

April 23, 2025

Mr. Bill Bosinski  
Orchard Park CSD  
2240 Southwestern Boulevard  
West Seneca, New York 14224

**Re: Follow Up Lead Testing in School Drinking Water**

Dear Mr. Bosinski:

Included with this letter is Stohl Environmental LLC's report for the Lead in Drinking Water Resampling performed for Orchard Park Central School District including:

- Ellicott Elementary – 5180 Ellicott Road, Orchard Park, New York

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

Recap of Initial Sampling and Analysis: In Compliance with NYS regulations, initial first draw water sampling was completed on February 8, 2025 and a total of 24 samples were identified as containing lead concentrations above the NYS Action Level of 5 ppb.

Mitigation by District and Follow-up Sampling by Stohl Environmental LLC:

- Following the receipt of initial sampling results on March 5, 2025, in accordance with guidance received from NYS, the District is reported to have prohibited use of the outlets analyzed as above the NYS Action Level of 5 ppb "(1) a lead remediation plan is implemented... and (2) test results indicate that the lead levels are at or below the action level".
- Subsequent to reported mitigation by the District, Stohl Environmental LLC was requested to perform follow-up sampling and laboratory analysis on 10 of the 24 outlets identified as containing lead concentrations above the NYS action level.
- Follow-up sampling was performed by Stohl Environmental LLC in accordance with the requirements and protocols outlined in NYS regulations, as well as USEPA Technical Guidance Document "3-T's for Reducing Lead in Drinking Water in Schools".

- Results of Follow-up Sampling: As detailed in Section 1.2 (*Executive Summary*) of the accompanying report, based upon the follow-up sampling and analysis performed, the following is reported:
  - Of the 10 outlets sampled during the post mitigation follow up on April 5, 2025:
    - 7 outlets were analyzed by a certified and independent laboratory as at or below the action level; thus cleared for use.
    - 3 outlets was analyzed by a certified and independent laboratory as above the action level; thus needing further action.

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

Sincerely,  
Stohl Environmental, LLC.



Michael Scinta  
EPA Lead Risk Assessor

# Lead Testing in School Drinking Water

Prepared for:

Orchard Park CSD

Prepared by:



3860 California Road  
Orchard Park, New York 14127

Conditions as of April 5, 2025

## 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 Orchard Park CSD to perform sampling and analysis of potable water for lead concentrations. Sampling was performed in the following building:

- Ellicott Elementary – 5180 Ellicott Road, Orchard Park, New York

### Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from outlets within Ellicott Elementary. 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 Main Building:

Building Name	Date of Sampling	Total Samples	At or Below Action Level*	Above Action Level*
Ellicott Elementary	February 8, 2025	83	59	24
	April 5, 2025	10	7	3

\*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)	
			2/8/2025	4/5/2025
103.3-03	Kitchen Triple Right	Sink	5.6	3.6 – Cleared
103.3-09	A5 Fountain	Drinking Fountain	34.8	-
103.3-16	A Wing Fountain	Drinking Fountain	7.9	-
103.3-23	B12 Main	Sink	7.5	2.4 – Cleared
103.3-33	M03 Main	Sink	7.2	2.0 – Cleared
103.3-35	M08 Nurse Back	Sink	5.9	< 1.0 – Cleared
103.3-43	C Wing Bubbler	Drinking Fountain	9.2	-
103.3-45	C16	Sink	23.0	2.5 – Cleared
103.3-46	C15	Sink	96.8	< 1 – Cleared
103.3-49	C9	Sink	6.4	<1 – Cleared
103.3-52	M17g	Drinking Fountain	21.8	-
103.3-56	M21 Fountain	Drinking Fountain	28.9	-
103.3-58	M23 Fountain	Drinking Fountain	53.3	-
103.3-61	M31 Fountain	Drinking Fountain	35.0	-
103.3-66	D10 Fountain	Drinking Fountain	53.6	-
103.3-67	D12	Sink	8.5	8.5
103.3-68	D12 Fountain	Drinking Fountain	47.8	-
103.3-70	D13 Fountain	Drinking Fountain	41.2	-
103.3-71	D11	Sink	5.7	6.0
103.3-72	D11 Fountain	Drinking Fountain	38.6	-
103.3-73	D9	Sink	14.1	9.9
103.3-74	D9 Fountain	Drinking Fountain	52.6	-
103.3-76	D7 Fountain	Drinking Fountain	45.5	-
103.3-77	Instrumental Music Storage	Drinking Fountain	7.1	-

