

November 4, 2024

Mr. Michael Bushnell
Director of Facilities
Allegany-Limestone CSD
3131 Five Mile Road
Allegany, New York 14706

Re: Lead Testing in School Drinking Water

Dear Mr. Bushnell:

Included with this letter is Stohl Environmental LLC's report for the Lead in Drinking Water Sampling performed for Allegany-Limestone Central School District, including:

- Middle-High School – 3131 Five Mile Road, Allegany, New York 14706

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 October 8, 2024 and October 9, 2024. As detailed in Section 1.2 (*Executive Summary*) of the accompanying report, based upon the sampling and analysis performed, 2 sources of potable water in the Middle-High School have been identified as having lead concentrations in water above the NYS Action Level of 5 parts per billion. To comply with NYS regulations, response actions by the district are required. Response actions are outlined in Section 1.3 (*Response Actions Required Under NYS Regulations*).

Thank you for the opportunity to be of service to Allegany-Limestone Central School District.

Sincerely,
Stohl Environmental, LLC.



Michael Scinta
EPA Lead Risk Assessor

Lead Testing in School Drinking Water

Prepared for:

Allegany-Limestone Central School District

Prepared by:



**3860 California Road
Orchard Park, New York 14127**

Conditions as of October 9, 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 Allegany-Limestone Central School District to perform sampling and analysis of potable water for lead concentrations. Sampling was performed in the following building:

- Middle-High School – 3131 Five Mile Road, Allegany, New York 14706

Scope of Work:

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

Sampling Protocol:

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

- **First-draw samples** of 250 milliliters (mL) were collected from cold water outlets before any water was used. Sampling was coordinated with District representatives to assure that water was motionless in the pipes for a minimum of 8 hours, but not more than 18 hours before sample collection.
- **Laboratory Analysis:** Samples were submitted following strict chain-of-custody protocols to an independent laboratory approved by the NYS Department of Health’s Environmental Laboratory Approval Program (ELAP).

1.2 Executive Summary of Sampling and Analysis:

Summary of Samples Collected at the Middle-High School:

Building Name	Date of Sampling	Total Samples	At or Below Action Level*	Above Action Level*
Middle-High School	October 8, 2024 and October 9, 2024	129	127	2

**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)
115.1-16	Teacher Room for Science Rooms 261 and 265	Sink	5.1
115.1-113	Kitchen Nozzle Left of 2 Bay North End	Sink	5.9

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



October 23, 2024

Service Request No:R2410584

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

Laboratory Results for: Allegany Limestone CSD

Dear Michael,

Enclosed are the results of the sample(s) submitted to our laboratory October 16, 2024
For your reference, these analyses have been assigned our service request number **R2410584**.

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: Allegany Limestone CSD
Sample Matrix: Drinking Water

Service Request: R2410584
Date Received: 10/16/2024

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 10/16/2024. 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 10/23/2024



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: 115.1-16		Lab ID: R2410584-003				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	5.1			1.0	ug/L	200.8
CLIENT ID: 115.1-28		Lab ID: R2410584-011				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.1			1.0	ug/L	200.8
CLIENT ID: 115.1-31		Lab ID: R2410584-013				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8
CLIENT ID: 115.1-32		Lab ID: R2410584-014				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.4			1.0	ug/L	200.8
CLIENT ID: 115.1-75		Lab ID: R2410584-033				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.8			1.0	ug/L	200.8
CLIENT ID: 115.1-76		Lab ID: R2410584-034				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.5			1.0	ug/L	200.8
CLIENT ID: 115.1-77		Lab ID: R2410584-035				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.5			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: Allegany Limestone CSD/2023L-115.1

Service Request:R2410584

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2410584-001	115.1-03A	10/8/2024	0304
R2410584-002	115.1-03B	10/8/2024	0306
R2410584-003	115.1-16	10/8/2024	0332
R2410584-004	115.1-22	10/8/2024	0344
R2410584-005	115.1-23	10/8/2024	0346
R2410584-006	115.1-24	10/8/2024	0345
R2410584-007	115.1-25A	10/8/2024	0350
R2410584-008	115.1-25B	10/8/2024	0352
R2410584-009	115.1-26	10/8/2024	0354
R2410584-010	115.1-27	10/8/2024	0356
R2410584-011	115.1-28	10/8/2024	0358
R2410584-012	115.1-29	10/8/2024	0400
R2410584-013	115.1-31	10/8/2024	2300
R2410584-014	115.1-32	10/8/2024	2302
R2410584-015	115.1-33	10/8/2024	2304
R2410584-016	115.1-34	10/8/2024	2306
R2410584-017	115.1-35A	10/8/2024	2308
R2410584-018	115.1-35B	10/8/2024	2310
R2410584-019	115.1-37	10/8/2024	2314
R2410584-020	115.1-38	10/8/2024	2316
R2410584-021	115.1-39	10/8/2024	2318
R2410584-022	115.1-40	10/8/2024	2320
R2410584-023	115.1-66	10/9/2024	0012
R2410584-024	115.1-67A	10/9/2024	0014
R2410584-025	115.1-67B	10/9/2024	0016
R2410584-026	115.1-68	10/9/2024	0011
R2410584-027	115.1-69	10/9/2024	0020
R2410584-028	115.1-70	10/9/2024	0022
R2410584-029	115.1-71	10/9/2024	0024
R2410584-030	115.1-72	10/9/2024	0026
R2410584-031	115.1-73	10/9/2024	0028
R2410584-032	115.1-74	10/9/2024	0030
R2410584-033	115.1-75	10/9/2024	0032
R2410584-034	115.1-76	10/9/2024	0034
R2410584-035	115.1-77	10/9/2024	0036
R2410584-036	115.1-79	10/9/2024	0040



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

Chain of Custody Document

Submitted to: (Lab Name) ALS

STOHL Job # 2023L-115.1

Client: Allegany Limestone CSD Contact: Michael Bushnell

Building: Middle-High School Location: 3131 Five Mile Road Allegany, NY 14706

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

Sample #	Location	Outlet Type	Time
115.1-03A	Fountain Near Art Room 268	Drinking Fountain	3:04
115.1-03B	Fountain Near Art Room 268	Bottle Fill	3:06
115.1-16	Teacher Room for Science Rooms 261 and 265	Sink	3:32
115.1-22	Girls 2nd Floor Middle School BR Left	Sink	3:44
115.1-23	Girls 2nd Floor Middle School BR Middle	Sink	3:46
115.1-24	Girls 2nd Floor Middle School BR Right	Sink	3:48
115.1-25A	Fountain Near 2nd Floor Middle School BR	Drinking Fountain	3:50
115.1-25B	Fountain Near 2nd Floor Middle School BR	Bottle Fill	3:52
115.1-26	2nd Floor Middle School Teachers BR	Sink	3:54
115.1-27	Boys 2nd Floor Middle School BR Left	Sink	3:56
115.1-28	Boys 2nd Floor Middle School BR Middle	Sink	3:58
115.1-29	Boys 2nd Floor Middle School BR Right	Sink	4:00
115.1-31	2nd Floor Library Server Room	Sink	23:00
115.1-32	Girls 2nd Floor High School BR Left	Sink	23:02
115.1-33	Girls 2nd Floor High School BR Middle	Sink	23:04
115.1-34	Girls 2nd Floor High School BR Right	Sink	23:06
115.1-35A	Fountain Near 2nd Floor High School BR	Drinking Fountain	23:08
115.1-35B	Fountain Near 2nd Floor High School BR	Bottle Fill	23:10

Notes:

Please e-mail lab results to labs@stohlenvironmental.com ☒ If checked, also e-mail results to: Rfranjaine@stohlenvironmental.com

Sampled By: M. Taylor Print Name M. Taylor Stohl Env: M. Taylor Date: 10/8/2024 & 10/9/2024

Relinquished By: Rebecca Franjoine Print Name Rebecca Franjoine Stohl Env: Rebecca Franjoine Date: 10/16/2024

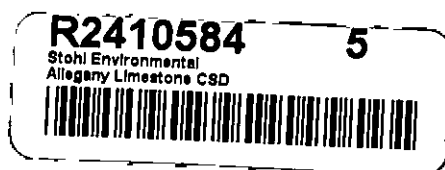
Received (Name / Lab): Pro-Lyx Date: 10/16/24 Time: 11:20

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: _____





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 # 2023L-115.1

Client: Allegany Limestone CSD

Contact: Michael Bushnell

Building: Middle-High School

Location: 3131 Five Mile Road Allegany, NY 14706

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
115.1-37	2nd Floor High School Teachers BR	Sink	23:14
115.1-38	Boys 2nd Floor High School BR Left	Sink	23:16
115.1-39	Boys 2nd Floor High School BR Middle	Sink	23:18
115.1-40	Boys 2nd Floor High School BR Right	Sink	23:20
115.1-66	Room 283 Fountain	Drinking Fountain	0:12
115.1-67A	Fountain 1st Floor MS Hallway left	Drinking Fountain	0:14
115.1-67B	Fountain 1st Floor MS Hallway left	Bottle Fill	0:16
115.1-68	Fountain 1st Floor MS Hallway right	Drinking Fountain	0:18
115.1-69	Nurses Office Main Sink	Sink	0:20
115.1-70	Nurses Office BR Sink	Sink	0:22
115.1-71	Girls 1st Floor MS BR Left	Sink	0:24
115.1-72	Girls 1st Floor MS BR Middle	Sink	0:26
115.1-73	Girls 1st Floor MS BR Right	Sink	0:28
115.1-74	1st Floor MS Teachers BR	Sink	0:30
115.1-75	Boys 1st Floor MS BR Left	Sink	0:32
115.1-76	Boys 1st Floor MS BR Middle	Sink	0:34
115.1-77	Boys 1st Floor MS BR Right	Sink	0:36
115.1-79	Main Office Main Sink	Sink	0:40

