



April 30, 2025

Service Request No:R2504404

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

Laboratory Results for: Sherman Intermediate School

Dear Mr.Nelson,

Enclosed are the results of the sample(s) submitted to our laboratory April 24, 2025
For your reference, these analyses have been assigned our service request number **R2504404**.

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

ADDRESS

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

PHONE +1 585 288 5380 | **FAX** +1 585 288 8475

ALS Group USA, Corp.
dba ALS Environmental



Narrative Documents

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com



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

Service Request: R2504404
Date Received: 04/24/2025

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:

Seventeen drinking water samples were received for analysis at ALS Environmental on 04/24/2025. 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 04/30/2025



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: Sherman-1 C-6-Gym Women's Drinking Fountain	Lab ID: R2504404-001
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.7			1.0	ug/L	200.8

CLIENT ID: Sherman-12 D-11A-Braising Pan Faucet	Lab ID: R2504404-012
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	85.9			1.0	ug/L	200.8

CLIENT ID: Sherman-13 D-11A-Kitchen Island Sink Faucet	Lab ID: R2504404-013
---	-----------------------------

Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	9.5			1.0	ug/L	200.8

CLIENT ID: Sherman-14 D-11A-Braising Pan Faucet (5Min Flush)	Lab ID: R2504404-014
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.9			1.0	ug/L	200.8

CLIENT ID: Sherman-15 D-11A-Kitchen Island Sink Faucet (5Min	Lab ID: R2504404-015
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8

CLIENT ID: Sherman-16 D-4-Faculty Break Room Sink Faucet	Lab ID: R2504404-016
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.6			1.0	ug/L	200.8

CLIENT ID: Sherman-18 D-10-Cafetorium Drinking Fountain	Lab ID: R2504404-018
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	5.1			1.0	ug/L	200.8



Sample Receipt Information

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com

Client: Rush-Henrietta Central School District
Project: Sherman Intermediate School

Service Request:R2504404

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2504404-001	Sherman-1 C-6-Gym Women's Drinking Fountain	4/24/2025	0546
R2504404-002	Sherman-2 Drinking Fountain Adj. to Rm. C-7	4/24/2025	0540
R2504404-003	Sherman-3 C-6-Gym Men's Drinking Fountain	4/24/2025	0546
R2504404-004	Sherman-4 F-Wing Drinking Fountain Lower	4/24/2025	0549
R2504404-005	Sherman-5 F-Wing Bottle Filler	4/24/2025	0545
R2504404-006	Sherman-6 F-Wing Drinking Fountain Upper	4/24/2025	0549
R2504404-007	Sherman-7 A-5-Health Office Exam Room Sink Faucet	4/24/2025	0553
R2504404-008	Sherman-8 A-5-Health Office Ice Maker	4/24/2025	0553
R2504404-009	Sherman-9 A-5-Health Office Main Sink Faucet	4/24/2025	0553
R2504404-010	Sherman-10 Drinking Fountain Opposite Main Office	4/24/2025	0553
R2504404-011	Sherman-11 Drinking Fountain Adj. to Rm. B-15	4/24/2025	0532
R2504404-012	Sherman-12 D-11A-Braising Pan Faucet	4/24/2025	0410
R2504404-013	Sherman-13 D-11A-Kitchen Island Sink Faucet	4/24/2025	0410
R2504404-014	Sherman-14 D-11A-Braising Pan Faucet (5Min Flush)	4/24/2025	0415
R2504404-015	Sherman-15 D-11A-Kitchen Island Sink Faucet (5Min Flush)	4/24/2025	0415
R2504404-016	Sherman-16 D-4-Faculty Break Room Sink Faucet	4/24/2025	0538
R2504404-018	Sherman-18 D-10-Cafetorium Drinking Fountain	4/24/2025	0410



Chain of Custody / Analytical Request Form

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SR#:

