

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:

- Middle School – 148 Aurora Street, Lancaster, New York

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

Sampling was performed on June 5, 2024. As detailed in Section 1.2 (*Executive Summary*) of the accompanying report, based upon the sampling and analysis performed, 10 sources of potable water in the Middle 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.



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 5, 2024

Summary Tabulation

Lead in Drinking Water Investigation

- 1.1. Scope of Work and Sampling Protocol
- 1.2. Executive Summary of Sampling and Analysis
- 1.3. Response Actions Required Under NYS Regulations
- 1.4. Laboratory Analytical Reports and Chain of Custody Documents
- 1.5. Laboratory Certifications

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:

- Middle School – 148 Aurora Street, Lancaster, New York

Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from outlets within the Middle 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).

1.2 Executive Summary of Sampling and Analysis:

Summary of Samples Collected at the Middle School:

Building Name	Date of Sampling	Total Samples	At or Below Action Level*	Above Action Level*
Middle School	June 5, 2024	126	116	10

**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)
104.2-10	200 Hallway Girls Lav Center	Sink	5.5
104.2-16	206/204 Middle Office Right	Sink	15.1
104.2-17	206/204 Middle Office Left	Sink	11.3
104.2-56	Room 108A	Sink	11.3
104.2-70	100 Hallway Girls Lav Right	Sink	5.3
104.2-104	Kitchen Dish Sprayer South Wall Right	Sink	72.2
104.2-105	Kitchen Dish Spray by 3 Bay	Sink	645
104.2-106	Kitchen Faucet Next to 3 Bay	Sink	138
104.2-107	Kitchen 3 Bay Left	Sink	16.2
104.2-108	Kitchen 3 Bay Right	Sink	7.9

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.

1.4 Laboratory Analytical Reports and Chain of Custody Documents



July 15, 2024

Service Request No:R2405411

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

Laboratory Results for: Lancaster CSD - Lancaster MS

Dear Michael,

Enclosed are the results of the sample(s) submitted to our laboratory June 12, 2024
For your reference, these analyses have been assigned our service request number **R2405411**.

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 MS
Sample Matrix: Drinking Water

Service Request: R2405411
Date Received: 06/12/2024

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 06/12/2024. 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

A handwritten signature in black ink, appearing to read "Meghan Pedicini".

Date

07/15/2024



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: 104.2-9		Lab ID: R2405411-011				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8
CLIENT ID: 104.2-10		Lab ID: R2405411-012				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	5.5			1.0	ug/L	200.8
CLIENT ID: 104.2-13		Lab ID: R2405411-016				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.7			1.0	ug/L	200.8
CLIENT ID: 104.2-14		Lab ID: R2405411-017				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.6			1.0	ug/L	200.8
CLIENT ID: 104.2-15		Lab ID: R2405411-018				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.3			1.0	ug/L	200.8
CLIENT ID: 104.2-16		Lab ID: R2405411-019				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	15.1			1.0	ug/L	200.8
CLIENT ID: 104.2-17		Lab ID: R2405411-020				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	11.3			1.0	ug/L	200.8
CLIENT ID: 104.2-19		Lab ID: R2405411-023				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.6			1.0	ug/L	200.8
CLIENT ID: 104.2-23		Lab ID: R2405411-027				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.8			1.0	ug/L	200.8
CLIENT ID: 104.2-26		Lab ID: R2405411-032				
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
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request:R2405411

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2405411-001	104.2-1	6/5/2024	2300
R2405411-002	104.2-2	6/5/2024	2301
R2405411-003	104.2-3	6/5/2024	2302
R2405411-004	104.2-4A	6/5/2024	2303
R2405411-005	104.2-4B	6/5/2024	2304
R2405411-006	104.2-5A	6/5/2024	2305
R2405411-007	104.2-5B	6/5/2024	2306
R2405411-008	104.2-6	6/5/2024	2307
R2405411-009	104.2-7	6/5/2024	2308
R2405411-010	104.2-8	6/5/2024	2309
R2405411-011	104.2-9	6/5/2024	2310
R2405411-012	104.2-10	6/5/2024	2311
R2405411-013	104.2-11	6/5/2024	2312
R2405411-014	104.2-12A	6/5/2024	2313
R2405411-015	104.2-12B	6/5/2024	2314
R2405411-016	104.2-13	6/5/2024	2315
R2405411-017	104.2-14	6/5/2024	2316
R2405411-018	104.2-15	6/5/2024	2317
R2405411-019	104.2-16	6/5/2024	2318
R2405411-020	104.2-17	6/5/2024	2319
R2405411-021	104.2-18A	6/5/2024	2320
R2405411-022	104.2-18B	6/5/2024	2321
R2405411-023	104.2-19	6/5/2024	2322
R2405411-024	104.2-20	6/5/2024	2323
R2405411-025	104.2-21	6/5/2024	2324
R2405411-026	104.2-22	6/5/2024	2325
R2405411-027	104.2-23	6/5/2024	2326
R2405411-028	104.2-24A	6/5/2024	2327
R2405411-029	104.2-24B	6/5/2024	2328
R2405411-030	104.2-25A	6/5/2024	2329
R2405411-031	104.2-25B	6/5/2024	2330
R2405411-032	104.2-26	6/5/2024	2331
R2405411-033	104.2-27	6/5/2024	2332
R2405411-034	104.2-28	6/5/2024	2333
R2405411-035	104.2-29	6/5/2024	2334
R2405411-036	104.2-30	6/5/2024	2335



Chain of Custody Document

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

Submitted to: (Lab Name) ALS

STOHL Job # 2023-104.2

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Lancaster MS Location: 148 Aurora St Lancaster, NY 14086

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
104.2-1	3rd Floor Boys Lav - Left	Sink	23:00
104.2-2	3rd Floor Boys Lav - Middle	Sink	23:01
104.2-3	3rd Floor Boys Lav - Right	Sink	23:02
104.2-4A	304 Hallway	Drinking Fountain	23:03
104.2-4B	304 Hallway	Bottle Fill	23:04
104.2-5A	306 Hallway	Drinking Fountain	23:05
104.5B	306 Halway	Bottle Fill	23:06
104.2-6	3rd Floor Girls Lav - Left	Sink	23:07
104.2-7	3rd Floor Girls Lav - Middle	Sink	23:08
104.2-8	3rd Floor Girls Lav - Right	Sink	23:09
104.2-9	200 Hallway Girls Lav Left	Sink	23:10
104.2-10	200 Hallway Girls Lav Center	Sink	23:11
104.2-11	200 Hallway Girls Lav Right	Sink	23:12
104.2-12A	200 Hallway	Drinking Fountain	23:13
104.2-12B	200 Hallway	Bottle Fill	23:14
104.2-13	200 Hallway Boys Lav Left	sink	23:15
104.2-14	200 Hallway Boys Lav Center	Sink	23:16
104.2-15	200 Hallway Boys Lav Right	Sink	23:17

Notes:

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

☒ If checked, also e-mail results to:

Rfranjioine@stohlenvironmental.com

Sampled By: Drew Theal Print Name Drew Theal Stohl Env: Drew Theal Date: 6/5/2024

Relinquished By: Rebecca Franjoine Print Name Rebecca Franjoine Stohl Env: Rebecca Franjoine Date: 6/12/2024

Received (Name / Lab): _____ Date: 6/12/24 Time: 1:20

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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Stohl Environmental
Lancaster CSD - Lancaster MS





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 # 2023-104.2

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Lancaster MS Location: 148 Aurora St Lancaster, NY 14086