Notes:

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

Rfranjoiene@stohlenvironmental.com

Sampled By: M. Taylor Print Name M. Taylor Stohl Env: M. Taylor Date: 10/8/2024 & 10/9/2024

Relinquished By: Rebecca Franjoine Print Name Rebecca Franjoine Stohl Env: Rebecca Franjoine Date: 10/16/2024

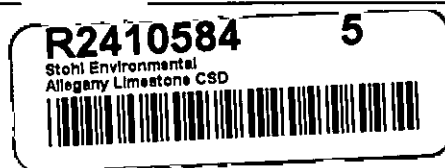
Received (Name / Lab): body Date: 10/16/22 Time: 1600

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: _____



7



R2410584

5

Stahl Environmental
Allegany Limestone CSD



Cooler Receipt and Preservation Check

Project/Client STOHL Folder Number _____

Cooler received on 10/16 by: Bulk COURIER: ALS UPS FEDEX VELOCITY CLIENT

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

8. Temperature Readings Date: 10/16 Time: 1600 ID: IR#12 IR#1P From: Temp Blank Sample Bottle

Temp (°C)	12.2						
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 Bulk on 10/16 at 1600
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 10/20/24 Time: 10:35 by: HE

- Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES ☒ NO ☒
- Did all bottle labels and tags agree with custody papers? YES ☒ NO ☒
- Were correct containers used for the tests indicated? YES ☒ NO ☒
- Were 5035 vials acceptable (no extra labels, not leaking)? YES ☒ NO ☒
- Were dissolved metals filtered in the field? YES ☒ NO ☒
- Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized _____ Tedlar® Bags Inflated ☒ N/A

pH	Lot of test paper	Reagent	Preserved?	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH	Yes No						
≤2	226322	HNO ₃	☒ X	None		All	4ml each	237616	All 22
≤2		H ₂ SO ₄							
<4		NaHSO ₄							
5-9		For 608pest		No=Notify for 3day					
Residual		For CN,		If +, contact PM to add					
Chlorine (-)		Phenol, 625, 608pest, 522		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, 040423-2200
Explain all Discrepancies/ Other Comments: _____

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: HE *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
Texas ID#T104704581
Virginia #460167

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

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

ALS Laboratory Group

Acronyms

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

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410584

Sample Name: 115.1-03A
Lab Code: R2410584-001
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-03B
Lab Code: R2410584-002
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-16
Lab Code: R2410584-003
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-22
Lab Code: R2410584-004
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-23
Lab Code: R2410584-005
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410584

Sample Name: 115.1-24
Lab Code: R2410584-006
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-25A
Lab Code: R2410584-007
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-25B
Lab Code: R2410584-008
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-26
Lab Code: R2410584-009
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-27
Lab Code: R2410584-010
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410584

Sample Name: 115.1-28
Lab Code: R2410584-011
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-29
Lab Code: R2410584-012
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-31
Lab Code: R2410584-013
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-32
Lab Code: R2410584-014
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-33
Lab Code: R2410584-015
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410584

Sample Name: 115.1-34
Lab Code: R2410584-016
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-35A
Lab Code: R2410584-017
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-35B
Lab Code: R2410584-018
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-37
Lab Code: R2410584-019
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-38
Lab Code: R2410584-020
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410584

Sample Name: 115.1-39
Lab Code: R2410584-021
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-40
Lab Code: R2410584-022
Sample Matrix: Drinking Water

Date Collected: 10/8/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-66
Lab Code: R2410584-023
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-67A
Lab Code: R2410584-024
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-67B
Lab Code: R2410584-025
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410584

Sample Name: 115.1-68
Lab Code: R2410584-026
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-69
Lab Code: R2410584-027
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-70
Lab Code: R2410584-028
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-71
Lab Code: R2410584-029
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-72
Lab Code: R2410584-030
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410584

Sample Name: 115.1-73
Lab Code: R2410584-031
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-74
Lab Code: R2410584-032
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-75
Lab Code: R2410584-033
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-76
Lab Code: R2410584-034
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-77
Lab Code: R2410584-035
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410584

Sample Name: 115.1-79
Lab Code: R2410584-036
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

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

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Metals

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-03A
Lab Code: R2410584-001

Service Request: R2410584
Date Collected: 10/08/24 03:04
Date Received: 10/16/24 16:00
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	10/21/24 15:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-03B
Lab Code: R2410584-002

Service Request: R2410584
Date Collected: 10/08/24 03:06
Date Received: 10/16/24 16:00
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	10/21/24 15:41	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-16
Lab Code: R2410584-003

Service Request: R2410584
Date Collected: 10/08/24 03:32
Date Received: 10/16/24 16:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	5.1	ug/L	1.0	1	10/21/24 15:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-22
Lab Code: R2410584-004

Service Request: R2410584
Date Collected: 10/08/24 03:44
Date Received: 10/16/24 16:00
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	10/21/24 15:45	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-23
Lab Code: R2410584-005

Service Request: R2410584
Date Collected: 10/08/24 03:46
Date Received: 10/16/24 16:00
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	10/21/24 15:51	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-24
Lab Code: R2410584-006

Service Request: R2410584
Date Collected: 10/08/24 03:45
Date Received: 10/16/24 16:00
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	10/21/24 15:53	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-25A
Lab Code: R2410584-007

Service Request: R2410584
Date Collected: 10/08/24 03:50
Date Received: 10/16/24 16:00
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	10/21/24 15:55	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-25B
Lab Code: R2410584-008

Service Request: R2410584
Date Collected: 10/08/24 03:52
Date Received: 10/16/24 16:00
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	10/21/24 15:56	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-26
Lab Code: R2410584-009

Service Request: R2410584
Date Collected: 10/08/24 03:54
Date Received: 10/16/24 16:00
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	10/21/24 16:14	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-27
Lab Code: R2410584-010

Service Request: R2410584
Date Collected: 10/08/24 03:56
Date Received: 10/16/24 16:00
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	10/21/24 16:19	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-28
Lab Code: R2410584-011

Service Request: R2410584
Date Collected: 10/08/24 03:58
Date Received: 10/16/24 16:00
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	10/21/24 16:21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-29
Lab Code: R2410584-012

Service Request: R2410584
Date Collected: 10/08/24 04:00
Date Received: 10/16/24 16:00
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	10/21/24 16:23	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-31
Lab Code: R2410584-013

Service Request: R2410584
Date Collected: 10/08/24 23:00
Date Received: 10/16/24 16:00
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	10/21/24 16:25	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-32
Lab Code: R2410584-014

Service Request: R2410584
Date Collected: 10/08/24 23:02
Date Received: 10/16/24 16:00
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	10/21/24 16:26	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-33
Lab Code: R2410584-015

Service Request: R2410584
Date Collected: 10/08/24 23:04
Date Received: 10/16/24 16:00
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	10/21/24 16:32	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-34
Lab Code: R2410584-016

Service Request: R2410584
Date Collected: 10/08/24 23:06
Date Received: 10/16/24 16:00
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	10/21/24 16:34	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-35A
Lab Code: R2410584-017

Service Request: R2410584
Date Collected: 10/08/24 23:08
Date Received: 10/16/24 16:00
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	10/21/24 16:36	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-35B
Lab Code: R2410584-018

Service Request: R2410584
Date Collected: 10/08/24 23:10
Date Received: 10/16/24 16:00
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	10/21/24 16:38	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-37
Lab Code: R2410584-019

Service Request: R2410584
Date Collected: 10/08/24 23:14
Date Received: 10/16/24 16:00
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	10/21/24 16:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-38
Lab Code: R2410584-020

Service Request: R2410584
Date Collected: 10/08/24 23:16
Date Received: 10/16/24 16:00
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	10/21/24 16:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-39
Lab Code: R2410584-021

Service Request: R2410584
Date Collected: 10/08/24 23:18
Date Received: 10/16/24 16:00
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	10/21/24 16:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-40
Lab Code: R2410584-022

Service Request: R2410584
Date Collected: 10/08/24 23:20
Date Received: 10/16/24 16:00
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	10/21/24 16:45	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-66
Lab Code: R2410584-023

Service Request: R2410584
Date Collected: 10/09/24 00:12
Date Received: 10/16/24 16:00
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	10/21/24 16:47	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-67A
Lab Code: R2410584-024

Service Request: R2410584
Date Collected: 10/09/24 00:14
Date Received: 10/16/24 16:00
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	10/21/24 16:49	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-67B
Lab Code: R2410584-025

Service Request: R2410584
Date Collected: 10/09/24 00:16
Date Received: 10/16/24 16:00
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	10/21/24 16:55	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-68
Lab Code: R2410584-026

Service Request: R2410584
Date Collected: 10/09/24 00:11
Date Received: 10/16/24 16:00
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	10/21/24 16:57	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-69
Lab Code: R2410584-027

Service Request: R2410584
Date Collected: 10/09/24 00:20
Date Received: 10/16/24 16:00
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	10/21/24 16:58	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-70
Lab Code: R2410584-028

Service Request: R2410584
Date Collected: 10/09/24 00:22
Date Received: 10/16/24 16:00
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	10/21/24 17:00	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-71
Lab Code: R2410584-029

