

November 4, 2024

Mr. Michael Bushnell
Director of Facilities
Allegany-Limestone CSD
120 Maple Avenue
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:

- Elementary School – 120 Maple Avenue, 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. As detailed in Section 1.2 (*Executive Summary*) of the accompanying report, based upon the sampling and analysis performed, 19 sources of potable water in the Elementary 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 8, 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:

- Elementary School – 120 Maple Avenue, Allegany, New York 14706

Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from outlets within the Elementary 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 Elementary School:

Building Name	Date of Sampling	Total Samples	At or Below Action Level*	Above Action Level*
Elementary School	October 8, 2024	91	72	19

**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)
115.2-09	Room 109	Sink	12.6
115.2-22	Room 124/126	Sink	9.5
115.2-23	Room 125	Sink	24.8
115.2-24	Room 127	Sink	17.5
115.2-25	Room 129	Sink	6.0
115.2-26	Room 131	Sink	8.8
115.2-33	Room 137	Sink	9.8
115.2-34	Kitchen Serving Handwash	Sink	11.4
115.2-41	Kitchen Dish Sprayer	Sink	5.6
115.2-43	Room 163 Left	Sink	6.0
115.2-44	Room 163 Right	Sink	41.5
115.2-54	Room 177	Sink	5.5
115.2-56	Room 178	Sink	11.1
115.2-61	Single Lav 5 Mile Road	Sink	8.6
115.2-69	Room 201	Sink	15.6
115.2-76	Room 189	Sink	6.9
115.2-78	Room 185	Sink	18.7
115.2-79	Boys Lav Maple Avenue Left	Sink	6.3
115.2-90	Room 181	Sink	5.1

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 29, 2024

Service Request No:R2410588

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 **R2410588**.

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: R2410588
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 10/29/2024



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: 115.2-01		Lab ID: R2410588-001				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.5			1.0	ug/L	200.8
CLIENT ID: 115.2-02		Lab ID: R2410588-002				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.7			1.0	ug/L	200.8
CLIENT ID: 115.2-03		Lab ID: R2410588-003				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.7			1.0	ug/L	200.8
CLIENT ID: 115.2-06		Lab ID: R2410588-006				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.9			1.0	ug/L	200.8
CLIENT ID: 115.2-07		Lab ID: R2410588-007				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.1			1.0	ug/L	200.8
CLIENT ID: 115.2-08		Lab ID: R2410588-008				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.8			1.0	ug/L	200.8
CLIENT ID: 115.2-09		Lab ID: R2410588-009				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	12.6			1.0	ug/L	200.8
CLIENT ID: 115.2-10		Lab ID: R2410588-010				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.7			1.0	ug/L	200.8
CLIENT ID: 115.2-11		Lab ID: R2410588-011				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.6			1.0	ug/L	200.8
CLIENT ID: 115.2-12		Lab ID: R2410588-012				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.4			1.0	ug/L	200.8
CLIENT ID: 115.2-13		Lab ID: R2410588-013				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.5			1.0	ug/L	200.8
CLIENT ID: 115.2-14		Lab ID: R2410588-014				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.2			1.0	ug/L	200.8



SAMPLE DETECTION SUMMARY

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

CLIENT ID: 115.2-15		Lab ID: R2410588-015				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.4			1.0	ug/L	200.8
CLIENT ID: 115.2-16		Lab ID: R2410588-016				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.9			1.0	ug/L	200.8
CLIENT ID: 115.2-18		Lab ID: R2410588-018				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.6			1.0	ug/L	200.8
CLIENT ID: 115.2-19		Lab ID: R2410588-019				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.6			1.0	ug/L	200.8
CLIENT ID: 115.2-20		Lab ID: R2410588-020				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.0			1.0	ug/L	200.8
CLIENT ID: 115.2-21		Lab ID: R2410588-021				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.7			1.0	ug/L	200.8
CLIENT ID: 115.2-22		Lab ID: R2410588-022				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	9.5			1.0	ug/L	200.8
CLIENT ID: 115.2-23		Lab ID: R2410588-023				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	24.8			1.0	ug/L	200.8
CLIENT ID: 115.2-24		Lab ID: R2410588-024				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	17.5			1.0	ug/L	200.8
CLIENT ID: 115.2-25		Lab ID: R2410588-025				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	6.0			1.0	ug/L	200.8
CLIENT ID: 115.2-26		Lab ID: R2410588-026				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	8.8			1.0	ug/L	200.8
CLIENT ID: 115.2-27		Lab ID: R2410588-027				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.4			1.0	ug/L	200.8



SAMPLE DETECTION SUMMARY

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

CLIENT ID: 115.2-28			Lab ID: R2410588-028			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.4			1.0	ug/L	200.8

CLIENT ID: 115.2-29			Lab ID: R2410588-029			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.6			1.0	ug/L	200.8

CLIENT ID: 115.2-30			Lab ID: R2410588-030			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.4			1.0	ug/L	200.8

CLIENT ID: 115.2-33			Lab ID: R2410588-034			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	9.8			1.0	ug/L	200.8

CLIENT ID: 115.2-34			Lab ID: R2410588-035			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	11.4			1.0	ug/L	200.8

CLIENT ID: 115.2-35			Lab ID: R2410588-036			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.1			1.0	ug/L	200.8



Sample Receipt Information

ALS Environmental—Rochester Laboratory

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

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

www.alsglobal.com

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2

Service Request:R2410588

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2410588-001	115.2-01	10/8/2024	2300
R2410588-002	115.2-02	10/8/2024	2302
R2410588-003	115.2-03	10/8/2024	2304
R2410588-004	115.2-04A	10/8/2024	2306
R2410588-005	115.2-04B	10/8/2024	2308
R2410588-006	115.2-06	10/8/2024	2312
R2410588-007	115.2-07	10/8/2024	2314
R2410588-008	115.2-08	10/8/2024	2316
R2410588-009	115.2-09	10/8/2024	2318
R2410588-010	115.2-10	10/8/2024	2320
R2410588-011	115.2-11	10/8/2024	2322
R2410588-012	115.2-12	10/8/2024	2324
R2410588-013	115.2-13	10/8/2024	2326
R2410588-014	115.2-14	10/8/2024	2328
R2410588-015	115.2-15	10/8/2024	2330
R2410588-016	115.2-16	10/8/2024	2332
R2410588-017	115.2-17	10/8/2024	2334
R2410588-018	115.2-18	10/8/2024	2336
R2410588-019	115.2-19	10/8/2024	2338
R2410588-020	115.2-20	10/8/2024	2340
R2410588-021	115.2-21	10/8/2024	2342
R2410588-022	115.2-22	10/8/2024	2344
R2410588-023	115.2-23	10/8/2024	2346
R2410588-024	115.2-24	10/8/2024	2348
R2410588-025	115.2-25	10/8/2024	2350
R2410588-026	115.2-26	10/8/2024	2352
R2410588-027	115.2-27	10/8/2024	2354
R2410588-028	115.2-28	10/8/2024	2356
R2410588-029	115.2-29	10/8/2024	2358
R2410588-030	115.2-30	10/8/2024	0000
R2410588-031	115.2-31A	10/8/2024	0002
R2410588-032	115.2-31B	10/8/2024	0004
R2410588-033	115.2-32	10/8/2024	0006
R2410588-034	115.2-33	10/8/2024	0008
R2410588-035	115.2-34	10/8/2024	0010
R2410588-036	115.2-35	10/8/2024	0012