### 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



April 22, 2025

Service Request No:R2503856

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

**Laboratory Results for: Orchard Park CSD Ellicott Elementary**

Dear Michael,

Enclosed are the results of the sample(s) submitted to our laboratory April 09, 2025  
For your reference, these analyses have been assigned our service request number **R2503856**.

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](mailto:Meghan.Pedro@alsglobal.com).

Respectfully submitted,

**ALS Group USA, Corp. dba ALS Environmental**

Meghan Pedro  
Project Manager

CC: Rebecca  
Franjoine



# 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](http://www.alsglobal.com)



**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Windom Elementary  
**Sample Matrix:** Drinking Water

**Service Request:** R2503856  
**Date Received:** 04/09/2025

**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:**

Ten drinking water samples were received for analysis at ALS Environmental on 04/09/2025. 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.

A handwritten signature in black ink that reads "Meghan Pedro".

Approved by \_\_\_\_\_

Date 04/16/2025



### 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.

<b>CLIENT ID: 103.3-03</b>	<b>Lab ID: R2503856-001</b>					
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	3.6			1.0	ug/L	200.8

<b>CLIENT ID: 103.3-23</b>	<b>Lab ID: R2503856-002</b>					
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.4			1.0	ug/L	200.8

<b>CLIENT ID: 103.3-33</b>	<b>Lab ID: R2503856-003</b>					
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.0			1.0	ug/L	200.8

<b>CLIENT ID: 103.3-45</b>	<b>Lab ID: R2503856-005</b>					
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	2.5			1.0	ug/L	200.8

<b>CLIENT ID: 103.3-67</b>	<b>Lab ID: R2503856-008</b>					
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	8.5			1.0	ug/L	200.8

<b>CLIENT ID: 103.3-71</b>	<b>Lab ID: R2503856-009</b>					
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	6.0			1.0	ug/L	200.8

<b>CLIENT ID: 103.3-73</b>	<b>Lab ID: R2503856-010</b>					
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Analyte	Results	Flag	MDL	MRL	Units	Method
Lead, Total	9.9			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](http://www.alsglobal.com)

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3

**Service Request:**R2503856

**SAMPLE CROSS-REFERENCE**

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2503856-001	103.3-03	4/5/2025	0630
R2503856-002	103.3-23	4/5/2025	0632
R2503856-003	103.3-33	4/5/2025	0634
R2503856-004	103.3-35	4/5/2025	0636
R2503856-005	103.3-45	4/5/2025	0638
R2503856-006	103.3-46	4/5/2025	0640
R2503856-007	103.3-49	4/5/2025	0642
R2503856-008	103.3-67	4/5/2025	0644
R2503856-009	103.3-71	4/5/2025	0646
R2503856-010	103.3-73	4/5/2025	0648



# Chain of Custody Document

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

Submitted to: (Lab Name) ALS

STOHL Job # 2023L-103.3

Client: Orchard Park CSD

Contact: Bill Bosinski

Building: Ellicott Elementary

Location: 5180 Ellicott Rd, Orchard Park, NY 14127

**LEAD**

Water by 200.8 X

*Turnaround*

10 Days

Sample #	Location	Outlet Type	Time
103.3-03	triple right	Sink	6:30
103.3-23	B12 Main	Sink	6:32
103.3-33	M03 Main	Sink	6:34
103.3-35	M08 Nurse Back	Sink	6:36
103.3-45	C16	Sink	6:38
103.3-46	C15	Sink	6:40
103.3-49	C9	Sink	6:42
103.3-67	D12	Sink	6:44
103.3-71	D11	Sink	6:46
103.3-73	D9	Sink	6:48

Notes:  
 Please e-mail lab results to [labs@stohlenv.com](mailto:labs@stohlenv.com)  If checked, also e-mail results to: [Rfrancoine@stohlenvironmental.com](mailto:Rfrancoine@stohlenvironmental.com)

