Stohl ENVIRONMENTAL BUFFALO ROCHESTER

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:

- 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)".

Sampling was performed on June 4, 2024. As detailed in Section 1.2 *(Executive Summary)* of the accompanying report, based upon the sampling and analysis performed, 51 sources of potable water in the High School 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 4, 2024

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Summary Tabulation

Lead in Drinking Water Investigation

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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, NY

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 High School:

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

**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)
104.1-2	Kitchen Single Bay	Sink	17.9
104.1-4	Kitchen Dishwash 3 Bay Right	Sink	11.0
104.1-5	Kitchen Center Single Bay	Sink	13.2
104.1-12	Dish Room Sink Right	Sink	17.3
104.1-13A	Faculty Dining Room	Drinking Fountain	15.4
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
104.1-101	Art Room 147 Hallway	Drinking Fountain	6.0
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
104.1-123	Fitness Center/Pool Hallway	Drinking Fountain	17.0

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Sample #	Location	Fixture/Outlet Type	Laboratory Analysis (in ppb)
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
104.1-156	S13 Hallway	Drinking Fountain	15.1
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
104.1-230	Basement Laundry Room	Sink	9.4
104.1-231	Basement Staff Lav	Sink	5.7

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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 13, 2024 Service Request No:R2405016

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 June 07, 2024
For your reference, these analyses have been assigned our service request number **R2405016.**

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 - Lancaster HS
Sample Matrix: Drinking Water

Service Request: R2405016
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 06/13/2024

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: 104.1-2			Lab ID: R2405016-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	17.9			1.0	ug/L	200.8

CLIENT ID: 104.1-4			Lab ID: R2405016-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	11.0			1.0	ug/L	200.8

CLIENT ID: 104.1-5			Lab ID: R2405016-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	13.2			1.0	ug/L	200.8

CLIENT ID: 104.1-6			Lab ID: R2405016-005			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.1			1.0	ug/L	200.8

CLIENT ID: 104.1-7			Lab ID: R2405016-006			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.0			1.0	ug/L	200.8

CLIENT ID: 104.1-8			Lab ID: R2405016-007			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.9			1.0	ug/L	200.8

CLIENT ID: 104.1-11			Lab ID: R2405016-010			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.0			1.0	ug/L	200.8

CLIENT ID: 104.1-12			Lab ID: R2405016-011			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	17.3			1.0	ug/L	200.8

CLIENT ID: 104.1-13A			Lab ID: R2405016-012			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	15.4			1.0	ug/L	200.8

CLIENT ID: 104.1-13B			Lab ID: R2405016-013			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.4			1.0	ug/L	200.8

CLIENT ID: 104.1-26			Lab ID: R2405016-028			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.0			1.0	ug/L	200.8

CLIENT ID: 104.1-32			Lab ID: R2405016-034			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.2			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: 104.1-33			Lab ID: R2405016-035			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.2			1.0	ug/L	200.8

CLIENT ID: 104.1-34			Lab ID: R2405016-036			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.7			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:**R2405016
Project: Lancaster CSD - Lancaster HS/2023L-104.1

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2405016-001	104.1-1	6/4/2024	2305
R2405016-002	104.1-2	6/4/2024	2306
R2405016-003	104.1-4	6/4/2024	2307
R2405016-004	104.1-5	6/4/2024	2308
R2405016-005	104.1-6	6/4/2024	2309
R2405016-006	104.1-7	6/4/2024	2310
R2405016-007	104.1-8	6/4/2024	2311
R2405016-008	104.1-9	6/4/2024	2312
R2405016-009	104.1-10	6/4/2024	2313
R2405016-010	104.1-11	6/4/2024	2314
R2405016-011	104.1-12	6/4/2024	2315
R2405016-012	104.1-13A	6/4/2024	2316
R2405016-013	104.1-13B	6/4/2024	2317
R2405016-014	104.1-14	6/4/2024	2318
R2405016-015	104.1-15A	6/4/2024	2319
R2405016-016	104.1-15B	6/4/2024	2320
R2405016-017	104.1-16	6/4/2024	2321
R2405016-018	104.1-17A	6/4/2024	2322
R2405016-019	104.1-17B	6/4/2024	2323
R2405016-020	104.1-18	6/4/2024	2324
R2405016-021	104.1-19	6/4/2024	2325
R2405016-022	104.1-20	6/4/2024	2326
R2405016-023	104.1-21	6/4/2024	2327
R2405016-024	104.1-22	6/4/2024	2328
R2405016-025	104.1-23	6/4/2024	2329
R2405016-026	104.1-24	6/4/2024	2330
R2405016-027	104.1-25	6/4/2024	2331
R2405016-028	104.1-26	6/4/2024	2332
R2405016-029	104.1-27	6/4/2024	2333
R2405016-030	104.1-28	6/4/2024	2334
R2405016-031	104.1-29	6/4/2024	2335
R2405016-032	104.1-30	6/4/2024	2336
R2405016-033	104.1-31	6/4/2024	2337
R2405016-034	104.1-32	6/4/2024	2338
R2405016-035	104.1-33	6/4/2024	2339
R2405016-036	104.1-34	6/4/2024	2340

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 # 2023L-104.1

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R2405016
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
104.1-1	Kitchen 2 Bay Left	Sink	23:05
104.1-2	Kitchen Single Bay	Sink	23:06
104.1-4	Kitchen Dishwash 3 Bay Right	Sink	23:07
104.1-5	Kitchen Center Single Bay	Sink	23:08
104.1-6	Kitchen Kettle	Sink	23:09
104.1-7	Kitchen Steamer	Sink	23:10
104.1-8	Kitchen Staff Lav	Sink	23:11
104.1-9	Kitchen Ice Machine	Ice Machine	23:12
104.1-10	Dish Room Sprayer	Sink	23:13
104.1-11	Dish Room Sink Left	Sink	23:14
104.1-12	Dish Room Sink Right	Sink	23:15
104.1-13A	Faculty Dining Room	Drinking Fountain	23:16
104.1-13B	Faculty Dining Room	Bottle Fill	23:17
1-4.1-14	Cafeteria Left Fountain	Drinking Fountain	23:18
104.1-15A	Cafeteria Right Fountain	Drinking Fountain	23:19
104.1-15B	Cafeteria Right Fountain	Bottle Fill	23:20
104.1-16	North Entrance Lobby Left	Drinking Fountain	23:21
104.1-17A	North Entrance Lobby Right	Drinking Fountain	23:22

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:	6/4/2024
Relinquished By:	Rebecca Franjoine	Print Name	Stohl Env: Rebecca Franjoine	Date:	6/6/2024
Received (Name / Lab):			Date: 6/7/24	Time:	0840
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:	

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Chain of Custody Document

Stohl ENVIRONMENTAL
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Submitted to: (Lab Name) ALS

STOHL Job # 2023L-104.1

5

R2405016
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
104.1-17B	North Entrance Lobby Right	Bottle Fill	23:23
104.1-18	Girl's Gym Coach's Office N13 Lav	Sink	23:24
104.1-19	Girls Gym Locker Room Left	Sink	23:25
104.1-20	Girls Gym Locker Room Right	Sink	23:26
104.1-21	Girls Gang Lav Left	Sink	23:27
104.1-22	Girls Gang Lav Left Center	Sink	23:28
104.1-23	Girls Gang Lav Right Center	Sink	23:29
104.1-24	Girls Gang Lav Right	Sink	23:30
104.1-25	Single Lav Left of N16	Sink	23:31
104.1-26	Boys Gang Lav Left	Sink	23:32
104.1-27	Boys Gang Lav Center	Sink	23:33
104.1-28	Boys Gang Lav Right	Sink	23:34
104.1-29	Boys Gym Locker Room Left	Sink	23:35
104.1-30	Boys Gym Locker Room Right	Sink	23:36
104.1-31	Boys Gym Coach's Office N18 Lav	Sink	23:37
104.1-32	Laundry N19 Handwash	Sink	23:38
104.1-33	Shop Room 168 Left	Sink	23:39
104.1-34	Shop Room 168 Center	Sink	23:40

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

Rfranjoine@stohlenvironmental.com

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/4/2024

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

Received (Name / Lab): [signature] Date: 6/7/24 Time: 0840

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:

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Stahl Environmental
Lancaster CSD - Lancaster HS

Cooler Receipt and Preservation Check Form

Project/Client Stahl Folder Number .

Cooler received on 6/7/24 by: @ **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: 6/7/24 Time: 0845 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Temp (°C)	18.8						
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: SM10 by @ on 6/7/24 at 0846
5035 samples placed in storage location: by on at within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/8/24 Time: 11:53 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	6a
≤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: 100322-2ADD
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

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:** R2405016
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-1 **Date Collected:** 06/4/24
Lab Code: R2405016-001 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-2 **Date Collected:** 06/4/24
Lab Code: R2405016-002 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-4 **Date Collected:** 06/4/24
Lab Code: R2405016-003 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-5 **Date Collected:** 06/4/24
Lab Code: R2405016-004 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-6 **Date Collected:** 06/4/24
Lab Code: R2405016-005 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405016
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-7 **Date Collected:** 06/4/24
Lab Code: R2405016-006 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-8 **Date Collected:** 06/4/24
Lab Code: R2405016-007 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-9 **Date Collected:** 06/4/24
Lab Code: R2405016-008 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-10 **Date Collected:** 06/4/24
Lab Code: R2405016-009 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-11 **Date Collected:** 06/4/24
Lab Code: R2405016-010 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405016
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-12 **Date Collected:** 06/4/24
Lab Code: R2405016-011 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-13A **Date Collected:** 06/4/24
Lab Code: R2405016-012 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-13B **Date Collected:** 06/4/24
Lab Code: R2405016-013 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-14 **Date Collected:** 06/4/24
Lab Code: R2405016-014 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-15A **Date Collected:** 06/4/24
Lab Code: R2405016-015 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405016
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-15B **Date Collected:** 06/4/24
Lab Code: R2405016-016 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-16 **Date Collected:** 06/4/24
Lab Code: R2405016-017 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-17A **Date Collected:** 06/4/24
Lab Code: R2405016-018 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-17B **Date Collected:** 06/4/24
Lab Code: R2405016-019 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-18 **Date Collected:** 06/4/24
Lab Code: R2405016-020 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405016
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-19 **Date Collected:** 06/4/24
Lab Code: R2405016-021 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-20 **Date Collected:** 06/4/24
Lab Code: R2405016-022 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-21 **Date Collected:** 06/4/24
Lab Code: R2405016-023 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-22 **Date Collected:** 06/4/24
Lab Code: R2405016-024 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-23 **Date Collected:** 06/4/24
Lab Code: R2405016-025 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405016
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-24 **Date Collected:** 06/4/24
Lab Code: R2405016-026 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-25 **Date Collected:** 06/4/24
Lab Code: R2405016-027 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-26 **Date Collected:** 06/4/24
Lab Code: R2405016-028 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-27 **Date Collected:** 06/4/24
Lab Code: R2405016-029 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-28 **Date Collected:** 06/4/24
Lab Code: R2405016-030 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405016
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-29 **Date Collected:** 06/4/24
Lab Code: R2405016-031 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-30 **Date Collected:** 06/4/24
Lab Code: R2405016-032 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-31 **Date Collected:** 06/4/24
Lab Code: R2405016-033 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-32 **Date Collected:** 06/4/24
Lab Code: R2405016-034 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-33 **Date Collected:** 06/4/24
Lab Code: R2405016-035 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-34	**Date Collected:**	06/4/24
Lab Code:	R2405016-036	**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:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:05
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-1	**Basis:**	NA
Lab Code:	R2405016-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 16:21	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:06
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-2	**Basis:**	NA
Lab Code:	R2405016-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**17.9**	ug/L	1.0	1	06/12/24 16:27	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:07
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-4	**Basis:**	NA
Lab Code:	R2405016-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**11.0**	ug/L	1.0	1	06/12/24 16:29	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:08
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-5	**Basis:**	NA
Lab Code:	R2405016-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**13.2**	ug/L	1.0	1	06/12/24 16:31	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:09
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-6	**Basis:**	NA
Lab Code:	R2405016-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.1**	ug/L	1.0	1	06/12/24 16:33	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:10
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-7	**Basis:**	NA
Lab Code:	R2405016-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.0**	ug/L	1.0	1	06/12/24 16:35	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:11
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-8	**Basis:**	NA
Lab Code:	R2405016-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.9**	ug/L	1.0	1	06/12/24 16:40	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:12
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-9	**Basis:**	NA
Lab Code:	R2405016-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 16:42	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:13
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-10	**Basis:**	NA
Lab Code:	R2405016-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 16:44	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:14
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-11	**Basis:**	NA
Lab Code:	R2405016-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.0**	ug/L	1.0	1	06/12/24 16:46	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:15
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-12	**Basis:**	NA
Lab Code:	R2405016-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**17.3**	ug/L	1.0	1	06/12/24 16:48	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:16
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-13A	**Basis:**	NA
Lab Code:	R2405016-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**15.4**	ug/L	1.0	1	06/12/24 16:50	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:17
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-13B	**Basis:**	NA
Lab Code:	R2405016-013		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.4**	ug/L	1.0	1	06/12/24 16:52	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:18
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-14	**Basis:**	NA
Lab Code:	R2405016-014		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 16:54	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:19
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-15A	**Basis:**	NA
Lab Code:	R2405016-015		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 16:56	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:20
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-15B	**Basis:**	NA
Lab Code:	R2405016-016		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 16:57	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:21
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-16	**Basis:**	NA
Lab Code:	R2405016-017		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:03	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:22
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-17A	**Basis:**	NA
Lab Code:	R2405016-018		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:05	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:23
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-17B	**Basis:**	NA
Lab Code:	R2405016-019		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:07	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-18	**Basis:**	NA
Lab Code:	R2405016-020		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:09	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:25
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-19	**Basis:**	NA
Lab Code:	R2405016-021		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:31	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:26
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-20	**Basis:**	NA
Lab Code:	R2405016-022		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:37	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:27
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-21	**Basis:**	NA
Lab Code:	R2405016-023		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:39	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:28
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-22	**Basis:**	NA
Lab Code:	R2405016-024		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:41	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:29
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-23	**Basis:**	NA
Lab Code:	R2405016-025		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:42	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:30
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-24	**Basis:**	NA
Lab Code:	R2405016-026		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:44	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:31
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-25	**Basis:**	NA
Lab Code:	R2405016-027		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:50	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:32
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-26	**Basis:**	NA
Lab Code:	R2405016-028		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.0**	ug/L	1.0	1	06/12/24 17:52	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:33
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-27	**Basis:**	NA
Lab Code:	R2405016-029		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:54	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:34
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-28	**Basis:**	NA
Lab Code:	R2405016-030		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:56	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:35
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-29	**Basis:**	NA
Lab Code:	R2405016-031		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 17:58	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:36
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-30	**Basis:**	NA
Lab Code:	R2405016-032		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 18:00	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:37
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-31	**Basis:**	NA
Lab Code:	R2405016-033		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 18:02	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:38
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-32	**Basis:**	NA
Lab Code:	R2405016-034		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.2**	ug/L	1.0	1	06/12/24 18:04	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:39
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-33	**Basis:**	NA
Lab Code:	R2405016-035		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.2**	ug/L	1.0	1	06/12/24 18:06	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:40
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-34	**Basis:**	NA
Lab Code:	R2405016-036		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.7**	ug/L	1.0	1	06/12/24 18:07	