Service Request: R2410584
Date Collected: 10/09/24 00:24
Date Received: 10/16/24 16:00
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	10/21/24 17:13	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-72
Lab Code: R2410584-030

Service Request: R2410584
Date Collected: 10/09/24 00:26
Date Received: 10/16/24 16:00
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	10/21/24 17:19	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-73
Lab Code: R2410584-031

Service Request: R2410584
Date Collected: 10/09/24 00:28
Date Received: 10/16/24 16:00
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	10/21/24 17:21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-74
Lab Code: R2410584-032

Service Request: R2410584
Date Collected: 10/09/24 00:30
Date Received: 10/16/24 16:00
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	10/21/24 17:23	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-75
Lab Code: R2410584-033

Service Request: R2410584
Date Collected: 10/09/24 00:32
Date Received: 10/16/24 16:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.8	ug/L	1.0	1	10/21/24 17:25	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-76
Lab Code: R2410584-034

Service Request: R2410584
Date Collected: 10/09/24 00:34
Date Received: 10/16/24 16:00
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	10/21/24 17:26	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-77
Lab Code: R2410584-035

Service Request: R2410584
Date Collected: 10/09/24 00:36
Date Received: 10/16/24 16:00
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	10/21/24 17:32	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-79
Lab Code: R2410584-036

Service Request: R2410584
Date Collected: 10/09/24 00:40
Date Received: 10/16/24 16:00
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	10/21/24 17:34	



QC Summary Forms

ALS Environmental—Rochester Laboratory

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

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

www.alsglobal.com



Metals

ALS Environmental—Rochester Laboratory

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

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

www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410584-MB1

Service Request: R2410584
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	10/21/24 17:09	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410584-MB2

Service Request: R2410584
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	10/21/24 16:10	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410584-MB3

Service Request: R2410584
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	10/21/24 15:05	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410584
Date Collected: 10/09/24
Date Received: 10/16/24
Date Analyzed: 10/21/24

Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.1-70
Lab Code: R2410584-028
Analysis Method: 200.8

Units: ug/L
Basis: NA

Matrix Spike
R2410584-028MS

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	ND U	19.7	20.0	98	70-130

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: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410584
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/21/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.1-25B
Lab Code: R2410584-008
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2410584-008MS		Result	Duplicate Matrix Spike R2410584-008DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	19.5	20.0	98	20.5	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: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410584
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/21/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.1-26
Lab Code: R2410584-009
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2410584-009MS		Result	Duplicate Matrix Spike R2410584-009DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	20.4	20.0	102	21.0	20.0	105	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: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410584
Date Collected: 10/09/24
Date Received: 10/16/24
Date Analyzed: 10/21/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.1-71
Lab Code: R2410584-029
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2410584-029MS		Result	Duplicate Matrix Spike R2410584-029DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	18.1	20.0	91	21.3	20.0	106	70-130	16	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: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410584
Date Analyzed: 10/21/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410584-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	21.4	20.0	107	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410584
Date Analyzed: 10/21/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410584-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	21.7	20.0	108	85-115

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410584
Date Analyzed: 10/21/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410584-LCS3

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



October 24, 2024

Service Request No:R2410585

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

Laboratory Results for: Allegany Limestone CSD

Dear Michael,

Enclosed are the results of the sample(s) submitted to our laboratory October 16, 2024
For your reference, these analyses have been assigned our service request number **R2410585**.

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: Allegany Limestone CSD
Sample Matrix: Drinking Water

Service Request: R2410585
Date Received: 10/16/2024

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 10/16/2024. 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 10/24/2024



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: 115.1-81		Lab ID: R2410585-002				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8
CLIENT ID: 115.1-82		Lab ID: R2410585-003				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.7			1.0	ug/L	200.8
CLIENT ID: 115.1-86		Lab ID: R2410585-008				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.6			1.0	ug/L	200.8
CLIENT ID: 115.1-91		Lab ID: R2410585-012				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8
CLIENT ID: 115.1-92		Lab ID: R2410585-013				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8
CLIENT ID: 115.1-93		Lab ID: R2410585-014				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.6			1.0	ug/L	200.8
CLIENT ID: 115.1-96		Lab ID: R2410585-017				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.3			1.0	ug/L	200.8
CLIENT ID: 115.1-97		Lab ID: R2410585-018				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.0			1.0	ug/L	200.8
CLIENT ID: 115.1-98		Lab ID: R2410585-019				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8
CLIENT ID: 115.1-99		Lab ID: R2410585-020				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.3			1.0	ug/L	200.8
CLIENT ID: 115.1-100		Lab ID: R2410585-021				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8
CLIENT ID: 115.1-101		Lab ID: R2410585-022				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.3			1.0	ug/L	200.8



SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: 115.1-102		Lab ID: R2410585-023				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.6			1.0	ug/L	200.8
CLIENT ID: 115.1-103		Lab ID: R2410585-024				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.8			1.0	ug/L	200.8
CLIENT ID: 115.1-105		Lab ID: R2410585-026				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.0			1.0	ug/L	200.8
CLIENT ID: 115.1-108		Lab ID: R2410585-030				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.2			1.0	ug/L	200.8
CLIENT ID: 115.1-110		Lab ID: R2410585-032				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.3			1.0	ug/L	200.8
CLIENT ID: 115.1-111		Lab ID: R2410585-033				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.2			1.0	ug/L	200.8
CLIENT ID: 115.1-112		Lab ID: R2410585-034				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8
CLIENT ID: 115.1-113		Lab ID: R2410585-035				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	5.9			1.0	ug/L	200.8
CLIENT ID: 115.1-114		Lab ID: R2410585-036				
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: Allegany Limestone CSD/2023L-115.1

Service Request:R2410585

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2410585-001	115.1-80	10/9/2024	0042
R2410585-002	115.1-81	10/9/2024	0044
R2410585-003	115.1-82	10/9/2024	0046
R2410585-004	115.1-83	10/9/2024	0048
R2410585-005	115.1-84A	10/9/2024	0050
R2410585-006	115.1-84B	10/9/2024	0052
R2410585-007	115.1-85	10/9/2024	0054
R2410585-008	115.1-86	10/9/2024	0056
R2410585-009	115.1-88	10/9/2024	0100
R2410585-010	115.1-89	10/9/2024	0102
R2410585-011	115.1-90	10/9/2024	0104
R2410585-012	115.1-91	10/9/2024	0106
R2410585-013	115.1-92	10/9/2024	0108
R2410585-014	115.1-93	10/9/2024	0110
R2410585-015	115.1-94	10/9/2024	0112
R2410585-016	115.1-95	10/9/2024	0114
R2410585-017	115.1-96	10/9/2024	0116
R2410585-018	115.1-97	10/9/2024	0118
R2410585-019	115.1-98	10/9/2024	0120
R2410585-020	115.1-99	10/9/2024	0122
R2410585-021	115.1-100	10/9/2024	0124
R2410585-022	115.1-101	10/9/2024	0126
R2410585-023	115.1-102	10/9/2024	0128
R2410585-024	115.1-103	10/9/2024	0130
R2410585-025	115.1-104	10/9/2024	0132
R2410585-026	115.1-105	10/9/2024	0134
R2410585-027	115.1-106A	10/9/2024	0136
R2410585-028	115.1-106B	10/9/2024	0138
R2410585-029	115.1-107	10/9/2024	0140
R2410585-030	115.1-108	10/9/2024	0142
R2410585-031	115.1-109	10/9/2024	0144
R2410585-032	115.1-110	10/9/2024	0146
R2410585-033	115.1-111	10/9/2024	0148
R2410585-034	115.1-112	10/9/2024	0150
R2410585-035	115.1-113	10/9/2024	0152
R2410585-036	115.1-114	10/9/2024	0154



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 # 2023L-115.1

Client: Allegany Limestone CSD

Contact: Michael Bushnell

Building: Middle-High School

Location: 3131 Five Mile Road Allegany, NY 14706

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
115.1-80	Main Office BR	Sink	0:42
115.1-81	Girls 1st Floor HS BR Left	Sink	0:44
115.1-82	Girls 1st Floor HS BR Middle	Sink	0:46
115.1-83	Girls 1st Floor HS BR Right	Sink	0:48
115.1-84A	Fountain Near 1st Floor HS BR left	Drinking Fountain	0:50
115.1-84B	Fountain Near 1st Floor HS BR left	Bottle Fill	0:52
115.1-85	Fountain Near 1st Floor HS BR right	Drinking Fountain	0:54
115.1-86	1st Floor HS Teacher BR	Sink	0:56
115.1-88	Boys 1st Floor HS BR Left	Sink	1:00
115.1-89	Boys 1st Floor HS BR Middle	Sink	1:02
115.1-90	Boys 1st Floor HS BR Right	Sink	1:04
115.1-91	Room 138 Life Skills Sink	Sink	1:06
115.1-92	Room 140 Sink Left of Door	Sink	1:08
115.1-93	Room 140 Right Wall Middle Sink	Sink	1:10
115.1-94	Room 140 Right Wall Right Sink	Sink	1:12
115.1-95	Room 140 Kitchen Island Sink	Sink	1:14
115.1-96	Art Room 142 Left Wall	Sink	1:16
115.1-97	Art Room 142 Right Wall Leftmost Sink	Sink	1:18

Notes:

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

Rfranjioine@stohlenvironmental.com

Sampled By: M. Taylor Print Name M. Taylor Stohl Env: M. Taylor Date: 10/8/2024 & 10/9/2024