Page of

Report To:		ALL SHADED AREAS <u>MUST</u> BE COMPLETED BY THE CLIENT / SAMPLER				Preservative												0. None			
Company:		Project Name:				Matrix	Number of Containers	MS/MSD?	200.8 Lead											1. HCl	
Contact:		Project Number:																		2. HNO ₃	
Email:		ALS Quote #:																		3. H ₂ SO ₄	
Phone:		Sampler's Signature:																		4. NaOH	
Address:		Email CC:																		5. Zn Acet.	
		Email CC:														6. MeOH					
		State Samples Collected														7. NaHSO ₄					
		NY														8. Other					
Lab ID (ALS)	Sample Collection Information:																	Notes:			
	Sample ID:	Date	Time																		
1	C-6 - Gym Women's Drinking Fountain	04/24/25	5:40	DW				X													
2	Drinking Fountain Adj. to Rm. C-7	04/24/25	5:40	DW				X													
3	C-6 - Gym Men's Drinking Fountain	04/24/25	5:46	DW				X													
4	F-Wing Drinking Fountain Lower	04/24/25	5:49	DW				X													
5	F-Wing Bottle Filler	04/24/25	5:45	DW				X													
6	F-Wing Drinking Fountain Upper	04/24/25	5:49	DW				X													
7	A-5 - Health Office Exam Room Sink Faucet	04/24/25	5:53	DW				X													
8	A-5 - Health Office Ice Maker	04/24/25	5:53	DW				X													
9	A-5 - Health Office Main Sink Faucet	04/24/25	5:53	DW				X													
10	Drinking Fountain Opposite Main Office	04/24/25	5:55	DW				X													

Special Instructions / Comments:	Turnaround Requirements		Report Requirements		R2504404 5 Rush-Henrietta Central School District Sherman Intermediate School
	☐ Rush (Surcharges Apply) ☐ Subject to Availability* ☐ Please Check with your PM* ☒ Standard (10 Business Days)		☒ Tier II/Cat A - Results/QC ☐ Tier IV/Cat B - Data Validation Report w/. Data		
	Date Required:		EDD: ☐ Yes ☐ No		
			EDD Type:		

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:	PO #:
Signature: <i>James Schultz</i>	Signature: <i>Abbie Austin</i>					7225-01793
Printed Name: James Schultz	Printed Name: Abbie Austin					Company: Rush-Henrietta CSD
Company: Rush-Henrietta CSD	Company: ALS					Contact: Ken Nelson
Date/Time: 4-24-25 8:38	Date/Time: 4/24/25 8:38					Email: knelson@rhnet.org
						Phone: 585-738-8070
						Address:
						2034 Lehigh Station Rd. Henrietta, NY 14467



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Page of

Report To:		ALL SHADED AREAS <u>MUST</u> BE COMPLETED BY THE CLIENT / SAMPLER		Preservative																		0. None				
Company: Rush-Henrietta CSD		Project Name: Sherman Intermediate School		GW WW SW DW S L NA	Matrix	Number of Containers	MS/MSD?	200.8 Lead																	1. HCl	
Contact: Ken Nelson		Project Number:																							2. HNO3	
Email: knelson@rhnet.org		ALS Quote #: 38456																							3. H2SO4	
Phone: 585-738-8070		Sampler's Signature:																							4. NaOH	
Address: 2034 Lehigh Station Road Henrietta NY 14467		Email CC: slacey@rhnet.org jlschultz@rhnet.org																							5. Zn Acet.	
		State Samples Collected NY																		6. MeOH						
Lab ID (ALS)	Sample Collection Information:																			7. NaHSO4						
	Sample ID:	Date	Time																	8. Other						
11	Drinking Fountain Adj. to Rm. B-15	04/24/25	5:32	DW			X																	Notes:		
12	D-11A - Braising Pan Faucet	04/24/25	4:10 A	DW			X																			
13	D-11A - Kitchen Island Sink Faucet	04/24/25	4:10 A	DW			X																			
14	D-11A - Braising Pan Faucet (5Min Flush)	04/24/25	4:15 A	DW			X																			
15	D-11A - Kitchen Island Sink Faucet (5Min Flush)	04/24/25	4:15 A	DW			X																			
16	D-4 - Faculty Break Room Sink Faucet	04/24/25	5:38	DW			X																			
17	D-4 - Faculty Break Room Instant Hot Water Dispenser	04/24/25	5:38 NA	DW			X																			
18	D-10 - Cafetorium Drinking Fountain	04/24/25	4:10 A	DW			X																			
				DW			X																			
				DW			X																			
Special Instructions / Comments:				Turnaround Requirements				Report Requirements				Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)														
				Rush (Surcharges Apply)				X Tier II/Cat A -Results/QC				VOA/SVOA Report List: TCL • BTEX • TCLP • CP-51/Stars •THM • Other:														
				Subject to Availability				Tier IV/Cat B - Data				Invoice To: (Same as Report To)														
				Please Check with your PM				Validation Report w/. Data				PO #: 7225-01793														
				Date Required:				EDD: Yes No				Company: Rush-Henrietta CSD														
								EDD Type:				Contact: Ken Nelson														
Relinquished By:		Received By:		Relinquished By:		Received By:		Relinquished By:		Received By:		Email: knelson@rhnet.org														
Signature												Phone: 585-738-8070														
Printed Name												Address:														
Company		Rush-Henrietta CSD										2034 Lehigh Station Rd. Henrietta, NY 14467														
Date/Time		4/24/25 8:38		4/24/25 8:38																						



