Stohl BUFFALO ROCHESTER ENVIRONMENTAL

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

August 14, 2024

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

Re: 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 Sampling performed for Lancaster Central School District, including:

- Central Avenue Building – 149 Central Avenue, Lancaster, New York

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)".

Sampling was performed on June 7, 2024. As detailed in Section 1.2 *(Executive Summary)* of the accompanying report, based upon the sampling and analysis performed, 17 sources of potable water in the Central Avenue Building have been identified as having lead concentrations in water above the NYS Action Level of 5 parts per billion. To comply with NYS regulations, response actions by the district are required. Response actions are outlined in Section 1.3 *(Response Actions Required Under NYS Regulations).*

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

Sincerely,
Stohl Environmental, LLC.

M. Scinta

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 June 7, 2024

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Summary Tabulation

Lead in Drinking Water Investigation

1.1. Scope of Work and Sampling Protocol

1.2. Executive Summary of Sampling and Analysis

1.3. Response Actions Required Under NYS Regulations

1.4. Laboratory Analytical Reports and Chain of Custody Documents

1.5. Laboratory Certifications

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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:

- Central Avenue Building – 149 Central Avenue, Lancaster, New York

Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from outlets within the Central Avenue Building. 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 Central Avenue Building:

Building Name	Date of Sampling	Total Samples	At or Below Action Level*	Above Action Level*
Central Avenue Building	June 7, 2024	48	31	17

**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)
104.10-1	Kitchen Sink	Sink	8.7
104.10-4	Board Room Lav	Sink	5.5
104.10-16	Room 108	Sink	8.7
104.10-20	Room 119	Sink	14.8
104.10-22	Boys Locker Room	Sink	8.8
104.10-23	Girls Locker Room	Sink	6.1
104.10-24	Room 125	Sink	13.8
104.10-28	Lav Near Room 127	Sink	6.0
104.10-29	Women's Lav Close to Door	Sink	46.7
104.10-30	Women's Lav - center Right	Sink	23.5
104.10-31	Women's Lav center left	Sink	7.4
104.10-33	Men's Lav Close to Door	Sink	9.3
104.10-34	Men's Lav Center Right	Sink	8.6
104.10-35	Men's Lav Center Left	Sink	12.1
104.10-36	Men's Lav Close to Window	Sink	6.4
104.10-37	Room 135	Sink	49.9
104.10-42	Room 131	Sink	40.2

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

For outlets analyzed with a lead concentration more than the NYS Action Level, regulations require:

(a) Prohibit use of the outlet until:

(1) a lead remediation plan is implemented to mitigate the lead level of such outlet; and

(2) test results indicate that the lead levels are at or below the action level;

(b) Provide building occupants with an adequate supply of potable water for drinking and cooking until remediation is performed;

(c) Report the test results to the local health department as soon as practicable, but no more than 1 business day after the school received the laboratory report; and

(d) Notify all staff and all persons in parental relation to students of the test results, in writing, as soon as practicable but no more than 10 business days after the school received the laboratory report.

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1.4 Laboratory Analytical Reports and Chain of Custody Documents

June 28, 2024 Service Request No:R2405046

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

Laboratory Results for: Lancaster CSD - Central Avenue

Dear Michael,

Enclosed are the results of the sample(s) submitted to our laboratory June 07, 2024
For your reference, these analyses have been assigned our service request number **R2405046.**

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

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

1565 Jefferson Rd, Building 300, Rochester, NY 14623 | 585-288-5380 | www.alsglobal.com

Client: Stohl Environmental
Project: Lancaster CSD - Central Avenue
Sample Matrix: Drinking Water

Service Request: R2405046
Date Received: 06/07/2024

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:

Thirty six drinking water samples were received for analysis at ALS Environmental on 06/07/2024. 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 06/28/2024

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: 104.10-1	Lab ID: R2405046-001					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	8.7			1.0	ug/L	200.8

CLIENT ID: 104.10-3	Lab ID: R2405046-003					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.0			1.0	ug/L	200.8

CLIENT ID: 104.10-4	Lab ID: R2405046-004					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	5.5			1.0	ug/L	200.8