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-115.2

Client: Allegany Limestone CSD

Contact: Michael Bushnell

Building: Elementary School

Location: 120 Maple Ave Allegany, NY 14706

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
115.2-01	Room 101/103	Sink	23:00
115.2-02	Room 100/102	Sink	23:02
115.2-03	Womens Lav Outside 103	Sink	23:04
115.2-04A	Fountain Outside 105 A	Drinking Fountain	23:06
115.2-04B	Fountain Outside 105 B	Bottle Fill	23:08
115.2-06	Single Lav Outside 107	Sink	23:12
115.2-07	Room 107	Sink	23:14
115.2-08	Room 108	Sink	23:16
115.2-09	Room 109	Sink	23:18
115.2-10	Room 110	Sink	23:20
115.2-11	Room 111/113	Sink	23:22
115.2-12	Room 113 Left	Sink	23:24
115.2-13	Room 113 Right	Sink	23:26
115.2-14	Girls Locker Room Left	Sink	23:28
115.2-15	Girls Locker Room Right	Sink	23:30
115.2-16	Boys Locker Room	Sink	23:32
115.2-17	Fountain in Gym	Drinking Fountain	23:34
115.2-18	Womens Lav Church Street	Sink	23:36

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

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

Received (Name / Lab): [Signature] Date: 10/16/24 Time: 1600

Sample Login (Name / Lab): [Signature] Date: ' Time:

Analysis (Name / Lab): Date: Time:

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

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

R2410588

Stohl Environmental
Allegany Limestone CSD

5





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-115.2

Client: Allegany Limestone CSD

Contact: Michael Bushnell

Building: Elementary School

Location: 120 Maple Ave Allegany, NY 14706

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
115.2-19	Men's Lav Church Street	Sink	23:38
115.2-20	Room 121/123	Sink	23:40
115.2-21	Room 120/122	Sink	23:42
115.2-22	Room 124/126	Sink	23:44
115.2-23	Room 125	Sink	23:46
115.2-24	Room 127	Sink	23:48
115.2-25	Room 129	Sink	23:50
115.2-26	Room 131	Sink	23:52
115.2-27	Girls Lav Nicols Run Road Left	Sink	23:54
115.2-28	Girls Lav Nichols Run Road Right	Sink	23:56
115.2-29	Boys Lav Nichols Run Road Left	Sink	23:58
115.2-30	Boys Lav Nichols Run Road Right	Sink	0:00
115.2-31A	Fountain Outside Girls Lav Nichols Run Road	Drinking Fountain	0:02
115.2-31B	Fountain Outside Girls Lav Nichols Run Road	Bottle Fill	0:04
115.2-32	Fountain Outside Boys Lav Nichols Run Road	Bottle Fill	0:06
115.2-33	Room 137	Sink	0:08
115.2-34	Kitchen Serving Handwash	Sink	0:10
115.2-35	Kitchen Prep Single Bay Northeast	Sink	0:12

Notes:

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

Rfranjoine@stohlenvironmental.com

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

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

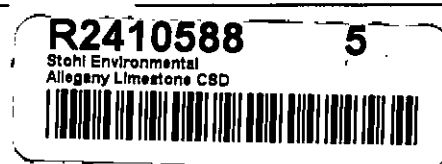
Received (Name / Lab): [Signature] Date: 10/16/24 Time: 1600

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: _____



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Cooler Receipt and Preservation

R2410588

5

Stahl Environmental
Allegheny Limestone CSDProject/Client STOHL Folder Number _____Cooler received on 10/16 by: 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 ☒
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#12 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 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: 12:03 by: RE

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		None		411	4ml each	237616	11.22
<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, 042423-2A110
 Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RE *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-115.2

Service Request: R2410588

Sample Name: 115.2-01
Lab Code: R2410588-001
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: 115.2-02
Lab Code: R2410588-002
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: 115.2-03
Lab Code: R2410588-003
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: 115.2-04A
Lab Code: R2410588-004
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: 115.2-04B
Lab Code: R2410588-005
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-115.2

Service Request: R2410588

Sample Name: 115.2-06
Lab Code: R2410588-006
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: 115.2-07
Lab Code: R2410588-007
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: 115.2-08
Lab Code: R2410588-008
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: 115.2-09
Lab Code: R2410588-009
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: 115.2-10
Lab Code: R2410588-010
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-115.2

Service Request: R2410588

Sample Name: 115.2-11
Lab Code: R2410588-011
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: 115.2-12
Lab Code: R2410588-012
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: 115.2-13
Lab Code: R2410588-013
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: 115.2-14
Lab Code: R2410588-014
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: 115.2-15
Lab Code: R2410588-015
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-115.2

Service Request: R2410588

Sample Name: 115.2-16
Lab Code: R2410588-016
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: 115.2-17
Lab Code: R2410588-017
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: 115.2-18
Lab Code: R2410588-018
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: 115.2-19
Lab Code: R2410588-019
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: 115.2-20
Lab Code: R2410588-020
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-115.2

Service Request: R2410588

Sample Name: 115.2-21
Lab Code: R2410588-021
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: 115.2-22
Lab Code: R2410588-022
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: 115.2-23
Lab Code: R2410588-023
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: 115.2-24
Lab Code: R2410588-024
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: 115.2-25
Lab Code: R2410588-025
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-115.2

Service Request: R2410588

Sample Name: 115.2-26
Lab Code: R2410588-026
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: 115.2-27
Lab Code: R2410588-027
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: 115.2-28
Lab Code: R2410588-028
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: 115.2-29
Lab Code: R2410588-029
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: 115.2-30
Lab Code: R2410588-030
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-115.2

