



Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057
Phone: 315-445-1105 Fax: 315-445-1301

TO: TST BOCES/Ithaca City School District
Mark Alo

FROM: Life Science Laboratories, Inc.
Quality Assurance Department

RE: Revision of Report and/or Invoice
2105186

DATE: May 4, 2021

The attached report and/or invoice was revised. The reason for the change and instructions on how it was revised is as follows:

This client needs their specific Sample IDs listed on the report rather than the Omega Sample IDs. A new report needs to be generated with these changes.

If you have any questions regarding this change, please don't hesitate to contact us at 315-445-1105.



Life Science Laboratories, Inc.

Paul Alexander
Ithaca City School District
602 Hancock St.
Ithaca, NY 14850 USA

Phone: (607) 274-2142

Authorization: FN-00605

Revised Laboratory Analysis Report

Prepared for

Ithaca City School District

Client Project ID:

Caroline Elementary School - Lead Study

LSL Project ID: **2105186**

Receive Date/Time: 04/13/21 16:06

Project Received by: tjn1

Life Science Laboratories, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose. By the Client's acceptance and/or use of this report, the Client agrees that LSL is hereby released from any and all liabilities, claims, damages or causes of action affecting or which may affect the Client as regards to the results contained in this report. The Client further agrees that the only remedy available to the Client in the event of proven non-conformity with the above warranty shall be for LSL to re-perform the analytical test(s) at no charge to the Client. The data contained in this report are for the exclusive use of the Client to whom it is addressed, and the release of these data to any other party, or the use of the name, trademark or service mark of Life Science Laboratories, Inc. especially for the use of advertising to the general public, is strictly prohibited without express prior written consent of Life Science Laboratories, Inc. This report may only be reproduced in its entirety. No partial duplication is allowed. The Chain of Custody and the Sample Receipt documents submitted with these samples are considered by LSL to be an appendix of this report and may contain data qualifiers and specific information that pertains to the samples included in this report. The analytical result(s) in this report are only representative of the sample(s) submitted for analysis. LSL makes no claim of a sample's representativeness, or integrity, if sampling was not performed by LSL personnel.

LSL Central Lab
5854 Butternut Drive
East Syracuse, NY 13057
Tel. (315) 445-1900
Fax (315) 445-1104
NYS DOH ELAP #10248

LSL North Lab
131 St. Lawrence Avenue
Waddington, NY 13694
Tel. (315) 388-4476
Fax (315) 388-4061
NYS DOH ELAP #10900

LSL Finger Lakes Lab
16 N. Main St., PO Box 424
Wayland, NY 14572
Tel. (585) 213-4090
Fax (585) 213-4192
NYS DOH ELAP #11667

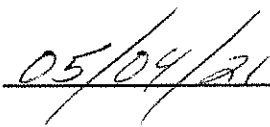
LSL Southern Tier Office
Cuba, NY
Tel. (585) 209-4032

LSL MidLakes Office
Canandaigua, NY
Tel. (585) 728-3320

This report was reviewed by:


Kristin E. Carpenter, Quality Staff

Date:



A copy of this report was sent to:

Original Report Date: 4/30/21

TST BOCES; Tompkins Co. DOH

Page 1 of 2

Date Printed:

5/4/21

-- REVISED LABORATORY ANALYSIS REPORT --

Ithaca City School District Ithaca, NY

Sample ID: CES-001-F **LSL Sample ID:** 2105186-001

Location:

Sampled: 04/13/21 5:00 **Sampled By:** MA

Sample Matrix: PWS

Analytical Method	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
Analyte	Result	Units		

(1) Lead Study

Number of Samples

35

MT

Please refer to the chain of custody form on the last page of this report for the detailed descriptions of where these samples were taken.

Analysis performed at: (1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab

Original Report Date: 04/30/21

Life Science Laboratories, Inc.

