



May 05, 2025

Service Request No:R2504524

Mr. Ken Nelson
Rush-Henrietta Central School District
2034 Lehigh Station Road
Henrietta, NY 14467

Laboratory Results for: WHEB

Dear Mr.Nelson,

Enclosed are the results of the sample(s) submitted to our laboratory April 29, 2025
For your reference, these analyses have been assigned our service request number **R2504524**.

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7476. You may also contact me via email at Chris.Leavy@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Christopher Leavy
Project Manager

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ALS Group USA, Corp.
dba ALS Environmental



Narrative Documents

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Client: Rush-Henrietta Central School District
Project: WHEB
Sample Matrix: Drinking Water

Service Request: R2504524
Date Received: 04/29/2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Four drinking water samples were received for analysis at ALS Environmental on 04/29/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.



Approved by _____

Date 05/05/2025



SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: WHEB-1 Rm. 14 - Teacher Center Sink Faucet	Lab ID: R2504524-001
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.0			1.0	ug/L	200.8

CLIENT ID: WHEB-2 Rm. 15 - Drinking Fountain	Lab ID: R2504524-002
-----------------------------------------------------	-----------------------------

Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.6			1.0	ug/L	200.8

CLIENT ID: WHEB-3 Rm. 107 - Conference Room Sink Faucet	Lab ID: R2504524-003
----------------------------------------------------------------	-----------------------------

Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.0			1.0	ug/L	200.8



Sample Receipt Information

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Client: Rush-Henrietta Central School District
Project: WHEB

Service Request:R2504524

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2504524-001	WHEB-1 Rm. 14 - Teacher Center Sink Faucet	4/29/2025	0522
R2504524-002	WHEB-2 Rm. 15 - Drinking Fountain	4/29/2025	0527
R2504524-003	WHEB-3 Rm. 107 - Conference Room Sink Faucet	4/29/2025	0530
R2504524-004	WHEB-4 Rm. 107 - Fridge Water Dispenser	4/29/2025	0531



Cooler Receipt and Preservation Check Form

Project/Client: Rush Henrietta CSD Folder Number _____

Cooler received on 4/29/25 by: KE

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y <input checked="" type="radio"/> N <input type="radio"/>	5a	Did VOA vials have sig* bubbles?	Y N <input checked="" type="radio"/> NA
2	Custody papers properly completed (ink, signed)?	Y <input checked="" type="radio"/> N <input type="radio"/>	5b	Sig* bubbles: Alk? Y N <input checked="" type="radio"/> NA Sulfide? Y N <input checked="" type="radio"/> NA	
3	Did all bottles arrive in good condition (unbroken)?	Y <input checked="" type="radio"/> N <input type="radio"/>	6	Where did the bottles originate?	<u>ALS/ROC</u> CLIENT
4	Circle: Wet Ice Dry Ice Gel packs present?	Y <input checked="" type="radio"/> N <input type="radio"/>	7	Soil VOA received as: Bulk Encore 5035set	<input checked="" type="radio"/> NA

8. Temperature Readings Date: 4/29/25 Time: 08:20 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	<u>18.1</u>						
Within 0-6°C?	Y <input checked="" type="radio"/> N <input type="radio"/>	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule
 & Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by KE on 4/29/25 at 08:27
 5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 4/29/25 Time: 9:18 by: AA

- Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO no date or time
- Did all bottle labels and tags agree with custody papers? YES NO
- Were correct containers used for the tests indicated? YES NO
- Were 5035 vials acceptable (no extra labels, not leaking)? YES NO N/A
- Were dissolved metals filtered in the field? YES NO N/A
- Air Samples: Cassettes / Tubes Intact Y/N with MS Y/N Canisters Pressurized Tedlar® Bags Inflated N/A

pH	Lot of test paper	Reagent	Preserved?		Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
			Yes	No						
≥12		NaOH								
≤2		HNO ₃		<input checked="" type="checkbox"/>			<u>011</u>	<u>4mL</u>	<u>239258</u>	<u>2.2</u>
≤2		H ₂ SO ₄								
<4		NaHSO ₄								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add Na ₂ S ₂ O ₃ (625, 608, CN), ascorbic (phenol).					
		Na ₂ S ₂ O ₃								
		ZnAcetate	-	-						
		HCl	**	**						