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
104.2-16	206/204 Middle Office Right	Sink	23:18
104.2-17	206/204 Middle Office Left	Sink	23:19
104.2-18A	206 Hallway	Drinking Fountain	23:20
104.2-18B	206 Hallway	Bottle Fill	23:21
104.2-19	Art Room 209 Left	Sink	23:22
104.2-20	Art Room 209 Right	Sink	23:23
104.2-21	214 Hallway Boys Lav Left	Sink	23:24
104.2-22	214 Hallway Boys Lav - Middle	Sink	23:25
104.2-23	214 Hallway Boys Lav - Right	Sink	23:26
104.2-24A	214 Hallway	Drinking Fountain	23:27
104.2-24B	214 Hallway	Bottle Fill	23:28
104.2-25A	Library Hallway	Drinking Fountain	23:29
104.2-25B	Library Hallway	Bottle Fill	23:30
104.2-26	Library Kitchenette	Sink	23:31
104.2-27	Library Hallway Girls Lav - Left	Sink	23:32
104.2-28	Library Hallway Girls Lav - Middle	Sink	23:33
104.2-298	Library Hallway Girls Lav - Right	Sink	23:34
104.2-30	2nd Floor All Gender Bathroom	Sink	23:35

Notes:

Please e-mail lab results to labs@stohlenvironmental.com

Rfranjoiene@stohlenvironmental.com

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/5/2024

Relinquished By: Rebecca Franjoine Print Name Stohl Env: Rebecca Franjoine Date: 6/12/2024

Received (Name / Lab): _____ Date: Buddy M Time: 6/12/24 11:20

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: _____

R2405411

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Stohl Environmental
Lancaster CSD - Lancaster MS





R2405411

5

Stahl Environmental
Lancaster CSD - Lancaster MS

Cooler Receipt and Preservation Check Form

Project/Client STOHL Folder Number _____Cooler received on 6/12/24 by: SMCOURIER: ALS UPS FEDEX VELOCITY CLIENT

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

8. Temperature Readings Date: 6/12 Time: 1300 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	<u>20.7</u>						
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: SW by SM on 6/12 at 1315
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y ☐ N ☐Cooler Breakdown/Preservation Check**: Date: 6/18/24 Time: 1150 by: SES
9. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES ☒ NO ☐ no date/times
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 ☐ NA
13. Were dissolved metals filtered in the field? YES ☒ NO ☐ NA
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated NA

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

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

Bottle lot numbers: 440522000

Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: SES

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



Miscellaneous Forms

ALS Environmental—Rochester Laboratory

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

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

www.alsglobal.com



REPORT QUALIFIERS AND DEFINITIONS

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

Rochester Lab ID # for State Accreditations¹



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

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

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

ALS Laboratory Group

Acronyms

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

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405411

Sample Name: 104.2-1
Lab Code: R2405411-001
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-2
Lab Code: R2405411-002
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-3
Lab Code: R2405411-003
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-4A
Lab Code: R2405411-004
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-4B
Lab Code: R2405411-005
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405411

Sample Name: 104.2-5A
Lab Code: R2405411-006
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-5B
Lab Code: R2405411-007
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-6
Lab Code: R2405411-008
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-7
Lab Code: R2405411-009
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-8
Lab Code: R2405411-010
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405411

Sample Name: 104.2-9
Lab Code: R2405411-011
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-10
Lab Code: R2405411-012
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-11
Lab Code: R2405411-013
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-12A
Lab Code: R2405411-014
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-12B
Lab Code: R2405411-015
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405411

Sample Name: 104.2-13
Lab Code: R2405411-016
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-14
Lab Code: R2405411-017
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-15
Lab Code: R2405411-018
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-16
Lab Code: R2405411-019
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-17
Lab Code: R2405411-020
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405411

Sample Name: 104.2-18A
Lab Code: R2405411-021
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-18B
Lab Code: R2405411-022
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-19
Lab Code: R2405411-023
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-20
Lab Code: R2405411-024
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-21
Lab Code: R2405411-025
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405411

Sample Name: 104.2-22
Lab Code: R2405411-026
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-23
Lab Code: R2405411-027
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-24A
Lab Code: R2405411-028
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-24B
Lab Code: R2405411-029
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-25A
Lab Code: R2405411-030
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405411

Sample Name: 104.2-25B
Lab Code: R2405411-031
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-26
Lab Code: R2405411-032
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-27
Lab Code: R2405411-033
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-28
Lab Code: R2405411-034
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-29
Lab Code: R2405411-035
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405411

Sample Name: 104.2-30
Lab Code: R2405411-036
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
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

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Metals

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-1
Lab Code: R2405411-001

Service Request: R2405411
Date Collected: 06/05/24 23:00
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/09/24 20:28	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-2
Lab Code: R2405411-002

Service Request: R2405411
Date Collected: 06/05/24 23:01
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/09/24 20:30	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-3
Lab Code: R2405411-003

Service Request: R2405411
Date Collected: 06/05/24 23:02
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/09/24 20:32	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-4A
Lab Code: R2405411-004

Service Request: R2405411
Date Collected: 06/05/24 23:03
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/09/24 20:34	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-4B
Lab Code: R2405411-005

Service Request: R2405411
Date Collected: 06/05/24 23:04
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/09/24 20:39	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-5A
Lab Code: R2405411-006

Service Request: R2405411
Date Collected: 06/05/24 23:05
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/09/24 20:41	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-5B
Lab Code: R2405411-007

Service Request: R2405411
Date Collected: 06/05/24 23:06
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/09/24 20:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-6
Lab Code: R2405411-008

Service Request: R2405411
Date Collected: 06/05/24 23:07
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/09/24 20:45	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-7
Lab Code: R2405411-009

Service Request: R2405411
Date Collected: 06/05/24 23:08
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 19:07	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-8
Lab Code: R2405411-010

Service Request: R2405411
Date Collected: 06/05/24 23:09
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 19:09	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-9
Lab Code: R2405411-011

Service Request: R2405411
Date Collected: 06/05/24 23:10
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.2	ug/L	1.0	1	07/11/24 19:11	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-10
Lab Code: R2405411-012

Service Request: R2405411
Date Collected: 06/05/24 23:11
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	5.5	ug/L	1.0	1	07/11/24 19:13	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-11
Lab Code: R2405411-013

Service Request: R2405411
Date Collected: 06/05/24 23:12
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 19:15	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-12A
Lab Code: R2405411-014

Service Request: R2405411
Date Collected: 06/05/24 23:13
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 19:17	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-12B
Lab Code: R2405411-015

Service Request: R2405411
Date Collected: 06/05/24 23:14
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 19:19	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-13
Lab Code: R2405411-016

Service Request: R2405411
Date Collected: 06/05/24 23:15
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.7	ug/L	1.0	1	07/11/24 19:21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-14
Lab Code: R2405411-017

Service Request: R2405411
Date Collected: 06/05/24 23:16
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	2.6	ug/L	1.0	1	07/11/24 19:23	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-15
Lab Code: R2405411-018

Service Request: R2405411
Date Collected: 06/05/24 23:17
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.3	ug/L	1.0	1	07/11/24 19:29	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-16
Lab Code: R2405411-019

Service Request: R2405411
Date Collected: 06/05/24 23:18
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	15.1	ug/L	1.0	1	07/11/24 19:31	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-17
Lab Code: R2405411-020

Service Request: R2405411
Date Collected: 06/05/24 23:19
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	11.3	ug/L	1.0	1	07/11/24 19:33	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-18A
Lab Code: R2405411-021

Service Request: R2405411
Date Collected: 06/05/24 23:20
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 19:35	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-18B
Lab Code: R2405411-022

Service Request: R2405411
Date Collected: 06/05/24 23:21
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 19:58	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-19
Lab Code: R2405411-023

Service Request: R2405411
Date Collected: 06/05/24 23:22
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.6	ug/L	1.0	1	07/11/24 20:04	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-20
Lab Code: R2405411-024

Service Request: R2405411
Date Collected: 06/05/24 23:23
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:06	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-21
Lab Code: R2405411-025

Service Request: R2405411
Date Collected: 06/05/24 23:24
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:08	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-22
Lab Code: R2405411-026

Service Request: R2405411
Date Collected: 06/05/24 23:25
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:10	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-23
Lab Code: R2405411-027

Service Request: R2405411
Date Collected: 06/05/24 23:26
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	2.8	ug/L	1.0	1	07/11/24 20:12	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-24A
Lab Code: R2405411-028