Service Request: R2410588

Sample Name: 115.2-31A
Lab Code: R2410588-031
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: 115.2-31B
Lab Code: R2410588-032
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: 115.2-32
Lab Code: R2410588-033
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: 115.2-33
Lab Code: R2410588-034
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: 115.2-34
Lab Code: R2410588-035
Sample Matrix: Drinking Water

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

Analysis Method
200.8

Extracted/Digested By
CDISTEFANO

Analyzed By
NMANSEN

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2

Service Request: R2410588

Sample Name: 115.2-35
Lab Code: R2410588-036
Sample Matrix: Drinking Water

Date Collected: 10/8/24
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

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-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-01
Lab Code: R2410588-001

Service Request: R2410588
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	1.5	ug/L	1.0	1	10/22/24 17:18	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-02
Lab Code: R2410588-002

Service Request: R2410588
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	2.7	ug/L	1.0	1	10/22/24 17:20	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-03
Lab Code: R2410588-003

Service Request: R2410588
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	1.7	ug/L	1.0	1	10/25/24 12:52	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-04A
Lab Code: R2410588-004

Service Request: R2410588
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	10/25/24 12:53	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-04B
Lab Code: R2410588-005

Service Request: R2410588
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	10/25/24 12:55	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-06
Lab Code: R2410588-006

Service Request: R2410588
Date Collected: 10/08/24 23:12
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	2.9	ug/L	1.0	1	10/25/24 13:10	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-07
Lab Code: R2410588-007

Service Request: R2410588
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	2.1	ug/L	1.0	1	10/25/24 13:16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-08
Lab Code: R2410588-008

Service Request: R2410588
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	2.8	ug/L	1.0	1	10/25/24 13:17	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-09
Lab Code: R2410588-009

Service Request: R2410588
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	12.6	ug/L	1.0	1	10/25/24 13:19	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-10
Lab Code: R2410588-010

Service Request: R2410588
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	2.7	ug/L	1.0	1	10/25/24 13:21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-11
Lab Code: R2410588-011

Service Request: R2410588
Date Collected: 10/08/24 23:22
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	2.6	ug/L	1.0	1	10/25/24 13:23	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-12
Lab Code: R2410588-012

Service Request: R2410588
Date Collected: 10/08/24 23:24
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	2.4	ug/L	1.0	1	10/25/24 13:28	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-13
Lab Code: R2410588-013

Service Request: R2410588
Date Collected: 10/08/24 23:26
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	2.5	ug/L	1.0	1	10/25/24 13:30	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-14
Lab Code: R2410588-014

Service Request: R2410588
Date Collected: 10/08/24 23:28
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	3.2	ug/L	1.0	1	10/25/24 13:32	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-15
Lab Code: R2410588-015

Service Request: R2410588
Date Collected: 10/08/24 23:30
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	2.4	ug/L	1.0	1	10/25/24 13:34	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-16
Lab Code: R2410588-016

Service Request: R2410588
Date Collected: 10/08/24 23:32
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	2.9	ug/L	1.0	1	10/25/24 13:36	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-17
Lab Code: R2410588-017

Service Request: R2410588
Date Collected: 10/08/24 23:34
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	10/25/24 13:38	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-18
Lab Code: R2410588-018

Service Request: R2410588
Date Collected: 10/08/24 23:36
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	1.6	ug/L	1.0	1	10/25/24 13:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-19
Lab Code: R2410588-019

Service Request: R2410588
Date Collected: 10/08/24 23:38
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	1.6	ug/L	1.0	1	10/25/24 13:41	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-20
Lab Code: R2410588-020

Service Request: R2410588
Date Collected: 10/08/24 23:40
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	2.0	ug/L	1.0	1	10/25/24 13:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-21
Lab Code: R2410588-021

Service Request: R2410588
Date Collected: 10/08/24 23:42
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	2.7	ug/L	1.0	1	10/25/24 13:45	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-22
Lab Code: R2410588-022

Service Request: R2410588
Date Collected: 10/08/24 23:44
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	9.5	ug/L	1.0	1	10/25/24 13:51	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-23
Lab Code: R2410588-023

Service Request: R2410588
Date Collected: 10/08/24 23:46
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	24.8	ug/L	1.0	1	10/25/24 13:52	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-24
Lab Code: R2410588-024

Service Request: R2410588
Date Collected: 10/08/24 23:48
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	17.5	ug/L	1.0	1	10/25/24 13:54	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-25
Lab Code: R2410588-025

Service Request: R2410588
Date Collected: 10/08/24 23:50
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	6.0	ug/L	1.0	1	10/25/24 13:56	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-26
Lab Code: R2410588-026

Service Request: R2410588
Date Collected: 10/08/24 23:52
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	8.8	ug/L	1.0	1	10/25/24 14:09	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-27
Lab Code: R2410588-027

Service Request: R2410588
Date Collected: 10/08/24 23:54
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	1.4	ug/L	1.0	1	10/25/24 14:14	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-28
Lab Code: R2410588-028

Service Request: R2410588
Date Collected: 10/08/24 23:56
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	2.4	ug/L	1.0	1	10/25/24 14:16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-29
Lab Code: R2410588-029

Service Request: R2410588
Date Collected: 10/08/24 23:58
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	1.6	ug/L	1.0	1	10/25/24 14:18	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-30
Lab Code: R2410588-030

Service Request: R2410588
Date Collected: 10/08/24 00:00
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	3.4	ug/L	1.0	1	10/25/24 14:20	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-31A
Lab Code: R2410588-031

Service Request: R2410588
Date Collected: 10/08/24 00:02
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	10/25/24 14:22	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-31B
Lab Code: R2410588-032

Service Request: R2410588
Date Collected: 10/08/24 00:04
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	10/25/24 14:27	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-32
Lab Code: R2410588-033

Service Request: R2410588
Date Collected: 10/08/24 00:06
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	10/25/24 14:29	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-33
Lab Code: R2410588-034

Service Request: R2410588
Date Collected: 10/08/24 00:08
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	9.8	ug/L	1.0	1	10/25/24 14:31	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-34
Lab Code: R2410588-035

Service Request: R2410588
Date Collected: 10/08/24 00:10
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	11.4	ug/L	1.0	1	10/24/24 10:32	10/23/24	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-35
Lab Code: R2410588-036

Service Request: R2410588
Date Collected: 10/08/24 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	2.1	ug/L	1.0	1	10/25/24 14:33	



QC Summary Forms

ALS Environmental—Rochester Laboratory

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Metals

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dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410588-MB1

Service Request: R2410588
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	10/24/24 10:26	10/23/24	
Lead, Total	200.8	ND U	ug/L	1.0	1	10/22/24 16:29	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410588-MB2

Service Request: R2410588
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	10/25/24 12:05	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410588-MB3