Sampled By: Rebecca Franjoine Print Name Stohl Env: Rebecca Franjoine Date: 4/5/2025

Relinquished By: Rebecca Franjoine Print Name Stohl Env: Rebecca Franjoine Date: 4/9/2025

Received (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Sample Login (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Analysis (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

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

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



# 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-103.3

5

Client: Orchard Park CSD

Contact: Bill Bosinski

Building: Windom Elementary

Location: 5180 Ellicott Rd, Orchard Park, NY 14127

**LEAD**

Water by 200.8

X

Turnaround

10 Days

R2503856

Stohl Environmental  
Orchard Park CSD Windom Elementary



Sample #	Location	Outlet Type	Time
103.3-03	triple right	Sink	6:30
103.3-23	B12 Main	Sink	6:32
103.3-33	M03 Main	Sink	6:34
103.3-35	M08 Nurse Back	Sink	6:36
103.3-45	C16	Sink	6:38
103.3-46	C15	Sink	6:40
103.3-49	C9	Sink	6:42
103.3-67	D12	Sink	6:44
103.3-71	D11	Sink	6:46
103.3-73	D9	Sink	6:48

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

Sampled By: Rebecca Franjoine Print Name Stohl Env: Rebecca Franjoine Date: 4/5/2025  
 Relinquished By: Rebecca Franjoine Print Name Stohl Env: Rebecca Franjoine Date: 4/9/2025  
 Received (Name / Lab): [Signature] Date: 4/9/25 Time: 1730  
 Sample Login (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Analysis (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 QA/QC Review (Name / Lab): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Archived / Released: \_\_\_\_\_ QA/QC InterLAB Use: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



# Cooler Receipt and Preservation Check Form

R2503856

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Stohl Environmental  
Orchard Park CSD Windom Elementary



Project/Client STOHL Folder Number \_\_\_\_\_

Cooler received on 4/9/20 by: RDA COURIER: ALS UPS FEDEX VELOCITY CLIENT

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

8. Temperature Readings Date: 4/9/20 Time: 1754 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	<u>20.1</u>						
Within 0-6°C?	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
If <0°C, were samples frozen?	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>

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: Room by RDA on 4/9/20 at 1801  
5035 samples placed in storage location: \_\_\_\_\_ by \_\_\_\_\_ on \_\_\_\_\_ at \_\_\_\_\_ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check\*\*: Date: 4/11/25 Time: 11:37 by: MM

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

pH	Lot of test paper	Reagent	Preserved?		Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
			Yes	No						
≥12		NaOH								
≤2	<u>204524</u>	HNO <sub>3</sub>		<input checked="" type="checkbox"/>	<u>N/A</u>		<u>All</u>	<u>4mL</u>	<u>239258</u>	<u>5.2</u>
≤2		H <sub>2</sub> SO <sub>4</sub>								
<4		NaHSO <sub>4</sub>								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (625, 608, CN), ascorbic (phenol).					
		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>								
		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: 11824-2400  
Explain all Discrepancies/ Other Comments:

\* metal sample does not require ice

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

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



## Miscellaneous Forms

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



## REPORT QUALIFIERS AND DEFINITIONS

- U Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
- J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).
- B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
- E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
- E Organics- Concentration has exceeded the calibration range for that specific analysis.
- D Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
- \* Indicates that a quality control parameter has exceeded laboratory limits. Under the “Notes” column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
- H Analysis was performed out of hold time for tests that have an “immediate” hold time criteria.
- # Spike was diluted out.
- + Correlation coefficient for MSA is <0.995.
- N Inorganics- Matrix spike recovery was outside laboratory limits.
- N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
- S Concentration has been determined using Method of Standard Additions (MSA).
- W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
- P Concentration >40% difference between the two GC columns.
- C Confirmed by GC/MS
- Q DoD reports: indicates a pesticide/Aroclor is not confirmed ( $\geq 100\%$  Difference between two GC columns).
- 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 Accreditations<sup>1</sup>



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

<sup>1</sup> 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

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## 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:** Orchard Park CSD Ellicott Elementary/2023L-103.3