Service Request: R2405411
Date Collected: 06/05/24 23:27
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:18	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-24B
Lab Code: R2405411-029

Service Request: R2405411
Date Collected: 06/05/24 23:28
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:20	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-25A
Lab Code: R2405411-030

Service Request: R2405411
Date Collected: 06/05/24 23:29
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:22	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-25B
Lab Code: R2405411-031

Service Request: R2405411
Date Collected: 06/05/24 23:30
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:24	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-26
Lab Code: R2405411-032

Service Request: R2405411
Date Collected: 06/05/24 23:31
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	3.8	ug/L	1.0	1	07/11/24 20:26	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-27
Lab Code: R2405411-033

Service Request: R2405411
Date Collected: 06/05/24 23:32
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:28	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-28
Lab Code: R2405411-034

Service Request: R2405411
Date Collected: 06/05/24 23:33
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:30	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-29
Lab Code: R2405411-035

Service Request: R2405411
Date Collected: 06/05/24 23:34
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:32	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-30
Lab Code: R2405411-036

Service Request: R2405411
Date Collected: 06/05/24 23:35
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:34	



QC Summary Forms

ALS Environmental—Rochester Laboratory

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Metals

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2405411-MB1

Service Request: R2405411
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/09/24 19:53	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2405411-MB2

Service Request: R2405411
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 18:41	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2405411-MB3

Service Request: R2405411
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 19:54	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405411
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/9/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-6
Lab Code: R2405411-008
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike		Result	Duplicate Matrix Spike		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	21.1	20.0	105	22.8	20.0	114	70-130	8	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.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405411
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/11/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-18A
Lab Code: R2405411-021
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike		Result	Duplicate Matrix Spike		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	20.8	20.0	104	21.1	20.0	105	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.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405411
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/11/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-18B
Lab Code: R2405411-022
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike		Result	Duplicate Matrix Spike		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	19.5	20.0	97	20.2	20.0	101	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
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405411
Date Analyzed: 07/09/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405411-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.6	20.0	103	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405411
Date Analyzed: 07/11/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405411-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	21.0	20.0	105	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405411
Date Analyzed: 07/11/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405411-LCS3

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



July 15, 2024

Service Request No:R2405412

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

Laboratory Results for: Lancaster CSD - Lancaster MS

Dear Michael,

Enclosed are the results of the sample(s) submitted to our laboratory June 12, 2024
For your reference, these analyses have been assigned our service request number **R2405412**.

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

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

Service Request: R2405412
Date Received: 06/12/2024

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 06/12/2024. 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 Meghan Pedro

Date 07/15/2024



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: 104.2-44		Lab ID: R2405412-014				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.1			1.0	ug/L	200.8
CLIENT ID: 104.2-45		Lab ID: R2405412-015				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.1			1.0	ug/L	200.8
CLIENT ID: 104.2-46		Lab ID: R2405412-016				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.8			1.0	ug/L	200.8
CLIENT ID: 104.2-51		Lab ID: R2405412-021				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.1			1.0	ug/L	200.8
CLIENT ID: 104.2-52		Lab ID: R2405412-022				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.3			1.0	ug/L	200.8
CLIENT ID: 104.2-55		Lab ID: R2405412-025				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.4			1.0	ug/L	200.8
CLIENT ID: 104.2-56		Lab ID: R2405412-026				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	11.3			1.0	ug/L	200.8
CLIENT ID: 104.2-62		Lab ID: R2405412-033				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.2			1.0	ug/L	200.8
CLIENT ID: 104.2-63		Lab ID: R2405412-034				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.5			1.0	ug/L	200.8
CLIENT ID: 104.2-64		Lab ID: R2405412-035				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.9			1.0	ug/L	200.8
CLIENT ID: 104.2-65		Lab ID: R2405412-036				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.0			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
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request:R2405412

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2405412-001	104.2-31	6/5/2024	2336
R2405412-002	104.2-32	6/5/2024	2337
R2405412-003	104.2-33	6/5/2024	2338
R2405412-004	104.2-34	6/5/2024	2339
R2405412-005	104.2-35	6/5/2024	2340
R2405412-006	104.2-36	6/5/2024	2341
R2405412-007	104.2-37	6/5/2024	2342
R2405412-008	104.2-38	6/5/2024	2343
R2405412-009	104.2-39	6/5/2024	2344
R2405412-010	104.2-40	6/5/2024	2345
R2405412-011	104.2-41	6/5/2024	2346
R2405412-012	104.2-42	6/5/2024	2347
R2405412-013	104.2-43	6/5/2024	2348
R2405412-014	104.2-44	6/5/2024	2349
R2405412-015	104.2-45	6/5/2024	2350
R2405412-016	104.2-46	6/5/2024	2351
R2405412-017	104.2-47	6/5/2024	2352
R2405412-018	104.2-48	6/5/2024	2353
R2405412-019	104.2-49	6/5/2024	2354
R2405412-020	104.2-50	6/5/2024	2355
R2405412-021	104.2-51	6/5/2024	2356
R2405412-022	104.2-52	6/5/2024	2357
R2405412-023	104.2-53	6/5/2024	2358
R2405412-024	104.2-54	6/5/2024	2359
R2405412-025	104.2-55	6/5/2024	0000
R2405412-026	104.2-56	6/5/2024	0001
R2405412-027	104.2-57	6/5/2024	0002
R2405412-028	104.2-58	6/5/2024	0003
R2405412-029	104.2-59	6/5/2024	0004
R2405412-030	104.2-60	6/5/2024	0005
R2405412-031	104.2-61A	6/5/2024	0006
R2405412-032	104.2-61B	6/5/2024	0007
R2405412-033	104.2-62	6/5/2024	0008
R2405412-034	104.2-63	6/5/2024	0009
R2405412-035	104.2-64	6/5/2024	0010
R2405412-036	104.2-65	6/5/2024	0011



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 # 2023-104.2

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Lancaster MS Location: 148 Aurora St Lancaster, NY 14086

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
104.2-31	2nd Flor Lounge Lav	Sink	23:36
104.2-32	Room 216 Left	Sinkk	23:37
104.2-33	Room 216 Left Center	Sink	23:38
104.2-34	Room 216 Right Center	Sink	23:39
104.2-35	Room 216 Right	Sink	23:40
104.2-36	Room 216 Teachers Desk	Sink	23:41
104.2-37	Room 217 Teachers Desk	Sink	23:42
104.2-38	Room 217 East Wall	Sink	23:43
104.2-39	Room 217 - South Wall - Left	Sink	23:44
104.2-40	Room 217 - South Wall - Right	Sink	23:45
104.2-41	Room 217 - West Wall	Sink	23:46
104.2-42	Hallway Outside of Room 109	Drinking Fountain	23:47
104.2-43	Room 159	Sink	23:48
104.2-44	Art Room 112	Sink	23:49
1104.4-45	Faculty room by 113 Lav	Slnk	23:50
104.2-46	Music Room 113	Sink	23:51
104.2-47	Auditorium Girls Lav Left	Sink	23:52
104.2-48	Auditorium Girls Lav Center	Sink	23:53

Notes:

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

Rfranjaine@stohlenvironmental.com

Sampled By: Drew Theal Print Name Drew Theal Stohl Env: Drew Theal Date: 6/5/2024

Relinquished By: Rebecca Franjoine Print Name Rebecca Franjoine Stohl Env: Rebecca Franjoine Date: 6/12/2024

Received (Name / Lab): _____ Date: hedy h Time: 6:14 PM

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: _____

R2405412

5

Stohl Environmental
Lancaster CSD - Lancaster MS





Chain of Custody Document

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

Submitted to: (Lab Name) ALS

STOHL Job # 2023-104.2

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Lancaster MS Location: 148 Aurora St Lancaster, NY 14086

LEAD Water by 200.8	<u>X</u>	Turnaround <u>10 Days</u>
-------------------------------	----------	-------------------------------------