Service Request: R2410588
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	10/25/24 13:06	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410588-MB4

Service Request: R2410588
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	10/25/24 14:05	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410588
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/22/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.2-02
Lab Code: R2410588-002
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	2.7	20.2	20.0	87	19.7	20.0	85	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-115.2
Sample Matrix: Drinking Water

Service Request: R2410588
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/25/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.2-04B
Lab Code: R2410588-005
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2410588-005MS		Result	Duplicate Matrix Spike R2410588-005DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	20.0	20.0	100	20.1	20.0	100	70-130	<1	20

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

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

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

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

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410588
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/25/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.2-06
Lab Code: R2410588-006
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	2.9	23.0	20.0	100	22.4	20.0	97	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-115.2
Sample Matrix: Drinking Water

Service Request: R2410588
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/25/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.2-25
Lab Code: R2410588-025
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result		Matrix Spike		Duplicate Matrix Spike				RPD	RPD Limit
			Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits		
Lead, Total	6.0	25.9	20.0	100	25.4	20.0	97	70-130	2	20

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

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

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

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

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410588
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/25/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.2-26
Lab Code: R2410588-026
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2410588-026MS		Result	Duplicate Matrix Spike R2410588-026DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	8.8	27.4	20.0	93	29.0	20.0	101	70-130	6	20

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

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

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

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

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410588
Date Analyzed: 10/22/24 - 10/24/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410588-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.7	20.0	103	85-115
Lead, Total	200.8	17.2	20.0	86	85-115

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410588
Date Analyzed: 10/25/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410588-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.9	20.0	104	85-115

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

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410588
Date Analyzed: 10/25/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410588-LCS3

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

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410588
Date Analyzed: 10/25/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410588-LCS4

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	18.7	20.0	94	85-115



October 31, 2024

Service Request No:R2410589

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 **R2410589**.

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

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PHONE +1 585 288 5380 | **FAX** +1 585 288 8475

ALS Group USA, Corp.
dba ALS Environmental



Narrative Documents

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Client: Stohl Environmental
Project: Allegany Limestone CSD
Sample Matrix: Drinking Water

Service Request: R2410589
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

10/31/2024



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: 115.2-36		Lab ID: R2410589-001				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.0			1.0	ug/L	200.8
CLIENT ID: 115.2-37		Lab ID: R2410589-002				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.5			1.0	ug/L	200.8
CLIENT ID: 115.2-38		Lab ID: R2410589-003				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.3			1.0	ug/L	200.8
CLIENT ID: 115.2-39		Lab ID: R2410589-004				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.4			1.0	ug/L	200.8
CLIENT ID: 115.2-40		Lab ID: R2410589-005				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.5			1.0	ug/L	200.8
CLIENT ID: 115.2-41		Lab ID: R2410589-006				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	5.6			1.0	ug/L	200.8
CLIENT ID: 115.2-43		Lab ID: R2410589-007				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	6.0			1.0	ug/L	200.8
CLIENT ID: 115.2-44		Lab ID: R2410589-008				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	41.5			1.0	ug/L	200.8
CLIENT ID: 115.2-45		Lab ID: R2410589-009				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.5			1.0	ug/L	200.8
CLIENT ID: 115.2-46		Lab ID: R2410589-010				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.7			1.0	ug/L	200.8
CLIENT ID: 115.2-47		Lab ID: R2410589-011				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.1			1.0	ug/L	200.8
CLIENT ID: 115.2-48		Lab ID: R2410589-012				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.2			1.0	ug/L	200.8



SAMPLE DETECTION SUMMARY

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

CLIENT ID: 115.2-49		Lab ID: R2410589-013				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.2			1.0	ug/L	200.8
CLIENT ID: 115.2-50		Lab ID: R2410589-014				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.3			1.0	ug/L	200.8
CLIENT ID: 115.2-53		Lab ID: R2410589-018				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.8			1.0	ug/L	200.8
CLIENT ID: 115.2-54		Lab ID: R2410589-019				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	5.5			1.0	ug/L	200.8
CLIENT ID: 115.2-55		Lab ID: R2410589-020				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.9			1.0	ug/L	200.8
CLIENT ID: 115.2-56		Lab ID: R2410589-021				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	11.1			1.0	ug/L	200.8
CLIENT ID: 115.2-57		Lab ID: R2410589-022				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.2			1.0	ug/L	200.8
CLIENT ID: 115.2-58		Lab ID: R2410589-023				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.5			1.0	ug/L	200.8
CLIENT ID: 115.2-59		Lab ID: R2410589-024				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.4			1.0	ug/L	200.8
CLIENT ID: 115.2-60		Lab ID: R2410589-025				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.6			1.0	ug/L	200.8
CLIENT ID: 115.2-61		Lab ID: R2410589-026				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	8.6			1.0	ug/L	200.8
CLIENT ID: 115.2-62		Lab ID: R2410589-027				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.4			1.0	ug/L	200.8



SAMPLE DETECTION SUMMARY

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

CLIENT ID: 115.2-63		Lab ID: R2410589-028				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.0			1.0	ug/L	200.8

CLIENT ID: 115.2-64		Lab ID: R2410589-029				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.6			1.0	ug/L	200.8

CLIENT ID: 115.2-68		Lab ID: R2410589-033				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.7			1.0	ug/L	200.8

CLIENT ID: 115.2-69		Lab ID: R2410589-034				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	15.6			1.0	ug/L	200.8

CLIENT ID: 115.2-70		Lab ID: R2410589-035				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.4			1.0	ug/L	200.8

CLIENT ID: 115.2-71		Lab ID: R2410589-036				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.2			1.0	ug/L	200.8



