	EPA 200.8	#
Lead, Total	0.0029	mg/L	0.0020	EPA 200.8	#

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Detected Results Summary

Client Sample ID	Handicap Restroom	Collected	01/26/2024 09:15
Lab Sample ID	3343894005	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	0.10	mg/L	0.0050	EPA 200.8	#



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Detected Results Summary

Client Sample ID	Custodian Closet	Collected	01/26/2024 09:10
Lab Sample ID	3343894006	Lab Receipt	02/01/2024 18:40

Compound	Result	Units	RDL	Method	Flag
METALS					
Copper, Total	0.033	mg/L	0.0050	EPA 200.8	#



Detected Results Summary

Client Sample ID	Kitchen	Collected	01/26/2024 09:00
Lab Sample ID	3343894007	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	0.085	mg/L	0.0050	EPA 200.8	#

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Results

Client Sample ID	Boys Restroom A	Collected	01/26/2024 09:20
Lab Sample ID	3343894001	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	0.060		mg/L	0.0050	EPA 200.8	1	02/06/2024 10:09	KXH	A
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	02/06/2024 10:09	KXH	A

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Results

Client Sample ID	Boys Restroom B	Collected	01/26/2024 09:15
Lab Sample ID	3343894002	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	0.075		mg/L	0.0050	EPA 200.8	1	02/06/2024 10:10	KXH	A
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	02/06/2024 10:10	KXH	A

Project 2024 Lead and Copper-832 Ocean
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Results

Client Sample ID	Girls Restroom A	Collected	01/26/2024 09:15
Lab Sample ID	3343894003	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	0.058		mg/L	0.0050	EPA 200.8	1	02/06/2024 10:11	KXH	A
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	02/06/2024 10:11	KXH	A

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Results

Client Sample ID	Girls Restroom B	Collected	01/26/2024 09:00
Lab Sample ID	3343894004	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	0.15		mg/L	0.0050	EPA 200.8	1	02/06/2024 10:12	KXH	A
Lead, Total	0.0029		mg/L	0.0020	EPA 200.8	1	02/06/2024 10:12	KXH	A

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Results

Client Sample ID	Handicap Restroom	Collected	01/26/2024 09:15
Lab Sample ID	3343894005	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	0.10		mg/L	0.0050	EPA 200.8	1	02/06/2024 10:16	KXH	A
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	02/06/2024 10:16	KXH	A



Results

Client Sample ID	Custodian Closet	Collected	01/26/2024 09:10
Lab Sample ID	3343894006	Lab Receipt	02/01/2024 18:40

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Copper, Total	0.033		mg/L	0.0050	EPA 200.8	1	02/06/2024 10:17	KXH	A
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	02/06/2024 10:17	KXH	A

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Results

Client Sample ID	Kitchen	Collected	01/26/2024 09:00
Lab Sample ID	3343894007	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	0.085		mg/L	0.0050	EPA 200.8	1	02/06/2024 10:18	KXH	A
Lead, Total	ND	ND	mg/L	0.0020	EPA 200.8	1	02/06/2024 10:18	KXH	A



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3343894001	Boys Restroom A	EPA 200.8	EPA ACIDT	
3343894002	Boys Restroom B	EPA 200.8	EPA ACIDT	
3343894003	Girls Restroom A	EPA 200.8	EPA ACIDT	
3343894004	Girls Restroom B	EPA 200.8	EPA ACIDT	
3343894005	Handicap Restroom	EPA 200.8	EPA ACIDT	
3343894006	Custodian Closet	EPA 200.8	EPA ACIDT	
3343894007	Kitchen	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
3343894001	Boys Restroom A	EPA ACIDT	1131828	02/05/2024 15:44	KXH	EPA 200.8	1131829
3343894002	Boys Restroom B	EPA ACIDT	1131828	02/05/2024 15:44	KXH	EPA 200.8	1131829
3343894003	Girls Restroom A	EPA ACIDT	1131828	02/05/2024 15:44	KXH	EPA 200.8	1131829
3343894004	Girls Restroom B	EPA ACIDT	1131828	02/05/2024 15:44	KXH	EPA 200.8	1131829
3343894005	Handicap Restroom	EPA ACIDT	1131828	02/05/2024 15:44	KXH	EPA 200.8	1131829
3343894006	Custodian Closet	EPA ACIDT	1131828	02/05/2024 15:44	KXH	EPA 200.8	1131829
3343894007	Kitchen	EPA ACIDT	1131828	02/05/2024 15:44	KXH	EPA 200.8	1131829