Cooler Receipt and Preservation Check

R2504404

5

Rush-Henrietta Central School District
Sherman Intermediate School



Project/Client Rush-Henrietta CSD Folder Number _____

Cooler received on 4/24/25 by: HE

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y <u>(N)</u>
2	Custody papers properly completed (ink, signed)?	<u>(Y)</u> N
3	Did all bottles arrive in good condition (unbroken)?	Y <u>(N)</u>
4	Circle: Wet Ice Dry Ice Gel packs present?	Y <u>(N)</u>

5a	Did VOA vials have sig* bubbles?	Y N <u>(NA)</u>
5b	Sig* bubbles: Alk? Y N <u>(NA)</u> Sulfide? Y N <u>(NA)</u>	
6	Where did the bottles originate?	<u>ALS/ROC</u> CLIENT
7	Soil VOA received as: Bulk Encore 5035set <u>(NA)</u>	

8. Temperature Readings Date: 4/24/25 Time: 08:45 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Temp (°C)	<u>19.3</u>						
Within 0-6°C?	Y <u>(N)</u>	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: SMD by HE on 4/24/25 at 08:50
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 4/24/25 Time: 12:19 by: HE

- Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES (NO)
- 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
≥12		NaOH	Yes No						
≤2	<u>206302</u>	HNO ₃	<u>X</u>	<u>None</u>		<u>All</u>	<u>4ml each</u>	<u>239258</u>	<u>All 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: _____ *significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter



Miscellaneous Forms

ALS Environmental—Rochester Laboratory

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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.	+	Correlation coefficient for MSA is <0.995.
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).	N	Inorganics- Matrix spike recovery was outside laboratory limits.
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.	N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.	S	Concentration has been determined using Method of Standard Additions (MSA).
E	Organics- Concentration has exceeded the calibration range for that specific analysis.	W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
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.	P	Concentration >40% difference between the two GC columns.
*	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.	C	Confirmed by GC/MS
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.	Q	DoD reports: indicates a pesticide/Aroclor is not confirmed ($\geq 100\%$ Difference between two GC columns).
#	Spike was diluted out.	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: Sherman Intermediate School/

Service Request: R2504404

Sample Name: Sherman-1 C-6-Gym Women's Drinking
Lab Code: R2504404-001
Sample Matrix: Drinking Water

Date Collected: 04/24/25
Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-2 Drinking Fountain Adj. to Rm.
Lab Code: R2504404-002
Sample Matrix: Drinking Water

Date Collected: 04/24/25
Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-3 C-6-Gym Men's Drinking
Lab Code: R2504404-003
Sample Matrix: Drinking Water

Date Collected: 04/24/25
Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-4 F-Wing Drinking Fountain
Lab Code: R2504404-004
Sample Matrix: Drinking Water

Date Collected: 04/24/25
Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-5 F-Wing Bottle Filler
Lab Code: R2504404-005
Sample Matrix: Drinking Water

Date Collected: 04/24/25
Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Rush-Henrietta Central School District
Project: Sherman Intermediate School/

Service Request: R2504404

Sample Name: Sherman-6 F-Wing Drinking Fountain
Lab Code: R2504404-006
Sample Matrix: Drinking Water

Date Collected: 04/24/25
Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-7 A-5-Health Office Exam Room
Lab Code: R2504404-007
Sample Matrix: Drinking Water

Date Collected: 04/24/25
Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-8 A-5-Health Office Ice Maker
Lab Code: R2504404-008
Sample Matrix: Drinking Water

Date Collected: 04/24/25
Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-9 A-5-Health Office Main Sink
Lab Code: R2504404-009
Sample Matrix: Drinking Water

Date Collected: 04/24/25
Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-10 Drinking Fountain Opposite
Lab Code: R2504404-010
Sample Matrix: Drinking Water

Date Collected: 04/24/25
Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Rush-Henrietta Central School District
Project: Sherman Intermediate School/