Sample #	Location	Outlet Type	Time
104.2-49	Auditorium Girls Lav Right	Sink	23:54
104.2-50	Admin Office Kitchenette	Sink	23:55
104.2-51	Admin Office Lav	Sink	23:56
104.2-52	Auditorium Boys Lav Left	Sink	23:57
104.2-53	Auditorium Boys Lav Center	Sink	23:58
104.2-54	Auditorium Boys Lav right	Sink	23:59
104.2-55	Copy Room Lav	Sink	0:00
104.2-56	Room 108A	Sink	0:01
104.1-57	Nurse Ice Machine	Ice Machine	0:02
104.1-58	Nurse Back Lav	Sink	0:03
104.1-59	Nurse Main Handwash	Sink	0:04
104.1-60	Nurse Front Sink	Sink	0:05
104.2-61A	106 Hallway	Drinking Fountain	0:06
104.2-61B	106 Hallway	Bottle Fill	0:07
104.2-62	104/106 Middle Office Left	Sink	0:08
104.2-63	104/106 Middle Office Right	Sink	0:09
104.2-64	100 Hallway Mens Lav Left	Sink	0:10
104.2-65	100 Hallway Mens Lav Center	Sink	0:11

Notes:

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

Rfranjaine@stohlenv.com

Sampled By: <u>Drew Theal</u>	Print Name	Stohl Env: <u>Drew Theal</u>	Date: <u>6/5/2024</u>
Relinquished By: <u>Rebecca Franjoine</u>	Print Name	Stohl Env: <u>Rebecca Franjoine</u>	Date: <u>6/12/2024</u>
Received (Name / Lab):		Date: <u>Indy M</u>	Time: <u>6/12/24 1:00</u>
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:

R2405412

5

Stohl Environmental
Lancaster CSD - Lancaster MS





R2405412

5

Stohl Environmental
Lancaster CSD - Lancaster MS

Cooler Receipt and Preservation Check Form

Project/Client STOHL Folder Number _____Cooler received on 6/12/24 by: hmkCOURIER: ALS UPS FEDEX VELOCITY CLIENT

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

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

8. Temperature Readings Date: 6/12 Time: 1300 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	<u>20.7</u>						
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: SWD by hmk on 4/12 at 1315
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y NCooler Breakdown/Preservation Check**: Date: 6/18/24 Time: 1200 by: SES

9. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES ☒ NO ☐ no date/times
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 ☐
13. Were dissolved metals filtered in the field? YES ☒ NO ☐
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?		Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
			Yes	No						
≥12		NaOH								
≤2		HNO ₃								
≤2		H ₂ SO ₄								
<4		NaHSO ₄								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add Na ₂ S ₂ O ₃ (625, 608, CN), ascorbic (phenol).					
		Na ₂ S ₂ O ₃								
		ZnAcetate	-	-						
		HCl	**	**						

**VOAs and 1664 Not to be tested before analysis.
Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).Bottle lot numbers: 440522000

Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: SES

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



Miscellaneous Forms

ALS Environmental—Rochester Laboratory

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

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REPORT QUALIFIERS AND DEFINITIONS

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

Rochester Lab ID # for State Accreditations¹



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

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

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

ALS Laboratory Group

Acronyms

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

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405412

Sample Name: 104.2-31
Lab Code: R2405412-001
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-32
Lab Code: R2405412-002
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-33
Lab Code: R2405412-003
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-34
Lab Code: R2405412-004
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-35
Lab Code: R2405412-005
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405412

Sample Name: 104.2-36
Lab Code: R2405412-006
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-37
Lab Code: R2405412-007
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-38
Lab Code: R2405412-008
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-39
Lab Code: R2405412-009
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-40
Lab Code: R2405412-010
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405412

Sample Name: 104.2-41
Lab Code: R2405412-011
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-42
Lab Code: R2405412-012
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-43
Lab Code: R2405412-013
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-44
Lab Code: R2405412-014
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-45
Lab Code: R2405412-015
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405412

Sample Name: 104.2-46
Lab Code: R2405412-016
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-47
Lab Code: R2405412-017
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-48
Lab Code: R2405412-018
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-49
Lab Code: R2405412-019
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-50
Lab Code: R2405412-020
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405412

Sample Name: 104.2-51
Lab Code: R2405412-021
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-52
Lab Code: R2405412-022
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-53
Lab Code: R2405412-023
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-54
Lab Code: R2405412-024
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-55
Lab Code: R2405412-025
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405412

Sample Name: 104.2-56
Lab Code: R2405412-026
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-57
Lab Code: R2405412-027
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-58
Lab Code: R2405412-028
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-59
Lab Code: R2405412-029
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-60
Lab Code: R2405412-030
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405412

Sample Name: 104.2-61A
Lab Code: R2405412-031
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-61B
Lab Code: R2405412-032
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-62
Lab Code: R2405412-033
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-63
Lab Code: R2405412-034
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-64
Lab Code: R2405412-035
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental

Service Request: R2405412

Project: Lancaster CSD - Lancaster MS/2023-104.2

Sample Name: 104.2-65

Date Collected: 06/5/24

Lab Code: R2405412-036

Date Received: 06/12/24

Sample Matrix: Drinking Water

Analysis Method

Extracted/Digested By

Analyzed By

200.8

NMANSEN



PREPARATION METHODS

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

INORGANIC

Water/Liquid Matrix

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

Solid/Soil/Non-Aqueous Matrix

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

ORGANIC

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

Regarding "Bulk/5035A":

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



Sample Results

ALS Environmental—Rochester Laboratory

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Metals

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www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-31
Lab Code: R2405412-001

Service Request: R2405412
Date Collected: 06/05/24 23:36
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:36	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-32
Lab Code: R2405412-002

Service Request: R2405412
Date Collected: 06/05/24 23:37
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-33
Lab Code: R2405412-003

Service Request: R2405412
Date Collected: 06/05/24 23:38
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-34
Lab Code: R2405412-004

Service Request: R2405412
Date Collected: 06/05/24 23:39
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:46	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-35
Lab Code: R2405412-005

Service Request: R2405412
Date Collected: 06/05/24 23:40
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 20:48	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-36
Lab Code: R2405412-006

Service Request: R2405412
Date Collected: 06/05/24 23:41
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:07	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-37
Lab Code: R2405412-007

Service Request: R2405412
Date Collected: 06/05/24 23:42
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:13	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-38
Lab Code: R2405412-008

Service Request: R2405412
Date Collected: 06/05/24 23:43
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:15	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-39
Lab Code: R2405412-009

Service Request: R2405412
Date Collected: 06/05/24 23:44
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:17	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-40
Lab Code: R2405412-010

Service Request: R2405412
Date Collected: 06/05/24 23:45
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:19	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-41
Lab Code: R2405412-011

Service Request: R2405412
Date Collected: 06/05/24 23:46
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-42
Lab Code: R2405412-012

Service Request: R2405412
Date Collected: 06/05/24 23:47
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:27	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-43
Lab Code: R2405412-013

Service Request: R2405412
Date Collected: 06/05/24 23:48
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:29	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-44
Lab Code: R2405412-014

Service Request: R2405412
Date Collected: 06/05/24 23:49
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.1	ug/L	1.0	1	07/11/24 21:30	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-45
Lab Code: R2405412-015

Service Request: R2405412
Date Collected: 06/05/24 23:50
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	2.1	ug/L	1.0	1	07/11/24 21:32	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-46
Lab Code: R2405412-016

Service Request: R2405412
Date Collected: 06/05/24 23:51
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	2.8	ug/L	1.0	1	07/11/24 21:34	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-47
Lab Code: R2405412-017

Service Request: R2405412
Date Collected: 06/05/24 23:52
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:36	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-48
Lab Code: R2405412-018

Service Request: R2405412
Date Collected: 06/05/24 23:53
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:38	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-49
Lab Code: R2405412-019

Service Request: R2405412
Date Collected: 06/05/24 23:54
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-50
Lab Code: R2405412-020

Service Request: R2405412
Date Collected: 06/05/24 23:55
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-51
Lab Code: R2405412-021