Page 2 of 2
Date Printed: 5/4/21

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East Syracuse NY 13057

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-001-F

Lab ID: 2105186-001A
Collection Date: 04/13/21 5:00
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.014	mg/L	04/20/21 17:41

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-010-F

Lab ID: 2105186-002A
Collection Date: 04/13/21 5:01
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0059	mg/L	04/20/21 17:43

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-012-F

Lab ID: 2105186-003A
Collection Date: 04/13/21 5:02
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0043	mg/L	04/20/21 17:45

- | | |
|---|---|
| <p>Qualifiers:</p> <ul style="list-style-type: none"> * Value may exceed the Acceptable Level E Value exceeds the instrument calibration range J Analyte detected below the PQL P Prim./Conf. column %D or RPD exceeds limit | <ul style="list-style-type: none"> B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Practical Quantitation Limit (PQL) S Spike Recovery outside accepted recovery limits |
|---|---|

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-014-F

Lab ID: 2105186-004A
Collection Date: 04/13/21 5:03
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8, Rev. 5.4	(EPA 200.2)
Lead	0.0044	mg/L	04/20/21 17:47

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-016-F

Lab ID: 2105186-005A
Collection Date: 04/13/21 5:03
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0020	mg/L	04/20/21 17:53

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-018-F

Lab ID: 2105186-006A

Collection Date: 04/13/21 5:03

Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0076	mg/L	04/20/21 17:55

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-020-F

Lab ID: 2105186-007A
Collection Date: 04/13/21 5:03
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8, Rev. 5.4	(EPA 200.2)
Lead	0.0047	mg/L	04/20/21 17:57

- | | | |
|--------------------|--|---|
| Qualifiers: | * Value may exceed the Acceptable Level | B Analyte detected in the associated Method Blank |
| | E Value exceeds the instrument calibration range | H Holding times for preparation or analysis exceeded |
| | J Analyte detected below the PQL | ND Not Detected at the Practical Quantitation Limit (PQL) |
| | P Prim./Conf. column %D or RPD exceeds limit | S Spike Recovery outside accepted recovery limits |

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-022-F
Lab ID: 2105186-008A
Collection Date: 04/13/21 5:04
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8, Rev. 5.4	(EPA 200.2)
Lead	0.017 *	mg/L	04/20/21 17:59

- | | | |
|--------------------|--|---|
| Qualifiers: | * Value may exceed the Acceptable Level | B Analyte detected in the associated Method Blank |
| | E Value exceeds the instrument calibration range | H Holding times for preparation or analysis exceeded |
| | J Analyte detected below the PQL | ND Not Detected at the Practical Quantitation Limit (PQL) |
| | P Prim./Conf. column %D or RPD exceeds limit | S Spike Recovery outside accepted recovery limits |

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-025-F

Lab ID: 2105186-009A
Collection Date: 04/13/21 5:05
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0046	mg/L	04/20/21 18:01

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-027-F

Lab ID: 2105186-010A
Collection Date: 04/13/21 5:06
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0029	mg/L	04/20/21 18:03

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-030-F

Lab ID: 2105186-011A

Collection Date: 04/13/21 5:06

Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0028	mg/L	04/20/21 18:05

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-032-F

Lab ID: 2105186-012A
Collection Date: 04/13/21 5:07
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0019	mg/L	04/20/21 18:07

- | | | |
|--------------------|--|---|
| Qualifiers: | * Value may exceed the Acceptable Level | B Analyte detected in the associated Method Blank |
| | E Value exceeds the instrument calibration range | H Holding times for preparation or analysis exceeded |
| | J Analyte detected below the PQL | ND Not Detected at the Practical Quantitation Limit (PQL) |
| | P Prim./Conf. column %D or RPD exceeds limit | S Spike Recovery outside accepted recovery limits |

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-034-F

Lab ID: 2105186-013A
Collection Date: 04/13/21 5:08
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0081	mg/L	04/28/21 13:11

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-035-F

Lab ID: 2105186-014A

Collection Date: 04/13/21 5:07

Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0022	mg/L	04/20/21 18:09

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-037-F

Lab ID: 2105186-015A
Collection Date: 04/13/21 5:08
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.011	mg/L	04/20/21 18:15

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

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Life Science Laboratories, Inc.