Sample Receipt Information

ALS Environmental—Rochester Laboratory

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

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

www.alsglobal.com

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2

Service Request:R2410589

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2410589-001	115.2-36	10/8/2024	0014
R2410589-002	115.2-37	10/8/2024	0016
R2410589-003	115.2-38	10/8/2024	0018
R2410589-004	115.2-39	10/8/2024	0020
R2410589-005	115.2-40	10/8/2024	0022
R2410589-006	115.2-41	10/8/2024	0024
R2410589-007	115.2-43	10/8/2024	0028
R2410589-008	115.2-44	10/8/2024	0030
R2410589-009	115.2-45	10/8/2024	0032
R2410589-010	115.2-46	10/8/2024	0034
R2410589-011	115.2-47	10/8/2024	0036
R2410589-012	115.2-48	10/8/2024	0038
R2410589-013	115.2-49	10/8/2024	0040
R2410589-014	115.2-50	10/8/2024	0042
R2410589-015	115.2-51A	10/8/2024	0044
R2410589-016	115.2-51B	10/8/2024	0046
R2410589-017	115.2-52	10/8/2024	0048
R2410589-018	115.2-53	10/8/2024	0050
R2410589-019	115.2-54	10/8/2024	0052
R2410589-020	115.2-55	10/8/2024	0054
R2410589-021	115.2-56	10/8/2024	0056
R2410589-022	115.2-57	10/8/2024	0058
R2410589-023	115.2-58	10/8/2024	0100
R2410589-024	115.2-59	10/8/2024	0102
R2410589-025	115.2-60	10/8/2024	0104
R2410589-026	115.2-61	10/8/2024	0106
R2410589-027	115.2-62	10/8/2024	0108
R2410589-028	115.2-63	10/8/2024	0110
R2410589-029	115.2-64	10/8/2024	0112
R2410589-030	115.2-65A	10/8/2024	0114
R2410589-031	115.2-65B	10/8/2024	0116
R2410589-032	115.2-66	10/8/2024	0118
R2410589-033	115.2-68	10/8/2024	0122
R2410589-034	115.2-69	10/8/2024	0124
R2410589-035	115.2-70	10/8/2024	0126
R2410589-036	115.2-71	10/8/2024	0128



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-115.2

Client: Allegany Limestone CSD

Contact: Michael Bushnell

Building: Elementary School

Location: 120 Maple Ave Allegany, NY 14706

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
115.2-36	Kitchen Center Handwash	Sink	0:14
115.2-37	Kitchen Lav	Sink	0:16
115.2-38	Kitchen Rear Prep Single Bay East	Sink	0:18
115.2-39	Kitchen 3 Bay Left	Sink	0:20
115.2-40	Kitchen 3 Bay Right	Sink	0:22
115.2-41	Kitchen Dish Sprayer	Sink	0:24
115.2-43	Room 163 Left	Sink	0:28
115.2-44	Room 163 Right	Sink	0:30
115.2-45	Nurse Main	Sink	0:32
115.2-46	Nurse Lav	Sink	0:34
115.2-47	Main Office Kitchenette	Sink	0:36
115.2-48	Main Office Lav	Sink	0:38
115.2-49	CSE Office	Sink	0:40
115.2-50	Main Entrance gender neutral left	Sink	0:42
115.2-51A	Main Entrance Left Fountain	Drinking Fountain	0:44
115.2-51B	Main Entrance Left Fountain	Bottle Fill	0:46
115.2-52	Main Entrance Right Fountain	Drinking Fountain	0:48
115.2-53	Main Entrance gender neutral right	Sink	0:50

Notes:

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

Rfrancoine@stohlenvironmental.com

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

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

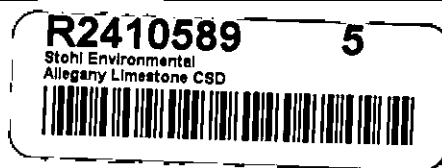
Received (Name / Lab): Sally K Date: 10/16/24 Time: 1600

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: _____





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-115.2

Client: Allegany Limestone CSD

Contact: Michael Bushnell

Building: Elementary School

Location: 120 Maple Ave Allegany, NY 14706

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
115.2-54	Room 177	Sink	0:52
115.2-55	Room 179	Sink	0:54
115.2-56	Room 178	Sink	0:56
115.2-57	Room 205	Sink	0:58
115.2-58	Boys Lav 5 Mile Road Left	Sink	1:00
115.2-59	Boys Lav Five Mile Road Center	Sink	1:02
115.2-60	Boys Lav 5 Mile Road Right	Sink	1:04
115.2-61	Single Lav 5 Mile Road	Sink	1:06
115.2-62	Girls Lav 5 Mile Road Left	Sink	1:08
115.2-63	Girls Lav 5 Mile Road Center	Sink	1:10
115.2-64	Girls Lav 5 Mile Road Right	Sink	1:12
115.2-65A	Mile Road Left Fountain	Drinking Fountain	1:14
115.2-65B	Mile Road Left Fountain	Bottle Fill	1:16
115.2-66	Mile Road Right Fountain	Drinking Fountain	1:18
115.2-68	Room 203	Sink	1:22
115.2-69	Room 201	Sink	1:24
115.2-70	Room 199	Sink	1:26
115.2-71	Room 196	Sink	1:28

Notes:

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

Rfranjoine@stohlenvironmental.com

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

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

Received (Name / Lab): Andy Kim 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: _____

R2410589

5

Stohl Environmental
Allegany Limestone CSD



7



Cooler Receipt and Preservation

R2410589

5

Stohl Environmental
Allegheny Limestone CSDProject/Client STOHL Folder NumberCooler received on 10/16 by: Burke

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)	<u>12.2</u>						
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 Burke 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: 12:17 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>206302</u>	HNO ₃		<u>None</u>		<u>Al</u>	<u>4ml each</u>	<u>23766</u>	<u>Al 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: 042423-2ADD, 440522000
 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

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-115.2

Service Request: R2410589

Sample Name: 115.2-36
Lab Code: R2410589-001
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: 115.2-37
Lab Code: R2410589-002
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: 115.2-38
Lab Code: R2410589-003
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: 115.2-39
Lab Code: R2410589-004
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: 115.2-40
Lab Code: R2410589-005
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-115.2

Service Request: R2410589

Sample Name: 115.2-41
Lab Code: R2410589-006
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: 115.2-43
Lab Code: R2410589-007
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: 115.2-44
Lab Code: R2410589-008
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: 115.2-45
Lab Code: R2410589-009
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: 115.2-46
Lab Code: R2410589-010
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-115.2

Service Request: R2410589

Sample Name: 115.2-47
Lab Code: R2410589-011
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: 115.2-48
Lab Code: R2410589-012
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: 115.2-49
Lab Code: R2410589-013
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: 115.2-50
Lab Code: R2410589-014
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: 115.2-51A
Lab Code: R2410589-015
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-115.2

Service Request: R2410589

Sample Name: 115.2-51B
Lab Code: R2410589-016
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: 115.2-52
Lab Code: R2410589-017
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: 115.2-53
Lab Code: R2410589-018
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: 115.2-54
Lab Code: R2410589-019
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: 115.2-55
Lab Code: R2410589-020
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-115.2

Service Request: R2410589

Sample Name: 115.2-56
Lab Code: R2410589-021
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: 115.2-57
Lab Code: R2410589-022
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: 115.2-58
Lab Code: R2410589-023
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: 115.2-59
Lab Code: R2410589-024
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: 115.2-60
Lab Code: R2410589-025
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-115.2