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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Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
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:	R2405016-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	06/12/24 16:18	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405016
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:	R2405016-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	06/12/24 17:27	

Client:	Stohl Environmental	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-1	**Units:**	ug/L
Lab Code:	R2405016-001	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405016-001MS			R2405016-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	ND U	19.1	20.0	95	19.4	20.0	97	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	**Service Request:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-18	**Units:**	ug/L
Lab Code:	R2405016-020	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405016-020MS			R2405016-020DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	ND U	19.1	20.0	95	20.8	20.0	104	70-130	9	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:**	R2405016
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-19	**Units:**	ug/L
Lab Code:	R2405016-021	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405016-021MS			R2405016-021DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	ND U	20.6	20.0	103	21.7	20.0	108	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
Project: Lancaster CSD - Lancaster HS/2023L-104.1
Sample Matrix: Drinking Water

Service Request: R2405016
Date Analyzed: 06/12/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405016-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	19.3	20.0	97	85-115

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

Service Request: R2405016
Date Analyzed: 06/12/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405016-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.5	20.0	103	85-115

June 19, 2024 Service Request No:R2405017

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 June 07, 2024
For your reference, these analyses have been assigned our service request number **R2405017.**

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

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ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
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Client: Stohl Environmental
Project: Lancaster CSD - Lancaster HS
Sample Matrix: Drinking Water

Service Request: R2405017
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 06/19/2024

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: 104.1-35	Lab ID: R2405017-001					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.0			1.0	ug/L	200.8

CLIENT ID: 104.1-36	Lab ID: R2405017-002					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	33.5			1.0	ug/L	200.8

CLIENT ID: 104.1-38	Lab ID: R2405017-003					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	6.4			1.0	ug/L	200.8

CLIENT ID: 104.1-39	Lab ID: R2405017-004					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.3			1.0	ug/L	200.8

CLIENT ID: 104.1-40	Lab ID: R2405017-005					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	15.3			1.0	ug/L	200.8

CLIENT ID: 104.1-41	Lab ID: R2405017-006					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	11.5			1.0	ug/L	200.8

CLIENT ID: 104.1-43	Lab ID: R2405017-007					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	7.2			1.0	ug/L	200.8

CLIENT ID: 104.1-47	Lab ID: R2405017-010					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.2			1.0	ug/L	200.8

CLIENT ID: 104.1-52	Lab ID: R2405017-013					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	6.5			1.0	ug/L	200.8

CLIENT ID: 104.1-53	Lab ID: R2405017-014					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.7			1.0	ug/L	200.8

CLIENT ID: 104.1-54	Lab ID: R2405017-015					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.3			1.0	ug/L	200.8

CLIENT ID: 104.1-55	Lab ID: R2405017-016					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.4			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: 104.1-56			Lab ID: R2405017-017			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.4			1.0	ug/L	200.8

CLIENT ID: 104.1-57			Lab ID: R2405017-018			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.0			1.0	ug/L	200.8

CLIENT ID: 104.1-58			Lab ID: R2405017-019			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.5			1.0	ug/L	200.8

CLIENT ID: 104.1-59			Lab ID: R2405017-020			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.3			1.0	ug/L	200.8

CLIENT ID: 104.1-60			Lab ID: R2405017-021			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.9			1.0	ug/L	200.8

CLIENT ID: 104.1-61			Lab ID: R2405017-022			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.1			1.0	ug/L	200.8

CLIENT ID: 104.1-62			Lab ID: R2405017-023			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.0			1.0	ug/L	200.8

CLIENT ID: 104.1-63			Lab ID: R2405017-024			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.1			1.0	ug/L	200.8

CLIENT ID: 104.1-64			Lab ID: R2405017-025			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.3			1.0	ug/L	200.8

CLIENT ID: 104.1-65			Lab ID: R2405017-026			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.4			1.0	ug/L	200.8

CLIENT ID: 104.1-66			Lab ID: R2405017-027			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.5			1.0	ug/L	200.8

CLIENT ID: 104.1-67			Lab ID: R2405017-028			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.1			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: 104.1-69			Lab ID: R2405017-030			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.3			1.0	ug/L	200.8

CLIENT ID: 104.1-70			Lab ID: R2405017-031			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.7			1.0	ug/L	200.8

CLIENT ID: 104.1-71			Lab ID: R2405017-032			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.6			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:**R2405017
Project: Lancaster CSD - Lancaster HS/2023L-104.1

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2405017-001	104.1-35	6/4/2024	2341
R2405017-002	104.1-36	6/4/2024	2342
R2405017-003	104.1-38	6/4/2024	2343
R2405017-004	104.1-39	6/4/2024	2344
R2405017-005	104.1-40	6/4/2024	2345
R2405017-006	104.1-41	6/4/2024	2346
R2405017-007	104.1-43	6/4/2024	2347
R2405017-008	104.1-46A	6/4/2024	2348
R2405017-009	104.1-46B	6/4/2024	2349
R2405017-010	104.1-47	6/4/2024	2350
R2405017-011	104.1-49	6/4/2024	2351
R2405017-012	104.1-50	6/4/2024	2352
R2405017-013	104.1-52	6/4/2024	2353
R2405017-014	104.1-53	6/4/2024	2354
R2405017-015	104.1-54	6/4/2024	2355
R2405017-016	104.1-55	6/4/2024	2356
R2405017-017	104.1-56	6/4/2024	2357
R2405017-018	104.1-57	6/4/2024	2358
R2405017-019	104.1-58	6/4/2024	2359
R2405017-020	104.1-59	6/4/2024	0000
R2405017-021	104.1-60	6/4/2024	0001
R2405017-022	104.1-61	6/4/2024	0002
R2405017-023	104.1-62	6/4/2024	0003
R2405017-024	104.1-63	6/4/2024	0004
R2405017-025	104.1-64	6/4/2024	0005
R2405017-026	104.1-65	6/4/2024	0006
R2405017-027	104.1-66	6/4/2024	0007
R2405017-028	104.1-67	6/4/2024	0008
R2405017-029	104.1-68	6/4/2024	0009
R2405017-030	104.1-69	6/4/2024	0010
R2405017-031	104.1-70	6/4/2024	0011
R2405017-032	104.1-71	6/4/2024	0012
R2405017-033	104.1-72A	6/4/2024	0013
R2405017-034	104.1-72B	6/4/2024	0014
R2405017-035	104.1-73A	6/4/2024	0015
R2405017-036	104.1-73B	6/4/2024	0016

Stohl ENVIRONMENTAL

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

Chain of Custody Document

Submitted to: (Lab Name) ALS

STOHL Job # 2023L-104.1

5

R2405017
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
104.1-35	Shop Room 168 Right	Sink	23:41
104.1-36	Boys Pool Locker Room	Sink	23:42
104.1-38	Boys Vestibule Lav	Sink	23:43
104.1-39	Technology Room 167 Left	Sink	23:44
104.1-40	Technology Room 167 Center	Sink	23:45
104.1-41	Technology Room 167 Right	Sink	23:46
104.1-43	Technology Room 166 center	Sink	23:47
104.1-46A	Pool/ 166 Hallway Drinking Fountain	Drinking Fountain	23:48
104.1-46B	Pool/166 Hallway Drinking Fountian	Bottle Fill	23:49
104.1-47	Field House Hallway Lav	Sink	23:50
104.1-49	Shop room 153 Center	Sink	23:51
104.1-50	Shop Room 153 Right	Sink	23:52
104.1-52	Boys Field House Locker Room 1 Left	Sink	23:53
104.1-53	Boys Field House Locker Room 1 Left Center	Sink	23:54
104.1-54	Boys Field House Locker Room 1 Right Center	Sink	23:55
104.1-55	Boys Field House Locker Room Right	Sink	23:56
104.1-56	Girls Field House Locker Room 1 Left	Sink	23:57
104.1-57	Girls Field House Locker Room 1 Left Center	Sink	23:58

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

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/4/2024

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

Received (Name / Lab): Date: 6/7/24 Time: 0840

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:

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 # 2023L-104.1

R2405017 5
Stohl Environmental
Lancaster CSD - Lancaster HS

Client: Lancaster CSD Contact: Michael Bryniarski

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

LEAD
Water by 200.8 X

Turnaround
20 Days

Sample #	Location	Outlet Type	Time
104.1-58	Girls Field House Locker Room 1 Right Center	Sink	23:59
104.1-59	Girls Field House Locker Room 1 Right	Sink	0:00
104.1-60	Boys Field House Locker Room 2 Left	Sink	0:01
104.1-61	Boys Field House Locker Room 2 Left Center	Sink	0:02
104.1-62	Boys Field House Locker Room 2 Right Center	Sink	0:03
104.1-63	Boys Field House Locker Room 2 Right	Sink	0:04
104.1-64	Girls Field House Locker Room 2 Left	Sink	0:05
104.1-65	Girls Field House Locker Room 2 Left Center	Sink	0:06
104.1-66	Girls Field House Locker Room 2 Right Center	Sink	0:07
104.1-67	Girls Field House Locker Room 2 Right	Sink	0:08
104.1-68	Trainers Room 157 Ice Machine	Ice Machine	0:09
104.1-69	Trainers Room 157	Sink	0:10
104.1-70	Girls Coach's Office 159	Sink	0:11
104.1-71	Boys Coach's Office 160	Sink	0:12
104.1-72A	Field House Drinking Fountain Left	Drinking Fountain	0:13
104.1-72B	Field House Drinking Fountain Left	Bottle Fill	0:14
104.1-73A	Field House Drinking Fountain Right	Drinking Fountain	0:15
104.1-73B	Field House Drinking Fountain Right	Bottle Fill	0:16

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

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/4/2024

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

Received (Name / Lab): Date: 6/7/24 Time: 0900

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:

Cooler Receipt and Preservation Check Form

R2405017 5
Stohl Environmental
Lancaster CSD - Lancaster HS

Project/Client Stohl Folder Number

Cooler received on 6/7/24 by: @ 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: 6/7/24 Time: 0845 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Temp (°C)	18.8						
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: SM10 by @ on 6/7/24 at 0846
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/8/24 Time: 12:11 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	-	-						
		HCl	**	**						

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

Bottle lot numbers: 160322-2ADD
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