Service Request: R2504404

Sample Name: Sherman-11 Drinking Fountain Adj. to
Lab Code: R2504404-011
Sample Matrix: Drinking Water

Date Collected: 04/24/25

Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-12 D-11A-Braising Pan Faucet
Lab Code: R2504404-012
Sample Matrix: Drinking Water

Date Collected: 04/24/25

Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-13 D-11A-Kitchen Island Sink
Lab Code: R2504404-013
Sample Matrix: Drinking Water

Date Collected: 04/24/25

Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-14 D-11A-Braising Pan Faucet
Lab Code: R2504404-014
Sample Matrix: Drinking Water

Date Collected: 04/24/25

Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-15 D-11A-Kitchen Island SInk
Lab Code: R2504404-015
Sample Matrix: Drinking Water

Date Collected: 04/24/25

Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Rush-Henrietta Central School District
Project: Sherman Intermediate School/

Service Request: R2504404

Sample Name: Sherman-16 D-4-Faculty Break Room
Lab Code: R2504404-016
Sample Matrix: Drinking Water

Date Collected: 04/24/25

Date Received: 04/24/25

Analysis Method
200.8

Extracted/Digested By

Analyzed By
MKASTAN

Sample Name: Sherman-18 D-10-Cafetorium Drinking
Lab Code: R2504404-018
Sample Matrix: Drinking Water

Date Collected: 04/24/25

Date Received: 04/24/25

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: Sherman Intermediate School
Sample Matrix: Drinking Water

Service Request: R2504404
Date Collected: 04/24/25 05:46
Date Received: 04/24/25 08:38

Sample Name: Sherman-1 C-6-Gym Women's Drinking Fountain
Lab Code: R2504404-001

Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.7	ug/L	1.0	1	04/28/25 14:43	

ALS Group USA, Corp.
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Analytical Report

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

Service Request: R2504404
Date Collected: 04/24/25 05:40
Date Received: 04/24/25 08:38

Sample Name: Sherman-2 Drinking Fountain Adj. to Rm. C-7
Lab Code: R2504404-002

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	04/28/25 14:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Rush-Henrietta Central School District

Project: Sherman Intermediate School

Sample Matrix: Drinking Water

Sample Name: Sherman-3 C-6-Gym Men's Drinking Fountain

Lab Code: R2504404-003

Service Request: R2504404

Date Collected: 04/24/25 05:46

Date Received: 04/24/25 08:38

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	04/28/25 14:50	

ALS Group USA, Corp.
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Analytical Report

Client: Rush-Henrietta Central School District
Project: Sherman Intermediate School
Sample Matrix: Drinking Water
Sample Name: Sherman-4 F-Wing Drinking Fountain Lower
Lab Code: R2504404-004

Service Request: R2504404
Date Collected: 04/24/25 05:49
Date Received: 04/24/25 08:38
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	04/28/25 14:52	

ALS Group USA, Corp.
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Analytical Report

Client: Rush-Henrietta Central School District
Project: Sherman Intermediate School
Sample Matrix: Drinking Water
Sample Name: Sherman-5 F-Wing Bottle Filler
Lab Code: R2504404-005

Service Request: R2504404
Date Collected: 04/24/25 05:45
Date Received: 04/24/25 08:38
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	04/28/25 14:54	

ALS Group USA, Corp.
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Analytical Report

Client: Rush-Henrietta Central School District
Project: Sherman Intermediate School
Sample Matrix: Drinking Water
Sample Name: Sherman-6 F-Wing Drinking Fountain Upper
Lab Code: R2504404-006

Service Request: R2504404
Date Collected: 04/24/25 05:49
Date Received: 04/24/25 08:38
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	04/28/25 14:56	

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Analytical Report

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

Service Request: R2504404
Date Collected: 04/24/25 05:53
Date Received: 04/24/25 08:38

Sample Name: Sherman-7 A-5-Health Office Exam Room Sink Faucet
Lab Code: R2504404-007

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	04/28/25 15:14	

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Analytical Report

Client: Rush-Henrietta Central School District
Project: Sherman Intermediate School
Sample Matrix: Drinking Water
Sample Name: Sherman-8 A-5-Health Office Ice Maker
Lab Code: R2504404-008

Service Request: R2504404
Date Collected: 04/24/25 05:53
Date Received: 04/24/25 08:38
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	04/28/25 15:20	