CLIENT ID: 104.10-6	Lab ID: R2405046-006					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.7			1.0	ug/L	200.8

CLIENT ID: 104.10-7	Lab ID: R2405046-007					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.9			1.0	ug/L	200.8

CLIENT ID: 104.10-8	Lab ID: R2405046-008					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.2			1.0	ug/L	200.8

CLIENT ID: 104.10-9	Lab ID: R2405046-009					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.4			1.0	ug/L	200.8

CLIENT ID: 104.10-10	Lab ID: R2405046-010					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.2			1.0	ug/L	200.8

CLIENT ID: 104.10-11	Lab ID: R2405046-011					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.0			1.0	ug/L	200.8

CLIENT ID: 104.10-14	Lab ID: R2405046-015					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.3			1.0	ug/L	200.8

CLIENT ID: 104.10-15	Lab ID: R2405046-016					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.2			1.0	ug/L	200.8

CLIENT ID: 104.10-16	Lab ID: R2405046-017					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	8.7			1.0	ug/L	200.8

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: 104.10-17			Lab ID: R2405046-018			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.9			1.0	ug/L	200.8

CLIENT ID: 104.10-18			Lab ID: R2405046-019			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	5.0			1.0	ug/L	200.8

CLIENT ID: 104.10-19			Lab ID: R2405046-020			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.7			1.0	ug/L	200.8

CLIENT ID: 104.10-20			Lab ID: R2405046-021			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	14.8			1.0	ug/L	200.8

CLIENT ID: 104.10-22			Lab ID: R2405046-024			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	8.8			1.0	ug/L	200.8

CLIENT ID: 104.10-23			Lab ID: R2405046-025			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	6.1			1.0	ug/L	200.8

CLIENT ID: 104.10-24			Lab ID: R2405046-026			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	13.8			1.0	ug/L	200.8

CLIENT ID: 104.10-25			Lab ID: R2405046-027			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.7			1.0	ug/L	200.8

CLIENT ID: 104.10-26			Lab ID: R2405046-028			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.2			1.0	ug/L	200.8

CLIENT ID: 104.10-27			Lab ID: R2405046-029			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.5			1.0	ug/L	200.8

CLIENT ID: 104.10-28			Lab ID: R2405046-030			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	6.0			1.0	ug/L	200.8

CLIENT ID: 104.10-29			Lab ID: R2405046-031			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	46.7			1.0	ug/L	200.8

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: 104.10-30			Lab ID: R2405046-032			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	23.5			1.0	ug/L	200.8

CLIENT ID: 104.10-31			Lab ID: R2405046-033			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	7.4			1.0	ug/L	200.8

CLIENT ID: 104.10-33			Lab ID: R2405046-035			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	9.3			1.0	ug/L	200.8

CLIENT ID: 104.10-34			Lab ID: R2405046-036			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	8.6			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: Stohl Environmental **Service Request:**R2405046
Project: Lancaster CSD - Central Avenue/2023-104.10

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2405046-001	104.10-1	6/7/2024	0200
R2405046-002	104.10-2	6/7/2024	0201
R2405046-003	104.10-3	6/7/2024	0202
R2405046-004	104.10-4	6/7/2024	0203
R2405046-005	104.10-5	6/7/2024	0204
R2405046-006	104.10-6	6/7/2024	0205
R2405046-007	104.10-7	6/7/2024	0206
R2405046-008	104.10-8	6/7/2024	0207
R2405046-009	104.10-9	6/7/2024	0208
R2405046-010	104.10-10	6/7/2024	0209
R2405046-011	104.10-11	6/7/2024	0210
R2405046-012	104.10-12	6/7/2024	0211
R2405046-013	104.10-13A	6/7/2024	0212
R2405046-014	104.10-13B	6/7/2024	0213
R2405046-015	104.10-14	6/7/2024	0214
R2405046-016	104.10-15	6/7/2024	0215
R2405046-017	104.10-16	6/7/2024	0216
R2405046-018	104.10-17	6/7/2024	0217
R2405046-019	104.10-18	6/7/2024	0218
R2405046-020	104.10-19	6/7/2024	0219
R2405046-021	104.10-20	6/7/2024	0220
R2405046-022	104.10-21A	6/7/2024	0221
R2405046-023	104.10-21B	6/7/2024	0222
R2405046-024	104.10-22	6/7/2024	0223
R2405046-025	104.10-23	6/7/2024	0224
R2405046-026	104.10-24	6/7/2024	0225
R2405046-027	104.10-25	6/7/2024	0226
R2405046-028	104.10-26	6/7/2024	0227
R2405046-029	104.10-27	6/7/2024	0228
R2405046-030	104.10-28	6/7/2024	0229
R2405046-031	104.10-29	6/7/2024	0230
R2405046-032	104.10-30	6/7/2024	0231
R2405046-033	104.10-31	6/7/2024	0232
R2405046-034	104.10-32	6/7/2024	0233
R2405046-035	104.10-33	6/7/2024	0234
R2405046-036	104.10-34	6/7/2024	0235