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:** R2405017
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-35 **Date Collected:** 06/4/24
Lab Code: R2405017-001 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-36 **Date Collected:** 06/4/24
Lab Code: R2405017-002 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-38 **Date Collected:** 06/4/24
Lab Code: R2405017-003 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-39 **Date Collected:** 06/4/24
Lab Code: R2405017-004 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-40 **Date Collected:** 06/4/24
Lab Code: R2405017-005 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405017
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-41 **Date Collected:** 06/4/24
Lab Code: R2405017-006 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-43 **Date Collected:** 06/4/24
Lab Code: R2405017-007 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-46A **Date Collected:** 06/4/24
Lab Code: R2405017-008 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-46B **Date Collected:** 06/4/24
Lab Code: R2405017-009 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-47 **Date Collected:** 06/4/24
Lab Code: R2405017-010 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405017
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-49 **Date Collected:** 06/4/24
Lab Code: R2405017-011 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-50 **Date Collected:** 06/4/24
Lab Code: R2405017-012 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-52 **Date Collected:** 06/4/24
Lab Code: R2405017-013 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-53 **Date Collected:** 06/4/24
Lab Code: R2405017-014 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-54 **Date Collected:** 06/4/24
Lab Code: R2405017-015 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405017
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-55 **Date Collected:** 06/4/24
Lab Code: R2405017-016 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-56 **Date Collected:** 06/4/24
Lab Code: R2405017-017 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-57 **Date Collected:** 06/4/24
Lab Code: R2405017-018 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-58 **Date Collected:** 06/4/24
Lab Code: R2405017-019 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-59 **Date Collected:** 06/4/24
Lab Code: R2405017-020 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405017
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-60 **Date Collected:** 06/4/24
Lab Code: R2405017-021 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-61 **Date Collected:** 06/4/24
Lab Code: R2405017-022 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-62 **Date Collected:** 06/4/24
Lab Code: R2405017-023 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-63 **Date Collected:** 06/4/24
Lab Code: R2405017-024 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-64 **Date Collected:** 06/4/24
Lab Code: R2405017-025 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-65	**Date Collected:**	06/4/24
Lab Code:	R2405017-026	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-66	**Date Collected:**	06/4/24
Lab Code:	R2405017-027	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-67	**Date Collected:**	06/4/24
Lab Code:	R2405017-028	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-68	**Date Collected:**	06/4/24
Lab Code:	R2405017-029	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-69	**Date Collected:**	06/4/24
Lab Code:	R2405017-030	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405017
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-70 **Date Collected:** 06/4/24
Lab Code: R2405017-031 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-71 **Date Collected:** 06/4/24
Lab Code: R2405017-032 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-72A **Date Collected:** 06/4/24
Lab Code: R2405017-033 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-72B **Date Collected:** 06/4/24
Lab Code: R2405017-034 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-73A **Date Collected:** 06/4/24
Lab Code: R2405017-035 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-73B	**Date Collected:**	06/4/24
Lab Code:	R2405017-036	**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:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:41
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-35	**Basis:**	NA
Lab Code:	R2405017-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.0**	ug/L	1.0	1	06/12/24 21:29	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:42
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-36	**Basis:**	NA
Lab Code:	R2405017-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**33.5**	ug/L	1.0	1	06/12/24 21:35	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:43
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-38	**Basis:**	NA
Lab Code:	R2405017-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**6.4**	ug/L	1.0	1	06/12/24 21:37	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:44
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-39	**Basis:**	NA
Lab Code:	R2405017-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.3**	ug/L	1.0	1	06/12/24 21:39	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:45
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-40	**Basis:**	NA
Lab Code:	R2405017-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**15.3**	ug/L	1.0	1	06/12/24 21:40	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:46
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-41	**Basis:**	NA
Lab Code:	R2405017-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**11.5**	ug/L	1.0	1	06/13/24 17:35	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:47
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-43	**Basis:**	NA
Lab Code:	R2405017-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**7.2**	ug/L	1.0	1	06/13/24 17:37	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:48
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-46A	**Basis:**	NA
Lab Code:	R2405017-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 17:39	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:49
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-46B	**Basis:**	NA
Lab Code:	R2405017-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 17:41	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:50
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-47	**Basis:**	NA
Lab Code:	R2405017-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.2**	ug/L	1.0	1	06/13/24 17:43	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:51
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-49	**Basis:**	NA
Lab Code:	R2405017-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 17:45	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:52
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-50	**Basis:**	NA
Lab Code:	R2405017-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 17:46	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:53
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-52	**Basis:**	NA
Lab Code:	R2405017-013		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**6.5**	ug/L	1.0	1	06/13/24 17:48	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:54
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-53	**Basis:**	NA
Lab Code:	R2405017-014		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.7**	ug/L	1.0	1	06/13/24 17:54	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:55
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-54	**Basis:**	NA
Lab Code:	R2405017-015		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.3**	ug/L	1.0	1	06/13/24 17:56	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:56
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-55	**Basis:**	NA
Lab Code:	R2405017-016		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.4**	ug/L	1.0	1	06/13/24 17:58	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:57
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-56	**Basis:**	NA
Lab Code:	R2405017-017		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.4**	ug/L	1.0	1	06/13/24 18:00	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:58
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-57	**Basis:**	NA
Lab Code:	R2405017-018		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.0**	ug/L	1.0	1	06/13/24 18:22	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 23:59
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-58	**Basis:**	NA
Lab Code:	R2405017-019		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.5**	ug/L	1.0	1	06/13/24 18:27	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:00
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-59	**Basis:**	NA
Lab Code:	R2405017-020		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.3**	ug/L	1.0	1	06/13/24 18:29	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:01
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-60	**Basis:**	NA
Lab Code:	R2405017-021		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.9**	ug/L	1.0	1	06/13/24 18:31	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:02
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-61	**Basis:**	NA
Lab Code:	R2405017-022		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.1**	ug/L	1.0	1	06/13/24 18:33	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:03
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-62	**Basis:**	NA
Lab Code:	R2405017-023		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.0**	ug/L	1.0	1	06/13/24 18:35	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:04
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-63	**Basis:**	NA
Lab Code:	R2405017-024		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.1**	ug/L	1.0	1	06/13/24 18:41	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:05
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-64	**Basis:**	NA
Lab Code:	R2405017-025		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.3**	ug/L	1.0	1	06/13/24 18:43	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:06
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-65	**Basis:**	NA
Lab Code:	R2405017-026		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.4**	ug/L	1.0	1	06/13/24 18:45	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:07
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-66	**Basis:**	NA
Lab Code:	R2405017-027		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.5**	ug/L	1.0	1	06/13/24 18:46	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:08
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-67	**Basis:**	NA
Lab Code:	R2405017-028		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.1**	ug/L	1.0	1	06/13/24 18:48	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:09
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-68	**Basis:**	NA
Lab Code:	R2405017-029		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 18:50	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:10
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-69	**Basis:**	NA
Lab Code:	R2405017-030		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.3**	ug/L	1.0	1	06/13/24 18:52	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:11
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-70	**Basis:**	NA
Lab Code:	R2405017-031		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.7**	ug/L	1.0	1	06/13/24 18:54	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:12
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-71	**Basis:**	NA
Lab Code:	R2405017-032		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.6**	ug/L	1.0	1	06/13/24 18:56	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:13
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-72A	**Basis:**	NA
Lab Code:	R2405017-033		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 18:58	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:14
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-72B	**Basis:**	NA
Lab Code:	R2405017-034		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 19:04	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:15
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-73A	**Basis:**	NA
Lab Code:	R2405017-035		

Inorganic Parameters

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

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:16
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-73B	**Basis:**	NA
Lab Code:	R2405017-036		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 19:08	

QC Summary Forms

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Metals

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Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
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:	R2405017-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	06/12/24 20:48	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
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:	R2405017-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	06/13/24 17:09	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405017
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:	R2405017-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	06/13/24 18:18	

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-40	**Units:**	ug/L
Lab Code:	R2405017-005	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405017-005MS			R2405017-005DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	15.3	35.7	20.0	102	36.6	20.0	107	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	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/13/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-56	**Units:**	ug/L
Lab Code:	R2405017-017	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405017-017MS			R2405017-017DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	4.4	23.4	20.0	95	24.4	20.0	100	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:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/13/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-57	**Units:**	ug/L
Lab Code:	R2405017-018	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405017-018MS			R2405017-018DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	2.0	22.3	20.0	101	21.6	20.0	98	70-130	3	20

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

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

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

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

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

Service Request: R2405017
Date Analyzed: 06/12/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405017-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.7	20.0	104	85-115

Client:	Stohl Environmental	**Service Request:**	R2405017
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Analyzed:**	06/13/24
Sample Matrix:	Drinking Water		

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405017-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.7	20.0	104	85-115

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

Service Request: R2405017
Date Analyzed: 06/13/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405017-LCS3

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.5	20.0	103	85-115

June 19, 2024 Service Request No:R2405018

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 June 07, 2024
For your reference, these analyses have been assigned our service request number **R2405018.**

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 - Lancaster HS
Sample Matrix: Drinking Water

Service Request: R2405018
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 06/19/2024

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: 104.1-74			Lab ID: R2405018-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	5.0			1.0	ug/L	200.8

CLIENT ID: 104.1-76			Lab ID: R2405018-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.9			1.0	ug/L	200.8

CLIENT ID: 104.1-77			Lab ID: R2405018-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.1			1.0	ug/L	200.8

CLIENT ID: 104.1-78			Lab ID: R2405018-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.0			1.0	ug/L	200.8

CLIENT ID: 104.1-79			Lab ID: R2405018-005			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.2			1.0	ug/L	200.8

CLIENT ID: 104.1-80			Lab ID: R2405018-006			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.0			1.0	ug/L	200.8

CLIENT ID: 104.1-81			Lab ID: R2405018-007			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.3			1.0	ug/L	200.8

CLIENT ID: 104.1-97			Lab ID: R2405018-011			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.3			1.0	ug/L	200.8

CLIENT ID: 104.1-99			Lab ID: R2405018-013			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.0			1.0	ug/L	200.8

CLIENT ID: 104.1-100			Lab ID: R2405018-014			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.4			1.0	ug/L	200.8

CLIENT ID: 104.1-101			Lab ID: R2405018-015			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	6.0			1.0	ug/L	200.8

CLIENT ID: 104.1-102			Lab ID: R2405018-016			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	20.5			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: 104.1-103			Lab ID: R2405018-017			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	7.4			1.0	ug/L	200.8

CLIENT ID: 104.1-104			Lab ID: R2405018-018			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.8			1.0	ug/L	200.8

CLIENT ID: 104.1-105			Lab ID: R2405018-019			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.2			1.0	ug/L	200.8

CLIENT ID: 104.1-106			Lab ID: R2405018-020			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.9			1.0	ug/L	200.8

CLIENT ID: 104.1-107			Lab ID: R2405018-021			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.7			1.0	ug/L	200.8

CLIENT ID: 104.1-108			Lab ID: R2405018-022			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	7.1			1.0	ug/L	200.8

CLIENT ID: 104.1-109			Lab ID: R2405018-023			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.6			1.0	ug/L	200.8

CLIENT ID: 104.1-110			Lab ID: R2405018-024			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	6.3			1.0	ug/L	200.8

CLIENT ID: 104.1-111			Lab ID: R2405018-025			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	27.6			1.0	ug/L	200.8

CLIENT ID: 104.1-112			Lab ID: R2405018-026			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.0			1.0	ug/L	200.8

CLIENT ID: 104.1-114			Lab ID: R2405018-028			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	5.1			1.0	ug/L	200.8

CLIENT ID: 104.1-115			Lab ID: R2405018-029			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.6			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: 104.1-116			Lab ID: R2405018-030			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.7			1.0	ug/L	200.8

CLIENT ID: 104.1-117			Lab ID: R2405018-031			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	8.6			1.0	ug/L	200.8

CLIENT ID: 104.1-118			Lab ID: R2405018-032			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.7			1.0	ug/L	200.8

CLIENT ID: 104.1-119			Lab ID: R2405018-033			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	20.4			1.0	ug/L	200.8

CLIENT ID: 104.1-120			Lab ID: R2405018-034			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	7.5			1.0	ug/L	200.8

CLIENT ID: 104.1-121			Lab ID: R2405018-035			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.2			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:**R2405018
Project: Lancaster CSD - Lancaster HS/2023L-104.1

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2405018-001	104.1-74	6/4/2024	0017
R2405018-002	104.1-76	6/4/2024	0018
R2405018-003	104.1-77	6/4/2024	0019
R2405018-004	104.1-78	6/4/2024	0020
R2405018-005	104.1-79	6/4/2024	0021
R2405018-006	104.1-80	6/4/2024	0022
R2405018-007	104.1-81	6/4/2024	0023
R2405018-008	104.1-82	6/4/2024	0024
R2405018-009	104.1-95A	6/4/2024	0025
R2405018-010	104.1-95B	6/4/2024	0026
R2405018-011	104.1-97	6/4/2024	0027
R2405018-012	104.1-98	6/4/2024	0028
R2405018-013	104.1-99	6/4/2024	0029
R2405018-014	104.1-100	6/4/2024	0030
R2405018-015	104.1-101	6/4/2024	0031
R2405018-016	104.1-102	6/4/2024	0032
R2405018-017	104.1-103	6/4/2024	0033
R2405018-018	104.1-104	6/4/2024	0034
R2405018-019	104.1-105	6/4/2024	0035
R2405018-020	104.1-106	6/4/2024	0036
R2405018-021	104.1-107	6/4/2024	0037
R2405018-022	104.1-108	6/4/2024	0038
R2405018-023	104.1-109	6/4/2024	0039
R2405018-024	104.1-110	6/4/2024	0040
R2405018-025	104.1-111	6/4/2024	0041
R2405018-026	104.1-112	6/4/2024	0042
R2405018-027	104.1-113	6/4/2024	0043
R2405018-028	104.1-114	6/4/2024	0044
R2405018-029	104.1-115	6/4/2024	0045
R2405018-030	104.1-116	6/4/2024	0046
R2405018-031	104.1-117	6/4/2024	0047
R2405018-032	104.1-118	6/4/2024	0048
R2405018-033	104.1-119	6/4/2024	0049
R2405018-034	104.1-120	6/4/2024	0050
R2405018-035	104.1-121	6/4/2024	0051
R2405018-036	104.1-122	6/4/2024	0052