Relinquished By: Rebecca Franjoine Print Name Rebecca Franjoine Stohl Env: Rebecca Franjoine Date: 10/16/2024

Received (Name / Lab): blyc Date: 10/16/24 Time: 1620

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: _____

R2410585

5

Stohl Environmental
Allegany Limestone CSD





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 # 2023L-115.1

Client: Allegany Limestone CSD

Contact: Michael Bushnell

Building: Middle-High School

Location: 3131 Five Mile Road Allegany, NY 14706

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
115.1-98	Art Room 142 Right Wall Middle Sink	Sink	1:20
115.1-99	Art Room 142 Right Wall Rightmost Sink	Sink	1:22
115.1-100	Art Room 146 Sink Left of Door	Sink	1:24
115.1-101	Art Room 146 Left Wall Sink	Sink	1:26
115.1-102	Art Room 146 Far Wall Sink	Sink	1:28
115.1-103	Faculty Break Room Kitchenette	Sink	1:30
115.1-104	Mens Cafeteria BR	Sink	1:32
115.1-105	Womens Cafeteria BR	Sink	1:34
115.1-106A	Cafeteria fountain left	Drinking Fountain	1:36
115.1-106B	Cafeteria fountain left	Bottle Fill	1:38
115.1-107	Cafeteria fountain right	Drinking Fountain	1:40
115.1-108	Kitchen Handwash Southwest Corner	Sink	1:42
115.1-109	Kitchen Ice Machine Southwest Corner	Ice Machine	1:44
115.1-110	Kitchen Handwash North End	Sink	1:46
115.1-111	Kitchen Sprayer North End	Sink	1:48
115.1-112	Kitchen 2 Bay North End	Sink	1:50
115.1-113	Kitchen Nozzle Left of 2 Bay North End	Sink	1:52
115.1-114	Kitchen Steam Kettle	Sink	1:54

Notes:

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

Rfrancoine@stohlenvironmental.com

Sampled By: M. Taylor Print Name M. Taylor Stohl Env: M. Taylor Date: 10/8/2024 & 10/9/2024

Relinquished By: Rebecca Francoine Print Name Rebecca Francoine Stohl Env: Rebecca Francoine Date: 10/16/2024

Received (Name / Lab): only Date: 10/16/24 1650 Time: _____

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: _____

R2410585

Stohl Environmental
Allegany Limestone CSD

5



7



Cooler Receipt and Preservation Ch

R2410585

5

Stohl Environmental
Allegheny Limestone CSDProject/Client STOHL

Folder Number

Cooler received on 10/16by: RL

COURIER: 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 ☒ NA
5b	Sig* bubbles: Alk? Y ☒ N ☒ Sulfide? Y ☒ N ☒ NA	
6	Where did the bottles originate?	ALS/ROC CLIENT
7	Soil VOA received as: Bulk Encore 5035set	☒ NA

8. Temperature Readings Date: 10/16 Time: 1600 ID: IR#12 IR#1P From: Temp Blank Sample Bottle

Temp (°C)	12.2						
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: Geo by RL on 10/16 at 1600

5035 samples placed in storage location: by on at within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 10/20/24 Time: 10:55 by: RL

9. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES ☒ NO ☒
10. Did all bottle labels and tags agree with custody papers? YES ☒ NO ☒
11. Were correct containers used for the tests indicated? YES ☒ NO ☒
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES ☒ NO ☒ N/A
13. Were dissolved metals filtered in the field? YES ☒ NO ☒ N/A
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated ☒ N/A

pH	Lot of test paper	Reagent	Preserved?	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH	Yes No						
≤2	<u>226322</u>	HNO ₃	☒	<u>None</u>		<u>All</u>	<u>4ml each</u>	<u>237616</u>	<u>All 2d</u>
≤2		H ₂ SO ₄							
<4		NaHSO ₄							
5-9		For 608pest		No=Notify for 3day					
Residual		For CN,		If +, contact PM to add					
Chlorine (-)		Phenol, 625, 608pest, 522		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: 440520000, 091624-2A00,

Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RL

*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
Texas ID#T104704581
Virginia #460167

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

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

ALS Laboratory Group

Acronyms

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

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410585

Sample Name: 115.1-80
Lab Code: R2410585-001
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-81
Lab Code: R2410585-002
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-82
Lab Code: R2410585-003
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-83
Lab Code: R2410585-004
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-84A
Lab Code: R2410585-005
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410585

Sample Name: 115.1-84B
Lab Code: R2410585-006
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-85
Lab Code: R2410585-007
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-86
Lab Code: R2410585-008
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-88
Lab Code: R2410585-009
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-89
Lab Code: R2410585-010
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410585

Sample Name: 115.1-90
Lab Code: R2410585-011
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-91
Lab Code: R2410585-012
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-92
Lab Code: R2410585-013
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-93
Lab Code: R2410585-014
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-94
Lab Code: R2410585-015
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410585

Sample Name: 115.1-95
Lab Code: R2410585-016
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-96
Lab Code: R2410585-017
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-97
Lab Code: R2410585-018
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By
CDISTEFANO

Analyzed By
NMANSEN

Sample Name: 115.1-98
Lab Code: R2410585-019
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-99
Lab Code: R2410585-020
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410585

Sample Name: 115.1-100
Lab Code: R2410585-021
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-101
Lab Code: R2410585-022
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-102
Lab Code: R2410585-023
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-103
Lab Code: R2410585-024
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-104
Lab Code: R2410585-025
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410585

Sample Name: 115.1-105
Lab Code: R2410585-026
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-106A
Lab Code: R2410585-027
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-106B
Lab Code: R2410585-028
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-107
Lab Code: R2410585-029
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-108
Lab Code: R2410585-030
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410585

Sample Name: 115.1-109
Lab Code: R2410585-031
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By
CDISTEFANO

Analyzed By
NMANSEN

Sample Name: 115.1-110
Lab Code: R2410585-032
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-111
Lab Code: R2410585-033
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-112
Lab Code: R2410585-034
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-113
Lab Code: R2410585-035
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410585

Sample Name: 115.1-114
Lab Code: R2410585-036
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

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

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www.alsglobal.com



Metals

ALS Environmental—Rochester Laboratory

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www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-80
Lab Code: R2410585-001

Service Request: R2410585
Date Collected: 10/09/24 00:42
Date Received: 10/16/24 16:00
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	10/21/24 17:36	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-81
Lab Code: R2410585-002

Service Request: R2410585
Date Collected: 10/09/24 00:44
Date Received: 10/16/24 16:00
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	10/21/24 17:38	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-82
Lab Code: R2410585-003

Service Request: R2410585
Date Collected: 10/09/24 00:46
Date Received: 10/16/24 16:00
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	10/21/24 17:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-83
Lab Code: R2410585-004

Service Request: R2410585
Date Collected: 10/09/24 00:48
Date Received: 10/16/24 16:00
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	10/21/24 17:41	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-84A
Lab Code: R2410585-005

Service Request: R2410585
Date Collected: 10/09/24 00:50
Date Received: 10/16/24 16:00
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	10/21/24 17:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-84B
Lab Code: R2410585-006

Service Request: R2410585
Date Collected: 10/09/24 00:52
Date Received: 10/16/24 16:00
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	10/21/24 17:45	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-85
Lab Code: R2410585-007

Service Request: R2410585
Date Collected: 10/09/24 00:54
Date Received: 10/16/24 16:00
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	10/21/24 17:47	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-86
Lab Code: R2410585-008

Service Request: R2410585
Date Collected: 10/09/24 00:56
Date Received: 10/16/24 16:00
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	10/21/24 17:49	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-88
Lab Code: R2410585-009

Service Request: R2410585
Date Collected: 10/09/24 01:00
Date Received: 10/16/24 16:00
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	10/21/24 17:54	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-89
Lab Code: R2410585-010

Service Request: R2410585
Date Collected: 10/09/24 01:02
Date Received: 10/16/24 16:00
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	10/21/24 17:56	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-90
Lab Code: R2410585-011

Service Request: R2410585
Date Collected: 10/09/24 01:04
Date Received: 10/16/24 16:00
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	10/21/24 17:58	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-91
Lab Code: R2410585-012

Service Request: R2410585
Date Collected: 10/09/24 01:06
Date Received: 10/16/24 16:00
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	10/21/24 18:00	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-92
Lab Code: R2410585-013

Service Request: R2410585
Date Collected: 10/09/24 01:08
Date Received: 10/16/24 16:00
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	10/21/24 18:13	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-93
Lab Code: R2410585-014

Service Request: R2410585
Date Collected: 10/09/24 01:10
Date Received: 10/16/24 16:00
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	10/21/24 18:19	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-94
Lab Code: R2410585-015

Service Request: R2410585
Date Collected: 10/09/24 01:12
Date Received: 10/16/24 16:00
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	10/21/24 18:21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-95
Lab Code: R2410585-016

Service Request: R2410585
Date Collected: 10/09/24 01:14
Date Received: 10/16/24 16:00
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	10/21/24 18:22	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-96
Lab Code: R2410585-017

Service Request: R2410585
Date Collected: 10/09/24 01:16
Date Received: 10/16/24 16:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	2.3	ug/L	1.0	1	10/21/24 18:24	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-97
Lab Code: R2410585-018

Service Request: R2410585
Date Collected: 10/09/24 01:18
Date Received: 10/16/24 16:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead, Total	200.8	2.0	ug/L	1.0	1	10/22/24 15:10	10/21/24	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-98
Lab Code: R2410585-019