Chain of Custody Document

Stohl ENVIRONMENTAL
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WWW.STOHLENVIRONMENTAL.COM

Submitted to: (Lab Name) ALS

STOHL Job # 2023-104.10

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Central Avenue Location: 149 Central Ave Lancaster, NY 14086

LEAD

Water by 200.8 X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
104.10-1	Kitchen Sink	Sink	2:00
104.10-2	Kitchen Ice Machine	Ice Machine	2:01
104.10-3	Board Room	Sink	2:02
104.10-4	Board Room Lav	Sink	2:03
104.10-5	Room 105	Sink	2:04
104.10-6	Room 105 Lav	Sink	2:05
104.10-7	Room 106	Sink	2:06
104.10-8	Room 106 Lav	Sink	2:07
104.10-9	Girls Lav Near Toilet	Sink	2:08
104.10-10	Girls Lav Near Window	Sink	2:09
104.10-11	Boys Lav Near Toilet	Sink	2:10
104.10-12	Boys Lav Near Window	Sink	2:11
104.10-13A	Fountain Outside Lavs	Drinking Fountain	2:12
104.10-13B	Fountain Outside Lavs	Bottle Fill	2:13
104.10-14	Room 107	Sink	2:14
104.10-15	Room 110	Sink	2:15
104.10-16	Room 108	Sink	2:16
104.10-17	Room 109	Sink	2:17

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

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/7/2024

Relinquished By: Rebecca Franjoine Print Name Stohl Env: Rebecca Franjoine Date: 6/7/2024

Received (Name / Lab): Matthew ALS Date: 6/7/24 Time: 16:40

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:

R2405046 5
Stohl Environmental
Lancaster CSD - Central Avenue

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Chain of Custody Document

Submitted to: (Lab Name) ALS

STOHL Job # 2023-104.10

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Central Avenue Location: 149 Central Ave Lancaster, NY 14086

LEAD		Turnaround
Water by 200.8	X	10 Days

Sample #	Location	Outlet Type	Time
104.10-18	Room 116	Sink	2:18
104.10-19	Room 117	Sink	2:19
104.10-20	Room 119	Sink	2:20
104.10-21A	Fountain Outside Room 126	Drinking Fountain	2:21
104.10-21B	Fountain Outside Room 126	Bottle Fill	2:22
104.10-22	Boys Locker Room	Sink	2:23
104.10-23	Girls Locker Room	Sink	2:24
104.10-24	Room 125	Sink	2:25
104.10-25	Room 125 Lav	Sink	2:26
104.10-26	Room 126	Sink	2:27
104.10-27	Room 127	Sink	2:28
104.10-28	Lav Near Room 127	Sink	2:29
104.10-29	Women's Lav Close to Door	Sink	2:30
104.10-30	Women's Lav - center Right	SInk	2:31
104.10-31	Women's Lav center left	Sink	2:32
104.10-32	Women's Lav Close to Window	Sink	2:33
104.10-33	Men's Lav Close to Door	Sink	2:34
104.10-34	Men's Lav Center Right	Sink	2:35

Notes:
Please e-mail lab results to labs@stohlenv.com Rfranjoine@stohlenvironmental.com