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-038-F

Lab ID: 2105186-016A
Collection Date: 04/13/21 5:08
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0023	mg/L	04/20/21 18:17

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-041-F

Lab ID: 2105186-017A
Collection Date: 04/13/21 5:00
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0028	mg/L	04/20/21 18:19

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-042-F
Lab ID: 2105186-018A
Collection Date: 04/13/21 5:00
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.016 *	mg/L	04/20/21 18:21

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

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Life Science Laboratories, Inc.
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East Syracuse NY 13057 (315) 445-1900

Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-044-F

Lab ID: 2105186-019A
Collection Date: 04/13/21 5:11
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8, Rev. 5.4	(EPA 200.2)
Lead	0.0027	mg/L	04/20/21 18:23

- | | | |
|--------------------|--|---|
| Qualifiers: | * Value may exceed the Acceptable Level | B Analyte detected in the associated Method Blank |
| | E Value exceeds the instrument calibration range | H Holding times for preparation or analysis exceeded |
| | J Analyte detected below the PQL | ND Not Detected at the Practical Quantitation Limit (PQL) |
| | P Prim./Conf. column %D or RPD exceeds limit | S Spike Recovery outside accepted recovery limits |

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Life Science Laboratories, Inc.
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East Syracuse NY 13057 (315) 445-1900

Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-047-F

Lab ID: 2105186-020A
Collection Date: 04/13/21 5:11
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0028	mg/L	04/20/21 18:25

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

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Life Science Laboratories, Inc.

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-057-F

Lab ID: 2105186-021A
Collection Date: 04/13/21 5:12
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0023	mg/L	04/21/21 17:14

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS

Client Sample ID: CES-059-F

Project: Ithaca City School District

Location: Caroline Elementary School - Lead Study

Lab ID: 2105186-022A

Matrix: PWS

Collection Date: 04/13/21 5:13

Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0034	mg/L	04/21/21 17:24

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-061-F

Lab ID: 2105186-023A

Collection Date: 04/13/21 5:14

Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.013	mg/L	04/21/21 17:28

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

REVISED



Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse NY 13057 (315) 445-1900

Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-063-F
Lab ID: 2105186-024A
Collection Date: 04/13/21 5:13
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0021	mg/L	04/21/21 17:31

- | | | |
|--------------------|--|---|
| Qualifiers: | * Value may exceed the Acceptable Level | B Analyte detected in the associated Method Blank |
| | E Value exceeds the instrument calibration range | H Holding times for preparation or analysis exceeded |
| | J Analyte detected below the PQL | ND Not Detected at the Practical Quantitation Limit (PQL) |
| | P Prim./Conf. column %D or RPD exceeds limit | S Spike Recovery outside accepted recovery limits |

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5854 Butternut Drive
East Syracuse NY 13057 (315) 445-1900

Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-065-F

Lab ID: 2105186-025A
Collection Date: 04/13/21 5:14
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0023	mg/L	04/21/21 17:34

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

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East Syracuse NY 13057 (315) 445-1900

Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-067-F

Lab ID: 2105186-026A
Collection Date: 04/13/21 5:15
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0017	mg/L	04/21/21 17:38

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-070-F

Lab ID: 2105186-027A
Collection Date: 04/13/21 5:15
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8, Rev. 5.4	(EPA 200.2)
Lead	0.0017	mg/L	04/21/21 17:48

- | | | |
|--------------------|--|---|
| Qualifiers: | * Value may exceed the Acceptable Level | B Analyte detected in the associated Method Blank |
| | E Value exceeds the instrument calibration range | H Holding times for preparation or analysis exceeded |
| | J Analyte detected below the PQL | ND Not Detected at the Practical Quantitation Limit (PQL) |
| | P Prim./Conf. column %D or RPD exceeds limit | S Spike Recovery outside accepted recovery limits |