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 # 2023L-104.1

R2405018 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
104.1-74	Field House Men's Lav Left	Sink	0:17
104.1-76	Field House Men's Lav Right Center	Sink	0:18
104.1-77	Field House Men's Lav Right	Sink	0:19
104.1-78	Field House Women's Lav Left	Sink	0:20
104.1-79	Field House Women's Lav Left Center	Sink	0:21
104.1-80	Field House Women's Lav Right Center	Sink	0:22
104.1-81	Field House Women's Lav Right	Sink	0:23
104.1-82	Music Room 174.4	Sink	0:24
104.1-95A	Art Room 150 Hallway	Drinking Fountain	0:25
104.1-95B	Art Room 150 Hallway	Bottle Fill	0:26
104.1-97	Art Room 149 Left	Sink	0:27
104.1-98	Art Room 149 Left Center	Sink	0:28
104.1-99	Art Room 149 Right Center	Sink	0:29
104.1-100	Art Room 149 Right	Sink	0:30
104.1-101	Art Room 147 Hallway	Drinking Fountain	0:31
104.1-102	Art Room 147 Left	Sink	0:32
04.1-103	Art Room 147 Right	Sink	0:33
104.1-104	Room 146	Sink	0:34

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

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/4/2024

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

Received (Name / Lab): [signature] Date: 6/7/24 Time: 0840

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:

Stohl ENVIRONMENTAL

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

Chain of Custody Document

Submitted to: (Lab Name) ALS

STOHL Job # 2023L-104.1

5

R2405018
Stohl Environmental
Lancaster CSD - Lancaster HS

Client: Lancaster CSD Contact: Michael Bryniarski

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

LEAD

Water by 200.8 X

Turnaround

20 Days

Sample #	Location	Outlet Type	Time
104.1-105	Room 145	Sink	0:35
104.1-106	Room 143B	Sink	0:36
104.1-107	Room 143 Hallway	Drinking Fountain	0:37
104.1-108	Room 143 Hallway Women's Fac Lav Left	Sink	0:38
104.1-109	Room 143 Hallway Women's Fac Lav Right	Sink	0:39
104.1-110	Room 143 Hallway Men's Fac Left	Sink	0:40
104.1-111	Credit Union 140	Sink	0:41
104.1-112	Boys Lav B7	Sink	0:42
104.1-113	Room 138 Hallway	Drinking Fountain	0:43
104.1-114	Girls Lav G7 Left	Sink	0:44
104.1-115	Girls Lav G7 Center	Sink	0:45
104.1-116	Girls Lav G7 Right	Sink	0:46
104.1-117	Room 141 Left	Sink	0:47
104.1-118	Room 141 Right	Sink	0:48
104.1-119	Room 138A	Sink	0:49
104.1-120	Room 136A	Sink	0:50
104.1-121	Room 133 Hallway	Sink	0:51
104.1-122	Fitness Center 163	Drinking Fountain	0:52

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

Rfranjoine@stohlenvironmental.com

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/4/2024

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

Received (Name / Lab): Date: 6/7/24 Time: 0810

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 6 of 12

R2405018 5
Stohl Environmental
Lancaster CSD - Lancaster HS

Cooler Receipt and Preservation Check Form

Project/Client Stohl Folder Number

Cooler received on 6/7/24 by: @ 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: 6/7/24 Time: 0845 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	18.8						
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: SM0 by @ on 6/7/24 at 0846
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/8/24 Time: 12:30 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: 100322-2ADD
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

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:** R2405018
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-74 **Date Collected:** 06/4/24
Lab Code: R2405018-001 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-76 **Date Collected:** 06/4/24
Lab Code: R2405018-002 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-77 **Date Collected:** 06/4/24
Lab Code: R2405018-003 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-78 **Date Collected:** 06/4/24
Lab Code: R2405018-004 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-79 **Date Collected:** 06/4/24
Lab Code: R2405018-005 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405018
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-80 **Date Collected:** 06/4/24
Lab Code: R2405018-006 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-81 **Date Collected:** 06/4/24
Lab Code: R2405018-007 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-82 **Date Collected:** 06/4/24
Lab Code: R2405018-008 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-95A **Date Collected:** 06/4/24
Lab Code: R2405018-009 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-95B **Date Collected:** 06/4/24
Lab Code: R2405018-010 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405018
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-97 **Date Collected:** 06/4/24
Lab Code: R2405018-011 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-98 **Date Collected:** 06/4/24
Lab Code: R2405018-012 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-99 **Date Collected:** 06/4/24
Lab Code: R2405018-013 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-100 **Date Collected:** 06/4/24
Lab Code: R2405018-014 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-101 **Date Collected:** 06/4/24
Lab Code: R2405018-015 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405018
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-102 **Date Collected:** 06/4/24
Lab Code: R2405018-016 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-103 **Date Collected:** 06/4/24
Lab Code: R2405018-017 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-104 **Date Collected:** 06/4/24
Lab Code: R2405018-018 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-105 **Date Collected:** 06/4/24
Lab Code: R2405018-019 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-106 **Date Collected:** 06/4/24
Lab Code: R2405018-020 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405018
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-107 **Date Collected:** 06/4/24
Lab Code: R2405018-021 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-108 **Date Collected:** 06/4/24
Lab Code: R2405018-022 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-109 **Date Collected:** 06/4/24
Lab Code: R2405018-023 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-110 **Date Collected:** 06/4/24
Lab Code: R2405018-024 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-111 **Date Collected:** 06/4/24
Lab Code: R2405018-025 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405018
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-112 **Date Collected:** 06/4/24
Lab Code: R2405018-026 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-113 **Date Collected:** 06/4/24
Lab Code: R2405018-027 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-114 **Date Collected:** 06/4/24
Lab Code: R2405018-028 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-115 **Date Collected:** 06/4/24
Lab Code: R2405018-029 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-116 **Date Collected:** 06/4/24
Lab Code: R2405018-030 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405018
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-117 **Date Collected:** 06/4/24
Lab Code: R2405018-031 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-118 **Date Collected:** 06/4/24
Lab Code: R2405018-032 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-119 **Date Collected:** 06/4/24
Lab Code: R2405018-033 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-120 **Date Collected:** 06/4/24
Lab Code: R2405018-034 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-121 **Date Collected:** 06/4/24
Lab Code: R2405018-035 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-122	**Date Collected:**	06/4/24
Lab Code:	R2405018-036	**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:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:17
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-74	**Basis:**	NA
Lab Code:	R2405018-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**5.0**	ug/L	1.0	1	06/13/24 19:09	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:18
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-76	**Basis:**	NA
Lab Code:	R2405018-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.9**	ug/L	1.0	1	06/13/24 19:29	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:19
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-77	**Basis:**	NA
Lab Code:	R2405018-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.1**	ug/L	1.0	1	06/13/24 19:34	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:20
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-78	**Basis:**	NA
Lab Code:	R2405018-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.0**	ug/L	1.0	1	06/13/24 19:36	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:21
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-79	**Basis:**	NA
Lab Code:	R2405018-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.2**	ug/L	1.0	1	06/13/24 19:38	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:22
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-80	**Basis:**	NA
Lab Code:	R2405018-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.0**	ug/L	1.0	1	06/13/24 19:40	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:23
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-81	**Basis:**	NA
Lab Code:	R2405018-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.3**	ug/L	1.0	1	06/13/24 19:42	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-82	**Basis:**	NA
Lab Code:	R2405018-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 19:48	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:25
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-95A	**Basis:**	NA
Lab Code:	R2405018-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 19:50	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:26
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-95B	**Basis:**	NA
Lab Code:	R2405018-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 19:51	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:27
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-97	**Basis:**	NA
Lab Code:	R2405018-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.3**	ug/L	1.0	1	06/13/24 19:53	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:28
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-98	**Basis:**	NA
Lab Code:	R2405018-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 19:55	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:29
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-99	**Basis:**	NA
Lab Code:	R2405018-013		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.0**	ug/L	1.0	1	06/13/24 19:57	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:30
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-100	**Basis:**	NA
Lab Code:	R2405018-014		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.4**	ug/L	1.0	1	06/13/24 19:59	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:31
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-101	**Basis:**	NA
Lab Code:	R2405018-015		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**6.0**	ug/L	1.0	1	06/13/24 20:01	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:32
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-102	**Basis:**	NA
Lab Code:	R2405018-016		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**20.5**	ug/L	1.0	1	06/13/24 20:03	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:33
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-103	**Basis:**	NA
Lab Code:	R2405018-017		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**7.4**	ug/L	1.0	1	06/13/24 20:05	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:34
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-104	**Basis:**	NA
Lab Code:	R2405018-018		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.8**	ug/L	1.0	1	06/13/24 20:11	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:35
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-105	**Basis:**	NA
Lab Code:	R2405018-019		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.2**	ug/L	1.0	1	06/13/24 20:12	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:36
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-106	**Basis:**	NA
Lab Code:	R2405018-020		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.9**	ug/L	1.0	1	06/13/24 20:14	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:37
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-107	**Basis:**	NA
Lab Code:	R2405018-021		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.7**	ug/L	1.0	1	06/13/24 20:16	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:38
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-108	**Basis:**	NA
Lab Code:	R2405018-022		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**7.1**	ug/L	1.0	1	06/13/24 20:35	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:39
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-109	**Basis:**	NA
Lab Code:	R2405018-023		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.6**	ug/L	1.0	1	06/13/24 20:41	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:40
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-110	**Basis:**	NA
Lab Code:	R2405018-024		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**6.3**	ug/L	1.0	1	06/13/24 20:43	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:41
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-111	**Basis:**	NA
Lab Code:	R2405018-025		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**27.6**	ug/L	1.0	1	06/13/24 20:45	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:42
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-112	**Basis:**	NA
Lab Code:	R2405018-026		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.0**	ug/L	1.0	1	06/13/24 20:47	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:43
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-113	**Basis:**	NA
Lab Code:	R2405018-027		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 20:49	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:44
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-114	**Basis:**	NA
Lab Code:	R2405018-028		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**5.1**	ug/L	1.0	1	06/13/24 20:55	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:45
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-115	**Basis:**	NA
Lab Code:	R2405018-029		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.6**	ug/L	1.0	1	06/13/24 20:56	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:46
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-116	**Basis:**	NA
Lab Code:	R2405018-030		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.7**	ug/L	1.0	1	06/13/24 20:58	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:47
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-117	**Basis:**	NA
Lab Code:	R2405018-031		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**8.6**	ug/L	1.0	1	06/13/24 21:00	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:48
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-118	**Basis:**	NA
Lab Code:	R2405018-032		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.7**	ug/L	1.0	1	06/13/24 21:02	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:49
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-119	**Basis:**	NA
Lab Code:	R2405018-033		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**20.4**	ug/L	1.0	1	06/13/24 21:04	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:50
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-120	**Basis:**	NA
Lab Code:	R2405018-034		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**7.5**	ug/L	1.0	1	06/13/24 21:06	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:51
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-121	**Basis:**	NA
Lab Code:	R2405018-035		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.2**	ug/L	1.0	1	06/13/24 21:08	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:52
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-122	**Basis:**	NA
Lab Code:	R2405018-036		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 21:10	

QC Summary Forms

ALS Environmental—Rochester Laboratory
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Metals

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

Client:	Stohl Environmental	**Service Request:**	R2405018
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:	R2405018-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	06/13/24 18:18	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
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:	R2405018-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	06/13/24 19:25	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405018
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:	R2405018-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	06/13/24 20:32	

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/13/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-74	**Units:**	ug/L
Lab Code:	R2405018-001	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405018-001MS			R2405018-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	5.0	22.7	20.0	89	24.9	20.0	100	70-130	9	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:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/13/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-76	**Units:**	ug/L
Lab Code:	R2405018-002	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405018-002MS			R2405018-002DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	1.9	21.0	20.0	95	22.4	20.0	102	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:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/13/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-107	**Units:**	ug/L
Lab Code:	R2405018-021	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405018-021MS			R2405018-021DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	1.7	20.9	20.0	96	22.0	20.0	101	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:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/13/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-108	**Units:**	ug/L
Lab Code:	R2405018-022	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405018-022MS			R2405018-022DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	7.1	25.6	20.0	92	26.5	20.0	97	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:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Analyzed:**	06/13/24
Sample Matrix:	Drinking Water		

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405018-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.5	20.0	103	85-115

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

Service Request: R2405018
Date Analyzed: 06/13/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405018-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	19.8	20.0	99	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Stohl Environmental	**Service Request:**	R2405018
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Analyzed:**	06/13/24
Sample Matrix:	Drinking Water		

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405018-LCS3

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.5	20.0	103	85-115

June 20, 2024 Service Request No:R2405019

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 June 07, 2024
For your reference, these analyses have been assigned our service request number **R2405019.**

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

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PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
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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: R2405019
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 06/20/2024

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: 104.1-123			Lab ID: R2405019-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	17.0			1.0	ug/L	200.8

CLIENT ID: 104.1-124			Lab ID: R2405019-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	20.7			1.0	ug/L	200.8

