Stohl ENVIRONMENTAL BUFFALO ROCHESTER

3860 California Road
Orchard Park, New York 14127
(P) 716-312-0070 (F) 716-312-8092
www.stohlenvironmental.com

June 2, 2025

Michael Bryniarski
Director of Facilities
Lancaster Central School District
177 Central Avenue
Lancaster, New York 14086

Re: Follow Up Lead Testing in School Drinking Water

Dear Mr. Bryniarski:

Included with this letter is Stohl Environmental LLC's report for the Lead in Drinking Water Resampling performed for Lancaster Central School District including:

- High School – 1 Forton Drive, Lancaster, NY

This report is prepared to assist school districts in complying with the requirements of 10 NYCRR Subpart 67-4: *Lead Testing in School Drinking Water*, by identifying the sources of potable water with lead concentrations greater than the NYS "Action Level of 5 parts per billion (ppb)".

Recap of Initial Sampling and Analysis: In Compliance with NYS regulations, initial first draw water sampling was completed on June 4, 2024 and a total of 51 samples were identified as containing lead concentrations above the NYS Action Level of 5 ppb.

Mitigation by District and Follow-up Sampling by Stohl Environmental LLC:

- Following the receipt of initial sampling results on August 14, 2024, in accordance with guidance received from NYS, the District is reported to have prohibited use of the outlets analyzed as above the NYS Action Level of 5 ppb "(1) a lead remediation plan is implemented… and (2) test results indicate that the lead levels are at or below the action level".

- Subsequent to reported mitigation by the District, Stohl Environmental LLC was requested to perform follow-up sampling and laboratory analysis on 8 of the 51 outlets identified as containing lead concentrations above the NYS action level.

- Follow-up sampling was performed by Stohl Environmental LLC in accordance with the requirements and protocols outlined in NYS regulations, as well as USEPA Technical Guidance Document "3-T's for Reducing Lead in Drinking Water in Schools".

- Results of Follow-up Sampling: As detailed in Section 1.2 *(Executive Summary)* of the accompanying report, based upon the follow-up sampling and analysis performed, the following is reported:
    - Of the 11 outlets sampled during the post mitigation follow up on April 5, 2025:
        - 11 outlets were analyzed by a certified and independent laboratory as at or below the action level; thus cleared for use.

Thank you for the opportunity to be of service to Lancaster Central School District.

Sincerely,
Stohl Environmental, LLC.



Michael Scinta
EPA Lead Risk Assessor

Lead Testing in School Drinking Water

Prepared for:

Lancaster Central School District

Prepared by:

3860 California Road
Orchard Park, New York 14127

Conditions as of April 5, 2025

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Summary Tabulation

Lead in Drinking Water Investigation

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1.3. Response Actions Required Under NYS Regulations

1.4. Laboratory Analytical Reports and Chain of Custody Documents

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1.1 Scope of Work and Sampling Protocol:

Stohl Environmental was retained by Lancaster Central School District to perform sampling and analysis of potable water for lead concentrations. Sampling was performed in the following building:

- High School – 1 Forton Drive, Lancaster, New York

Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from outlets within the High School. Outlets are defined in NYS regulations as: "a potable water fixture currently or potentially used for drinking or cooking purposes, including but not limited to a bubbler, drinking fountain, or faucets".

Sampling Protocol:

In accordance with NYS regulations, ***Subpart 67-4: Lead Testing in School Drinking Water***, and the EPA guidance document, ***3Ts for Reducing Lead in Drinking Water in Schools***, Stohl Environmental's protocol can be summarized as follows:

- **First-draw samples** of 250 milliliters (mL) were collected from cold water outlets before any water was used. Sampling was coordinated with District representatives to assure that water was motionless in the pipes for a minimum of 8 hours, but not more than 18 hours before sample collection.

- **Laboratory Analysis:** Samples were submitted following strict chain-of-custody protocols to an independent laboratory approved by the NYS Department of Health's Environmental Laboratory Approval Program (ELAP).