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-073-F

Lab ID: 2105186-028A
Collection Date: 04/13/21 5:16
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8, Rev. 5.4	(EPA 200.2)
Lead	0.0016	mg/L	04/21/21 17:51

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-075-F

Lab ID: 2105186-029A
Collection Date: 04/13/21 5:16
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0037	mg/L	04/21/21 17:54

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-077-F

Lab ID: 2105186-030A
Collection Date: 04/13/21 5:18
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8, Rev. 5.4	(EPA 200.2)
Lead	0.0049	mg/L	04/21/21 17:58

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-079-F

Lab ID: 2105186-031A
Collection Date: 04/13/21 5:19
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0036	mg/L	04/21/21 18:01

- | | | |
|--------------------|--|---|
| Qualifiers: | * Value may exceed the Acceptable Level | B Analyte detected in the associated Method Blank |
| | E Value exceeds the instrument calibration range | H Holding times for preparation or analysis exceeded |
| | J Analyte detected below the PQL | ND Not Detected at the Practical Quantitation Limit (PQL) |
| | P Prim./Conf. column %D or RPD exceeds limit | S Spike Recovery outside accepted recovery limits |

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-081-F

Lab ID: 2105186-032A

Collection Date: 04/13/21 5:18

Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.010	mg/L	04/21/21 18:05

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-083-F

Lab ID: 2105186-033A
Collection Date: 04/13/21 5:19
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0031	mg/L	04/21/21 18:08

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

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East Syracuse NY 13057 (315) 445-1900

Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: Caroline Elementary School - Lead Study
Matrix: PWS

Client Sample ID: CES-085-F
Lab ID: 2105186-034A
Collection Date: 04/13/21 5:20
Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0011	mg/L	04/21/21 18:11

- Qualifiers:**
- * Value may exceed the Acceptable Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS

Client Sample ID: CES-088-F

Project: Ithaca City School District

Location: Caroline Elementary School - Lead Study

Lab ID: 2105186-035A

Matrix: PWS

Collection Date: 04/13/21 5:22

Date Received: 04/13/21 16:06

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0011	mg/L	04/21/21 18:15

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



5854 Butternut Drive
East Syracuse, NY 13057

Chain of Custody Record

2105186

IthacaCitySchools

2923

Client: Ithaca City School District
 Address: 400 Lake Street
 Ithaca, NY 14850

Phone # (315) 445-1900
 Phone # (607) 280-3900
 Fax #

Telefax # (315) 445-1104

Contact Person: Paul Alexander
 Client's Site I.D.: ICSD - Caroline Elementary School - Lead

LSL Project #:

LSL Sample Number	Client's Sample Identifications	Authorization:		Sample Date	Sample Time	Type		Matrix	Preserv. Added	Containers # size/type	Analyses	Free Cl (mg/L)	Pres. Check
		Sample Date	Sample Time			grab	comp.						
0015A	CES-037-F	4/13/2021	5:08AM	X		PW	NONE	1 8 oz	UES-15	Lead by EPA 200.8		< 2	
16	CES-038-F	4/13/2021	5:08AM	X		PW	NONE	1 8 oz	16	Lead by EPA 200.8			
17	CES-041-F	4/13/2021	5:00AM	X		PW	NONE	1 8 oz	17	Lead by EPA 200.8			
18	CES-042-F	4/13/2021	5:00AM	X		PW	NONE	1 8 oz	18	Lead by EPA 200.8			
19	CES-044-F	4/13/2021	5:11AM	X		PW	NONE	1 8 oz	19	Lead by EPA 200.8			
20	CES-047-F	4/13/2021	5:11AM	X		PW	NONE	1 8 oz	20	Lead by EPA 200.8			
21	CES-057-F	4/13/2021	5:12AM	X		PW	NONE	1 8 oz	21	Lead by EPA 200.8			
22	CES-059-F	4/13/2021	5:13AM	X		PW	NONE	1 8 oz	22	Lead by EPA 200.8			
23	CES-061-F	4/13/2021	5:14AM	X		PW	NONE	1 8 oz	23	Lead by EPA 200.8			
24	CES-063-F	4/13/2021	5:13AM	X		PW	NONE	1 8 oz	24	Lead by EPA 200.8			
25	CES-065-F	4/13/2021	5:14AM	X		PW	NONE	1 8 oz	25	Lead by EPA 200.8			
26	CES-067-F	4/13/2021	5:15AM	X		PW	NONE	1 8 oz	26	Lead by EPA 200.8			
27	CES-070-F	4/13/2021	5:15AM	X		PW	NONE	1 8 oz	27	Lead by EPA 200.8			
28	CES-073-F	4/13/2021	5:16AM	X		PW	NONE	1 8 oz	28	Lead by EPA 200.8		✓	