**Service Request:** R2503856

**Sample Name:** 103.3-03  
**Lab Code:** R2503856-001  
**Sample Matrix:** Drinking Water

**Date Collected:** 04/5/25  
**Date Received:** 04/9/25

**Analysis Method**  
200.8

**Extracted/Digested By**

**Analyzed By**  
MKASTAN

**Sample Name:** 103.3-23  
**Lab Code:** R2503856-002  
**Sample Matrix:** Drinking Water

**Date Collected:** 04/5/25  
**Date Received:** 04/9/25

**Analysis Method**  
200.8

**Extracted/Digested By**

**Analyzed By**  
MKASTAN

**Sample Name:** 103.3-33  
**Lab Code:** R2503856-003  
**Sample Matrix:** Drinking Water

**Date Collected:** 04/5/25  
**Date Received:** 04/9/25

**Analysis Method**  
200.8

**Extracted/Digested By**

**Analyzed By**  
MKASTAN

**Sample Name:** 103.3-35  
**Lab Code:** R2503856-004  
**Sample Matrix:** Drinking Water

**Date Collected:** 04/5/25  
**Date Received:** 04/9/25

**Analysis Method**  
200.8

**Extracted/Digested By**

**Analyzed By**  
MKASTAN

**Sample Name:** 103.3-45  
**Lab Code:** R2503856-005  
**Sample Matrix:** Drinking Water

**Date Collected:** 04/5/25  
**Date Received:** 04/9/25

**Analysis Method**  
200.8

**Extracted/Digested By**

**Analyzed By**  
MKASTAN

ALS Group USA, Corp.  
dba ALS Environmental

Analyst Summary report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3

**Service Request:** R2503856

**Sample Name:** 103.3-46  
**Lab Code:** R2503856-006  
**Sample Matrix:** Drinking Water

**Date Collected:** 04/5/25  
**Date Received:** 04/9/25

**Analysis Method**  
200.8

**Extracted/Digested By**

**Analyzed By**  
MKASTAN

**Sample Name:** 103.3-49  
**Lab Code:** R2503856-007  
**Sample Matrix:** Drinking Water

**Date Collected:** 04/5/25  
**Date Received:** 04/9/25

**Analysis Method**  
200.8

**Extracted/Digested By**

**Analyzed By**  
MKASTAN

**Sample Name:** 103.3-67  
**Lab Code:** R2503856-008  
**Sample Matrix:** Drinking Water

**Date Collected:** 04/5/25  
**Date Received:** 04/9/25

**Analysis Method**  
200.8

**Extracted/Digested By**

**Analyzed By**  
MKASTAN

**Sample Name:** 103.3-71  
**Lab Code:** R2503856-009  
**Sample Matrix:** Drinking Water

**Date Collected:** 04/5/25  
**Date Received:** 04/9/25

**Analysis Method**  
200.8

**Extracted/Digested By**

**Analyzed By**  
MKASTAN

**Sample Name:** 103.3-73  
**Lab Code:** R2503856-010  
**Sample Matrix:** Drinking Water

**Date Collected:** 04/5/25  
**Date Received:** 04/9/25

**Analysis Method**  
200.8

**Extracted/Digested By**

**Analyzed By**  
MKASTAN



## PREPARATION METHODS

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

### INORGANIC

#### Water/Liquid Matrix

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

#### Solid/Soil/Non-Aqueous Matrix

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

### ORGANIC

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

#### Regarding "Bulk/5035A":

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



# Sample Results

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



# Metals

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dba ALS Environmental

Analytical Report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3  
**Sample Matrix:** Drinking Water  
**Sample Name:** 103.3-03  
**Lab Code:** R2503856-001

**Service Request:** R2503856  
**Date Collected:** 04/05/25 06:30  
**Date Received:** 04/09/25 17:30  
**Basis:** NA

**Inorganic Parameters**

<b>Analyte Name</b>	<b>Analysis Method</b>	<b>Result</b>	<b>Units</b>	<b>MRL</b>	<b>Dil.</b>	<b>Date Analyzed</b>	<b>Q</b>
Lead, Total	200.8	3.6	ug/L	1.0	1	04/15/25 18:18	