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/7/2024

Relinquished By: Rebecca Franjoine Print Name Stohl Env: Rebecca Franjoine Date: 6/7/2024

Received (Name / Lab): Matt Lang ALS Date: 6/7/24 Time: 16:40

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:

R2405046 5
Stohl Environmental
Lancaster CSD - Central Avenue

Cooler Receipt and Preservation Check Form

Project/Client Stohl Folder Number

Cooler received on 6/7/24 by: [illegible]

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	(N/A)

8. Temperature Readings Date: 6/7 Time: 1645 ID: IR#12 (IR#1) From: Temp Blank Sample Bottle

Temp (°C)	19.9						
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: Stor by [illegible] on 6/7 at 1700
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 10/10/24 Time: 1500 by: SES

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES (NO) no time/date
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	221523	HNO_3		√	none →		all	4ml	233024	<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: 440522000
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FI.DT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: SES *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
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:** R2405046
Project: Lancaster CSD - Central Avenue/2023-104.10

Sample Name: 104.10-1 **Date Collected:** 06/7/24
Lab Code: R2405046-001 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-2 **Date Collected:** 06/7/24
Lab Code: R2405046-002 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-3 **Date Collected:** 06/7/24
Lab Code: R2405046-003 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-4 **Date Collected:** 06/7/24
Lab Code: R2405046-004 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-5 **Date Collected:** 06/7/24
Lab Code: R2405046-005 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405046
Project: Lancaster CSD - Central Avenue/2023-104.10

Sample Name: 104.10-6 **Date Collected:** 06/7/24
Lab Code: R2405046-006 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-7 **Date Collected:** 06/7/24
Lab Code: R2405046-007 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-8 **Date Collected:** 06/7/24
Lab Code: R2405046-008 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-9 **Date Collected:** 06/7/24
Lab Code: R2405046-009 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-10 **Date Collected:** 06/7/24
Lab Code: R2405046-010 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405046
Project: Lancaster CSD - Central Avenue/2023-104.10

Sample Name: 104.10-11 **Date Collected:** 06/7/24
Lab Code: R2405046-011 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-12 **Date Collected:** 06/7/24
Lab Code: R2405046-012 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-13A **Date Collected:** 06/7/24
Lab Code: R2405046-013 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-13B **Date Collected:** 06/7/24
Lab Code: R2405046-014 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-14 **Date Collected:** 06/7/24
Lab Code: R2405046-015 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405046
Project: Lancaster CSD - Central Avenue/2023-104.10

Sample Name: 104.10-15 **Date Collected:** 06/7/24
Lab Code: R2405046-016 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-16 **Date Collected:** 06/7/24
Lab Code: R2405046-017 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-17 **Date Collected:** 06/7/24
Lab Code: R2405046-018 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-18 **Date Collected:** 06/7/24
Lab Code: R2405046-019 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-19 **Date Collected:** 06/7/24
Lab Code: R2405046-020 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405046
Project: Lancaster CSD - Central Avenue/2023-104.10

Sample Name: 104.10-20 **Date Collected:** 06/7/24
Lab Code: R2405046-021 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-21A **Date Collected:** 06/7/24
Lab Code: R2405046-022 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-21B **Date Collected:** 06/7/24
Lab Code: R2405046-023 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-22 **Date Collected:** 06/7/24
Lab Code: R2405046-024 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8	CDISTEFANO	MMCMAHON

Sample Name: 104.10-23 **Date Collected:** 06/7/24
Lab Code: R2405046-025 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405046
Project: Lancaster CSD - Central Avenue/2023-104.10

Sample Name: 104.10-24 **Date Collected:** 06/7/24
Lab Code: R2405046-026 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-25 **Date Collected:** 06/7/24
Lab Code: R2405046-027 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-26 **Date Collected:** 06/7/24
Lab Code: R2405046-028 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-27 **Date Collected:** 06/7/24
Lab Code: R2405046-029 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-28 **Date Collected:** 06/7/24
Lab Code: R2405046-030 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405046
Project: Lancaster CSD - Central Avenue/2023-104.10