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Analytical Report

Client: Rush-Henrietta Central School District

Project: Sherman Intermediate School

Sample Matrix: Drinking Water

Sample Name: Sherman-9 A-5-Health Office Main Sink Faucet

Lab Code: R2504404-009

Service Request: R2504404

Date Collected: 04/24/25 05:53

Date Received: 04/24/25 08:38

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	04/28/25 15:22	

ALS Group USA, Corp.
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Analytical Report

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

Service Request: R2504404
Date Collected: 04/24/25 05:53
Date Received: 04/24/25 08:38

Sample Name: Sherman-10 Drinking Fountain Opposite Main Office
Lab Code: R2504404-010

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	04/28/25 15:23	

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Analytical Report

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

Service Request: R2504404
Date Collected: 04/24/25 05:32
Date Received: 04/24/25 08:38

Sample Name: Sherman-11 Drinking Fountain Adj. to Rm. B-15
Lab Code: R2504404-011

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	04/28/25 15:25	

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Analytical Report

Client: Rush-Henrietta Central School District
Project: Sherman Intermediate School
Sample Matrix: Drinking Water
Sample Name: Sherman-12 D-11A-Braising Pan Faucet
Lab Code: R2504404-012

Service Request: R2504404
Date Collected: 04/24/25 04:10
Date Received: 04/24/25 08:38
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	85.9	ug/L	1.0	1	04/28/25 15:27	

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Analytical Report

Client: Rush-Henrietta Central School District
Project: Sherman Intermediate School
Sample Matrix: Drinking Water
Sample Name: Sherman-13 D-11A-Kitchen Island Sink Faucet
Lab Code: R2504404-013

Service Request: R2504404
Date Collected: 04/24/25 04:10
Date Received: 04/24/25 08:38
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	9.5	ug/L	1.0	1	04/28/25 15:33	

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Analytical Report

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

Service Request: R2504404
Date Collected: 04/24/25 04:15
Date Received: 04/24/25 08:38

Sample Name: Sherman-14 D-11A-Braising Pan Faucet (5Min Flush)
Lab Code: R2504404-014

Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	3.9	ug/L	1.0	1	04/28/25 15:34	

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Analytical Report

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

Service Request: R2504404
Date Collected: 04/24/25 04:15
Date Received: 04/24/25 08:38

Sample Name: Sherman-15 D-11A-Kitchen Island SInk Faucet (5Min Flush)
Lab Code: R2504404-015

Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.2	ug/L	1.0	1	04/28/25 15:36	

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Analytical Report

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

Service Request: R2504404
Date Collected: 04/24/25 05:38
Date Received: 04/24/25 08:38

Sample Name: Sherman-16 D-4-Faculty Break Room Sink Faucet
Lab Code: R2504404-016

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	04/28/25 15:38	

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Analytical Report

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

Service Request: R2504404
Date Collected: 04/24/25 04:10
Date Received: 04/24/25 08:38

Sample Name: Sherman-18 D-10-Cafetorium Drinking Fountain
Lab Code: R2504404-018

Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	5.1	ug/L	1.0	1	04/28/25 15:40	



QC Summary Forms

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Analytical Report

Client: Rush-Henrietta Central School District
Project: Sherman Intermediate School
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2504404-MB1

Service Request: R2504404
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	04/28/25 14:05	

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Analytical Report

Client: Rush-Henrietta Central School District
Project: Sherman Intermediate School
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2504404-MB2

Service Request: R2504404
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	04/28/25 15:11	

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QA/QC Report

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

Service Request: R2504404
Date Collected: 04/24/25
Date Received: 04/24/25
Date Analyzed: 04/28/25

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: Sherman-6 F-Wing Drinking Fountain Upper
Lab Code: R2504404-006
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2504404-006MS		Result	Duplicate Matrix Spike R2504404-006DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	1.0 U	20.2	20.0	101	19.6	20.0	98	70-130	3	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

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

Service Request: R2504404
Date Collected: 04/24/25
Date Received: 04/24/25
Date Analyzed: 04/28/25

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: Sherman-7 A-5-Health Office Exam Room Sink
Faucet
Lab Code: R2504404-007
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2504404-007MS		Result	Duplicate Matrix Spike R2504404-007DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	1.0 U	19.7	20.0	98	20.5	20.0	103	70-130	4	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

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

Service Request: R2504404
Date Analyzed: 04/28/25

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2504404-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	19.0	20.0	95	85-115

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QA/QC Report

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

Service Request: R2504404
Date Analyzed: 04/28/25

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2504404-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.2	20.0	101	85-115