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1.2 Executive Summary of Sampling and Analysis:

Summary of Samples Collected at the Main Building:

Building Name	Date of Sampling	Total Samples	At or Below Action Level*	Above Action Level*
High School	June 4, 2024	213	162	51
	April 5, 2025	11	11	0

**NYS Action Level is 5 parts per billion*

Listing of Outlets Requiring Remediation

The following outlets were analyzed above the NYS Action Level:

Sample #	Location	Fixture/Outlet Type	Laboratory Analysis (in ppb)	
			6/4/24	4/5/25
104.1-2	Kitchen Single Bay	Sink	17.9	<1 – Cleared
104.1-4	Kitchen Dishwash 3 Bay Right	Sink	11.0	–
104.1-5	Kitchen Center Single Bay	Sink	13.2	<1 – Cleared
104.1-12	Dish Room Sink Right	Sink	17.3	<1 – Cleared
104.1-13A	Faculty Dining Room	Drinking Fountain	15.4	<1 – Cleared
104.1-36	Boys Pool Locker Room	Sink	33.5	–
104.1-38	Boys Vestibule Lav	Sink	6.4	–
104.1-40	Technology Room 167 Center	Sink	15.3	–
104.1-41	Technology Room 167 Right	Sink	11.5	–
104.1-43	Technology Room 166 center	Sink	7.2	–
104.1-52	Boys Field House Locker Room 1 Left	Sink	6.5	–
104.1-101A	Art Room 147 Hallway	Drinking Fountain	6.0	<1 – Cleared
104.1-101B		Bottle Fill	Note 1	<1 – Cleared
104.1-102	Art Room 147 Left	Sink	20.5	–
104.1-103	Art Room 147 Right	Sink	7.4	–
104.1-108	Room 143 Hallway Women's Fac Lav Left	Sink	7.1	–
104.1-110	Room 143 Hallway Men's Fac Left	Sink	6.3	–
104.1-111	Credit Union 140	Sink	27.6	–
104.1-114	Girls Lav G7 Left	Sink	5.1	–
104.1-117	Room 141 Left	Sink	8.6	–
104.1-119	Room 138A	Sink	20.4	–
104.1-120	Room 136A	Sink	7.5	–

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Sample #	Location	Fixture/Outlet Type	Laboratory Analysis (in ppb)	
			6/4/24	4/5/25
104.1-123A	Fitness Center/Pool Hallway	Drinking Fountain	17.0	<1 – Cleared
104.1-123B		Bottle Fill	Note 1	<1 – Cleared
104.1-124	Girls Pool Locker Room	Bubbler	20.7	–
104.1-125	Girls Pool Locker Room	Sink	10.8	–
104.1-136	Principal's Office Lav	Sink	9.0	–
104.1-144	Ladies Lav G3 Left	Sink	5.5	–
104.1-149	Men's Lav B3 Right	Sink	5.3	–
104.1-150	Room 111A (Office Area)	Sink	6.0	–
104.1-155	S11/S12 Prep Room	Sink	21.1	–
104.1-156A	S13 Hallway	Drinking Fountain	15.1	<1 – Cleared
104.1-156B		Bottle Fill	Note 1	<1 – Cleared
104.1-161	Room 128A	Sink	9.2	–
104.1-164	Girls Lav G5 Left	Sink	17.7	–
104.1-167	Room 128 Left	Sink	14.7	–
104.1-168	Room 128 Right	Sink	12.4	–
104.1-169	Room 130A	Sink	6.9	–
104.1-171	Room 129 Back	Sink	29.8	–
104.1-172	Room 131A	Sink	12.2	–
104.1-173	Room 130 Left Wall Left Sink	Sink	73.0	–
104.1-174	Room 130 Left Wall Center Sink	Sink	14.7	–
104.1-175	Room 130 Left Wall Right Sink	Sink	11.3	–
104.1-176	Room 130 Back Wall Left Sink	Sink	56.0	–
104.1-177	Room 130 Back Wall Middle Sink	Sink	20.3	–
104.1-178	Room 130 Back Wall Right Sink	Sink	16.2	–
104.1-188	2nd Floor North Women's Fac Lav Left	Sink	44.7	–
104.1-189	2nd Floor North Women's Fac Lav Left Center	Sink	15.1	–
104.1-190	2nd Floor North Women's Fac Lav Right Center	Sink	5.2	–
104.1-225	Room 216	Sink	11.3	–
104.1-228	Basement Rifle Range Hallway	Sink	11.7	–
104.1-229	Basement Rifle Range Hallway	Drinking Fountain	9.2	<1 – Cleared
104.1-230	Basement Laundry Room	Sink	9.4	–
104.1-231	Basement Staff Lav	Sink	5.7	–