CLIENT ID: 104.1-125			Lab ID: R2405019-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	10.8			1.0	ug/L	200.8

CLIENT ID: 104.1-126			Lab ID: R2405019-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.0			1.0	ug/L	200.8

CLIENT ID: 104.1-128			Lab ID: R2405019-007			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.3			1.0	ug/L	200.8

CLIENT ID: 104.1-129			Lab ID: R2405019-008			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.1			1.0	ug/L	200.8

CLIENT ID: 104.1-130			Lab ID: R2405019-009			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.5			1.0	ug/L	200.8

CLIENT ID: 104.1-131			Lab ID: R2405019-010			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.8			1.0	ug/L	200.8

CLIENT ID: 104.1-133			Lab ID: R2405019-012			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.9			1.0	ug/L	200.8

CLIENT ID: 104.1-136			Lab ID: R2405019-015			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	9.0			1.0	ug/L	200.8

CLIENT ID: 104.1-137			Lab ID: R2405019-016			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.4			1.0	ug/L	200.8

CLIENT ID: 104.1-142			Lab ID: R2405019-022			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.2			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: 104.1-144			Lab ID: R2405019-024			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	5.5			1.0	ug/L	200.8

CLIENT ID: 104.1-145			Lab ID: R2405019-025			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.6			1.0	ug/L	200.8

CLIENT ID: 104.1-147			Lab ID: R2405019-027			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.4			1.0	ug/L	200.8

CLIENT ID: 104.1-148			Lab ID: R2405019-028			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.0			1.0	ug/L	200.8

CLIENT ID: 104.1-149			Lab ID: R2405019-029			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	5.3			1.0	ug/L	200.8

CLIENT ID: 104.1-150			Lab ID: R2405019-030			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	6.0			1.0	ug/L	200.8

CLIENT ID: 104.1-155			Lab ID: R2405019-033			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	21.1			1.0	ug/L	200.8

CLIENT ID: 104.1-156			Lab ID: R2405019-034			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	15.1			1.0	ug/L	200.8

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Stohl Environmental **Service Request:**R2405019
Project: Lancaster CSD - Lancaster HS/2023L-104.1

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2405019-001	104.1-123	6/4/2024	0053
R2405019-002	104.1-124	6/4/2024	0054
R2405019-003	104.1-125	6/4/2024	0055
R2405019-004	104.1-126	6/4/2024	0056
R2405019-005	104.1-127A	6/4/2024	0057
R2405019-006	104.1-127B	6/4/2024	0058
R2405019-007	104.1-128	6/4/2024	0059
R2405019-008	104.1-129	6/4/2024	0100
R2405019-009	104.1-130	6/4/2024	0101
R2405019-010	104.1-131	6/4/2024	0102
R2405019-011	104.1-132	6/4/2024	0103
R2405019-012	104.1-133	6/4/2024	0104
R2405019-013	104.1-134	6/4/2024	0105
R2405019-014	104.1-135	6/4/2024	0106
R2405019-015	104.1-136	6/4/2024	0107
R2405019-016	104.1-137	6/4/2024	0108
R2405019-017	104.1-138A	6/4/2024	0109
R2405019-018	104.1-138B	6/4/2024	0110
R2405019-019	104.1-139	6/4/2024	0111
R2405019-020	104.1-140	6/4/2024	0112
R2405019-021	104.1-141	6/4/2024	0113
R2405019-022	104.1-142	6/4/2024	0114
R2405019-023	104.1-143	6/4/2024	0115
R2405019-024	104.1-144	6/4/2024	0116
R2405019-025	104.1-145	6/4/2024	0117
R2405019-026	104.1-146	6/4/2024	0118
R2405019-027	104.1-147	6/4/2024	0119
R2405019-028	104.1-148	6/4/2024	0120
R2405019-029	104.1-149	6/4/2024	0121
R2405019-030	104.1-150	6/4/2024	0122
R2405019-031	104.1-153A	6/4/2024	0123
R2405019-032	104.1-153B	6/4/2024	0124
R2405019-033	104.1-155	6/4/2024	0125
R2405019-034	104.1-156	6/4/2024	0126
R2405019-035	104.1-158	6/4/2024	0127
R2405019-036	104.1-159	6/4/2024	0128

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 # 2023L-104.1

R2405019 5
Stohl Environmental
Lancaster CSD - Lancaster HS

Client: Lancaster CSD Contact: Michael Bryniarski

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

LEAD
Water by 200.8 X

Turnaround
20 Days

Sample #	Location	Outlet Type	Time
104.1-123	Fitness Center/Pool Hallway	Drinking Fountain	0:53
104.1-124	Girls Pool Locker Room	Bubbler	0:54
104.1-125	Girls Pool Locker Room	Sink	0:55
104.1-126	Girls Pool Vestibule	Sink	0:56
104.1-127A	Room 174 Hallway	Drinking Fountain	0:57
104.1-127B	Room 174 Hallway	Bottle Fill	0:58
104.1-128	Accessible Lav	Sink	0:59
104.1-129	Mens Lav Near Main Office Left Side Left	Sink	1:00
104.1-130	Mens Lav Near Main Office Left Side Right	Sink	1:01
104.1-131	Mens Lav Near Main Office Right Side Left	Sink	1:02
104.1-132	Mens Lav Near Main Office Right Side Right	Sink	1:03
104.1-133	Women's Lav Near Main Office LEft	Sink	1:04
104.1-134	Women's Lav Near Main Office Center	Sink	1:05
104.1-135	Women's Lav Near Main Office Right	Sink	1:06
104.1-136	Principals Office Lav	Sink	1:07
104.1-137	Main Office Lav	Sink	1:08
104.1-138A	Main Office Hallway	Drinking Fountain	1:09
104.1-138B	Main Office Hallway	Bottle Fill	1:10

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

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/4/2024

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

Received (Name / Lab): Date: 6/7/24 Time: 0840

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:

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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 # 2023L-104.1

R2405019 5
Stohl Environmental
Lancaster CSD - Lancaster HS

Client: Lancaster CSD Contact: Michael Bryniarski

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

LEAD
Water by 200.8 X

Turnaround
20 Days

Sample #	Location	Outlet Type	Time
104.1-139	Room 184 Lounge	Sink	1:11
104.1-140	Nurse Office Lav	Sink	1:12
104.1-141	Nurse Office Kitchen	Sink	1:13
104.1-142	Room 102 Hallway Lav	Sink	1:14
104.1-143	Room 105 Hallway	Drinking Fountain	1:15
104.1-144	Ladies Lav G3 Left	Sink	1:16
104.1-145	Ladies Lav G3 Center	Sink	1:17
104.1-146	Ladies Lav G3 Right	Sink	1:18
104.1-147	Mens Lav B3 Left	Sink	1:19
104.1-148	Mens Lav B3 Center	Sink	1:20
104.1-149	Mens Lav B3 Right	Sink	1:21
104.1-150	Room 111A (Office Area)	Sink	1:22
104.1-153A	Room 116 Hallway Fountain - Bubbler	Drinking Fountain	1:23
104.1-153B	Room 116 Hallway Fountain - Bottle Filler	Bottle Fill	1:24
104.1-155	S11/S12 Prep Room	Sink	1:25
104.1-156	S13 Hallway	Drinking Fountain	1:26
104.1-158	S15/S16 Prep Room	Sink	1:27
104.1-159	Room 124	Sink	1:28

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

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/4/2024

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

Received (Name / Lab): Date: 6/7/24 Time: 0840

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:

Cooler Receipt and Preservation Check Form

R2405019 5
Stohl Environmental
Lancaster CSD - Lancaster HS

Project/Client Stohl Folder Number

Cooler received on 6/7/24 by: @ 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: 6/7/24 Time: 0845 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Temp (°C)	18.8						
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: SM0 by @ on 6/7/24 at 0846
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/8/24 Time: 12:48 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	-	-						
		HCl	**	**						

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

Bottle lot numbers: 100322-2ADD
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

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:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-123	**Date Collected:**	06/4/24
Lab Code:	R2405019-001	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-124	**Date Collected:**	06/4/24
Lab Code:	R2405019-002	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-125	**Date Collected:**	06/4/24
Lab Code:	R2405019-003	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-126	**Date Collected:**	06/4/24
Lab Code:	R2405019-004	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-127A	**Date Collected:**	06/4/24
Lab Code:	R2405019-005	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405019
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-127B **Date Collected:** 06/4/24
Lab Code: R2405019-006 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-128 **Date Collected:** 06/4/24
Lab Code: R2405019-007 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-129 **Date Collected:** 06/4/24
Lab Code: R2405019-008 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-130 **Date Collected:** 06/4/24
Lab Code: R2405019-009 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-131 **Date Collected:** 06/4/24
Lab Code: R2405019-010 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405019
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-132 **Date Collected:** 06/4/24
Lab Code: R2405019-011 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-133 **Date Collected:** 06/4/24
Lab Code: R2405019-012 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-134 **Date Collected:** 06/4/24
Lab Code: R2405019-013 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-135 **Date Collected:** 06/4/24
Lab Code: R2405019-014 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-136 **Date Collected:** 06/4/24
Lab Code: R2405019-015 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405019
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-137 **Date Collected:** 06/4/24
Lab Code: R2405019-016 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-138A **Date Collected:** 06/4/24
Lab Code: R2405019-017 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-138B **Date Collected:** 06/4/24
Lab Code: R2405019-018 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-139 **Date Collected:** 06/4/24
Lab Code: R2405019-019 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-140 **Date Collected:** 06/4/24
Lab Code: R2405019-020 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405019
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-141 **Date Collected:** 06/4/24
Lab Code: R2405019-021 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-142 **Date Collected:** 06/4/24
Lab Code: R2405019-022 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-143 **Date Collected:** 06/4/24
Lab Code: R2405019-023 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-144 **Date Collected:** 06/4/24
Lab Code: R2405019-024 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-145 **Date Collected:** 06/4/24
Lab Code: R2405019-025 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405019
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-146 **Date Collected:** 06/4/24
Lab Code: R2405019-026 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-147 **Date Collected:** 06/4/24
Lab Code: R2405019-027 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-148 **Date Collected:** 06/4/24
Lab Code: R2405019-028 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-149 **Date Collected:** 06/4/24
Lab Code: R2405019-029 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-150 **Date Collected:** 06/4/24
Lab Code: R2405019-030 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405019
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-153A **Date Collected:** 06/4/24
Lab Code: R2405019-031 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-153B **Date Collected:** 06/4/24
Lab Code: R2405019-032 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-155 **Date Collected:** 06/4/24
Lab Code: R2405019-033 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-156 **Date Collected:** 06/4/24
Lab Code: R2405019-034 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-158 **Date Collected:** 06/4/24
Lab Code: R2405019-035 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-159	**Date Collected:**	06/4/24
Lab Code:	R2405019-036	**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:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:53
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-123	**Basis:**	NA
Lab Code:	R2405019-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**17.0**	ug/L	1.0	1	06/17/24 16:33	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:54
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-124	**Basis:**	NA
Lab Code:	R2405019-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**20.7**	ug/L	1.0	1	06/17/24 16:39	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:55
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-125	**Basis:**	NA
Lab Code:	R2405019-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**10.8**	ug/L	1.0	1	06/17/24 16:41	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:56
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-126	**Basis:**	NA
Lab Code:	R2405019-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.0**	ug/L	1.0	1	06/17/24 16:43	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:57
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-127A	**Basis:**	NA
Lab Code:	R2405019-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 16:45	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:58
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-127B	**Basis:**	NA
Lab Code:	R2405019-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 16:46	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 00:59
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-128	**Basis:**	NA
Lab Code:	R2405019-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.3**	ug/L	1.0	1	06/17/24 16:52	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:00
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-129	**Basis:**	NA
Lab Code:	R2405019-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.1**	ug/L	1.0	1	06/17/24 16:54	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:01
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-130	**Basis:**	NA
Lab Code:	R2405019-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.5**	ug/L	1.0	1	06/17/24 16:56	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:02
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-131	**Basis:**	NA
Lab Code:	R2405019-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.8**	ug/L	1.0	1	06/17/24 16:58	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:03
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-132	**Basis:**	NA
Lab Code:	R2405019-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 17:00	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:04
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-133	**Basis:**	NA
Lab Code:	R2405019-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.9**	ug/L	1.0	1	06/17/24 17:02	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:05
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-134	**Basis:**	NA
Lab Code:	R2405019-013		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 17:03	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:06
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-135	**Basis:**	NA
Lab Code:	R2405019-014		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 17:05	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:07
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-136	**Basis:**	NA
Lab Code:	R2405019-015		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**9.0**	ug/L	1.0	1	06/17/24 17:07	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:08
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-137	**Basis:**	NA
Lab Code:	R2405019-016		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.4**	ug/L	1.0	1	06/17/24 17:09	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:09
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-138A	**Basis:**	NA
Lab Code:	R2405019-017		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 17:15	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:10
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-138B	**Basis:**	NA
Lab Code:	R2405019-018		