PLEASE FILL OUT COMPLETELY **SAMPLES MUST BE RECEIVED ON ICE** **SAMPLES MUST BE RECEIVED ON ICE**

Notes and Hazard identifications:

Results to: jdraw@tstbooces.org

Samples Preserved: segan@tstbooces.org

Upon Receipt at Lab: malo@tstbooces.org

mmiroiu@tstbooces.org

Print Name: Mark J. Alo Signature: *[Signature]*

Received By: *[Signature]* Date: 4/13/21 2:18 PM

Relinquished By: *[Signature]* Received By: *[Signature]* Date: 4-13-21 1420

Relinquished By: *[Signature]* Received for Lab By: *[Signature]* Date: 4/13/21 1606

Shipment Method: Samples Received Intact: Y N 21.9°C

5854 Butternut Drive
East Syracuse, NY 13057

Chain of Custody Record

2105186

IthacaCitySchools

2923

Client: Ithaca City School District
Address: 400 Lake Street
Ithaca, NY 14850

Phone # (315) 445-1900
Telefax # (315) 445-1104
Phone # (607) 280-3900
Fax #

Contact Person: Paul Alexander
Client's Site I.D.: ICSD - Caroline Elementary School - Lead

LSL Project #:

LSL Sample Number	Client's Sample Identifications	Authorization:		Sample Date	Sample Time	Type		Matrix	Preserv. Added	Containers # size/type	Analyses	Free Cl (mg/L)	Pres. Check
		Sample Date	Sample Time			grab	comp.						
0029 A	CES-075-F	4/13/2021	5:16AM	X		PW	NONE	1	8 oz	CES-21 Lead by EPA 200.8		< 2	
30	CES-077-F	4/13/2021	5:18AM	X		PW	NONE	1	8 oz	30 Lead by EPA 200.8			
31	CES-079-F	4/13/2021	5:19AM	X		PW	NONE	1	8 oz	31 Lead by EPA 200.8			
32	CES-081-F	4/13/2021	5:18AM	X		PW	NONE	1	8 oz	32 Lead by EPA 200.8			
33	CES-083-F	4/13/2021	5:19AM	X		PW	NONE	1	8 oz	33 Lead by EPA 200.8			
34	CES-085-F	4/13/2021	5:20AM	X		PW	NONE	1	8 oz	34 Lead by EPA 200.8			
35 ↓	CES-088-F	4/13/2021	5:22AM	X		PW	NONE	1	8 oz	35 Lead by EPA 200.8		↓	

SAMPLES MUST BE RECEIVED ON ICE **SAMPLES MUST BE RECEIVED ON ICE**

Please Fill Out Completely

Notes and Hazard identifications:

Results to: jdrew@tstbooces.org
Samples Preserved segan@tstbooces.org
Upon Receipt at Lab malo@tstbooces.org
mmiroiu@tstbooces.org

Print Name: Mark J. Alo Signature: *[Signature]*
Received By: *[Signature]*
Received By: *[Signature]*
Received for Lab By: *[Signature]*

Date: 4/13/21 12:00 PM
Date: 4/13/21 2:18 PM
Date: 4/13/21 14:20
Date: 4/13/21 16:06

Time: 12:00 PM
2:18 PM
14:20
16:06

Shipment Method: 21.9°C

Samples Received Intact: Y N