Service Request: R2410589

Sample Name: 115.2-61
Lab Code: R2410589-026
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: 115.2-62
Lab Code: R2410589-027
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: 115.2-63
Lab Code: R2410589-028
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: 115.2-64
Lab Code: R2410589-029
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: 115.2-65A
Lab Code: R2410589-030
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-115.2

Service Request: R2410589

Sample Name: 115.2-65B
Lab Code: R2410589-031
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: 115.2-66
Lab Code: R2410589-032
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: 115.2-68
Lab Code: R2410589-033
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: 115.2-69
Lab Code: R2410589-034
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: 115.2-70
Lab Code: R2410589-035
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-115.2

Service Request: R2410589

Sample Name: 115.2-71
Lab Code: R2410589-036
Sample Matrix: Drinking Water

Date Collected: 10/8/24
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-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-36
Lab Code: R2410589-001

Service Request: R2410589
Date Collected: 10/08/24 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	1.0	ug/L	1.0	1	10/25/24 14:35	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-37
Lab Code: R2410589-002

Service Request: R2410589
Date Collected: 10/08/24 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	4.5	ug/L	1.0	1	10/25/24 14:37	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-38
Lab Code: R2410589-003

Service Request: R2410589
Date Collected: 10/08/24 00:18
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	1.3	ug/L	1.0	1	10/25/24 14:38	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-39
Lab Code: R2410589-004

Service Request: R2410589
Date Collected: 10/08/24 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	1.4	ug/L	1.0	1	10/25/24 14:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-40
Lab Code: R2410589-005

Service Request: R2410589
Date Collected: 10/08/24 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	1.5	ug/L	1.0	1	10/25/24 14:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-41
Lab Code: R2410589-006

Service Request: R2410589
Date Collected: 10/08/24 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	5.6	ug/L	1.0	1	10/25/24 14:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-43
Lab Code: R2410589-007

Service Request: R2410589
Date Collected: 10/08/24 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	6.0	ug/L	1.0	1	10/29/24 12:21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-44
Lab Code: R2410589-008

Service Request: R2410589
Date Collected: 10/08/24 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	41.5	ug/L	1.0	1	10/29/24 12:23	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-45
Lab Code: R2410589-009

Service Request: R2410589
Date Collected: 10/08/24 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	3.5	ug/L	1.0	1	10/29/24 12:25	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-46
Lab Code: R2410589-010

Service Request: R2410589
Date Collected: 10/08/24 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	3.7	ug/L	1.0	1	10/29/24 12:30	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-47
Lab Code: R2410589-011

Service Request: R2410589
Date Collected: 10/08/24 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	1.1	ug/L	1.0	1	10/25/24 15:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-48
Lab Code: R2410589-012

Service Request: R2410589
Date Collected: 10/08/24 00:38
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	1.2	ug/L	1.0	1	10/25/24 15:47	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-49
Lab Code: R2410589-013

Service Request: R2410589
Date Collected: 10/08/24 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	4.2	ug/L	1.0	1	10/25/24 15:49	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-50
Lab Code: R2410589-014

Service Request: R2410589
Date Collected: 10/08/24 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	4.3	ug/L	1.0	1	10/25/24 15:51	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-51A
Lab Code: R2410589-015

Service Request: R2410589
Date Collected: 10/08/24 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	ND U	ug/L	1.0	1	10/25/24 15:52	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-51B
Lab Code: R2410589-016

Service Request: R2410589
Date Collected: 10/08/24 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	ND U	ug/L	1.0	1	10/25/24 15:54	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-52
Lab Code: R2410589-017

Service Request: R2410589
Date Collected: 10/08/24 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	10/25/24 16:00	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-53
Lab Code: R2410589-018

Service Request: R2410589
Date Collected: 10/08/24 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	4.8	ug/L	1.0	1	10/25/24 16:02	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-54
Lab Code: R2410589-019

Service Request: R2410589
Date Collected: 10/08/24 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	5.5	ug/L	1.0	1	10/25/24 16:04	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-55
Lab Code: R2410589-020

Service Request: R2410589
Date Collected: 10/08/24 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	3.9	ug/L	1.0	1	10/25/24 16:05	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-56
Lab Code: R2410589-021

Service Request: R2410589
Date Collected: 10/08/24 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	11.1	ug/L	1.0	1	10/25/24 16:07	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-57
Lab Code: R2410589-022

Service Request: R2410589
Date Collected: 10/08/24 00:58
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	3.2	ug/L	1.0	1	10/25/24 16:09	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-58
Lab Code: R2410589-023

Service Request: R2410589
Date Collected: 10/08/24 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	3.5	ug/L	1.0	1	10/25/24 16:11	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-59
Lab Code: R2410589-024

Service Request: R2410589
Date Collected: 10/08/24 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	3.4	ug/L	1.0	1	10/25/24 16:13	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-60
Lab Code: R2410589-025

Service Request: R2410589
Date Collected: 10/08/24 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	2.6	ug/L	1.0	1	10/25/24 16:15	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-61
Lab Code: R2410589-026

Service Request: R2410589
Date Collected: 10/08/24 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	8.6	ug/L	1.0	1	10/25/24 16:16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-62
Lab Code: R2410589-027

Service Request: R2410589
Date Collected: 10/08/24 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	3.4	ug/L	1.0	1	10/29/24 12:32	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-63
Lab Code: R2410589-028

Service Request: R2410589
Date Collected: 10/08/24 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	3.0	ug/L	1.0	1	10/29/24 12:34	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-64
Lab Code: R2410589-029

Service Request: R2410589
Date Collected: 10/08/24 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	4.6	ug/L	1.0	1	10/29/24 12:36	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-65A
Lab Code: R2410589-030

Service Request: R2410589
Date Collected: 10/08/24 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	10/29/24 13:03	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-65B
Lab Code: R2410589-031

Service Request: R2410589
Date Collected: 10/08/24 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	ND U	ug/L	1.0	1	10/28/24 15:29	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-66
Lab Code: R2410589-032

Service Request: R2410589
Date Collected: 10/08/24 01:18
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	10/28/24 15:35	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-68
Lab Code: R2410589-033

Service Request: R2410589
Date Collected: 10/08/24 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	3.7	ug/L	1.0	1	10/28/24 15:36	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-69
Lab Code: R2410589-034

Service Request: R2410589
Date Collected: 10/08/24 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	15.6	ug/L	1.0	1	10/28/24 15:38	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-70
Lab Code: R2410589-035

Service Request: R2410589
Date Collected: 10/08/24 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	3.4	ug/L	1.0	1	10/28/24 15:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-71
Lab Code: R2410589-036

Service Request: R2410589
Date Collected: 10/08/24 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	2.2	ug/L	1.0	1	10/28/24 15:42	