Inorganic Parameters

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

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:11
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-139	**Basis:**	NA
Lab Code:	R2405019-019		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 17:19	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:12
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-140	**Basis:**	NA
Lab Code:	R2405019-020		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 17:21	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:13
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-141	**Basis:**	NA
Lab Code:	R2405019-021		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 17:40	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:14
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-142	**Basis:**	NA
Lab Code:	R2405019-022		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.2**	ug/L	1.0	1	06/17/24 17:45	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:15
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-143	**Basis:**	NA
Lab Code:	R2405019-023		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 17:47	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:16
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-144	**Basis:**	NA
Lab Code:	R2405019-024		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**5.5**	ug/L	1.0	1	06/17/24 17:49	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:17
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-145	**Basis:**	NA
Lab Code:	R2405019-025		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.6**	ug/L	1.0	1	06/17/24 17:51	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:18
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-146	**Basis:**	NA
Lab Code:	R2405019-026		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 17:53	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:19
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-147	**Basis:**	NA
Lab Code:	R2405019-027		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.4**	ug/L	1.0	1	06/17/24 17:59	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:20
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-148	**Basis:**	NA
Lab Code:	R2405019-028		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.0**	ug/L	1.0	1	06/17/24 18:01	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:21
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-149	**Basis:**	NA
Lab Code:	R2405019-029		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**5.3**	ug/L	1.0	1	06/17/24 18:03	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:22
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-150	**Basis:**	NA
Lab Code:	R2405019-030		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**6.0**	ug/L	1.0	1	06/17/24 18:04	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:23
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-153A	**Basis:**	NA
Lab Code:	R2405019-031		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 18:06	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-153B	**Basis:**	NA
Lab Code:	R2405019-032		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 18:08	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:25
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-155	**Basis:**	NA
Lab Code:	R2405019-033		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**21.1**	ug/L	1.0	1	06/17/24 18:10	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:26
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-156	**Basis:**	NA
Lab Code:	R2405019-034		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**15.1**	ug/L	1.0	1	06/17/24 18:12	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:27
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-158	**Basis:**	NA
Lab Code:	R2405019-035		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 18:14	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:28
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-159	**Basis:**	NA
Lab Code:	R2405019-036		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/17/24 18:16	

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

Client:	Stohl Environmental	**Service Request:**	R2405019
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:	R2405019-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	06/17/24 16:29	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405019
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:	R2405019-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	06/17/24 17:36	

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/17/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-123	**Units:**	ug/L
Lab Code:	R2405019-001	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405019-001MS			R2405019-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	17.0	37.6	20.0	103	38.8	20.0	109	70-130	3	20

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

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

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

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

Client:	Stohl Environmental	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/17/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-140	**Units:**	ug/L
Lab Code:	R2405019-020	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405019-020MS			R2405019-020DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	ND U	20.3	20.0	101	20.6	20.0	103	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	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/17/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-141	**Units:**	ug/L
Lab Code:	R2405019-021	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405019-021MS			R2405019-021DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	ND U	20.7	20.0	104	21.1	20.0	106	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	**Service Request:**	R2405019
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Analyzed:**	06/17/24
Sample Matrix:	Drinking Water		

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405019-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.8	20.0	104	85-115

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

Service Request: R2405019
Date Analyzed: 06/17/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405019-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.8	20.0	104	85-115

June 19, 2024 Service Request No:R2405020

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 June 07, 2024
For your reference, these analyses have been assigned our service request number **R2405020.**

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

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Narrative Documents

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ALS Environmental

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

Service Request: R2405020
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 06/19/2024

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: 104.1-161			Lab ID: R2405020-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	9.2			1.0	ug/L	200.8

CLIENT ID: 104.1-162			Lab ID: R2405020-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.6			1.0	ug/L	200.8

CLIENT ID: 104.1-163			Lab ID: R2405020-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.1			1.0	ug/L	200.8

CLIENT ID: 104.1-164			Lab ID: R2405020-005			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	17.7			1.0	ug/L	200.8

CLIENT ID: 104.1-165			Lab ID: R2405020-006			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.9			1.0	ug/L	200.8

CLIENT ID: 104.1-166			Lab ID: R2405020-007			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.8			1.0	ug/L	200.8

CLIENT ID: 104.1-167			Lab ID: R2405020-008			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	14.7			1.0	ug/L	200.8

CLIENT ID: 104.1-168			Lab ID: R2405020-009			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	12.4			1.0	ug/L	200.8

CLIENT ID: 104.1-169			Lab ID: R2405020-010			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	6.9			1.0	ug/L	200.8

CLIENT ID: 104.1-171			Lab ID: R2405020-011			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	29.8			1.0	ug/L	200.8

CLIENT ID: 104.1-172			Lab ID: R2405020-012			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	12.2			1.0	ug/L	200.8

CLIENT ID: 104.1-173			Lab ID: R2405020-013			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	73.0			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: 104.1-174			Lab ID: R2405020-014			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	14.7			1.0	ug/L	200.8

CLIENT ID: 104.1-175			Lab ID: R2405020-015			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	11.3			1.0	ug/L	200.8

CLIENT ID: 104.1-176			Lab ID: R2405020-016			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	56.0			1.0	ug/L	200.8

CLIENT ID: 104.1-177			Lab ID: R2405020-017			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	20.3			1.0	ug/L	200.8

CLIENT ID: 104.1-178			Lab ID: R2405020-018			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	16.2			1.0	ug/L	200.8

CLIENT ID: 104.1-179			Lab ID: R2405020-019			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.2			1.0	ug/L	200.8

CLIENT ID: 104.1-181			Lab ID: R2405020-020			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.4			1.0	ug/L	200.8

CLIENT ID: 104.1-182			Lab ID: R2405020-021			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.6			1.0	ug/L	200.8

CLIENT ID: 104.1-183			Lab ID: R2405020-022			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.8			1.0	ug/L	200.8

CLIENT ID: 104.1-184			Lab ID: R2405020-023			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.6			1.0	ug/L	200.8

CLIENT ID: 104.1-188			Lab ID: R2405020-024			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	44.7			1.0	ug/L	200.8

CLIENT ID: 104.1-189			Lab ID: R2405020-025			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	15.1			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: 104.1-190			Lab ID: R2405020-026			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	5.2			1.0	ug/L	200.8

CLIENT ID: 104.1-191			Lab ID: R2405020-027			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.1			1.0	ug/L	200.8

CLIENT ID: 104.1-192			Lab ID: R2405020-028			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.0			1.0	ug/L	200.8

CLIENT ID: 104.1-193			Lab ID: R2405020-029			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.8			1.0	ug/L	200.8

CLIENT ID: 104.1-195			Lab ID: R2405020-031			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.1			1.0	ug/L	200.8

CLIENT ID: 104.1-196			Lab ID: R2405020-032			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.4			1.0	ug/L	200.8

CLIENT ID: 104.1-197			Lab ID: R2405020-033			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.2			1.0	ug/L	200.8

CLIENT ID: 104.1-198			Lab ID: R2405020-034			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.9			1.0	ug/L	200.8

CLIENT ID: 104.1-199			Lab ID: R2405020-035			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.5			1.0	ug/L	200.8

CLIENT ID: 104.1-200			Lab ID: R2405020-036			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.8			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:**R2405020
Project: Lancaster CSD - Lancaster HS/2023L-104.1

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2405020-001	104.1-160	6/4/2024	0129
R2405020-002	104.1-161	6/4/2024	0130
R2405020-003	104.1-162	6/4/2024	0131
R2405020-004	104.1-163	6/4/2024	0132
R2405020-005	104.1-164	6/4/2024	0133
R2405020-006	104.1-165	6/4/2024	0134
R2405020-007	104.1-166	6/4/2024	0135
R2405020-008	104.1-167	6/4/2024	0136
R2405020-009	104.1-168	6/4/2024	0137
R2405020-010	104.1-169	6/4/2024	0138
R2405020-011	104.1-171	6/4/2024	0139
R2405020-012	104.1-172	6/4/2024	0140
R2405020-013	104.1-173	6/4/2024	0141
R2405020-014	104.1-174	6/4/2024	0142
R2405020-015	104.1-175	6/4/2024	0143
R2405020-016	104.1-176	6/4/2024	0144
R2405020-017	104.1-177	6/4/2024	0145
R2405020-018	104.1-178	6/4/2024	0146
R2405020-019	104.1-179	6/4/2024	0147
R2405020-020	104.1-181	6/4/2024	0148
R2405020-021	104.1-182	6/4/2024	0149
R2405020-022	104.1-183	6/4/2024	0150
R2405020-023	104.1-184	6/4/2024	0151
R2405020-024	104.1-188	6/4/2024	0152
R2405020-025	104.1-189	6/4/2024	0153
R2405020-026	104.1-190	6/4/2024	0154
R2405020-027	104.1-191	6/4/2024	0155
R2405020-028	104.1-192	6/4/2024	0156
R2405020-029	104.1-193	6/4/2024	0157
R2405020-030	104.1-194	6/4/2024	0158
R2405020-031	104.1-195	6/4/2024	0159
R2405020-032	104.1-196	6/4/2024	0200
R2405020-033	104.1-197	6/4/2024	0201
R2405020-034	104.1-198	6/4/2024	0202
R2405020-035	104.1-199	6/4/2024	0203
R2405020-036	104.1-200	6/4/2024	0204

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 # 2023L-104.1

5

R2405020
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
104.1-160	Room 125 Hallway	Drinking Fountain	1:29
104.1-161	Room 128A	Sink	1:30
104.1-162	Boys Lav B5 Left	Sink	1:31
104.1-163	Boys Lav B5 Right	Sink	1:32
104.1-164	Girls Lav G5 Left	Sink	1:33
104.1-165	Girls Lav G5 Center	Sink	1:34
104.1-166	Girls Lav G5 Right	Sink	1:35
104.1-167	Room 128 Left	Sink	1:36
104.1-168	Room 128 Right	Sink	1:37
104.1-169	Room 130A	Sink	1:38
104.1-171	Room 129 Back	Sink	1:39
104.1-172	Room 131A	Sink	1:40
~~104.1-173~~	~~Room 130 Left Wall Left Sink~~	Sink	1:41
104.1-174	Room 130 Left Wall Center Sink	Sink	1:42
104.1-175	Room 130 Left Wall Right Sink	Sink	1:43
104.1-176	Room 130 Back Wall Left Sink	Sink	1:44
104.1-177	Room 130 Back Wall Middle Sink	Sink	1:45
104.1-178	Room 130 Back Wall Right Sink	Sink	1:46

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

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/4/2024

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

Received (Name / Lab): Date: 6/7/24 Time: 0910

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 9 of 12

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 # 2023L-104.1

R2405020 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
104.1-179	Room 131 Front	Sink	1:47
104.1-181	Fac Lav 122B Left	Sink	1:48
104.1-182	Fac Lav 122B Right	Sink	1:49
104.1-183	Fac Lav 122A Left	Sink	1:50
104.1-184	Fac Lav 122A Right	Sink	1:51
104.1-188	2nd Floor North Women's Fac Lav Left	Sink	1:52
104.1-189	2nd Floor North Women's Fac Lav Left Center	Sink	1:53
104.1-190	2nd Floor North Women's Fac Lav Right Center	Sink	1:54
104.1-191	2nd Floor North Women's Fac Lav Right	Sink	1:55
104.1-192	Room 200.10	Sink	1:56
104.1-193	Room 200.10 Hallway	Drinking Fountain	1:57
104.1-194	Room 207 Hallway	Drinking Fountain	1:58
104.1-195	Girls Lav G4 Left	Sink	1:59
104.1-196	Girls Lav G4 Center	Sink	2:00
104.1-197	Girls Lav G4 Right	Sink	2:01
104.1-198	Boys Lav B4 Left	Sink	2:02
104.1-199	Boys Lav B4 Center	Sink	2:03
104.1-200	Boys Lav B4 Right	Sink	2:04

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

Sampled By:	Drew Theal	Print Name	Stohl Env: Drew Theal	Date:	6/4/2024
Relinquished By:	Rebecca Franjoine	Print Name	Stohl Env: Rebecca Franjoine	Date:	6/6/2024
Received (Name / Lab):			Date: 6/7/24	Time:	0845
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:	

R2405020 5
Stohl Environmental
Lancaster CSD - Lancaster HS

Cooler Receipt and Preservation Check Form

Project/Client Stohl Folder Number

Cooler received on 6/7/24 by: @ 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: 6/7/24 Time: 0845 ID: IR#12 ~~IR#11~~ From: Temp Blank (Sample Bottle)

Temp (°C)	18.8						
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: SM0 by @ on 6/7/24 at 0846
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/8/24 Time: 13:34 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: 100322-2ADD
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

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:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-160	**Date Collected:**	06/4/24
Lab Code:	R2405020-001	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-161	**Date Collected:**	06/4/24
Lab Code:	R2405020-002	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-162	**Date Collected:**	06/4/24
Lab Code:	R2405020-003	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-163	**Date Collected:**	06/4/24
Lab Code:	R2405020-004	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-164	**Date Collected:**	06/4/24
Lab Code:	R2405020-005	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-165	**Date Collected:**	06/4/24
Lab Code:	R2405020-006	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-166	**Date Collected:**	06/4/24
Lab Code:	R2405020-007	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-167	**Date Collected:**	06/4/24
Lab Code:	R2405020-008	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-168	**Date Collected:**	06/4/24
Lab Code:	R2405020-009	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-169	**Date Collected:**	06/4/24
Lab Code:	R2405020-010	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Client: Stohl Environmental **Service Request:** R2405020
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-171 **Date Collected:** 06/4/24
Lab Code: R2405020-011 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name: 104.1-172 **Date Collected:** 06/4/24
Lab Code: R2405020-012 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name: 104.1-173 **Date Collected:** 06/4/24
Lab Code: R2405020-013 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8	CDISTEFANO	MMCMAHON