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dba ALS Environmental

Analytical Report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3  
**Sample Matrix:** Drinking Water  
**Sample Name:** 103.3-23  
**Lab Code:** R2503856-002

**Service Request:** R2503856  
**Date Collected:** 04/05/25 06:32  
**Date Received:** 04/09/25 17:30  
**Basis:** NA

**Inorganic Parameters**

<b>Analyte Name</b>	<b>Analysis Method</b>	<b>Result</b>	<b>Units</b>	<b>MRL</b>	<b>Dil.</b>	<b>Date Analyzed</b>	<b>Q</b>
Lead, Total	200.8	2.4	ug/L	1.0	1	04/15/25 18:19	

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dba ALS Environmental

Analytical Report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3  
**Sample Matrix:** Drinking Water  
**Sample Name:** 103.3-33  
**Lab Code:** R2503856-003

**Service Request:** R2503856  
**Date Collected:** 04/05/25 06:34  
**Date Received:** 04/09/25 17:30  
**Basis:** NA

**Inorganic Parameters**

<b>Analyte Name</b>	<b>Analysis Method</b>	<b>Result</b>	<b>Units</b>	<b>MRL</b>	<b>Dil.</b>	<b>Date Analyzed</b>	<b>Q</b>
Lead, Total	200.8	<b>2.0</b>	ug/L	1.0	1	04/15/25 18:21	

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Analytical Report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3  
**Sample Matrix:** Drinking Water  
**Sample Name:** 103.3-35  
**Lab Code:** R2503856-004

**Service Request:** R2503856  
**Date Collected:** 04/05/25 06:36  
**Date Received:** 04/09/25 17:30  
**Basis:** NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.0 U	ug/L	1.0	1	04/15/25 18:22	

**ALS Group USA, Corp.**  
dba ALS Environmental

Analytical Report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3  
**Sample Matrix:** Drinking Water  
**Sample Name:** 103.3-45  
**Lab Code:** R2503856-005

**Service Request:** R2503856  
**Date Collected:** 04/05/25 06:38  
**Date Received:** 04/09/25 17:30  
**Basis:** NA

**Inorganic Parameters**

<b>Analyte Name</b>	<b>Analysis Method</b>	<b>Result</b>	<b>Units</b>	<b>MRL</b>	<b>Dil.</b>	<b>Date Analyzed</b>	<b>Q</b>
Lead, Total	200.8	2.5	ug/L	1.0	1	04/15/25 18:27	

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dba ALS Environmental

Analytical Report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3  
**Sample Matrix:** Drinking Water  
**Sample Name:** 103.3-46  
**Lab Code:** R2503856-006

**Service Request:** R2503856  
**Date Collected:** 04/05/25 06:40  
**Date Received:** 04/09/25 17:30  
**Basis:** NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	1.0 U	ug/L	1.0	1	04/15/25 18:28	

ALS Group USA, Corp.  
dba ALS Environmental

Analytical Report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3  
**Sample Matrix:** Drinking Water  
**Sample Name:** 103.3-49  
**Lab Code:** R2503856-007

**Service Request:** R2503856  
**Date Collected:** 04/05/25 06:42  
**Date Received:** 04/09/25 17:30

**Basis:** NA

Inorganic Parameters

<b>Analyte Name</b>	<b>Analysis Method</b>	<b>Result</b>	<b>Units</b>	<b>MRL</b>	<b>Dil.</b>	<b>Date Analyzed</b>	<b>Q</b>
Lead, Total	200.8	1.0 U	ug/L	1.0	1	04/15/25 18:30	

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dba ALS Environmental

Analytical Report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3  
**Sample Matrix:** Drinking Water  
**Sample Name:** 103.3-67  
**Lab Code:** R2503856-008

**Service Request:** R2503856  
**Date Collected:** 04/05/25 06:44  
**Date Received:** 04/09/25 17:30  
**Basis:** NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	8.5	ug/L	1.0	1	04/15/25 18:32	