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

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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-115.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410589-MB1

Service Request: R2410589
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	10/25/24 14:05	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410589-MB2

Service Request: R2410589
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	10/25/24 15:38	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410589-MB3

Service Request: R2410589
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	10/28/24 15:25	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410589-MB4

Service Request: R2410589
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	10/29/24 11:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410589-MB5

Service Request: R2410589
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	10/29/24 12:59	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410589
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/25/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.2-47
Lab Code: R2410589-011
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result		Matrix Spike		Result	Duplicate Matrix Spike		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	1.1	22.5	20.0	107	23.2	20.0	110	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-115.2
Sample Matrix: Drinking Water

Service Request: R2410589
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/29/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.2-64
Lab Code: R2410589-029
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result		Matrix Spike		Result	Duplicate Matrix Spike		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	4.6	26.8	20.0	111	25.9	20.0	106	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-115.2
Sample Matrix: Drinking Water

Service Request: R2410589
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/29/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.2-65A
Lab Code: R2410589-030
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2410589-030MS		Result	Duplicate Matrix Spike R2410589-030DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	22.1	20.0	110	21.5	20.0	107	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-115.2
Sample Matrix: Drinking Water

Service Request: R2410589
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/28/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.2-65B
Lab Code: R2410589-031
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2410589-031MS		Result	Duplicate Matrix Spike R2410589-031DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	18.7	20.0	93	20.0	20.0	100	70-130	7	20

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

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

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

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

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410589
Date Analyzed: 10/25/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410589-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	18.7	20.0	94	85-115

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410589
Date Analyzed: 10/25/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410589-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	22.4	20.0	112	85-115

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410589
Date Analyzed: 10/28/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410589-LCS3

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	21.9	20.0	110	85-115

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410589
Date Analyzed: 10/29/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410589-LCS4

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	21.3	20.0	107	85-115

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410589
Date Analyzed: 10/29/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410589-LCS5

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	21.1	20.0	105	85-115



October 30, 2024

Service Request No:R2410590

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 **R2410590**.

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: R2410590
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:

Nineteen 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 10/30/2024



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: 115.2-72		Lab ID: R2410590-001				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.2			1.0	ug/L	200.8
CLIENT ID: 115.2-73		Lab ID: R2410590-002				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.2			1.0	ug/L	200.8
CLIENT ID: 115.2-74		Lab ID: R2410590-003				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.2			1.0	ug/L	200.8
CLIENT ID: 115.2-75		Lab ID: R2410590-004				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.2			1.0	ug/L	200.8
CLIENT ID: 115.2-76		Lab ID: R2410590-005				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	6.9			1.0	ug/L	200.8
CLIENT ID: 115.2-77		Lab ID: R2410590-006				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.2			1.0	ug/L	200.8
CLIENT ID: 115.2-78		Lab ID: R2410590-007				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	18.7			1.0	ug/L	200.8
CLIENT ID: 115.2-79		Lab ID: R2410590-008				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	6.3			1.0	ug/L	200.8
CLIENT ID: 115.2-80		Lab ID: R2410590-009				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.4			1.0	ug/L	200.8
CLIENT ID: 115.2-81		Lab ID: R2410590-010				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	1.7			1.0	ug/L	200.8
CLIENT ID: 115.2-82		Lab ID: R2410590-011				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	4.6			1.0	ug/L	200.8
CLIENT ID: 115.2-86		Lab ID: R2410590-015				
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.2			1.0	ug/L	200.8



SAMPLE DETECTION SUMMARY

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

CLIENT ID: 115.2-87			Lab ID: R2410590-016			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.4			1.0	ug/L	200.8

CLIENT ID: 115.2-88			Lab ID: R2410590-017			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.8			1.0	ug/L	200.8

CLIENT ID: 115.2-89			Lab ID: R2410590-018			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.5			1.0	ug/L	200.8

CLIENT ID: 115.2-90			Lab ID: R2410590-019			
Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	5.1			1.0	ug/L	200.8



Sample Receipt Information

ALS Environmental—Rochester Laboratory

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

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

www.alsglobal.com

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2

Service Request:R2410590

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2410590-001	115.2-72	10/8/2024	0130
R2410590-002	115.2-73	10/8/2024	0132
R2410590-003	115.2-74	10/8/2024	0134
R2410590-004	115.2-75	10/8/2024	0136
R2410590-005	115.2-76	10/8/2024	0138
R2410590-006	115.2-77	10/8/2024	0140
R2410590-007	115.2-78	10/8/2024	0142
R2410590-008	115.2-79	10/8/2024	0144
R2410590-009	115.2-80	10/8/2024	0146
R2410590-010	115.2-81	10/8/2024	0148
R2410590-011	115.2-82	10/8/2024	0150
R2410590-012	115.2-83A	10/8/2024	0152
R2410590-013	115.2-83B	10/8/2024	0154
R2410590-014	115.2-84	10/8/2024	0156
R2410590-015	115.2-86	10/8/2024	0200
R2410590-016	115.2-87	10/8/2024	0202
R2410590-017	115.2-88	10/8/2024	0204
R2410590-018	115.2-89	10/8/2024	0206
R2410590-019	115.2-90	10/8/2024	0208



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-115.2

Client: Allegany Limestone CSD

Contact: Michael Bushnell

Building: Elementary School

Location: 120 Maple Ave Allegany, NY 14706

LEAD

Water by 200.8

X

Turnaround

10 Days

Sample #	Location	Outlet Type	Time
115.2-72	Room 197	Sink	1:30
115.2-73	Room 195	Sink	1:32
115.2-74	Room 193	Sink	1:34
115.2-75	Room 191	Sink	1:36
115.2-76	Room 189	Sink	1:38
115.2-77	Room 187	Sink	1:40
115.2-78	Room 185	Sink	1:42
115.2-79	Boys Lav Maple Avenue Left	Sink	1:44
115.2-80	Boys Lav Maple Avenue Center	Sink	1:46
115.2-81	Boys Lav Maple Avenue right	Sink	1:48
115.2-82	Single Lav Maple Avenue	Sink	1:50
115.2-83A	Fountain Maple Avenue Left	Drinking Fountain	1:52
115.2-83B	Fountain Maple Avenue Left	Bottle Fill	1:54
115.2-84	Fountain Maple Avenue Right	Drinking Fountain	1:56
115.2-86	Girls Lav Maple Avenue Left	Sink	2:00
115.2-87	Girls Lav Maple Avenue Center	Sink	2:02
115.2-88	Girls Lav Maple Avenue Right	Sink	2:04
115.2-89	Room 183	Sink	2:06