Service Request: R2410585
Date Collected: 10/09/24 01:20
Date Received: 10/16/24 16:00
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	10/21/24 18:26	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-99
Lab Code: R2410585-020

Service Request: R2410585
Date Collected: 10/09/24 01:22
Date Received: 10/16/24 16:00
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	10/21/24 18:32	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-100
Lab Code: R2410585-021

Service Request: R2410585
Date Collected: 10/09/24 01:24
Date Received: 10/16/24 16:00
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	10/21/24 18:34	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-101
Lab Code: R2410585-022

Service Request: R2410585
Date Collected: 10/09/24 01:26
Date Received: 10/16/24 16:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	2.3	ug/L	1.0	1	10/21/24 18:35	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-102
Lab Code: R2410585-023

Service Request: R2410585
Date Collected: 10/09/24 01:28
Date Received: 10/16/24 16:00
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	10/21/24 18:37	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-103
Lab Code: R2410585-024

Service Request: R2410585
Date Collected: 10/09/24 01:30
Date Received: 10/16/24 16:00
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	10/21/24 18:39	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-104
Lab Code: R2410585-025

Service Request: R2410585
Date Collected: 10/09/24 01:32
Date Received: 10/16/24 16:00
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	10/21/24 18:41	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-105
Lab Code: R2410585-026

Service Request: R2410585
Date Collected: 10/09/24 01:34
Date Received: 10/16/24 16:00
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	10/21/24 18:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-106A
Lab Code: R2410585-027

Service Request: R2410585
Date Collected: 10/09/24 01:36
Date Received: 10/16/24 16:00
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	10/21/24 18:45	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-106B
Lab Code: R2410585-028

Service Request: R2410585
Date Collected: 10/09/24 01:38
Date Received: 10/16/24 16:00
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	10/21/24 18:47	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-107
Lab Code: R2410585-029

Service Request: R2410585
Date Collected: 10/09/24 01:40
Date Received: 10/16/24 16:00
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	10/21/24 18:49	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-108
Lab Code: R2410585-030

Service Request: R2410585
Date Collected: 10/09/24 01:42
Date Received: 10/16/24 16:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	2.2	ug/L	1.0	1	10/21/24 18:54	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-109
Lab Code: R2410585-031

Service Request: R2410585
Date Collected: 10/09/24 01:44
Date Received: 10/16/24 16:00
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	10/22/24 15:12	10/21/24	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-110
Lab Code: R2410585-032

Service Request: R2410585
Date Collected: 10/09/24 01:46
Date Received: 10/16/24 16:00
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	10/21/24 18:56	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-111
Lab Code: R2410585-033

Service Request: R2410585
Date Collected: 10/09/24 01:48
Date Received: 10/16/24 16:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	3.2	ug/L	1.0	1	10/21/24 18:58	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-112
Lab Code: R2410585-034

Service Request: R2410585
Date Collected: 10/09/24 01:50
Date Received: 10/16/24 16:00
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	10/21/24 19:00	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-113
Lab Code: R2410585-035

Service Request: R2410585
Date Collected: 10/09/24 01:52
Date Received: 10/16/24 16:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	5.9	ug/L	1.0	1	10/21/24 19:13	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-114
Lab Code: R2410585-036

Service Request: R2410585
Date Collected: 10/09/24 01:54
Date Received: 10/16/24 16:00
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	10/21/24 19:18	



QC Summary Forms

ALS Environmental—Rochester Laboratory

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Metals

ALS Environmental—Rochester Laboratory

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410585-MB1

Service Request: R2410585
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	10/22/24 14:03	10/21/24	
Lead, Total	200.8	ND U	ug/L	1.0	1	10/21/24 19:09	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410585-MB2

Service Request: R2410585
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	10/21/24 18:09	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410585-MB3

Service Request: R2410585
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	10/21/24 17:09	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410585
Date Collected: 10/09/24
Date Received: 10/16/24
Date Analyzed: 10/21/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.1-91
Lab Code: R2410585-012
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	1.2	21.9	20.0	103	20.0	20.0	94	70-130	9	20

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

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

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

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

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410585
Date Collected: 10/09/24
Date Received: 10/16/24
Date Analyzed: 10/21/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.1-92
Lab Code: R2410585-013
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	1.2	21.9	20.0	103	22.1	20.0	104	70-130	<1	20

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

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

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

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ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410585
Date Collected: 10/09/24
Date Received: 10/16/24
Date Analyzed: 10/21/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.1-112
Lab Code: R2410585-034
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	19.2	20.0	90	18.1	20.0	84	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: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410585
Date Collected: 10/09/24
Date Received: 10/16/24
Date Analyzed: 10/21/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.1-113
Lab Code: R2410585-035
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Matrix Spike				Duplicate Matrix Spike					
	R2410585-035MS				R2410585-035DMS					
	Sample Result	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Lead, Total	5.9	24.5	20.0	93	24.0	20.0	91	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: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410585
Date Analyzed: 10/21/24 - 10/22/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410585-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	19.7	20.0	98	85-115
Lead, Total	200.8	23.0	20.0	115	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410585
Date Analyzed: 10/21/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410585-LCS2

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

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410585
Date Analyzed: 10/21/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410585-LCS3

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	21.4	20.0	107	85-115



October 24, 2024

Service Request No:R2410586

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

Laboratory Results for: Allegany Limestone CSD

Dear Michael,

Enclosed are the results of the sample(s) submitted to our laboratory October 16, 2024
For your reference, these analyses have been assigned our service request number **R2410586**.

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: Allegany Limestone CSD
Sample Matrix: Drinking Water

Service Request: R2410586
Date Received: 10/16/2024

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 10/16/2024. 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

10/24/2024



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: 115.1-116		Lab ID: R2410586-002				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.8			1.0	ug/L	200.8
CLIENT ID: 115.1-117		Lab ID: R2410586-003				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.5			1.0	ug/L	200.8
CLIENT ID: 115.1-118		Lab ID: R2410586-004				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.3			1.0	ug/L	200.8
CLIENT ID: 115.1-119		Lab ID: R2410586-005				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.4			1.0	ug/L	200.8
CLIENT ID: 115.1-123		Lab ID: R2410586-009				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.3			1.0	ug/L	200.8
CLIENT ID: 115.1-124		Lab ID: R2410586-010				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.3			1.0	ug/L	200.8
CLIENT ID: 115.1-130		Lab ID: R2410586-015				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.0			1.0	ug/L	200.8
CLIENT ID: 115.1-133		Lab ID: R2410586-018				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.7			1.0	ug/L	200.8
CLIENT ID: 115.1-143		Lab ID: R2410586-024				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8
CLIENT ID: 115.1-144		Lab ID: R2410586-025				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.4			1.0	ug/L	200.8
CLIENT ID: 115.1-146		Lab ID: R2410586-027				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.7			1.0	ug/L	200.8
CLIENT ID: 115.1-147		Lab ID: R2410586-028				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.5			1.0	ug/L	200.8



Sample Receipt Information

ALS Environmental—Rochester Laboratory

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www.alsglobal.com

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request:R2410586

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2410586-001	115.1-115	10/9/2024	0156
R2410586-002	115.1-116	10/9/2024	0158
R2410586-003	115.1-117	10/9/2024	0200
R2410586-004	115.1-118	10/9/2024	0202
R2410586-005	115.1-119	10/9/2024	0204
R2410586-006	115.1-120	10/9/2024	0206
R2410586-007	115.1-121	10/9/2024	0208
R2410586-008	115.1-122	10/9/2024	0210
R2410586-009	115.1-123	10/9/2024	0212
R2410586-010	115.1-124	10/9/2024	0214
R2410586-011	115.1-126	10/9/2024	0211
R2410586-012	115.1-127	10/9/2024	0220
R2410586-013	115.1-128	10/9/2024	0222
R2410586-014	115.1-129	10/9/2024	0224
R2410586-015	115.1-130	10/9/2024	0226
R2410586-016	115.1-131	10/9/2024	0228
R2410586-017	115.1-132	10/9/2024	0230
R2410586-018	115.1-133	10/9/2024	0232
R2410586-019	115.1-138	10/9/2024	0242
R2410586-020	115.1-140A	10/9/2024	0246
R2410586-021	115.1-140B	10/9/2024	0248
R2410586-022	115.1-141	10/9/2024	0250
R2410586-023	115.1-142	10/9/2024	0252
R2410586-024	115.1-143	10/9/2024	0254
R2410586-025	115.1-144	10/9/2024	0256
R2410586-026	115.1-145	10/9/2024	0258
R2410586-027	115.1-146	10/9/2024	0300
R2410586-028	115.1-147	10/9/2024	0302
R2410586-029	115.1-148	10/9/2024	0304
R2410586-030	115.1-149	10/9/2024	0306
R2410586-031	115.1-150	10/9/2024	0308
R2410586-032	115.1-151	10/9/2024	0310
R2410586-033	115.1-152	10/9/2024	0312
R2410586-034	115.1-153	10/9/2024	0314
R2410586-035	115.1-154A	10/9/2024	0316
R2410586-036	115.1-154B	10/9/2024	0318