Sample Name: 104.1-174 **Date Collected:** 06/4/24
Lab Code: R2405020-014 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name: 104.1-175 **Date Collected:** 06/4/24
Lab Code: R2405020-015 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-176	**Date Collected:**	06/4/24
Lab Code:	R2405020-016	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-177	**Date Collected:**	06/4/24
Lab Code:	R2405020-017	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-178	**Date Collected:**	06/4/24
Lab Code:	R2405020-018	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-179	**Date Collected:**	06/4/24
Lab Code:	R2405020-019	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-181	**Date Collected:**	06/4/24
Lab Code:	R2405020-020	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Client: Stohl Environmental **Service Request:** R2405020
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-182 **Date Collected:** 06/4/24
Lab Code: R2405020-021 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name: 104.1-183 **Date Collected:** 06/4/24
Lab Code: R2405020-022 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name: 104.1-184 **Date Collected:** 06/4/24
Lab Code: R2405020-023 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name: 104.1-188 **Date Collected:** 06/4/24
Lab Code: R2405020-024 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name: 104.1-189 **Date Collected:** 06/4/24
Lab Code: R2405020-025 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-190	**Date Collected:**	06/4/24
Lab Code:	R2405020-026	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		MMCMAHON

Sample Name:	104.1-191	**Date Collected:**	06/4/24
Lab Code:	R2405020-027	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-192	**Date Collected:**	06/4/24
Lab Code:	R2405020-028	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-193	**Date Collected:**	06/4/24
Lab Code:	R2405020-029	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-194	**Date Collected:**	06/4/24
Lab Code:	R2405020-030	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-195	**Date Collected:**	06/4/24
Lab Code:	R2405020-031	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-196	**Date Collected:**	06/4/24
Lab Code:	R2405020-032	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-197	**Date Collected:**	06/4/24
Lab Code:	R2405020-033	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-198	**Date Collected:**	06/4/24
Lab Code:	R2405020-034	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-199	**Date Collected:**	06/4/24
Lab Code:	R2405020-035	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-200	**Date Collected:**	06/4/24
Lab Code:	R2405020-036	**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:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:29
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-160	**Basis:**	NA
Lab Code:	R2405020-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 12:45	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:30
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-161	**Basis:**	NA
Lab Code:	R2405020-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**9.2**	ug/L	1.0	1	06/12/24 12:50	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:31
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-162	**Basis:**	NA
Lab Code:	R2405020-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.6**	ug/L	1.0	1	06/12/24 12:52	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:32
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-163	**Basis:**	NA
Lab Code:	R2405020-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.1**	ug/L	1.0	1	06/12/24 12:54	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:33
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-164	**Basis:**	NA
Lab Code:	R2405020-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**17.7**	ug/L	1.0	1	06/12/24 12:56	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:34
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-165	**Basis:**	NA
Lab Code:	R2405020-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.9**	ug/L	1.0	1	06/12/24 13:15	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:35
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-166	**Basis:**	NA
Lab Code:	R2405020-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.8**	ug/L	1.0	1	06/12/24 13:21	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:36
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-167	**Basis:**	NA
Lab Code:	R2405020-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**14.7**	ug/L	1.0	1	06/12/24 13:22	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:37
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-168	**Basis:**	NA
Lab Code:	R2405020-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**12.4**	ug/L	1.0	1	06/12/24 13:24	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:38
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-169	**Basis:**	NA
Lab Code:	R2405020-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**6.9**	ug/L	1.0	1	06/12/24 13:26	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:39
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-171	**Basis:**	NA
Lab Code:	R2405020-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**29.8**	ug/L	1.0	1	06/12/24 13:28	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:40
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-172	**Basis:**	NA
Lab Code:	R2405020-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**12.2**	ug/L	1.0	1	06/12/24 13:34	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:41
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-173	**Basis:**	NA
Lab Code:	R2405020-013		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead, Total	200.8	**73.0**	ug/L	1.0	1	06/14/24 12:24	06/12/24	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:42
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-174	**Basis:**	NA
Lab Code:	R2405020-014		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**14.7**	ug/L	1.0	1	06/12/24 13:36	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:43
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-175	**Basis:**	NA
Lab Code:	R2405020-015		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**11.3**	ug/L	1.0	1	06/12/24 13:37	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:44
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-176	**Basis:**	NA
Lab Code:	R2405020-016		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**56.0**	ug/L	1.0	1	06/12/24 13:39	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:45
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-177	**Basis:**	NA
Lab Code:	R2405020-017		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**20.3**	ug/L	1.0	1	06/12/24 13:41	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:46
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-178	**Basis:**	NA
Lab Code:	R2405020-018		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**16.2**	ug/L	1.0	1	06/12/24 13:43	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:47
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-179	**Basis:**	NA
Lab Code:	R2405020-019		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.2**	ug/L	1.0	1	06/12/24 13:45	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:48
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-181	**Basis:**	NA
Lab Code:	R2405020-020		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.4**	ug/L	1.0	1	06/12/24 13:47	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:49
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-182	**Basis:**	NA
Lab Code:	R2405020-021		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.6**	ug/L	1.0	1	06/12/24 13:49	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:50
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-183	**Basis:**	NA
Lab Code:	R2405020-022		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.8**	ug/L	1.0	1	06/12/24 13:51	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:51
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-184	**Basis:**	NA
Lab Code:	R2405020-023		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.6**	ug/L	1.0	1	06/12/24 13:56	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:52
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-188	**Basis:**	NA
Lab Code:	R2405020-024		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**44.7**	ug/L	1.0	1	06/12/24 13:58	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:53
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-189	**Basis:**	NA
Lab Code:	R2405020-025		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**15.1**	ug/L	1.0	1	06/12/24 14:00	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:54
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-190	**Basis:**	NA
Lab Code:	R2405020-026		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**5.2**	ug/L	1.0	1	06/12/24 14:02	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:55
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-191	**Basis:**	NA
Lab Code:	R2405020-027		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.1**	ug/L	1.0	1	06/13/24 21:12	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:56
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-192	**Basis:**	NA
Lab Code:	R2405020-028		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.0**	ug/L	1.0	1	06/13/24 21:18	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:57
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-193	**Basis:**	NA
Lab Code:	R2405020-029		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.8**	ug/L	1.0	1	06/13/24 21:19	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:58
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-194	**Basis:**	NA
Lab Code:	R2405020-030		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 21:21	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 01:59
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-195	**Basis:**	NA
Lab Code:	R2405020-031		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.1**	ug/L	1.0	1	06/13/24 21:23	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:00
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-196	**Basis:**	NA
Lab Code:	R2405020-032		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.4**	ug/L	1.0	1	06/13/24 21:43	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:01
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-197	**Basis:**	NA
Lab Code:	R2405020-033		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.2**	ug/L	1.0	1	06/13/24 21:48	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:02
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-198	**Basis:**	NA
Lab Code:	R2405020-034		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.9**	ug/L	1.0	1	06/13/24 21:50	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:03
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-199	**Basis:**	NA
Lab Code:	R2405020-035		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.5**	ug/L	1.0	1	06/13/24 21:52	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:04
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-200	**Basis:**	NA
Lab Code:	R2405020-036		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.8**	ug/L	1.0	1	06/13/24 21:54	

QC Summary 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

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:**	R2405020
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:	R2405020-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	06/14/24 12:11	06/12/24	
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 12:05	NA	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
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:	R2405020-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	06/12/24 13:11	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
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:	R2405020-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	06/13/24 21:39	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405020
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:	R2405020-MB4		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/13/24 20:32	

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-164	**Units:**	ug/L
Lab Code:	R2405020-005	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405020-005MS			R2405020-005DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	17.7	38.0	20.0	102	38.2	20.0	103	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:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-165	**Units:**	ug/L
Lab Code:	R2405020-006	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405020-006MS			R2405020-006DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	3.9	25.3	20.0	107	24.6	20.0	104	70-130	3	20

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

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

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

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

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-190	**Units:**	ug/L
Lab Code:	R2405020-026	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405020-026MS			R2405020-026DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	5.2	26.0	20.0	104	26.0	20.0	104	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:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/13/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-195	**Units:**	ug/L
Lab Code:	R2405020-031	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405020-031MS			R2405020-031DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	2.1	22.8	20.0	103	22.1	20.0	100	70-130	3	20

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

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

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

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

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/13/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-196	**Units:**	ug/L
Lab Code:	R2405020-032	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405020-032MS			R2405020-032DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	1.4	20.8	20.0	97	21.5	20.0	101	70-130	3	20

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

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

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

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

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

Service Request: R2405020
Date Analyzed: 06/12/24 - 06/14/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405020-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.8	20.0	104	85-115
Lead, Total	200.8	21.4	20.0	107	85-115

Client:	Stohl Environmental	**Service Request:**	R2405020
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Analyzed:**	06/12/24
Sample Matrix:	Drinking Water		

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405020-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.4	20.0	102	85-115

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

Service Request: R2405020
Date Analyzed: 06/13/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405020-LCS3

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.7	20.0	104	85-115

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

Service Request: R2405020
Date Analyzed: 06/13/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405020-LCS4

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.5	20.0	103	85-115

June 13, 2024 Service Request No:R2405021

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 June 07, 2024
For your reference, these analyses have been assigned our service request number **R2405021.**

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

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ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
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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: R2405021
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 three 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 06/13/2024

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: 104.1-201			Lab ID: R2405021-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.7			1.0	ug/L	200.8

CLIENT ID: 104.1-202			Lab ID: R2405021-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.5			1.0	ug/L	200.8

CLIENT ID: 104.1-203			Lab ID: R2405021-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.5			1.0	ug/L	200.8

CLIENT ID: 104.1-204			Lab ID: R2405021-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.8			1.0	ug/L	200.8

CLIENT ID: 104.1-205			Lab ID: R2405021-005			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.5			1.0	ug/L	200.8

CLIENT ID: 104.1-206			Lab ID: R2405021-006			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.8			1.0	ug/L	200.8

CLIENT ID: 104.1-207			Lab ID: R2405021-007			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.2			1.0	ug/L	200.8

CLIENT ID: 104.1-209			Lab ID: R2405021-009			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.1			1.0	ug/L	200.8

CLIENT ID: 104.1-210			Lab ID: R2405021-010			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.2			1.0	ug/L	200.8

CLIENT ID: 104.1-211			Lab ID: R2405021-011			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.3			1.0	ug/L	200.8

CLIENT ID: 104.1-212			Lab ID: R2405021-012			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.1			1.0	ug/L	200.8

CLIENT ID: 104.1-214			Lab ID: R2405021-015			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	4.5			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: 104.1-215			Lab ID: R2405021-016			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.6			1.0	ug/L	200.8

CLIENT ID: 104.1-216			Lab ID: R2405021-017			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.7			1.0	ug/L	200.8

CLIENT ID: 104.1-217			Lab ID: R2405021-018			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	2.4			1.0	ug/L	200.8

CLIENT ID: 104.1-218			Lab ID: R2405021-019			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.9			1.0	ug/L	200.8

CLIENT ID: 104.1-224			Lab ID: R2405021-025			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	1.1			1.0	ug/L	200.8

CLIENT ID: 104.1-225			Lab ID: R2405021-026			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	11.3			1.0	ug/L	200.8

CLIENT ID: 104.1-227			Lab ID: R2405021-029			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	3.6			1.0	ug/L	200.8

CLIENT ID: 104.1-228			Lab ID: R2405021-030			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	11.7			1.0	ug/L	200.8

CLIENT ID: 104.1-229			Lab ID: R2405021-031			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	9.2			1.0	ug/L	200.8

CLIENT ID: 104.1-230			Lab ID: R2405021-032			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	9.4			1.0	ug/L	200.8

CLIENT ID: 104.1-231			Lab ID: R2405021-033			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead, Total	5.7			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:**R2405021
Project: Lancaster CSD - Lancaster HS/2023L-104.1

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2405021-001	104.1-201	6/4/2024	0205
R2405021-002	104.1-202	6/4/2024	0206
R2405021-003	104.1-203	6/4/2024	0207
R2405021-004	104.1-204	6/4/2024	0208
R2405021-005	104.1-205	6/4/2024	0209
R2405021-006	104.1-206	6/4/2024	0210
R2405021-007	104.1-207	6/4/2024	0211
R2405021-008	104.1-208	6/4/2024	0212
R2405021-009	104.1-209	6/4/2024	0213
R2405021-010	104.1-210	6/4/2024	0214
R2405021-011	104.1-211	6/4/2024	0215
R2405021-012	104.1-212	6/4/2024	0216
R2405021-013	104.1-213A	6/4/2024	0217
R2405021-014	104.1-213B	6/4/2024	0218
R2405021-015	104.1-214	6/4/2024	0219
R2405021-016	104.1-215	6/4/2024	0220
R2405021-017	104.1-216	6/4/2024	0221
R2405021-018	104.1-217	6/4/2024	0222
R2405021-019	104.1-218	6/4/2024	0223
R2405021-020	104.1-219	6/4/2024	0224
R2405021-021	104.1-220	6/4/2024	0225
R2405021-022	104.1-221	6/4/2024	0226
R2405021-023	104.1-222	6/4/2024	0227
R2405021-024	104.1-223	6/4/2024	0228
R2405021-025	104.1-224	6/4/2024	0229
R2405021-026	104.1-225	6/4/2024	0230
R2405021-027	104.1-226A	6/4/2024	0231
R2405021-028	104.1-226B	6/4/2024	0232
R2405021-029	104.1-227	6/4/2024	0233
R2405021-030	104.1-228	6/4/2024	0234
R2405021-031	104.1-229	6/4/2024	0235
R2405021-032	104.1-230	6/4/2024	0236
R2405021-033	104.1-231	6/4/2024	0237