Sample Name: 104.10-29 **Date Collected:** 06/7/24
Lab Code: R2405046-031 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-30 **Date Collected:** 06/7/24
Lab Code: R2405046-032 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-31 **Date Collected:** 06/7/24
Lab Code: R2405046-033 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-32 **Date Collected:** 06/7/24
Lab Code: R2405046-034 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-33 **Date Collected:** 06/7/24
Lab Code: R2405046-035 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10		

Sample Name:	104.10-34	**Date Collected:**	06/7/24
Lab Code:	R2405046-036	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

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

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

Metals

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

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:00
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-1	**Basis:**	NA
Lab Code:	R2405046-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**8.7**	ug/L	1.0	1	06/22/24 21:02	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:01
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-2	**Basis:**	NA
Lab Code:	R2405046-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/22/24 21:04	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:02
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-3	**Basis:**	NA
Lab Code:	R2405046-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.0**	ug/L	1.0	1	06/22/24 21:23	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:03
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-4	**Basis:**	NA
Lab Code:	R2405046-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**5.5**	ug/L	1.0	1	06/22/24 21:29	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:04
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-5	**Basis:**	NA
Lab Code:	R2405046-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/22/24 21:31	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:05
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-6	**Basis:**	NA
Lab Code:	R2405046-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.7**	ug/L	1.0	1	06/22/24 21:33	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:06
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-7	**Basis:**	NA
Lab Code:	R2405046-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.9**	ug/L	1.0	1	06/22/24 21:35	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:07
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-8	**Basis:**	NA
Lab Code:	R2405046-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.2**	ug/L	1.0	1	06/22/24 21:37	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:08
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-9	**Basis:**	NA
Lab Code:	R2405046-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.4**	ug/L	1.0	1	06/22/24 21:42	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:09
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-10	**Basis:**	NA
Lab Code:	R2405046-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.2**	ug/L	1.0	1	06/22/24 21:44	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:10
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-11	**Basis:**	NA
Lab Code:	R2405046-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.0**	ug/L	1.0	1	06/22/24 21:46	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:11
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-12	**Basis:**	NA
Lab Code:	R2405046-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/22/24 21:48	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:12
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-13A	**Basis:**	NA
Lab Code:	R2405046-013		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/22/24 21:50	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:13
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-13B	**Basis:**	NA
Lab Code:	R2405046-014		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/22/24 21:52	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:14
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-14	**Basis:**	NA
Lab Code:	R2405046-015		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.3**	ug/L	1.0	1	06/22/24 21:54	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:15
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-15	**Basis:**	NA
Lab Code:	R2405046-016		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.2**	ug/L	1.0	1	06/22/24 21:56	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:16
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-16	**Basis:**	NA
Lab Code:	R2405046-017		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**8.7**	ug/L	1.0	1	06/22/24 21:58	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:17
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-17	**Basis:**	NA
Lab Code:	R2405046-018		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.9**	ug/L	1.0	1	06/22/24 21:59	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:18
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-18	**Basis:**	NA
Lab Code:	R2405046-019		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**5.0**	ug/L	1.0	1	06/22/24 22:05	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:19
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-19	**Basis:**	NA
Lab Code:	R2405046-020		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.7**	ug/L	1.0	1	06/22/24 22:07	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:20
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-20	**Basis:**	NA
Lab Code:	R2405046-021		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**14.8**	ug/L	1.0	1	06/22/24 22:09	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:21
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-21A	**Basis:**	NA
Lab Code:	R2405046-022		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/22/24 22:11	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:22
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-21B	**Basis:**	NA
Lab Code:	R2405046-023		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/24/24 12:43	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:23
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-22	**Basis:**	NA
Lab Code:	R2405046-024		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead, Total	200.8	**8.8**	ug/L	1.0	1	06/26/24 12:27	06/25/24	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-23	**Basis:**	NA
Lab Code:	R2405046-025		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**6.1**	ug/L	1.0	1	06/24/24 12:49	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:25
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-24	**Basis:**	NA
Lab Code:	R2405046-026		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**13.8**	ug/L	1.0	1	06/24/24 12:50	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:26
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-25	**Basis:**	NA
Lab Code:	R2405046-027		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.7**	ug/L	1.0	1	06/24/24 12:52	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:27
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-26	**Basis:**	NA
Lab Code:	R2405046-028		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.2**	ug/L	1.0	1	06/24/24 12:54	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:28
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-27	**Basis:**	NA
Lab Code:	R2405046-029		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.5**	ug/L	1.0	1	06/24/24 12:56	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:29
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-28	**Basis:**	NA
Lab Code:	R2405046-030		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**6.0**	ug/L	1.0	1	06/24/24 13:02	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:30
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-29	**Basis:**	NA
Lab Code:	R2405046-031		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**46.7**	ug/L	1.0	1	06/24/24 13:04	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:31
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-30	**Basis:**	NA
Lab Code:	R2405046-032		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**23.5**	ug/L	1.0	1	06/24/24 13:06	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:32
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-31	**Basis:**	NA
Lab Code:	R2405046-033		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**7.4**	ug/L	1.0	1	06/24/24 13:08	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:33
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-32	**Basis:**	NA
Lab Code:	R2405046-034		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/24/24 13:09	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:34
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-33	**Basis:**	NA
Lab Code:	R2405046-035		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**9.3**	ug/L	1.0	1	06/24/24 13:11	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:35
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-34	**Basis:**	NA
Lab Code:	R2405046-036		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**8.6**	ug/L	1.0	1	06/24/24 13:13	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Metals