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

Chain of Custody Document

Submitted to: (Lab Name) ALS

STOHL Job # 2023L-115.1

Client: Allegany Limestone CSD

Contact: Michael Bushnell

Building: Middle-High School

Location: 3131 Five Mile Road Allegany, NY 14706

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
115.1-115	Kitchen Steam Kettle Sprayer	Sink	1:56
115.1-116	Kitchen Center Single Bay	Sink	1:58
115.1-117	Kitchen Handwash Northeast	Sink	2:00
115.1-118	Kitchen 3 Bay Left	Sink	2:02
115.1-119	Kitchen 3 Bay Center	Sink	2:04
115.1-120	Kitchen 3 Bay Right	Sink	2:06
115.1-121	Kitchen Mens Lav	Sink	2:08
115.1-122	Kitchen Womens Lav	Sink	2:10
115.1-123	Kitchen Dish Wash Sprayer	Sink	2:12
115.1-124	Kitchen Dish Room Handwash	Sink	2:14
115.1-126	Ground Floor Single BR Right	Sink	2:18
115.1-127	Ground Floor Single BR Left	Sink	2:20
115.1-128	Ground Floor Boys Gym Locker Room Left	Sink	2:22
115.1-129	Ground Floor Boys Gym Locker Room Right	Sink	2:24
115.1-130	Coach's Office 55 BR	Sink	2:26
115.1-131	Ground Floor Girls Gym Locker Room Left	Sink	2:28
115.1-132	Ground Floor Girls Gym Locker Room Right	Sink	2:30
115.1-133	Room 42 Kitchenette	Sink	2:32

Notes:

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

Rfranjoiene@stohlenvironmental.com

Sampled By: M. Taylor Print Name M. Taylor Stohl Env: M. Taylor Date: 10/8/2024 & 10/9/2024

Relinquished By: Rebecca Franjoine Print Name Rebecca Franjoine Stohl Env: Rebecca Franjoine Date: 10/16/2024

Received (Name / Lab): body a Date: 10/16/24 Time: 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: _____





Chain of Custody Document

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PHONE (716) 312-0070 FAX (716) 312-8092
WWW.STOHLENVIRONMENTAL.COM

Submitted to: (Lab Name) ALS

STOHL Job # 2023L-115.1

Client: Allegany Limestone CSD

Contact: Michael Bushnell

Building: Middle-High School

Location: 3131 Five Mile Road Allegany, NY 14706

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
115.1-138	Room 36 Kitchenette	Sink	2:42
115.1-140A	Soccer/Outdoor Concession Stand Corridor Fountain Left	Drinking Fountain	2:46
115.1-140B	Soccer/Outdoor Concession Stand Corridor Fountain Left	Bottle Fill	2:48
115.1-141	Soccer/Outdoor Concession Stand Corridor Fountain right	Drinking Fountain	2:50
115.1-142	Soccer/Outdoor Concession Stand Handwash	Sink	2:52
115.1-143	Soccer/Outdoor Concession Stand 3 Bay	Sink	2:54
115.1-144	Soccer/Outdoor Concession Mens BR Left	Sink	2:56
115.1-145	Soccer/Outdoor Concession Mens BR Right	Sink	2:58
115.1-146	Soccer/Outdoor Concession Womens BR Left	Sink	3:00
115.1-147	Soccer/Outdoor Concession Womens BR Right	Sink	3:02
115.1-148	Ground Floor Girls Gang Lav Left Most	Sink	3:04
115.1-149	Ground Floor Girls Gang Lav 2nd Left	Sink	3:06
115.1-150	Ground Floor Girls Gang Lav 3rd Left	Sink	3:08
115.1-151	Ground Floor Girls Gang Lav 3rd Right	Sink	3:10
115.1-152	Ground Floor Girls Gang Lav 2nd Right	Sink	3:12
115.1-153	Ground Floor Girls Gang Lav Right Most	Sink	3:14
115.1-154A	Ground Floor Fountain Between Gang Lavs Left	Drinking Fountain	3:16
115.1-154B	Ground Floor Fountain Between Gang Lavs Left	Bottle Fill	3:18

Notes:

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

Rfrancoine@stohlenvironmental.com

Sampled By: M. Taylor Print Name M. Taylor Stohl Env: M. Taylor Date: 10/8/2024 & 10/9/2024

Relinquished By: Rebecca Francoine Print Name Rebecca Francoine Stohl Env: Rebecca Francoine Date: 10/16/2024

Received (Name / Lab): by Date: 10/16/24 Time: 1600

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: _____

Page 6 of 8

Time: 5
R2410586

Stohl Environmental
Allegany Limestone CSD



7



Cooler Receipt and Preservation Check

R2410586

5

Stohl Environmental
Allegheny Limestone CSDProject/Client STOHL Folder Number _____Cooler received on 10/16 by: AL

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y ☒
2	Custody papers properly completed (ink, signed)?	☒ 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?	ALS/ROC CLIENT
7	Soil VOA received as: Bulk Encore 5035set	☒ NA

8. Temperature Readings Date: 10/16 Time: 1600 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	12.2						
Within 0-6°C?	Y ☒	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: Geo by AL on 10/16 at 1600
 5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 10/20/24 Time: 11:15 by: KE

9. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES ☒ NO ☒
 10. Did all bottle labels and tags agree with custody papers? YES ☒ NO ☒
 11. Were correct containers used for the tests indicated? YES ☒ NO ☒
 12. Were 5035 vials acceptable (no extra labels, not leaking)? YES ☒ NO ☒ N/A ☒
 13. Were dissolved metals filtered in the field? YES ☒ NO ☒ N/A ☒
 14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated ☒ N/A

pH	Lot of test paper	Reagent	Preserved?		Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
			Yes	No						
≥12		NaOH								
≤2	<u>226302</u>	HNO ₃		☒	<u>None</u>		<u>All</u>	<u>4ml each</u>	<u>237616</u>	<u>All 22</u>
≤2		H ₂ SO ₄								
<4		NaHSO ₄								
5-9		For 608pest			No-Notify for 3day					
Residual		For CN,			If +, contact PM to add					
Chlorine (-)		Phenol, 625; 608pest, 522			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: 091624-2ADD
 Explain all Discrepancies/ Other Comments: _____

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

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



Miscellaneous Forms

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REPORT QUALIFIERS AND DEFINITIONS

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

Rochester Lab ID # for State Accreditations¹



NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

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

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

ALS Laboratory Group

Acronyms

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

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410586

Sample Name: 115.1-115
Lab Code: R2410586-001
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By
CDISTEFANO

Analyzed By
NMANSEN

Sample Name: 115.1-116
Lab Code: R2410586-002
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-117
Lab Code: R2410586-003
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-118
Lab Code: R2410586-004
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-119
Lab Code: R2410586-005
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410586

Sample Name: 115.1-120
Lab Code: R2410586-006
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-121
Lab Code: R2410586-007
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-122
Lab Code: R2410586-008
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-123
Lab Code: R2410586-009
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-124
Lab Code: R2410586-010
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410586

Sample Name: 115.1-126
Lab Code: R2410586-011
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-127
Lab Code: R2410586-012
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-128
Lab Code: R2410586-013
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-129
Lab Code: R2410586-014
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-130
Lab Code: R2410586-015
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

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Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410586

Sample Name: 115.1-131
Lab Code: R2410586-016
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-132
Lab Code: R2410586-017
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-133
Lab Code: R2410586-018
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-138
Lab Code: R2410586-019
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-140A
Lab Code: R2410586-020
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410586

Sample Name: 115.1-140B
Lab Code: R2410586-021
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-141
Lab Code: R2410586-022
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-142
Lab Code: R2410586-023
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-143
Lab Code: R2410586-024
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-144
Lab Code: R2410586-025
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410586

Sample Name: 115.1-145
Lab Code: R2410586-026
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-146
Lab Code: R2410586-027
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-147
Lab Code: R2410586-028
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-148
Lab Code: R2410586-029
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-149
Lab Code: R2410586-030
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410586

Sample Name: 115.1-150
Lab Code: R2410586-031
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-151
Lab Code: R2410586-032
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-152
Lab Code: R2410586-033
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-153
Lab Code: R2410586-034
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-154A
Lab Code: R2410586-035
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410586

Sample Name: 115.1-154B
Lab Code: R2410586-036
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

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

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Metals

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-115
Lab Code: R2410586-001

Service Request: R2410586
Date Collected: 10/09/24 01:56
Date Received: 10/16/24 16:00
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	10/22/24 15:14	10/21/24	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-116
Lab Code: R2410586-002

Service Request: R2410586
Date Collected: 10/09/24 01:58
Date Received: 10/16/24 16:00
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	10/21/24 19:20	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-117
Lab Code: R2410586-003

Service Request: R2410586
Date Collected: 10/09/24 02:00
Date Received: 10/16/24 16:00
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	10/21/24 19:22	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-118
Lab Code: R2410586-004

Service Request: R2410586
Date Collected: 10/09/24 02:02
Date Received: 10/16/24 16:00
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	10/21/24 19:24	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-119
Lab Code: R2410586-005

Service Request: R2410586
Date Collected: 10/09/24 02:04
Date Received: 10/16/24 16:00
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	10/21/24 19:26	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-120
Lab Code: R2410586-006

Service Request: R2410586
Date Collected: 10/09/24 02:06
Date Received: 10/16/24 16:00
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	10/21/24 19:31	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-121
Lab Code: R2410586-007

Service Request: R2410586
Date Collected: 10/09/24 02:08
Date Received: 10/16/24 16:00
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	10/21/24 19:33	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-122
Lab Code: R2410586-008

Service Request: R2410586
Date Collected: 10/09/24 02:10
Date Received: 10/16/24 16:00
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	10/21/24 19:35	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-123
Lab Code: R2410586-009