Service Request: R2405412
Date Collected: 06/05/24 23:56
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.1	ug/L	1.0	1	07/11/24 21:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-52
Lab Code: R2405412-022

Service Request: R2405412
Date Collected: 06/05/24 23:57
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.3	ug/L	1.0	1	07/11/24 21:50	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-53
Lab Code: R2405412-023

Service Request: R2405412
Date Collected: 06/05/24 23:58
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:52	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-54
Lab Code: R2405412-024

Service Request: R2405412
Date Collected: 06/05/24 23:59
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:54	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-55
Lab Code: R2405412-025

Service Request: R2405412
Date Collected: 06/05/24 00:00
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.4	ug/L	1.0	1	07/11/24 21:56	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-56
Lab Code: R2405412-026

Service Request: R2405412
Date Collected: 06/05/24 00:01
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	11.3	ug/L	1.0	1	07/11/24 22:15	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-57
Lab Code: R2405412-027

Service Request: R2405412
Date Collected: 06/05/24 00:02
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 22:21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-58
Lab Code: R2405412-028

Service Request: R2405412
Date Collected: 06/05/24 00:03
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 22:23	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-59
Lab Code: R2405412-029

Service Request: R2405412
Date Collected: 06/05/24 00:04
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 22:25	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-60
Lab Code: R2405412-030

Service Request: R2405412
Date Collected: 06/05/24 00:05
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 22:27	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-61A
Lab Code: R2405412-031

Service Request: R2405412
Date Collected: 06/05/24 00:06
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 22:29	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-61B
Lab Code: R2405412-032

Service Request: R2405412
Date Collected: 06/05/24 00:07
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 22:35	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-62
Lab Code: R2405412-033

Service Request: R2405412
Date Collected: 06/05/24 00:08
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	4.2	ug/L	1.0	1	07/11/24 22:37	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-63
Lab Code: R2405412-034

Service Request: R2405412
Date Collected: 06/05/24 00:09
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	3.5	ug/L	1.0	1	07/11/24 22:39	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-64
Lab Code: R2405412-035

Service Request: R2405412
Date Collected: 06/05/24 00:10
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.9	ug/L	1.0	1	07/11/24 22:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-65
Lab Code: R2405412-036

Service Request: R2405412
Date Collected: 06/05/24 00:11
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.0	ug/L	1.0	1	07/11/24 22:42	



QC Summary Forms

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Metals

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dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2405412-MB1

Service Request: R2405412
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 19:54	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2405412-MB2

Service Request: R2405412
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 21:03	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2405412-MB3

Service Request: R2405412
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 22:11	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405412
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/11/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-35
Lab Code: R2405412-005
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2405412-005MS		Result	Duplicate Matrix Spike R2405412-005DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	20.2	20.0	101	21.1	20.0	106	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.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405412
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/11/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-36
Lab Code: R2405412-006
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2405412-006MS		Result	Duplicate Matrix Spike R2405412-006DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	20.1	20.0	100	21.3	20.0	106	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.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405412
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/11/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-55
Lab Code: R2405412-025
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2405412-025MS		Result	Duplicate Matrix Spike R2405412-025DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	1.4	19.4	20.0	90	21.4	20.0	100	70-130	10	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.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405412
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/11/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-56
Lab Code: R2405412-026
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2405412-026MS		Result	Duplicate Matrix Spike R2405412-026DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	11.3	30.4	20.0	96	32.1	20.0	104	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.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405412
Date Analyzed: 07/11/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405412-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
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405412
Date Analyzed: 07/11/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405412-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	21.8	20.0	109	85-115

ALS Group USA, Corp.
dba ALS Environmental
QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405412
Date Analyzed: 07/11/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405412-LCS3

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



July 15, 2024

Service Request No:R2405413

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

Laboratory Results for: Lancaster CSD - Lancaster MS

Dear Michael,

Enclosed are the results of the sample(s) submitted to our laboratory June 12, 2024
For your reference, these analyses have been assigned our service request number **R2405413**.

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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dba ALS Environmental



Narrative Documents

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

Service Request: R2405413
Date Received: 06/12/2024

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 06/12/2024. 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 Meghan Pedro

Date 07/15/2024



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: 104.2-66		Lab ID: R2405413-001				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.7			1.0	ug/L	200.8

CLIENT ID: 104.2-68		Lab ID: R2405413-004				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.6			1.0	ug/L	200.8

CLIENT ID: 104.2-69		Lab ID: R2405413-005				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.2			1.0	ug/L	200.8

CLIENT ID: 104.2-70		Lab ID: R2405413-006				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	5.3			1.0	ug/L	200.8

CLIENT ID: 104.2-74		Lab ID: R2405413-010				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.4			1.0	ug/L	200.8

CLIENT ID: 104.2-81		Lab ID: R2405413-017				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.4			1.0	ug/L	200.8

CLIENT ID: 104.2-91		Lab ID: R2405413-027				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8

CLIENT ID: 104.2-94		Lab ID: R2405413-030				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8



Sample Receipt Information

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 MS/2023-104.2

Service Request:R2405413

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2405413-001	104.2-66	6/5/2024	0012
R2405413-002	104.2-67A	6/5/2024	0013
R2405413-003	104.2-67B	6/5/2024	0014
R2405413-004	104.2-68	6/5/2024	0015
R2405413-005	104.2-69	6/5/2024	0016
R2405413-006	104.2-70	6/5/2024	0017
R2405413-007	104.2-71	6/5/2024	0018
R2405413-008	104.2-72	6/5/2024	0019
R2405413-009	104.2-73	6/5/2024	0020
R2405413-010	104.2-74	6/5/2024	0021
R2405413-011	104.2-75	6/5/2024	0022
R2405413-012	104.2-76	6/5/2024	0023
R2405413-013	104.2-77	6/5/2024	0024
R2405413-014	104.2-78	6/5/2024	0025
R2405413-015	104.2-79	6/5/2024	0026
R2405413-016	104.2-80	6/5/2024	0027
R2405413-017	104.2-81	6/5/2024	0028
R2405413-018	104.2-82	6/5/2024	0029
R2405413-019	104.2-83	6/5/2024	0030
R2405413-020	104.2-84	6/5/2024	0031
R2405413-021	104.2-85	6/5/2024	0032
R2405413-022	104.2-86	6/5/2024	0033
R2405413-023	104.2-87	6/5/2024	0034
R2405413-024	104.2-88	6/5/2024	0035
R2405413-025	104.2-89	6/5/2024	0036
R2405413-026	104.2-90	6/5/2024	0037
R2405413-027	104.2-91	6/5/2024	0038
R2405413-028	104.2-92	6/5/2024	0039
R2405413-029	104.2-93	6/5/2024	0040
R2405413-030	104.2-94	6/5/2024	0041
R2405413-031	104.2-95	6/5/2024	0042
R2405413-032	104.2-96	6/5/2024	0043
R2405413-033	104.2-97	6/5/2024	0044
R2405413-034	104.2-98	6/5/2024	0045
R2405413-035	104.2-99	6/5/2024	0046
R2405413-036	104.2-100A	6/5/2024	0047



Chain of Custody Document

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

Submitted to: (Lab Name) ALS

STOHL Job # 2023-104.2

Client: Lancaster CSD

Contact: Michael Bryniarski

Building: Lancaster MS

Location: 148 Aurora St Lancaster, NY 14086

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
104.2-66	100 Hallway Mens Lav Right	Sink	0:12
104.2-67A	100 Hallway	Drinking Fountain	0:13
104.2-67B	100 Hallway	Bottle Fill	0:14
104.2-68	100 Hallway Girls Lav Left	Sink	0:15
104.2-69	100 Hallway Girls Lav Center	Sink	0:16
104.2-70	100 Hallway Girls Lav Right	Sink	0:17
104.2-71	Shop Room 164	Sink	0:18
104.2-72	Girls Locker Room Halway Left	Drinking Fountain	0:19
104.2-73	Girls Locker Room Hallway Right	Drinking Fountain	0:20
104.2-74	Girls Team Room	Sink	0:21
104.2-75	Girls Gym Locker Vestibule Left	Drinking Fountain	0:22
104.2-76	Girls Gym Locker Vestibu Right	Drinking Fountain	0:23
104.2-77	Girls Gym Locker Lav Left	Sink	0:24
104.2-78	Gils Gym Locker Lav Left Center	Sink	0:25
104.2-79	Girls Gym Locker Lav Right Center	Sink	0:26
104.2-80	Girls Gym Locker Lav Right	Sink	0:27
104.2-81	Girls Gym Coach Office Lav	Sink	0:28
104.2-82	Girls Lav by 159 Left	Sink	0:29