Note 1: Drinking fountain was replaced by a Drinking Fountain/ Bottle Fill combination fixture

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1.3 Response Actions Required Under NYS Regulations, Section 67-4.4:

All the locations sampled were analyzed at less than the NYS Action Level of 5 ppb, therefore no further response action is required.

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1.4 Laboratory Analytical Reports and Chain of Custody Documents

April 16, 2025 Service Request No:R2503847

Michael Scinta
Stohl Environmental
3860 California Road
Orchard Park, NY 14219

Laboratory Results for: Lancaster CSD Lancaster HS

Dear Michael,

Enclosed are the results of the sample(s) submitted to our laboratory April 09, 2025
For your reference, these analyses have been assigned our service request number **R2503847.**

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 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental



Meghan Pedro
Project Manager

CC: Rebecca
Franjoine

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: Stohl Environmental
Project: Lancaster CSD Lancaster HS
Sample Matrix: Drinking Water

Service Request: R2503847
Date Received: 04/09/2025

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:

Eleven drinking water samples were received for analysis at ALS Environmental on 04/09/2025. 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 04/16/2025

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: Stohl Environmental **Service Request:**R2503847

Project: Lancaster CSD Lancaster HS/2023L-104.1

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2503847-001	104.1-2	4/5/2025	0815
R2503847-002	104.1-5	4/5/2025	0816
R2503847-003	104.1-12	4/5/2025	0817
R2503847-004	104.1-13A	4/5/2025	0818
R2503847-005	104.1-101A	4/5/2025	0825
R2503847-006	104.1-101B	4/5/2025	0825
R2503847-007	104.1-123A	4/5/2025	0820
R2503847-008	104.1-123B	4/5/2025	0820
R2503847-009	104.1-156A	4/5/2025	0825
R2503847-010	104.1-156B	4/5/2025	0825
R2503847-011	104.1-229	4/5/2025	0830

Stohl ENVIRONMENTAL

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Chain of Custody Document

Submitted to: (Lab Name) ALS

STOHL Job # 2023L-104.1

R2503847 5
Stohl Environmental
Lancaster CSD Lancaster HS

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Lancaster HS Location: 1 Forton Drive Lancaster, NY 14086

LEAD		Turnaround
Water by 200.8	X	20 Days

Sample #	Location	Outlet Type	Time
104.1-2	Kitchen Single Bay	Sink	8:15
104.1-5	Kitchen Center Single Bay	Sink	8:16
104.1-12	Dish Room Sink Right	Sink	8:17
104.1-13A	Faculty Dining Room	Drinking Fountain	8:18
104.1-101A	Art Room 147 Hallway	Drinking Fountain	8:25
104.1-101B	Art Room 147 Hallway	Bottle Fill	8:25
104.1-123A	Fitness Center/Pool Hallway	Drinking Fountain	8:20
104.1-123B	Fitness Center/Pool Hallway	Bottle Fill	8:20
104.1-156A	S13 Hallway	Drinking Fountain	8:25
104.1-156B	S13 Hallway	Bottle Fill	8:25
104.1-229	Basement Rifle Range Hallway	Drinking Fountain	8:30

Notes:
Please e-mail lab results to labs@stohlenv.com ☑ If checked, also e-mail results to: Rfranjoine@stohlenvironmental.com