Service Request: R2410586
Date Collected: 10/09/24 02:12
Date Received: 10/16/24 16:00
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	10/21/24 19:37	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-124
Lab Code: R2410586-010

Service Request: R2410586
Date Collected: 10/09/24 02:14
Date Received: 10/16/24 16:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	2.3	ug/L	1.0	1	10/21/24 19:39	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-126
Lab Code: R2410586-011

Service Request: R2410586
Date Collected: 10/09/24 02:11
Date Received: 10/16/24 16:00
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	10/21/24 19:41	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-127
Lab Code: R2410586-012

Service Request: R2410586
Date Collected: 10/09/24 02:20
Date Received: 10/16/24 16:00
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	10/21/24 19:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-128
Lab Code: R2410586-013

Service Request: R2410586
Date Collected: 10/09/24 02:22
Date Received: 10/16/24 16:00
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	10/21/24 19:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-129
Lab Code: R2410586-014

Service Request: R2410586
Date Collected: 10/09/24 02:24
Date Received: 10/16/24 16:00
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	10/21/24 19:46	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-130
Lab Code: R2410586-015

Service Request: R2410586
Date Collected: 10/09/24 02:26
Date Received: 10/16/24 16:00
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	10/21/24 19:48	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-131
Lab Code: R2410586-016

Service Request: R2410586
Date Collected: 10/09/24 02:28
Date Received: 10/16/24 16:00
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	10/21/24 19:54	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-132
Lab Code: R2410586-017

Service Request: R2410586
Date Collected: 10/09/24 02:30
Date Received: 10/16/24 16:00
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	10/21/24 19:55	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-133
Lab Code: R2410586-018

Service Request: R2410586
Date Collected: 10/09/24 02:32
Date Received: 10/16/24 16:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	2.7	ug/L	1.0	1	10/21/24 19:57	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-138
Lab Code: R2410586-019

Service Request: R2410586
Date Collected: 10/09/24 02:42
Date Received: 10/16/24 16:00
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	10/21/24 19:59	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-140A
Lab Code: R2410586-020

Service Request: R2410586
Date Collected: 10/09/24 02:46
Date Received: 10/16/24 16:00
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	10/21/24 20:12	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-140B
Lab Code: R2410586-021

Service Request: R2410586
Date Collected: 10/09/24 02:48
Date Received: 10/16/24 16:00
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	10/21/24 20:18	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-141
Lab Code: R2410586-022

Service Request: R2410586
Date Collected: 10/09/24 02:50
Date Received: 10/16/24 16:00
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	10/21/24 20:20	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-142
Lab Code: R2410586-023

Service Request: R2410586
Date Collected: 10/09/24 02:52
Date Received: 10/16/24 16:00
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	10/21/24 20:21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-143
Lab Code: R2410586-024

Service Request: R2410586
Date Collected: 10/09/24 02:54
Date Received: 10/16/24 16:00
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	10/21/24 20:23	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-144
Lab Code: R2410586-025

Service Request: R2410586
Date Collected: 10/09/24 02:56
Date Received: 10/16/24 16:00
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	10/21/24 20:25	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-145
Lab Code: R2410586-026

Service Request: R2410586
Date Collected: 10/09/24 02:58
Date Received: 10/16/24 16:00
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	10/21/24 20:31	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-146
Lab Code: R2410586-027

Service Request: R2410586
Date Collected: 10/09/24 03:00
Date Received: 10/16/24 16:00
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	10/21/24 20:32	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-147
Lab Code: R2410586-028

Service Request: R2410586
Date Collected: 10/09/24 03:02
Date Received: 10/16/24 16:00
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	10/21/24 20:34	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-148
Lab Code: R2410586-029

Service Request: R2410586
Date Collected: 10/09/24 03:04
Date Received: 10/16/24 16:00
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	10/21/24 20:36	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-149
Lab Code: R2410586-030

Service Request: R2410586
Date Collected: 10/09/24 03:06
Date Received: 10/16/24 16:00
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	10/21/24 20:38	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-150
Lab Code: R2410586-031

Service Request: R2410586
Date Collected: 10/09/24 03:08
Date Received: 10/16/24 16:00
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	10/21/24 20:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-151
Lab Code: R2410586-032

Service Request: R2410586
Date Collected: 10/09/24 03:10
Date Received: 10/16/24 16:00
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	10/21/24 20:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-152
Lab Code: R2410586-033

Service Request: R2410586
Date Collected: 10/09/24 03:12
Date Received: 10/16/24 16:00
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	10/21/24 20:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-153
Lab Code: R2410586-034

Service Request: R2410586
Date Collected: 10/09/24 03:14
Date Received: 10/16/24 16:00
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	10/21/24 20:45	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-154A
Lab Code: R2410586-035

Service Request: R2410586
Date Collected: 10/09/24 03:16
Date Received: 10/16/24 16:00
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	10/21/24 20:47	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-154B
Lab Code: R2410586-036

Service Request: R2410586
Date Collected: 10/09/24 03:18
Date Received: 10/16/24 16:00
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	10/21/24 20:53	



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: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410586-MB1

Service Request: R2410586
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	10/22/24 14:03	10/21/24	
Lead, Total	200.8	ND U	ug/L	1.0	1	10/21/24 20:08	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410586-MB2

Service Request: R2410586
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	10/21/24 19:09	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410586
Date Collected: 10/09/24
Date Received: 10/16/24
Date Analyzed: 10/21/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.1-138
Lab Code: R2410586-019
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2410586-019MS		Result	Duplicate Matrix Spike R2410586-019DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	17.9	20.0	90	18.4	20.0	92	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: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410586
Date Collected: 10/09/24
Date Received: 10/16/24
Date Analyzed: 10/21/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.1-140A
Lab Code: R2410586-020
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2410586-020MS		Result	Duplicate Matrix Spike R2410586-020DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	15.4	20.0	77	15.0	20.0	75	70-130	2	20

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

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

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

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

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410586
Date Analyzed: 10/21/24 - 10/22/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410586-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	19.7	20.0	98	85-115
Lead, Total	200.8	20.7	20.0	104	85-115

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410586
Date Analyzed: 10/21/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410586-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	23.0	20.0	115	85-115



October 24, 2024

Service Request No:R2410587

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

Laboratory Results for: Allegany Limestone CSD

Dear Michael,

Enclosed are the results of the sample(s) submitted to our laboratory October 16, 2024
For your reference, these analyses have been assigned our service request number **R2410587**.

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: Allegany Limestone CSD
Sample Matrix: Drinking Water

Service Request: R2410587
Date Received: 10/16/2024

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:

Twenty one drinking water samples were received for analysis at ALS Environmental on 10/16/2024. 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 10/24/2024



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: 115.1-156			Lab ID: R2410587-002			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.9			1.0	ug/L	200.8

CLIENT ID: 115.1-157			Lab ID: R2410587-003			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.2			1.0	ug/L	200.8

CLIENT ID: 115.1-158			Lab ID: R2410587-004			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.5			1.0	ug/L	200.8

CLIENT ID: 115.1-167			Lab ID: R2410587-014			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.6			1.0	ug/L	200.8

CLIENT ID: 115.1-171			Lab ID: R2410587-018			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.8			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: Allegany Limestone CSD/2023L-115.1

Service Request:R2410587

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2410587-001	115.1-155	10/9/2024	0320
R2410587-002	115.1-156	10/9/2024	0322
R2410587-003	115.1-157	10/9/2024	0324
R2410587-004	115.1-158	10/9/2024	0326
R2410587-005	115.1-159	10/9/2024	0328
R2410587-006	115.1-160	10/9/2024	0330
R2410587-007	115.1-161	10/9/2024	0332
R2410587-008	115.1-162	10/9/2024	0334
R2410587-009	115.1-163	10/9/2024	0336
R2410587-010	115.1-164	10/9/2024	0338
R2410587-011	115.1-165A	10/9/2024	0340
R2410587-012	115.1-165B	10/9/2024	0342
R2410587-013	115.1-166	10/9/2024	0344
R2410587-014	115.1-167	10/9/2024	0346
R2410587-015	115.1-168	10/9/2024	0348
R2410587-016	115.1-169	10/9/2024	0350
R2410587-017	115.1-170	10/9/2024	0352
R2410587-018	115.1-171	10/9/2024	0354
R2410587-019	115.1-172A	10/9/2024	0356
R2410587-020	115.1-172B	10/9/2024	0358
R2410587-021	115.1-173	10/9/2024	0400



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

Chain of Custody Document

Submitted to: (Lab Name) ALS

STOHL Job # 2023L-115.1

Client: Allegany Limestone CSD Contact: Michael Bushnell

Building: Middle-High School Location: 3131 Five Mile Road Allegany, NY 14706

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
115.1-155	Ground Floor Fountain Between Gang Lavs right	Drinking Fountain	3:20
115.1-156	Ground Floor Boys Gang Lav Left Most	Sink	3:22
115.1-157	Ground Floor Boys Gang Lav 2nd Left	Sink	3:24
115.1-158	Ground Floor Boys Gang Lav Center	Sink	3:26
115.1-159	Ground Floor Boys Gang Lav 2nd Right	Sink	3:28
115.1-160	Ground Floor Boys Gang Lav Right Most	Sink	3:30
115.1-161	Ground Floor Basketball Concession Stand	Sink	3:32
115.1-162	Ground Floor Womens Single Lav Outside Pool Locker Rooms	Sink	3:34
115.1-163	Ground Floor Unisex Single Lav Outside Pool Locker Rooms	Sink	3:36
115.1-164	District Office 6 Kitchenette	Sink	3:38
115.1-165A	Fountain in Corridor Outside of Pool Left	Drinking Fountain	3:40
115.1-165B	Fountain in Corridor Outside of Pool Left	Bottle Fill	3:42
115.1-166	Fountain in Corridor Outside of Pool right	Drinking Fountain	3:44
115.1-167	Boys Pool Locker Room Right	Sink	3:46
115.1-168	Girls Pool Locker Room Left	Sink	3:48
115.1-169	Girls Pool Locker Room right	Sink	3:50
115.1-170	Pool Trainers Room 23 Main	Sink	3:52
115.1-171	Pool Trainers Room 23 Lav	Sink	3:54