ALS Environmental—Rochester Laboratory
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www.alsglobal.com

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	NA
Sample Matrix:	Drinking Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R2405046-MB1		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/26/24 12:21	06/25/24	
Lead, Total	200.8	ND U	ug/L	1.0	1	06/22/24 21:20	NA	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	NA
Sample Matrix:	Drinking Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R2405046-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	06/22/24 20:14	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	NA
Sample Matrix:	Drinking Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R2405046-MB3		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/24/24 12:39	

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/22/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.10-2	**Units:**	ug/L
Lab Code:	R2405046-002	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405046-002MS			R2405046-002DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	ND U	23.6	20.0	118	23.4	20.0	117	70-130	1	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:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/22/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.10-3	**Units:**	ug/L
Lab Code:	R2405046-003	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405046-003MS			R2405046-003DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	1.0	23.7	20.0	114	22.6	20.0	108	70-130	5	20

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

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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:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/22/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.10-21A	**Units:**	ug/L
Lab Code:	R2405046-022	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405046-022MS			R2405046-022DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	ND U	22.0	20.0	110	23.1	20.0	116	70-130	5	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:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/24/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.10-21B	**Units:**	ug/L
Lab Code:	R2405046-023	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405046-023MS			R2405046-023DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	ND U	22.1	20.0	110	22.4	20.0	112	70-130	1	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 - Central Avenue/2023-104.10
Sample Matrix: Drinking Water

Service Request: R2405046
Date Analyzed: 06/22/24 - 06/26/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405046-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.2	20.0	101	85-115
Lead, Total	200.8	21.2	20.0	106	85-115

Client: Stohl Environmental
Project: Lancaster CSD - Central Avenue/2023-104.10
Sample Matrix: Drinking Water

Service Request: R2405046
Date Analyzed: 06/22/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405046-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	21.1	20.0	106	85-115

Client:	Stohl Environmental	**Service Request:**	R2405046
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Analyzed:**	06/24/24
Sample Matrix:	Drinking Water		

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405046-LCS3

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.3	20.0	101	85-115

June 26, 2024 Service Request No:R2405047

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

Laboratory Results for: Lancaster CSD - Central Avenue

Dear Michael,

Enclosed are the results of the sample(s) submitted to our laboratory June 07, 2024
For your reference, these analyses have been assigned our service request number **R2405047.**

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

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 - Central Avenue
Sample Matrix: Drinking Water

Service Request: R2405047
Date Received: 06/07/2024

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:

Twelve drinking water samples were received for analysis at ALS Environmental on 06/07/2024. 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 06/26/2024