Sampled By: Rebecca Franjoine Print Name Stohl Env: Rebecca Franjoine Date: 4/5/2025

Relinquished By: Rebecca Franjoine Print Name Stohl Env: Rebecca Franjoine Date: 4/9/2025

Received (Name / Lab): Date: 4/9/25 Time: 1730

Sample Login (Name / Lab): Date: Time:

Analysis (Name / Lab): Date: Time:

QA/QC Review (Name / Lab): Date: Time:

Archived / Released: QA/QC InterLAB Use: Date: Time:

Page 1 of 1

Cooler Receipt and Preservation Check Form

R2503847 5
Stohl Environmental
Lancaster CSD Lancaster HS

Project/Client STOHL Folder Number

Cooler received on 4/9/25 by: RDA COURIER: ALS UPS FEDEX VELOCITY CLIENT

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

8. Temperature Readings Date: 4/9/25 Time: 1754 ID: IR#12 (IR#11) From: Temp Blank Sample Bottle

Temp (°C)	20.1						
Within 0-6°C?	Y (N)	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: ROOT by RDA on 4/9/25 at 1801
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 4/11/25 Time: 11:03 by: MM

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES (NO)
10. Did all bottle labels and tags agree with custody papers? YES (NO)
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. 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? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2	204524	HNO_3		x	N/A		All	4mL	239258	≤2
≤2		H_2SO_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 $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-			**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).			
		HCl	**	**						

Bottle lot numbers: 111824-2ADD
Explain all Discrepancies/ Other Comments:

* Metal sample does not require ice

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: MM *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

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

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/Arclors).
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 (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: 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 Accreditations[1]

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.

Client: Stohl Environmental **Service Request:** R2503847
Project: Lancaster CSD Lancaster HS/2023L-104.1

Sample Name: 104.1-2 **Date Collected:** 04/5/25
Lab Code: R2503847-001 **Date Received:** 04/9/25
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MKASTAN

Sample Name: 104.1-5 **Date Collected:** 04/5/25
Lab Code: R2503847-002 **Date Received:** 04/9/25
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MKASTAN

Sample Name: 104.1-12 **Date Collected:** 04/5/25
Lab Code: R2503847-003 **Date Received:** 04/9/25
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MKASTAN

Sample Name: 104.1-13A **Date Collected:** 04/5/25
Lab Code: R2503847-004 **Date Received:** 04/9/25
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MKASTAN

Sample Name: 104.1-101A **Date Collected:** 04/5/25
Lab Code: R2503847-005 **Date Received:** 04/9/25
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MKASTAN

Client: Stohl Environmental **Service Request:** R2503847
Project: Lancaster CSD Lancaster HS/2023L-104.1

Sample Name: 104.1-101B **Date Collected:** 04/5/25
Lab Code: R2503847-006 **Date Received:** 04/9/25
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MKASTAN

Sample Name: 104.1-123A **Date Collected:** 04/5/25
Lab Code: R2503847-007 **Date Received:** 04/9/25
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MKASTAN

Sample Name: 104.1-123B **Date Collected:** 04/5/25
Lab Code: R2503847-008 **Date Received:** 04/9/25
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MKASTAN

Sample Name: 104.1-156A **Date Collected:** 04/5/25
Lab Code: R2503847-009 **Date Received:** 04/9/25
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MKASTAN

Sample Name: 104.1-156B **Date Collected:** 04/5/25
Lab Code: R2503847-010 **Date Received:** 04/9/25
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MKASTAN

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1		

Sample Name:	104.1-229	**Date Collected:**	04/5/25
Lab Code:	R2503847-011	**Date Received:**	04/9/25
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		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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www.alsglobal.com