**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 80419-05

Explain all Discrepancies/ Other Comments: _____

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: AA

*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter



Miscellaneous Forms

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REPORT QUALIFIERS AND DEFINITIONS

- U Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
- J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).
- B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
- E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
- E Organics- Concentration has exceeded the calibration range for that specific analysis.
- D Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
- * Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
- H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
- # Spike was diluted out.
- + Correlation coefficient for MSA is <0.995.
- N Inorganics- Matrix spike recovery was outside laboratory limits.
- N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
- S Concentration has been determined using Method of Standard Additions (MSA).
- W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
- P Concentration >40% difference between the two GC columns.
- C Confirmed by GC/MS
- Q DoD reports: indicates a pesticide/Aroclor is not confirmed ($\geq 100\%$ Difference between two GC columns).
- X See Case Narrative for discussion.
- MRL Method Reporting Limit. Also known as:
- LOQ Limit of Quantitation (LOQ)
The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
- MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
- LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.
- ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations¹



NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

¹ Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to <https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx>.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Rush-Henrietta Central School District
Project: WHEB/

Service Request: R2504524

Sample Name: WHEB-1 Rm. 14 - Teacher Center Sink
Lab Code: R2504524-001
Sample Matrix: Drinking Water

Date Collected: 04/29/25
Date Received: 04/29/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: WHEB-2 Rm. 15 - Drinking Fountain
Lab Code: R2504524-002
Sample Matrix: Drinking Water

Date Collected: 04/29/25
Date Received: 04/29/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: WHEB-3 Rm. 107 - Conference Room
Lab Code: R2504524-003
Sample Matrix: Drinking Water

Date Collected: 04/29/25
Date Received: 04/29/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: WHEB-4 Rm. 107 - Fridge Water
Lab Code: R2504524-004
Sample Matrix: Drinking Water

Date Collected: 04/29/25
Date Received: 04/29/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN



PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C or 6010D	3050B
6020A or 6020B	3050B
6010C or 6010D TCLP (1311) extract	3005A/3010A
6010C or 6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":

For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.



Sample Results

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Metals

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dba ALS Environmental

Analytical Report

Client: Rush-Henrietta Central School District
Project: WHEB
Sample Matrix: Drinking Water
Sample Name: WHEB-1 Rm. 14 - Teacher Center Sink Faucet
Lab Code: R2504524-001

Service Request: R2504524
Date Collected: 04/29/25 05:22
Date Received: 04/29/25 08:17

Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	3.0	ug/L	1.0	1	05/02/25 14:22	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Rush-Henrietta Central School District
Project: WHEB
Sample Matrix: Drinking Water
Sample Name: WHEB-2 Rm. 15 - Drinking Fountain
Lab Code: R2504524-002

Service Request: R2504524
Date Collected: 04/29/25 05:27
Date Received: 04/29/25 08:17
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.6	ug/L	1.0	1	05/02/25 14:23	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Rush-Henrietta Central School District
Project: WHEB
Sample Matrix: Drinking Water

Service Request: R2504524
Date Collected: 04/29/25 05:30
Date Received: 04/29/25 08:17

Sample Name: WHEB-3 Rm. 107 - Conference Room Sink Faucet
Lab Code: R2504524-003

Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	4.0	ug/L	1.0	1	05/02/25 14:25	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Rush-Henrietta Central School District
Project: WHEB
Sample Matrix: Drinking Water
Sample Name: WHEB-4 Rm. 107 - Fridge Water Dispenser
Lab Code: R2504524-004

Service Request: R2504524
Date Collected: 04/29/25 05:31
Date Received: 04/29/25 08:17
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.0 U	ug/L	1.0	1	05/02/25 14:26	



QC Summary Forms

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Metals

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Rush-Henrietta Central School District
Project: WHEB
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2504524-MB

Service Request: R2504524
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.0 U	ug/L	1.0	1	05/02/25 14:14	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Rush-Henrietta Central School District
Project: WHEB
Sample Matrix: Drinking Water

Service Request: R2504524
Date Analyzed: 05/02/25

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2504524-LCS

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	18.2	20.0	91	85-115