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: 104.10-35			Lab ID: R2405047-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	12.1			1.0	ug/L	200.8

CLIENT ID: 104.10-36			Lab ID: R2405047-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	6.4			1.0	ug/L	200.8

CLIENT ID: 104.10-37			Lab ID: R2405047-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	49.9			1.0	ug/L	200.8

CLIENT ID: 104.10-41			Lab ID: R2405047-008			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.0			1.0	ug/L	200.8

CLIENT ID: 104.10-42			Lab ID: R2405047-009			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	40.2			1.0	ug/L	200.8

CLIENT ID: 104.10-43			Lab ID: R2405047-010			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.7			1.0	ug/L	200.8

CLIENT ID: 104.10-44			Lab ID: R2405047-011			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.8			1.0	ug/L	200.8

CLIENT ID: 104.10-45			Lab ID: R2405047-012			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.2			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: Stohl Environmental **Service Request:**R2405047

Project: Lancaster CSD - Central Avenue/2023-104.10

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2405047-001	104.10-35	6/7/2024	0236
R2405047-002	104.10-36	6/7/2024	0237
R2405047-003	104.10-37	6/7/2024	0238
R2405047-004	104.10-38A	6/7/2024	0239
R2405047-005	104.10-38B	6/7/2024	0240
R2405047-006	104.10-39	6/7/2024	0241
R2405047-007	104.10-40	6/7/2024	0242
R2405047-008	104.10-41	6/7/2024	0243
R2405047-009	104.10-42	6/7/2024	0244
R2405047-010	104.10-43	6/7/2024	0245
R2405047-011	104.10-44	6/7/2024	0246
R2405047-012	104.10-45	6/7/2024	0247

Chain of Custody Document

Stohl ENVIRONMENTAL
3860 California Road, Orchard Park, New York 14127
PHONE (716) 312-0070 FAX (716) 312-8092
WWW.STOHLENVIRONMENTAL.COM

Submitted to: (Lab Name) ALS

STOHL Job # 2023-104.10

R2405047 5
Stohl Environmental
Lancaster CSD - Central Avenue

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Central Avenue Location: 149 Central Ave Lancaster, NY 14086

LEAD
Water by 200.8 X

Turnaround
10 Days

Sample #	Location	Outlet Type	Time
104.10-35	Men's Lav Center Left	Sink	2:36
104.10-36	Men's Lav Close to Window	Sink	2:37
104.10-37	Room 135	Sink	2:38
104.10-38A	Fountain Near 136	Drinking Fountain	2:39
104.10-38B	Fountain Near 136	Bottle Fill	2:40
104.10-39	Room 137	Sink	2:41
104.10-40	Room 140	Sink	2:42
104.10-41	Room 139	Sink	2:43
104.10-42	Room 131	Sink	2:44
104.10-43	Girls Lav	Sink	2:45
104.10-44	Boys Lav	Sink	2:46
104.10-45	Principal's Office	Sink	2:47

Notes:
Please e-mail lab results to labs@stohlenv.com Rfranjoine@stohlenvironmental.com

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/7/2024

Relinquished By: Rebecca Franjoine Print Name Stohl Env: Rebecca Franjoine Date: 6/7/2024

Received (Name / Lab): Matt Lang ALS Date: 6/7/24 Time: 16:40

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 3 of 3

R2405047 5
Stohl Environmental
Lancaster CSD - Central Avenue

Cooler Receipt and Preservation Check Form

Project/Client Stohl Folder Number

Cooler received on 6/7/24 by: [illegible] 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: 6/7 Time: 1645 ID: IR#12 (IR#11) From: Temp Blank Sample Bottle

Temp (°C)	19.9						
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: Stor by [illegible] on 6/7 at 1700
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/10/24 Time: 15:13 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	221523	HNO_3		x	N/A		All	4mL	235024	≤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: 44052200O
Explain all Discrepancies/ Other Comments:

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

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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/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
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:** R2405047
Project: Lancaster CSD - Central Avenue/2023-104.10