Notes:

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

Rfranjone@stohlenvironmental.com

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/5/2024

Relinquished By: Rebecca Franjoine Print Name Stohl Env: Rebecca Franjoine Date: 6/12/2024

Received (Name / Lab): _____ Date: Bradley Time: 6/12/24 3:20

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: _____

R2405413

5

Stohl Environmental
Lancaster CSD - Lancaster MS





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 # 2023-104.2

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Lancaster MS Location: 148 Aurora St Lancaster, NY 14086

LEAD
Water by 200.8 X Turnaround 10 Days

Sample #	Location	Outlet Type	Time
104.2-83	Girls Lav by 159 Left Center	Sink	0:30
104.2-84	Girls Lav by 159 Right Center	Sink	0:31
104.2-85	Girls Lav by 159 Right	Sink	0:32
104.2-86	Fac Work Room 159	Sink	0:33
104.2-87	Fac Work Room 155	Sink	0:34
104.2-88	Boys Lav by 155 Left	Sink	0:35
104.2-89	Boys Lav by 155 Left Center	Sink	0:36
104.2-90	Boys Lav by 155 Right center	Sink	0:37
104.2-91	Boys Team Room	Sink	0:38
104.2-92	Boys Locker Rom Hallway Left	Drinking Fountain	0:39
104.2-93	Boys Locker Room Hallway Right	Drinking Fountain	0:40
104.2-94	Boys Gym Coach Office Lav	Sink	0:41
104.2-95	Boys Gym Locker Vestibule	Drinking Fountain	0:42
104.2-96	Boys Gym Locker Lav Left	Sink	0:43
104.2-97	Boys Gym Locker Lav Left Center	Sink	0:44
104.2-98	Boys Gym Locker Lav Right Center	Sink	0:45
104.2-99	Boys Gym Locker Lav Right	Sink	0:46
104.2-100A	Cafe Hallway	Drinking Fountain	0:47

Notes:

Please e-mail lab results to labs@stohlenvironmental.com

Rfranjoiene@stohlenvironmental.com

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/5/2024

Relinquished By: Rebecca Franjoine Print Name Stohl Env: Rebecca Franjoine Date: 6/12/2024

Received (Name / Lab): Bundy Kn Date: 6/12/2024 Time: 1:00

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

R2405413

5

Stohl Environmental
Lancaster CSD - Lancaster MS



Project/Client STOHL Folder Number _____

Cooler received on 6/12/24 by: SM COURIER: ALS UPS FEDEX VELOCITY CLIENT

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

8. Temperature Readings Date: 6/12 Time: 1300 ID: IR#12 (R#1) From: Temp Blank Sample Bottle

Temp (°C)	<u>20.7</u>						
Within 0-6°C?	Y <u>(N)</u>	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

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

All samples held in storage location: SW by SM on 6/12 at 1315
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/18/24 Time: 1246 by: RDH

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 (NA)
13. Were dissolved metals filtered in the field? YES NO (NA)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated NA

pH	Lot of test paper	Reagent	Preserved?		Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH	Yes	No						
≤2	<u>221523</u>	HNO ₃			<u>✓ No lot info</u>		<u>A11</u>	<u>4ml</u>	<u>235024</u>	<u>2.2</u>
≤2		H ₂ SO ₄								
<4		NaHSO ₄								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add Na ₂ S ₂ O ₃ (625, 608, CN), ascorbic (phenol).					
		Na ₂ S ₂ O ₃								
		ZnAcetate	-	-						
		HCl	**	**						

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

Bottle lot numbers: _____
Explain all Discrepancies/ Other Comments: _____

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

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

Rochester Lab ID # for State Accreditations¹



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

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

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

ALS Laboratory Group

Acronyms

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

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405413

Sample Name: 104.2-66
Lab Code: R2405413-001
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-67A
Lab Code: R2405413-002
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-67B
Lab Code: R2405413-003
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-68
Lab Code: R2405413-004
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-69
Lab Code: R2405413-005
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405413

Sample Name: 104.2-70
Lab Code: R2405413-006
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-71
Lab Code: R2405413-007
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-72
Lab Code: R2405413-008
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-73
Lab Code: R2405413-009
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-74
Lab Code: R2405413-010
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405413

Sample Name: 104.2-75
Lab Code: R2405413-011
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-76
Lab Code: R2405413-012
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-77
Lab Code: R2405413-013
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-78
Lab Code: R2405413-014
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-79
Lab Code: R2405413-015
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405413

Sample Name: 104.2-80
Lab Code: R2405413-016
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-81
Lab Code: R2405413-017
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-82
Lab Code: R2405413-018
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-83
Lab Code: R2405413-019
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-84
Lab Code: R2405413-020
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405413

Sample Name: 104.2-85
Lab Code: R2405413-021
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-86
Lab Code: R2405413-022
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-87
Lab Code: R2405413-023
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-88
Lab Code: R2405413-024
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-89
Lab Code: R2405413-025
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405413

Sample Name: 104.2-90
Lab Code: R2405413-026
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-91
Lab Code: R2405413-027
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-92
Lab Code: R2405413-028
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-93
Lab Code: R2405413-029
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-94
Lab Code: R2405413-030
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405413

Sample Name: 104.2-95
Lab Code: R2405413-031
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-96
Lab Code: R2405413-032
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-97
Lab Code: R2405413-033
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-98
Lab Code: R2405413-034
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-99
Lab Code: R2405413-035
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405413

Sample Name: 104.2-100A
Lab Code: R2405413-036
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
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

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-66
Lab Code: R2405413-001

Service Request: R2405413
Date Collected: 06/05/24 00:12
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.7	ug/L	1.0	1	07/11/24 22:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-67A
Lab Code: R2405413-002

Service Request: R2405413
Date Collected: 06/05/24 00:13
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 22:46	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-67B
Lab Code: R2405413-003

Service Request: R2405413
Date Collected: 06/05/24 00:14
Date Received: 06/12/24 13:00

Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 22:48	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-68
Lab Code: R2405413-004

Service Request: R2405413
Date Collected: 06/05/24 00:15
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	3.6	ug/L	1.0	1	07/11/24 22:50	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-69
Lab Code: R2405413-005

Service Request: R2405413
Date Collected: 06/05/24 00:16
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	4.2	ug/L	1.0	1	07/11/24 22:52	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-70
Lab Code: R2405413-006

Service Request: R2405413
Date Collected: 06/05/24 00:17
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	5.3	ug/L	1.0	1	07/11/24 22:58	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-71
Lab Code: R2405413-007

Service Request: R2405413
Date Collected: 06/05/24 00:18
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:00	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-72
Lab Code: R2405413-008

Service Request: R2405413
Date Collected: 06/05/24 00:19
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:02	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-73
Lab Code: R2405413-009

Service Request: R2405413
Date Collected: 06/05/24 00:20
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:04	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-74
Lab Code: R2405413-010

Service Request: R2405413
Date Collected: 06/05/24 00:21
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	2.4	ug/L	1.0	1	07/11/24 23:24	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-75
Lab Code: R2405413-011

Service Request: R2405413
Date Collected: 06/05/24 00:22
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:29	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-76
Lab Code: R2405413-012

Service Request: R2405413
Date Collected: 06/05/24 00:23
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:31	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-77
Lab Code: R2405413-013