Notes:

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

Rfranjoi@stohlenvironmental.com

Sampled By: M. Taylor Print Name M. Taylor Stohl Env: M. Taylor Date: 10/8/2024 & 10/9/2024

Relinquished By: Rebecca Franjoine Print Name Rebecca Franjoine Stohl Env: Rebecca Franjoine Date: 10/16/2024

Received (Name / Lab): by Date: 10/16/24 Time: 1600

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: _____

R2410587

5

Stohl Environmental
Allegany Limestone CSD



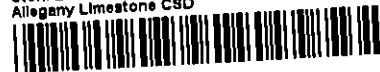
7



Cooler Receipt and Preservation Check

R2410587

5

Stoht Environmental
Allegheny Limestone CSDProject/Client STOHL

Folder Number _____

Cooler received on 10/16by: Bur

COURIER: 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 ☒ NA
5b	Sig* bubbles: Alk? Y ☒ N ☒ Sulfide? Y ☒ N ☒ NA	
6	Where did the bottles originate?	ALS/ROC CLIENT
7	Soil VOA received as: Bulk Encore 5035set	NA

8. Temperature Readings Date: 10/16 Time: 1600 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	12.2						
Within 0-6°C?	Y ☒	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: SFO by Bur on 10/16 at 1600

5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 10/20/24 Time: 11635 by: MB

9. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES ☒ NO ☒
10. Did all bottle labels and tags agree with custody papers? YES ☒ NO ☒
11. Were correct containers used for the tests indicated? YES ☒ NO ☒
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES ☒ NO ☒ N/A ☒
13. Were dissolved metals filtered in the field? YES ☒ NO ☒ N/A ☒
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized _____ Tedlar® Bags Inflated ☒ N/A

pH	Lot of test paper	Reagent	Preserved?		Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
			Yes	No						
≥12		NaOH								
≤2	226322	HNO ₃		X	None		All	4 ml each	237616	All 2
≤2		H ₂ SO ₄								
<4		NaHSO ₄								
5-9		For 608pest			No=Notify for 3day					
Residual		For CN,			If +, contact PM to add					
Chlorine (-)		Phenol, 625, 608pest, 522			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: 091624-2ADD

Explain all Discrepancies/ Other Comments: _____

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: MB

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



Miscellaneous Forms

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REPORT QUALIFIERS AND DEFINITIONS

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

Rochester Lab ID # for State Accreditations¹



NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

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

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

ALS Laboratory Group

Acronyms

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

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410587

Sample Name: 115.1-155
Lab Code: R2410587-001
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-156
Lab Code: R2410587-002
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-157
Lab Code: R2410587-003
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-158
Lab Code: R2410587-004
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-159
Lab Code: R2410587-005
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410587

Sample Name: 115.1-160
Lab Code: R2410587-006
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-161
Lab Code: R2410587-007
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-162
Lab Code: R2410587-008
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-163
Lab Code: R2410587-009
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-164
Lab Code: R2410587-010
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410587

Sample Name: 115.1-165A
Lab Code: R2410587-011
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-165B
Lab Code: R2410587-012
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-166
Lab Code: R2410587-013
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-167
Lab Code: R2410587-014
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-168
Lab Code: R2410587-015
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410587

Sample Name: 115.1-169
Lab Code: R2410587-016
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-170
Lab Code: R2410587-017
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-171
Lab Code: R2410587-018
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-172A
Lab Code: R2410587-019
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

Sample Name: 115.1-172B
Lab Code: R2410587-020
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1

Service Request: R2410587

Sample Name: 115.1-173
Lab Code: R2410587-021
Sample Matrix: Drinking Water

Date Collected: 10/9/24
Date Received: 10/16/24

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

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dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-155
Lab Code: R2410587-001

Service Request: R2410587
Date Collected: 10/09/24 03:20
Date Received: 10/16/24 16:00
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	10/21/24 20:55	

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dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-156
Lab Code: R2410587-002

Service Request: R2410587
Date Collected: 10/09/24 03:22
Date Received: 10/16/24 16:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	4.9	ug/L	1.0	1	10/21/24 20:56	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-157
Lab Code: R2410587-003

Service Request: R2410587
Date Collected: 10/09/24 03:24
Date Received: 10/16/24 16:00
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	2.2	ug/L	1.0	1	10/21/24 20:58	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-158
Lab Code: R2410587-004

Service Request: R2410587
Date Collected: 10/09/24 03:26
Date Received: 10/16/24 16:00
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	10/22/24 16:33	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-159
Lab Code: R2410587-005

Service Request: R2410587
Date Collected: 10/09/24 03:28
Date Received: 10/16/24 16:00
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	10/22/24 16:39	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-160
Lab Code: R2410587-006

Service Request: R2410587
Date Collected: 10/09/24 03:30
Date Received: 10/16/24 16:00
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	10/22/24 16:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-161
Lab Code: R2410587-007

Service Request: R2410587
Date Collected: 10/09/24 03:32
Date Received: 10/16/24 16:00
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	10/22/24 16:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-162
Lab Code: R2410587-008

Service Request: R2410587
Date Collected: 10/09/24 03:34
Date Received: 10/16/24 16:00
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	10/22/24 16:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-163
Lab Code: R2410587-009

Service Request: R2410587
Date Collected: 10/09/24 03:36
Date Received: 10/16/24 16:00
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	10/22/24 16:46	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-164
Lab Code: R2410587-010

Service Request: R2410587
Date Collected: 10/09/24 03:38
Date Received: 10/16/24 16:00
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	10/22/24 16:52	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-165A
Lab Code: R2410587-011

Service Request: R2410587
Date Collected: 10/09/24 03:40
Date Received: 10/16/24 16:00
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	10/22/24 16:53	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-165B
Lab Code: R2410587-012

Service Request: R2410587
Date Collected: 10/09/24 03:42
Date Received: 10/16/24 16:00
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	10/22/24 16:55	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-166
Lab Code: R2410587-013

Service Request: R2410587
Date Collected: 10/09/24 03:44
Date Received: 10/16/24 16:00
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	10/22/24 16:57	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-167
Lab Code: R2410587-014

Service Request: R2410587
Date Collected: 10/09/24 03:46
Date Received: 10/16/24 16:00
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	10/22/24 16:59	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-168
Lab Code: R2410587-015

Service Request: R2410587
Date Collected: 10/09/24 03:48
Date Received: 10/16/24 16:00
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	10/22/24 17:01	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-169
Lab Code: R2410587-016

Service Request: R2410587
Date Collected: 10/09/24 03:50
Date Received: 10/16/24 16:00
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	10/22/24 17:03	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-170
Lab Code: R2410587-017

Service Request: R2410587
Date Collected: 10/09/24 03:52
Date Received: 10/16/24 16:00
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	10/22/24 17:05	

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Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-171
Lab Code: R2410587-018

Service Request: R2410587
Date Collected: 10/09/24 03:54
Date Received: 10/16/24 16:00
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	10/22/24 17:07	

ALS Group USA, Corp.
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Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-172A
Lab Code: R2410587-019

Service Request: R2410587
Date Collected: 10/09/24 03:56
Date Received: 10/16/24 16:00
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	10/22/24 17:08	

ALS Group USA, Corp.
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Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: 115.1-172B
Lab Code: R2410587-020

Service Request: R2410587
Date Collected: 10/09/24 03:58
Date Received: 10/16/24 16:00
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	10/22/24 17:14	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Sample Name: 115.1-173
Lab Code: R2410587-021

Service Request: R2410587
Date Collected: 10/09/24 04:00
Date Received: 10/16/24 16:00

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	10/22/24 17:16	



QC Summary Forms

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Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410587-MB1

Service Request: R2410587
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	10/21/24 20:08	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410587-MB2

Service Request: R2410587
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	10/22/24 16:29	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410587
Date Collected: 10/09/24
Date Received: 10/16/24
Date Analyzed: 10/21/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.1-157
Lab Code: R2410587-003
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Matrix Spike R2410587-003MS				Duplicate Matrix Spike R2410587-003DMS				RPD Limit
		Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	RPD		
Lead, Total	2.2	20.0	20.0	89	19.3	20.0	86	70-130	3	20

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

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

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

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

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QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410587
Date Collected: 10/09/24
Date Received: 10/16/24
Date Analyzed: 10/22/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.1-158
Lab Code: R2410587-004
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	1.5	19.7	20.0	91	20.4	20.0	94	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.
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QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410587
Date Analyzed: 10/21/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410587-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: Allegany Limestone CSD/2023L-115.1
Sample Matrix: Drinking Water

Service Request: R2410587
Date Analyzed: 10/22/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410587-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	17.2	20.0	86	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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