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25 08:15
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25 17:30
Sample Name:	104.1-2	**Basis:**	NA
Lab Code:	R2503847-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 17:03	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25 08:16
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25 17:30
Sample Name:	104.1-5	**Basis:**	NA
Lab Code:	R2503847-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 17:04	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25 08:17
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25 17:30
Sample Name:	104.1-12	**Basis:**	NA
Lab Code:	R2503847-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 17:09	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25 08:18
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25 17:30
Sample Name:	104.1-13A	**Basis:**	NA
Lab Code:	R2503847-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 17:10	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25 08:25
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25 17:30
Sample Name:	104.1-101A	**Basis:**	NA
Lab Code:	R2503847-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 17:12	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25 08:25
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25 17:30
Sample Name:	104.1-101B	**Basis:**	NA
Lab Code:	R2503847-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 17:13	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25 08:20
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25 17:30
Sample Name:	104.1-123A	**Basis:**	NA
Lab Code:	R2503847-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 17:24	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25 08:20
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25 17:30
Sample Name:	104.1-123B	**Basis:**	NA
Lab Code:	R2503847-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 17:29	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25 08:25
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25 17:30
Sample Name:	104.1-156A	**Basis:**	NA
Lab Code:	R2503847-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 17:30	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25 08:25
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25 17:30
Sample Name:	104.1-156B	**Basis:**	NA
Lab Code:	R2503847-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 17:32	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25 08:30
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25 17:30
Sample Name:	104.1-229	**Basis:**	NA
Lab Code:	R2503847-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 17:33	

QC Summary Forms

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Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	NA
Sample Matrix:	Drinking Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R2503847-MB1		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 16:33	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	NA
Sample Matrix:	Drinking Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R2503847-MB2		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	04/15/25 17:21	

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25
		Date Analyzed:	04/15/25

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-101B	**Units:**	ug/L
Lab Code:	R2503847-006	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2503847-006MS			R2503847-006DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	ND U	18.0	20.0	90	17.4	20.0	87	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.

Client:	Stohl Environmental	**Service Request:**	R2503847
Project:	Lancaster CSD Lancaster HS/2023L-104.1	**Date Collected:**	04/05/25
Sample Matrix:	Drinking Water	**Date Received:**	04/09/25
		Date Analyzed:	04/15/25

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-123A	**Units:**	ug/L
Lab Code:	R2503847-007	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2503847-007MS			R2503847-007DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	ND U	18.0	20.0	90	18.4	20.0	92	70-130	2	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.

Client: Stohl Environmental
Project: Lancaster CSD Lancaster HS/2023L-104.1
Sample Matrix: Drinking Water

Service Request: R2503847
Date Analyzed: 04/15/25

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2503847-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.1	20.0	100	85-115

Client: Stohl Environmental
Project: Lancaster CSD Lancaster HS/2023L-104.1
Sample Matrix: Drinking Water

Service Request: R2503847
Date Analyzed: 04/15/25

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2503847-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.0	20.0	100	85-115

1.5 Laboratory Certifications

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2025
Issued April 01, 2024

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE
Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. CHRISTINE KUTZER
ALS ENVIRONMENTAL - ROCHESTER
1565 JEFFERSON ROAD BUILDING 300, SUITE 360
ROCHESTER, NY 14623

NY Lab Id No: 10145

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Bacteriology	
Coliform, Total / E. coli (Qualitative)	SM 20, 21-23 9223B (-04) (Colilert)
Disinfection By-products	
Bromide	EPA 300.0 Rev. 2.1
Dissolved Gases	
Acetylene	RSK-175
Ethane	RSK-175
Ethene (Ethylene)	RSK-175
Methane	RSK-175
Propane	RSK-175
Fuel Additives	
Methyl tert-butyl ether	EPA 524.2
Naphthalene	EPA 524.2
Metals I	
Arsenic, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.8 Rev. 5.4
Cadmium, Total	EPA 200.8 Rev. 5.4
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Copper, Total	EPA 200.8 Rev. 5.4
Iron, Total	EPA 200.7 Rev. 4.4
Lead, Total	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Mercury, Total	EPA 245.1 Rev. 3.0
Selenium, Total	EPA 200.8 Rev. 5.4
Silver, Total	EPA 200.7 Rev. 4.4

Serial No.: 68402

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