Service Request: R2405413
Date Collected: 06/05/24 00:24
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:33	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-78
Lab Code: R2405413-014

Service Request: R2405413
Date Collected: 06/05/24 00:25
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:35	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-79
Lab Code: R2405413-015

Service Request: R2405413
Date Collected: 06/05/24 00:26
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:37	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-80
Lab Code: R2405413-016

Service Request: R2405413
Date Collected: 06/05/24 00:27
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-81
Lab Code: R2405413-017

Service Request: R2405413
Date Collected: 06/05/24 00:28
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	3.4	ug/L	1.0	1	07/11/24 23:45	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-82
Lab Code: R2405413-018

Service Request: R2405413
Date Collected: 06/05/24 00:29
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:47	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-83
Lab Code: R2405413-019

Service Request: R2405413
Date Collected: 06/05/24 00:30
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:49	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-84
Lab Code: R2405413-020

Service Request: R2405413
Date Collected: 06/05/24 00:31
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:51	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-85
Lab Code: R2405413-021

Service Request: R2405413
Date Collected: 06/05/24 00:32
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:53	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-86
Lab Code: R2405413-022

Service Request: R2405413
Date Collected: 06/05/24 00:33
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:55	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-87
Lab Code: R2405413-023

Service Request: R2405413
Date Collected: 06/05/24 00:34
Date Received: 06/12/24 13:00

Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:57	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-88
Lab Code: R2405413-024

Service Request: R2405413
Date Collected: 06/05/24 00:35
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:59	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-89
Lab Code: R2405413-025

Service Request: R2405413
Date Collected: 06/05/24 00:36
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:01	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-90
Lab Code: R2405413-026

Service Request: R2405413
Date Collected: 06/05/24 00:37
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:07	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-91
Lab Code: R2405413-027

Service Request: R2405413
Date Collected: 06/05/24 00:38
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.2	ug/L	1.0	1	07/12/24 00:09	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-92
Lab Code: R2405413-028

Service Request: R2405413
Date Collected: 06/05/24 00:39
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:11	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-93
Lab Code: R2405413-029

Service Request: R2405413
Date Collected: 06/05/24 00:40
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:13	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-94
Lab Code: R2405413-030

Service Request: R2405413
Date Collected: 06/05/24 00:41
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.2	ug/L	1.0	1	07/12/24 00:33	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-95
Lab Code: R2405413-031

Service Request: R2405413
Date Collected: 06/05/24 00:42
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:39	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-96
Lab Code: R2405413-032

Service Request: R2405413
Date Collected: 06/05/24 00:43
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:41	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-97
Lab Code: R2405413-033

Service Request: R2405413
Date Collected: 06/05/24 00:44
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-98
Lab Code: R2405413-034

Service Request: R2405413
Date Collected: 06/05/24 00:45
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-99
Lab Code: R2405413-035

Service Request: R2405413
Date Collected: 06/05/24 00:46
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:46	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-100A
Lab Code: R2405413-036

Service Request: R2405413
Date Collected: 06/05/24 00:47
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:52	



QC Summary Forms

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Metals

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dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2405413-MB1

Service Request: R2405413
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 22:11	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2405413-MB2

Service Request: R2405413
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/11/24 23:20	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2405413-MB3

Service Request: R2405413
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:29	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405413
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/11/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-73
Lab Code: R2405413-009
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2405413-009MS		Result	Duplicate Matrix Spike R2405413-009DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	19.7	20.0	98	19.0	20.0	95	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.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405413
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/11/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-74
Lab Code: R2405413-010
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2405413-010MS		Result	Duplicate Matrix Spike R2405413-010DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	2.4	22.8	20.0	102	21.4	20.0	95	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.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405413
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-93
Lab Code: R2405413-029
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2405413-029MS		Result	Duplicate Matrix Spike R2405413-029DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	19.0	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.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405413
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-94
Lab Code: R2405413-030
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Matrix Spike				Duplicate Matrix Spike				% Rec Limits	RPD	RPD Limit
	Sample Result	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec				
Lead, Total	1.2	20.8	20.0	98	21.8	20.0	103	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.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405413
Date Analyzed: 07/11/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405413-LCS1

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

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405413
Date Analyzed: 07/11/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405413-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	19.2	20.0	96	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405413
Date Analyzed: 07/12/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405413-LCS3

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



July 19, 2024

Service Request No:R2405414

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

Laboratory Results for: Lancaster CSD - Lancaster MS

Dear Michael,

Enclosed are the results of the sample(s) submitted to our laboratory June 12, 2024
For your reference, these analyses have been assigned our service request number **R2405414**.

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

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

www.alsglobal.com



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

Service Request: R2405414
Date Received: 06/12/2024

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:

Eighteen drinking water samples were received for analysis at ALS Environmental on 06/12/2024. 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

A handwritten signature in black ink, appearing to read "Meghan Pedicini".

Date

07/19/2024



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: 104.2-101		Lab ID: R2405414-002				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.5			1.0	ug/L	200.8
CLIENT ID: 104.2-104		Lab ID: R2405414-005				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	72.2			1.0	ug/L	200.8
CLIENT ID: 104.2-105		Lab ID: R2405414-006				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	645			20	ug/L	200.8
CLIENT ID: 104.2-106		Lab ID: R2405414-007				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	138			5.0	ug/L	200.8
CLIENT ID: 104.2-107		Lab ID: R2405414-008				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	16.2			1.0	ug/L	200.8
CLIENT ID: 104.2-108		Lab ID: R2405414-009				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	7.9			1.0	ug/L	200.8
CLIENT ID: 104.2-110		Lab ID: R2405414-011				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	5.0			1.0	ug/L	200.8
CLIENT ID: 104.2-111		Lab ID: R2405414-012				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			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
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request:R2405414

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2405414-001	104.2-100B	6/5/2024	0048
R2405414-002	104.2-101	6/5/2024	0049
R2405414-003	104.2-102	6/5/2024	0050
R2405414-004	104.2-103	6/5/2024	0051
R2405414-005	104.2-104	6/5/2024	0052
R2405414-006	104.2-105	6/5/2024	0053
R2405414-007	104.2-106	6/5/2024	0054
R2405414-008	104.2-107	6/5/2024	0055
R2405414-009	104.2-108	6/5/2024	0056
R2405414-010	104.2-109	6/5/2024	0057
R2405414-011	104.2-110	6/5/2024	0058
R2405414-012	104.2-111	6/5/2024	0059
R2405414-013	104.2-112	6/5/2024	0100
R2405414-014	104.2-113A	6/5/2024	0101
R2405414-015	104.2-113B	6/5/2024	0102
R2405414-016	104.2-114A	6/5/2024	0103
R2405414-017	104.2-114B	6/5/2024	0104
R2405414-018	104.2-115	6/5/2024	0105



Chain of Custody Document

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

Submitted to: (Lab Name) ALS

STOHL Job # 2023-104.2

Client: Lancaster CSD Contact: Michael Bryniarski

Building: Lancaster MS Location: 148 Aurora St Lancaster, NY 14086

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
104.2-100B	Cafe Hallway	Bottle Fill	0:48
104.2-101	Kitchen Lav	Sink	0:49
104.2-102	Kitchen Single Bay by Kettle	Sink	0:50
104.2-103	Kitchen Dish Sprayer South Wall Left	Sink	0:51
104.2-104	Kitchen Dish Sprayer South Wall Right	Sink	0:52
104.2-105	Kitchen Dish Spray by 3 Bay	Sink	0:53
104.2-106	Kitchen Faucet Next to 3 Bay	Sink	0:54
104.2-107	Kitchen 3 Bay Left	Sink	0:55
104.2-108	Kitchen 3 Bay Right	Sink	0:56
104.2-109	Kitchen Handwash by Dish Room	Sink	0:57
104.2-110	Kitchen Sprayer Next to 2 Bay	Sink	0:58
104.2-111	Kitchen 2 Bay	Sink	0:59
104.2-112	Kitchen Handwash by Serving	Sink	1:00
104.2-113A	Cafe Fountain	Drinking Fountain	1:01
104.2-113B	Cafe Fountain	Bottle Fill	1:02
104.2-114A	116 Hallway	Drinking Fountain	1:03
104.2-114B	116 Hallway	Bottle Fill	1:04
104.2-115	116 Hallway Lav	Sink	1:05