Notes:

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

Rfranjaine@stohlenvironmental.com

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

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

Received (Name / Lab): Andy K 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: _____

R2410590

5

Stohl Environmental
Allegany Limestone CSD



7



Cooler Receipt and Preservation

R2410590

5

Stohl 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 ☒
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)	<u>12.2</u>						
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: 12134 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
≥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 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: 042423-2AD

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

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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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-115.2

Service Request: R2410590

Sample Name: 115.2-72
Lab Code: R2410590-001
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: 115.2-73
Lab Code: R2410590-002
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: 115.2-74
Lab Code: R2410590-003
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: 115.2-75
Lab Code: R2410590-004
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: 115.2-76
Lab Code: R2410590-005
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-115.2

Service Request: R2410590

Sample Name: 115.2-77
Lab Code: R2410590-006
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: 115.2-78
Lab Code: R2410590-007
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: 115.2-79
Lab Code: R2410590-008
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: 115.2-80
Lab Code: R2410590-009
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: 115.2-81
Lab Code: R2410590-010
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-115.2

Service Request: R2410590

Sample Name: 115.2-82
Lab Code: R2410590-011
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: 115.2-83A
Lab Code: R2410590-012
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: 115.2-83B
Lab Code: R2410590-013
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: 115.2-84
Lab Code: R2410590-014
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: 115.2-86
Lab Code: R2410590-015
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-115.2

Service Request: R2410590

Sample Name: 115.2-87
Lab Code: R2410590-016
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: 115.2-88
Lab Code: R2410590-017
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: 115.2-89
Lab Code: R2410590-018
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: 115.2-90
Lab Code: R2410590-019
Sample Matrix: Drinking Water

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

Analysis Method
200.8

Extracted/Digested By

Analyzed By
NMANSEN



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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www.alsglobal.com



Metals

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www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-72
Lab Code: R2410590-001

Service Request: R2410590
Date Collected: 10/08/24 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	2.2	ug/L	1.0	1	10/28/24 15:48	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-73
Lab Code: R2410590-002

Service Request: R2410590
Date Collected: 10/08/24 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	4.2	ug/L	1.0	1	10/28/24 15:50	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-74
Lab Code: R2410590-003

Service Request: R2410590
Date Collected: 10/08/24 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	4.2	ug/L	1.0	1	10/28/24 15:51	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-75
Lab Code: R2410590-004

Service Request: R2410590
Date Collected: 10/08/24 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	2.2	ug/L	1.0	1	10/28/24 15:53	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-76
Lab Code: R2410590-005

Service Request: R2410590
Date Collected: 10/08/24 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	6.9	ug/L	1.0	1	10/28/24 15:55	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-77
Lab Code: R2410590-006

Service Request: R2410590
Date Collected: 10/08/24 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	4.2	ug/L	1.0	1	10/28/24 15:57	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-78
Lab Code: R2410590-007

Service Request: R2410590
Date Collected: 10/08/24 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	18.7	ug/L	1.0	1	10/28/24 15:59	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-79
Lab Code: R2410590-008

Service Request: R2410590
Date Collected: 10/08/24 01:44
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	6.3	ug/L	1.0	1	10/28/24 16:01	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-80
Lab Code: R2410590-009

Service Request: R2410590
Date Collected: 10/08/24 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	2.4	ug/L	1.0	1	10/28/24 16:02	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-81
Lab Code: R2410590-010

Service Request: R2410590
Date Collected: 10/08/24 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	1.7	ug/L	1.0	1	10/28/24 16:04	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-82
Lab Code: R2410590-011

Service Request: R2410590
Date Collected: 10/08/24 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	4.6	ug/L	1.0	1	10/28/24 16:10	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-83A
Lab Code: R2410590-012

Service Request: R2410590
Date Collected: 10/08/24 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	ND U	ug/L	1.0	1	10/28/24 16:12	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-83B
Lab Code: R2410590-013

Service Request: R2410590
Date Collected: 10/08/24 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	ND U	ug/L	1.0	1	10/28/24 16:14	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-84
Lab Code: R2410590-014

Service Request: R2410590
Date Collected: 10/08/24 01:56
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	10/28/24 16:16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-86
Lab Code: R2410590-015

Service Request: R2410590
Date Collected: 10/08/24 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	2.2	ug/L	1.0	1	10/28/24 16:31	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-87
Lab Code: R2410590-016

Service Request: R2410590
Date Collected: 10/08/24 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	2.4	ug/L	1.0	1	10/28/24 16:36	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-88
Lab Code: R2410590-017

Service Request: R2410590
Date Collected: 10/08/24 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	2.8	ug/L	1.0	1	10/28/24 16:38	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-89
Lab Code: R2410590-018

Service Request: R2410590
Date Collected: 10/08/24 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	2.5	ug/L	1.0	1	10/28/24 16:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: 115.2-90
Lab Code: R2410590-019

Service Request: R2410590
Date Collected: 10/08/24 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	5.1	ug/L	1.0	1	10/28/24 16:42	



QC Summary Forms

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410590-MB1

Service Request: R2410590
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	10/28/24 15:25	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R2410590-MB2

Service Request: R2410590
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	10/28/24 16:27	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410590
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/28/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.2-84
Lab Code: R2410590-014
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Result	Matrix Spike R2410590-014MS		Result	Duplicate Matrix Spike R2410590-014DMS		% Rec Limits	RPD	RPD Limit
			Spike Amount	% Rec		Spike Amount	% Rec			
Lead, Total	ND U	22.0	20.0	110	18.9	20.0	95	70-130	15	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-115.2
Sample Matrix: Drinking Water

Service Request: R2410590
Date Collected: 10/08/24
Date Received: 10/16/24
Date Analyzed: 10/28/24

Duplicate Matrix Spike Summary
Inorganic Parameters

Sample Name: 115.2-86
Lab Code: R2410590-015
Analysis Method: 200.8

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Matrix Spike R2410590-015MS			Duplicate Matrix Spike R2410590-015DMS			% Rec Limits	RPD	RPD Limit
		Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Lead, Total	2.2	23.3	20.0	106	23.0	20.0	104	70-130	1	20

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

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

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

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

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410590
Date Analyzed: 10/28/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410590-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	21.9	20.0	110	85-115

Client: Stohl Environmental
Project: Allegany Limestone CSD/2023L-115.2
Sample Matrix: Drinking Water

Service Request: R2410590
Date Analyzed: 10/28/24

Lab Control Sample Summary
Inorganic Parameters

Units:ug/L
Basis:NA

Lab Control Sample
R2410590-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead, Total	200.8	20.9	20.0	105	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

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