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 # 2023L-104.1

R2405021 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
104.1-201	Room 210	Sink	2:05
104.1-202	Fac Room 243 Ladies Lav	Sink	2:06
104.1-203	Fac Room 243 Mens Lav	Sink	2:07
104.1-204	Fac Room 243 Kitchenette	Sink	2:08
104.1-205	Boys Lav B8 left	Sink	2:09
104.1-206	Boys Lav B8 Center	Sink	2:10
104.1-207	Boys Lav B8 Right	Sink	2:11
104.1-208	Between Lavs B8 and G8	Drinking Fountain	2:12
104.1-209	Girls Lav G8 Left	Sink	2:13
104.1-210	Girls Lav G8 Center	Sink	2:14
104.1-211	Girls Lav G8 right	Sink	2:15
104.1-212	Room 233 Hallway	Drinking Fountain	2:16
104.1-213A	Room 227 Hallway Fountain - Bubbler	Drinking Fountain	2:17
104.1-213B	Room 227 Hallway Fountain - Bottle Filler	Bottle Fill	2:18
104.1-214	Girls Lav G6 Left	Sink	2:19
104.1-215	Girls Lav G6 Center	Sink	2:20
104.1-216	Girls Lav G6 Right	Sink	2:21
104.1-217	Boys Lav B6 Left	Sink	2:22

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

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/4/2024

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

Received (Name / Lab): Date: 6/7/24 Time: 0840

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:

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 # 2023L-104.1

R2405021
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
104.1-218	Boys Lav B6 Right	Sink	2:23
104.1-219	Boys South Lav Left	Sink	2:24
104.1-220	Boys South Lav Right	Sink	2:25
104.1-221	South End Lobby Left	Drinking Fountain	2:26
104.1-222	South End Lobby Right	Drinking Fountain	2:27
104.1-223	Girls South Lav Left	Sink	2:28
104.1-224	Girls South Lav Right	Sink	2:29
104.1-225	Room 216	Sink	2:30
104.1-226A	fountain to the right of Rm 215 - BUbbler	Drinking Fountain	2:31
104.1-226B	fountain to the right of Rm 215 - BUbbler	Bottle Fill	2:32
104.1-227	Media Center 245.2	Sink	2:33
1104.1-228	Basement Rifle Range Hallway	Sink	2:34
104.1-229	Basement Rifle Range Hallway	Drinking Fountain	2:35
104.1-230	Basement Laundry Room	Sink	2:36
104.1-231	Basement Staff Lav	Sink	2:37

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

Sampled By:	Drew Theal	Print Name	Stohl Env: Drew Theal	Date:	6/4/2024
Relinquished By:	Rebecca Franjoine	Print Name	Stohl Env: Rebecca Franjoine	Date:	6/6/2024
Received (Name / Lab):			Date: 6/7/24	Time:	0840
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 12 of 12

R2405021 5
Stohl Environmental
Lancaster CSD - Lancaster HS

Cooler Receipt and Preservation Check Form

Project/Client Stohl Folder Number

Cooler received on 6/7/24 by: @ 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: 6/7/24 Time: 0845 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Temp (°C)	18.8						
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: SM10 by @ on 6/7/24 at 0846
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/8/24 Time: 13:50 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	721523	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: 100322-2A05

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

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:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-201	**Date Collected:**	06/4/24
Lab Code:	R2405021-001	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-202	**Date Collected:**	06/4/24
Lab Code:	R2405021-002	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-203	**Date Collected:**	06/4/24
Lab Code:	R2405021-003	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-204	**Date Collected:**	06/4/24
Lab Code:	R2405021-004	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-205	**Date Collected:**	06/4/24
Lab Code:	R2405021-005	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-206	**Date Collected:**	06/4/24
Lab Code:	R2405021-006	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-207	**Date Collected:**	06/4/24
Lab Code:	R2405021-007	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-208	**Date Collected:**	06/4/24
Lab Code:	R2405021-008	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-209	**Date Collected:**	06/4/24
Lab Code:	R2405021-009	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-210	**Date Collected:**	06/4/24
Lab Code:	R2405021-010	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-211	**Date Collected:**	06/4/24
Lab Code:	R2405021-011	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-212	**Date Collected:**	06/4/24
Lab Code:	R2405021-012	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-213A	**Date Collected:**	06/4/24
Lab Code:	R2405021-013	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-213B	**Date Collected:**	06/4/24
Lab Code:	R2405021-014	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-214	**Date Collected:**	06/4/24
Lab Code:	R2405021-015	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405021
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-215 **Date Collected:** 06/4/24
Lab Code: R2405021-016 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-216 **Date Collected:** 06/4/24
Lab Code: R2405021-017 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-217 **Date Collected:** 06/4/24
Lab Code: R2405021-018 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-218 **Date Collected:** 06/4/24
Lab Code: R2405021-019 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-219 **Date Collected:** 06/4/24
Lab Code: R2405021-020 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client: Stohl Environmental **Service Request:** R2405021
Project: Lancaster CSD - Lancaster HS/2023L-104.1

Sample Name: 104.1-220 **Date Collected:** 06/4/24
Lab Code: R2405021-021 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-221 **Date Collected:** 06/4/24
Lab Code: R2405021-022 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-222 **Date Collected:** 06/4/24
Lab Code: R2405021-023 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-223 **Date Collected:** 06/4/24
Lab Code: R2405021-024 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name: 104.1-224 **Date Collected:** 06/4/24
Lab Code: R2405021-025 **Date Received:** 06/7/24
Sample Matrix: Drinking Water

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-225	**Date Collected:**	06/4/24
Lab Code:	R2405021-026	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-226A	**Date Collected:**	06/4/24
Lab Code:	R2405021-027	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-226B	**Date Collected:**	06/4/24
Lab Code:	R2405021-028	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-227	**Date Collected:**	06/4/24
Lab Code:	R2405021-029	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-228	**Date Collected:**	06/4/24
Lab Code:	R2405021-030	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1		

Sample Name:	104.1-229	**Date Collected:**	06/4/24
Lab Code:	R2405021-031	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-230	**Date Collected:**	06/4/24
Lab Code:	R2405021-032	**Date Received:**	06/7/24
Sample Matrix:	Drinking Water		

Analysis Method	Extracted/Digested By	Analyzed By
200.8		NMANSEN

Sample Name:	104.1-231	**Date Collected:**	06/4/24
Lab Code:	R2405021-033	**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:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:05
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-201	**Basis:**	NA
Lab Code:	R2405021-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.7**	ug/L	1.0	1	06/12/24 18:13	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:06
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-202	**Basis:**	NA
Lab Code:	R2405021-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.5**	ug/L	1.0	1	06/12/24 18:15	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:07
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-203	**Basis:**	NA
Lab Code:	R2405021-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.5**	ug/L	1.0	1	06/12/24 18:17	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:08
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-204	**Basis:**	NA
Lab Code:	R2405021-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.8**	ug/L	1.0	1	06/12/24 18:19	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:09
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-205	**Basis:**	NA
Lab Code:	R2405021-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.5**	ug/L	1.0	1	06/12/24 18:38	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:10
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-206	**Basis:**	NA
Lab Code:	R2405021-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.8**	ug/L	1.0	1	06/12/24 18:44	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:11
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-207	**Basis:**	NA
Lab Code:	R2405021-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.2**	ug/L	1.0	1	06/12/24 18:46	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:12
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-208	**Basis:**	NA
Lab Code:	R2405021-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 18:48	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:13
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-209	**Basis:**	NA
Lab Code:	R2405021-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.1**	ug/L	1.0	1	06/12/24 18:50	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:14
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-210	**Basis:**	NA
Lab Code:	R2405021-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.2**	ug/L	1.0	1	06/12/24 18:52	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:15
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-211	**Basis:**	NA
Lab Code:	R2405021-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.3**	ug/L	1.0	1	06/12/24 18:57	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:16
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-212	**Basis:**	NA
Lab Code:	R2405021-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.1**	ug/L	1.0	1	06/12/24 18:59	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:17
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-213A	**Basis:**	NA
Lab Code:	R2405021-013		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 19:01	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:18
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-213B	**Basis:**	NA
Lab Code:	R2405021-014		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 19:03	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:19
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-214	**Basis:**	NA
Lab Code:	R2405021-015		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**4.5**	ug/L	1.0	1	06/12/24 19:05	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:20
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-215	**Basis:**	NA
Lab Code:	R2405021-016		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.6**	ug/L	1.0	1	06/12/24 19:07	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:21
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-216	**Basis:**	NA
Lab Code:	R2405021-017		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.7**	ug/L	1.0	1	06/12/24 19:09	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:22
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-217	**Basis:**	NA
Lab Code:	R2405021-018		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**2.4**	ug/L	1.0	1	06/12/24 19:11	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:23
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-218	**Basis:**	NA
Lab Code:	R2405021-019		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.9**	ug/L	1.0	1	06/12/24 19:13	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-219	**Basis:**	NA
Lab Code:	R2405021-020		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 19:15	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:25
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-220	**Basis:**	NA
Lab Code:	R2405021-021		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 19:20	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:26
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-221	**Basis:**	NA
Lab Code:	R2405021-022		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 19:22	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:27
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-222	**Basis:**	NA
Lab Code:	R2405021-023		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 19:24	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:28
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-223	**Basis:**	NA
Lab Code:	R2405021-024		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 19:26	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:29
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-224	**Basis:**	NA
Lab Code:	R2405021-025		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**1.1**	ug/L	1.0	1	06/12/24 19:45	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:30
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-225	**Basis:**	NA
Lab Code:	R2405021-026		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**11.3**	ug/L	1.0	1	06/12/24 19:51	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:31
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-226A	**Basis:**	NA
Lab Code:	R2405021-027		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 19:53	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:32
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-226B	**Basis:**	NA
Lab Code:	R2405021-028		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	06/12/24 19:55	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:33
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-227	**Basis:**	NA
Lab Code:	R2405021-029		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**3.6**	ug/L	1.0	1	06/12/24 19:57	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:34
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-228	**Basis:**	NA
Lab Code:	R2405021-030		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**11.7**	ug/L	1.0	1	06/12/24 19:59	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:35
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-229	**Basis:**	NA
Lab Code:	R2405021-031		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**9.2**	ug/L	1.0	1	06/12/24 20:04	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:36
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-230	**Basis:**	NA
Lab Code:	R2405021-032		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**9.4**	ug/L	1.0	1	06/12/24 20:06	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24 02:37
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24 08:40
Sample Name:	104.1-231	**Basis:**	NA
Lab Code:	R2405021-033		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	**5.7**	ug/L	1.0	1	06/12/24 20:08	

QC Summary 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

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:**	R2405021
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:	R2405021-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	06/12/24 17:27	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
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:	R2405021-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	06/12/24 18:34	

Analytical Report

Client:	Stohl Environmental	**Service Request:**	R2405021
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:	R2405021-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	06/12/24 19:41	

Client:	Stohl Environmental	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-204	**Units:**	ug/L
Lab Code:	R2405021-004	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405021-004MS			R2405021-004DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	1.8	22.6	20.0	104	22.2	20.0	102	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	**Service Request:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-205	**Units:**	ug/L
Lab Code:	R2405021-005	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405021-005MS			R2405021-005DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	2.5	22.4	20.0	100	22.4	20.0	100	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:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-223	**Units:**	ug/L
Lab Code:	R2405021-024	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405021-024MS			R2405021-024DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	ND U	19.9	20.0	100	20.0	20.0	100	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:**	R2405021
Project:	Lancaster CSD - Lancaster HS/2023L-104.1	**Date Collected:**	06/04/24
Sample Matrix:	Drinking Water	**Date Received:**	06/07/24
		Date Analyzed:	06/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name:	104.1-224	**Units:**	ug/L
Lab Code:	R2405021-025	**Basis:**	NA
Analysis Method:	200.8		

		Matrix Spike			Duplicate Matrix Spike					
		R2405021-025MS			R2405021-025DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Lead, Total	1.1	20.9	20.0	99	21.5	20.0	102	70-130	3	20

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

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

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

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

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

Service Request: R2405021
Date Analyzed: 06/12/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405021-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.5	20.0	103	85-115

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

Service Request: R2405021
Date Analyzed: 06/12/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405021-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	21.0	20.0	105	85-115

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

Service Request: R2405021
Date Analyzed: 06/12/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405021-LCS3

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.5	20.0	103	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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