Notes:

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

Rfranjoi@stohlenvironmental.com

Sampled By: Drew Theal Print Name Stohl Env: Drew Theal Date: 6/5/2024

Relinquished By: Rebecca Franjoi Print Name Stohl Env: Rebecca Franjoi Date: 6/12/2024

Received (Name / Lab): _____ Date: 6/12/24 Time: 6:14 PM

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: _____

R2405414

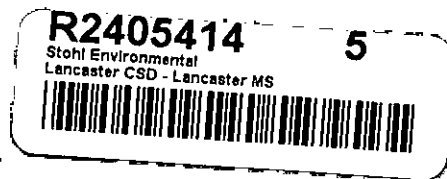
5

Stohl Environmental
Lancaster CSD - Lancaster MS





Cooler Receipt and Preservation Check Form



Project/Client STOHL Folder Number _____

Cooler received on 6/12/24 by: Bur

COURIER: ALS UPS FEDEX VELOCITY CLIENT

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

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

8. Temperature Readings Date: 6/12 Time: 1300 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	<u>20.7</u>						
Within 0-6°C?	Y <u>N</u>	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

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

All samples held in storage location: SW by Bur on 4/12 at 1315
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 6/18/24 Time: 1245 by: RDB

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

pH	Lot of test paper	Reagent	Preserved?		Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
>12		NaOH								
<u>≤2</u>	<u>221523</u>	HNO ₃			<u>No lot info</u>		<u>MT</u>	<u>4ml</u>	<u>235029</u>	<u>≤</u>
<u>≤2</u>		H ₂ SO ₄								
<4		NaHSO ₄								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add Na ₂ S ₂ O ₃ (625, 608, CN), ascorbic (phenol).					
		Na ₂ S ₂ O ₃								
		ZnAcetate	-	-						
		HCl	**	**						

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

Bottle lot numbers: _____

Explain all Discrepancies/ Other Comments: _____

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RDB

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

Rochester Lab ID # for State Accreditations¹



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

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

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

ALS Laboratory Group

Acronyms

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

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405414

Sample Name: 104.2-100B
Lab Code: R2405414-001
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-101
Lab Code: R2405414-002
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-102
Lab Code: R2405414-003
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-103
Lab Code: R2405414-004
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-104
Lab Code: R2405414-005
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405414

Sample Name: 104.2-105
Lab Code: R2405414-006
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By
CDISTEFANO

Analyzed By
NMANSEN

Sample Name: 104.2-106
Lab Code: R2405414-007
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-107
Lab Code: R2405414-008
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-108
Lab Code: R2405414-009
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-109
Lab Code: R2405414-010
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405414

Sample Name: 104.2-110
Lab Code: R2405414-011
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-111
Lab Code: R2405414-012
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-112
Lab Code: R2405414-013
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-113A
Lab Code: R2405414-014
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-113B
Lab Code: R2405414-015
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2

Service Request: R2405414

Sample Name: 104.2-114A
Lab Code: R2405414-016
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-114B
Lab Code: R2405414-017
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 104.2-115
Lab Code: R2405414-018
Sample Matrix: Drinking Water

Date Collected: 06/5/24
Date Received: 06/12/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
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

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

www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-100B
Lab Code: R2405414-001

Service Request: R2405414
Date Collected: 06/05/24 00:48
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:54	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-101
Lab Code: R2405414-002

Service Request: R2405414
Date Collected: 06/05/24 00:49
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.5	ug/L	1.0	1	07/12/24 00:56	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-102
Lab Code: R2405414-003

Service Request: R2405414
Date Collected: 06/05/24 00:50
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:58	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-103
Lab Code: R2405414-004

Service Request: R2405414
Date Collected: 06/05/24 00:51
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 01:00	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-104
Lab Code: R2405414-005

Service Request: R2405414
Date Collected: 06/05/24 00:52
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	72.2	ug/L	1.0	1	07/12/24 01:02	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Sample Name: 104.2-105
Lab Code: R2405414-006

Service Request: R2405414
Date Collected: 06/05/24 00:53
Date Received: 06/12/24 13:00

Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead, Total	200.8	645	ug/L	20	20	07/11/24 16:25	07/09/24	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-106
Lab Code: R2405414-007

Service Request: R2405414
Date Collected: 06/05/24 00:54
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	138	ug/L	5.0	5	07/17/24 17:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-107
Lab Code: R2405414-008

Service Request: R2405414
Date Collected: 06/05/24 00:55
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	16.2	ug/L	1.0	1	07/12/24 01:08	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-108
Lab Code: R2405414-009

Service Request: R2405414
Date Collected: 06/05/24 00:56
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	7.9	ug/L	1.0	1	07/12/24 01:10	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-109
Lab Code: R2405414-010

Service Request: R2405414
Date Collected: 06/05/24 00:57
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 01:16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-110
Lab Code: R2405414-011

Service Request: R2405414
Date Collected: 06/05/24 00:58
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	5.0	ug/L	1.0	1	07/12/24 01:18	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-111
Lab Code: R2405414-012

Service Request: R2405414
Date Collected: 06/05/24 00:59
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.2	ug/L	1.0	1	07/12/24 01:20	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-112
Lab Code: R2405414-013

Service Request: R2405414
Date Collected: 06/05/24 01:00
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 01:22	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-113A
Lab Code: R2405414-014

Service Request: R2405414
Date Collected: 06/05/24 01:01
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 01:04	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-113B
Lab Code: R2405414-015

Service Request: R2405414
Date Collected: 06/05/24 01:02
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 16:08	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-114A
Lab Code: R2405414-016

Service Request: R2405414
Date Collected: 06/05/24 01:03
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 16:09	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-114B
Lab Code: R2405414-017

Service Request: R2405414
Date Collected: 06/05/24 01:04
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 16:11	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: 104.2-115
Lab Code: R2405414-018

Service Request: R2405414
Date Collected: 06/05/24 01:05
Date Received: 06/12/24 13:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 16:13	



QC Summary Forms

ALS Environmental—Rochester Laboratory

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Metals

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www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Sample Name: Method Blank
Lab Code: R2405414-MB1

Service Request: R2405414
Date Collected: NA
Date Received: NA

Basis: NA

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	07/10/24 19:17	07/09/24	
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 00:29	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2405414-MB2

Service Request: R2405414
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/12/24 15:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2405414-MB3

Service Request: R2405414
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	07/17/24 17:39	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405414
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/17/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-106
Lab Code: R2405414-007
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Matrix Spike				Duplicate Matrix Spike				% Rec Limits	RPD	RPD Limit
	Sample Result	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec				
Lead, Total	138	239	100	102	240	100	102	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.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405414
Date Collected: 06/05/24
Date Received: 06/12/24
Date Analyzed: 07/12/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 104.2-112
Lab Code: R2405414-013
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2405414-013MS		Result	Duplicate Matrix Spike R2405414-013DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	21.0	20.0	105	19.7	20.0	98	70-130	7	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.

ALS Group USA, Corp.
dba ALS Environmental
QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405414
Date Analyzed: 07/10/24 - 07/12/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405414-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.4	20.0	102	85-115
Lead, Total	200.8	20.8	20.0	104	85-115

ALS Group USA, Corp.
dba ALS Environmental
QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405414
Date Analyzed: 07/12/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405414-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	19.3	20.0	96	85-115

ALS Group USA, Corp.
dba ALS Environmental
QA/QC Report

Client: Stohl Environmental
Project: Lancaster CSD - Lancaster MS/2023-104.2
Sample Matrix: Drinking Water

Service Request: R2405414
Date Analyzed: 07/17/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2405414-LCS3

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	19.9	20.0	99	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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