301 Filling Mill Rd, Suite A
Middletown, PA 17057
P: 717-944-5541



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

3343894

Logged By: MJE
PH: KLM

COC #:
ALS QIC

Client Name: Dr. Lena Edwards Academic Charter School		Container Type	P	Yes	No	Hexavalent Chromium Filtered?	Yes	No
Address: 509 Bramhall Avenue Jersey City, NJ 073042		Container Size	250 mL	Yes	No	Orthophosphate Filtered?	Yes	No
Contact: Andrew Elan		Preservative	None	ANALYSIS / METHOD REQUESTED				
Phone#: 551-247-1050		Enter Number of Containers Per Sample or Field Results Below.						
Project Name#: 2024 Lead and Copper - 832 Ocean Ave		SDWA Sample Type (see key)						
Bill To:		*Matrix (see bottom of COC)						
Purchase Order #:		2008						
TAT <input checked="" type="checkbox"/> Normal-Standard TAT is 10-12 business days.		Lead and Copper by EPA						
Rush-Subject to ALS approval and surcharges.		*G or C						
Date Required:		SDWA Matrix (see bottom of COC)						
Email? <input checked="" type="checkbox"/> aelam@drleaedwardscharterschool.org		Client contact:						
Sample Description/Location (as it will appear on the lab report)		Date Collected	Time	Receipt Info Completed By:				
1	Boys Restroom A	1/26/24	9:20 am	DPB	Cooler Custody Seal Intact			
2	Boys Restroom B	1/26/24	9:15 am	Y N NA	Sample Custody Seal Intact			
3	Girls Restroom A	1/26/24	9:15 am	Y N NA	Received on Ice			
4	Girls Restroom B	1/26/24	9:00 am	Y N NA	Correct Containers Provided			
5	Handicap Restroom	1/26/24	9:15 am	Y N NA	Sample Label/COC Agree			
6	Custodian Closet	1/26/24	9:10 am	Y N NA	Adequate Sample Volumes			
7	Kitchen	1/26/24	9:00 am	Y N NA	CR6 Samples Filtered			
8				Y N NA	OP Samples Filtered			
9				Y N NA	VOA Trip Blank			
10				Y N NA	NI≤4 Days?			
Circle Sample Collector: ALS Tech / Client		ID:		Rad Screen (uCi)				
Date:	Time	Relinquished By / Company Name	Received By / Company Name	Courier/Tracking #:				
1/2/24	13:30	ALS	ALS	SDWA Compliance				
2/1/24	19:16	ALS	ALS	PWSID				
				WV Containers 0-6°C				
				No Samples				
				R=Raw P=Plant C=Check S=Special A=Annual Startup				
				Sample/COC Remarks				
				Contains Short Hold Testing YES NO				
				Internal Use: If less than 48 hours - notify lab upon receipt				
				State Samples Collected In				
				NY <input type="checkbox"/> NJ <input checked="" type="checkbox"/> PA <input type="checkbox"/> WV <input type="checkbox"/> FL <input type="checkbox"/> other <input type="checkbox"/>				
				Sample Disposal				
				Excel Summary				
				Equis				
				Custom				
				Lab				
				Special				
				Format Type				

*G=Grab; C=Composite **Matrix - A=Air; D=Drinking Water; GW=Groundwater; O=Oil; LW=Liquid Waste; S=Solid/Sludge; SW=Surface Water; WP=Waste Water
ALS SHIPPING ADDRESS: 301 Filling Mill Road, Suite A, Middletown, PA 17057