**ALS Group USA, Corp.**  
dba ALS Environmental

Analytical Report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3  
**Sample Matrix:** Drinking Water  
**Sample Name:** 103.3-71  
**Lab Code:** R2503856-009

**Service Request:** R2503856  
**Date Collected:** 04/05/25 06:46  
**Date Received:** 04/09/25 17:30  
**Basis:** NA

**Inorganic Parameters**

<b>Analyte Name</b>	<b>Analysis Method</b>	<b>Result</b>	<b>Units</b>	<b>MRL</b>	<b>Dil.</b>	<b>Date Analyzed</b>	<b>Q</b>
Lead, Total	200.8	<b>6.0</b>	ug/L	1.0	1	04/15/25 18:33	

**ALS Group USA, Corp.**  
dba ALS Environmental

Analytical Report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3  
**Sample Matrix:** Drinking Water  
**Sample Name:** 103.3-73  
**Lab Code:** R2503856-010

**Service Request:** R2503856  
**Date Collected:** 04/05/25 06:48  
**Date Received:** 04/09/25 17:30

**Basis:** NA

**Inorganic Parameters**

<b>Analyte Name</b>	<b>Analysis Method</b>	<b>Result</b>	<b>Units</b>	<b>MRL</b>	<b>Dil.</b>	<b>Date Analyzed</b>	<b>Q</b>
Lead, Total	200.8	<b>9.9</b>	ug/L	1.0	1	04/15/25 18:35	



# QC Summary Forms

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# Metals

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[www.alsglobal.com](http://www.alsglobal.com)

**ALS Group USA, Corp.**  
dba ALS Environmental

Analytical Report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3  
**Sample Matrix:** Drinking Water  
**Sample Name:** Method Blank  
**Lab Code:** R2503856-MB

**Service Request:** R2503856  
**Date Collected:** NA  
**Date Received:** NA  
**Basis:** NA

**Inorganic Parameters**

<b>Analyte Name</b>	<b>Analysis Method</b>	<b>Result</b>	<b>Units</b>	<b>MRL</b>	<b>Dil.</b>	<b>Date Analyzed</b>	<b>Q</b>
Lead, Total	200.8	1.0 U	ug/L	1.0	1	04/15/25 18:09	

ALS Group USA, Corp.  
dba ALS Environmental

QA/QC Report

**Client:** Stohl Environmental  
**Project:** Orchard Park CSD Ellicott Elementary/2023L-103.3  
**Sample Matrix:** Drinking Water

**Service Request:** R2503856  
**Date Analyzed:** 04/15/25

**Lab Control Sample Summary**  
**Inorganic Parameters**


**Units:**ug/L  
**Basis:**NA

**Lab Control Sample**  
R2503856-LCS

<b>Analyte Name</b>	<b>Analytical Method</b>	<b>Result</b>	<b>Spike Amount</b>	<b>% Rec</b>	<b>% Rec Limits</b>
Lead, Total	200.8	20.4	20.0	102	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:*

<b>Bacteriology</b>	
Coliform, Total / E. coli (Qualitative)	SM 20, 21-23 9223B (-04) (Colilert)
<b>Disinfection By-products</b>	
Bromide	EPA 300.0 Rev. 2.1
<b>Dissolved Gases</b>	
Acetylene	RSK-175
Ethane	RSK-175
Ethene (Ethylene)	RSK-175
Methane	RSK-175
Propane	RSK-175
<b>Fuel Additives</b>	
Methyl tert-butyl ether	EPA 524.2
Naphthalene	EPA 524.2
<b>Metals I</b>	
Arsenic, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.8 Rev. 5.4
Cadmium, Total	EPA 200.8 Rev. 5.4
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Copper, Total	EPA 200.8 Rev. 5.4
Iron, Total	EPA 200.7 Rev. 4.4
Lead, Total	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Mercury, Total	EPA 245.1 Rev. 3.0
Selenium, Total	EPA 200.8 Rev. 5.4
Silver, Total	EPA 200.7 Rev. 4.4

Serial No.: 68402

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at <https://apps.health.ny.gov/pubdotn/applinks/wc/elapublicweb/>, by phone (518) 485-5570 or by email to [etap@health.ny.gov](mailto:etap@health.ny.gov).



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