Sample Name: 104.10-35 **Date Collected:** 06/7/24
Lab Code: R2405047-001 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-36 **Date Collected:** 06/7/24
Lab Code: R2405047-002 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-37 **Date Collected:** 06/7/24
Lab Code: R2405047-003 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-38A **Date Collected:** 06/7/24
Lab Code: R2405047-004 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-38B **Date Collected:** 06/7/24
Lab Code: R2405047-005 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405047
Project: Lancaster CSD - Central Avenue/2023-104.10

Sample Name: 104.10-39 **Date Collected:** 06/7/24
Lab Code: R2405047-006 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-40 **Date Collected:** 06/7/24
Lab Code: R2405047-007 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-41 **Date Collected:** 06/7/24
Lab Code: R2405047-008 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-42 **Date Collected:** 06/7/24
Lab Code: R2405047-009 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-43 **Date Collected:** 06/7/24
Lab Code: R2405047-010 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405047
Project: Lancaster CSD - Central Avenue/2023-104.10

Sample Name: 104.10-44 **Date Collected:** 06/7/24
Lab Code: R2405047-011 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.10-45 **Date Collected:** 06/7/24
Lab Code: R2405047-012 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

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

ALS Environmental—Rochester Laboratory
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Metals

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1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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www.alsglobal.com

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:36
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-35	**Basis:**	NA
Lab Code:	R2405047-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**12.1**	ug/L	1.0	1	06/24/24 13:15	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:37
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-36	**Basis:**	NA
Lab Code:	R2405047-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**6.4**	ug/L	1.0	1	06/24/24 13:17	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:38
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-37	**Basis:**	NA
Lab Code:	R2405047-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**49.9**	ug/L	1.0	1	06/24/24 13:19	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:39
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-38A	**Basis:**	NA
Lab Code:	R2405047-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/24/24 13:25	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:40
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-38B	**Basis:**	NA
Lab Code:	R2405047-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/24/24 13:27	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:41
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-39	**Basis:**	NA
Lab Code:	R2405047-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/24/24 13:28	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:42
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-40	**Basis:**	NA
Lab Code:	R2405047-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/24/24 13:30	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:43
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-41	**Basis:**	NA
Lab Code:	R2405047-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.0**	ug/L	1.0	1	06/24/24 13:52	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:44
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-42	**Basis:**	NA
Lab Code:	R2405047-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**40.2**	ug/L	1.0	1	06/24/24 13:58	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:45
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-43	**Basis:**	NA
Lab Code:	R2405047-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.7**	ug/L	1.0	1	06/24/24 14:00	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:46
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-44	**Basis:**	NA
Lab Code:	R2405047-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.8**	ug/L	1.0	1	06/24/24 14:02	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24 02:47
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 16:40
Sample Name:	104.10-45	**Basis:**	NA
Lab Code:	R2405047-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.2**	ug/L	1.0	1	06/24/24 14:04	

QC Summary Forms

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Metals

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www.alsglobal.com

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	NA
Sample Matrix:	Drinking Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R2405047-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	06/24/24 12:39	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	NA
Sample Matrix:	Drinking Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R2405047-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	06/24/24 13:49	

Client:	Stohl Environmental	**Service Request:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/24/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.10-40	**Units:**	ug/L
Lab Code:	R2405047-007	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405047-007MS			R2405047-007DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	ND U	23.5	20.0	118	22.1	20.0	110	70-130	6	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:**	R2405047
Project:	Lancaster CSD - Central Avenue/2023-104.10	**Date Collected:**	06/07/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/24/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.10-41	**Units:**	ug/L
Lab Code:	R2405047-008	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405047-008MS			R2405047-008DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	2.0	24.0	20.0	110	24.4	20.0	112	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 - Central Avenue/2023-104.10
Sample Matrix: Drinking Water

Service Request: R2405047
Date Analyzed: 06/24/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405047-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.3	20.0	101	85-115

Client: Stohl Environmental
Project: Lancaster CSD - Central Avenue/2023-104.10
Sample Matrix: Drinking Water

Service Request: R2405047
Date Analyzed: 06/24/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405047-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	19.7	20.0	99	85-115

3860 California Road
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www.stohlenvironmental.com

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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Page 1 of 5