



Life Science Laboratories, Inc.

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Ithaca City School District
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Authorization: FN-00605

Laboratory Analysis Report

Prepared For

Ithaca City School District

Client Project ID:

ICSD-Belle Sherman Elem. School-Annex/Lead Study

LSL Project ID: **2104360**

Receive Date/Time: 03/30/21 15:42

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Tel. (585) 728-3320

Reviewed by: 
Kristin E. Carpenter, Quality Staff

Date: 04/16/21

-- LABORATORY ANALYSIS REPORT --

Ithaca City School District Ithaca, NY

Sample ID: 2020 Schools Lead in Drinking Water **LSL Sample ID:** 2104360-001
Location: Belle Sherman Elementary School-Annex
Sampled: 03/30/21 4:41 **Sampled By:** SEE
Sample Matrix: PW

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

(1) Lead Study

Number of Samples

11

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.



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: ICSD-Belle Sherman Elem. School-Annex/Lead Study
Matrix: PWS

Client Sample ID: *BSA-003-F*
Lab ID: 2104360-001A
Collection Date: 03/30/21 4:41
Date Received: 03/30/21 15:42

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.011	mg/L	04/07/21 15:53

- 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: ICSD-Belle Sherman Elem. School-Annex/Lead Study
Matrix: PWS

Client Sample ID: *BSA-005-F*
Lab ID: 2104360-002A
Collection Date: 03/30/21 4:41
Date Received: 03/30/21 15:42

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.015	mg/L	04/07/21 17:12

- 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: ICSD-Belle Sherman Elem. School-Annex/Lead Study
Matrix: PWS

Client Sample ID: *BSA-009-BF*
Lab ID: 2104360-003A
Collection Date: 03/30/21 4:42
Date Received: 03/30/21 15:42

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	< 0.0010	mg/L	04/07/21 15:56

- 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: ICSD-Belle Sherman Elem. School-Annex/Lead Study
Matrix: PWS

Client Sample ID: BSA-011-F

Lab ID: 2104360-004A
Collection Date: 03/30/21 4:43
Date Received: 03/30/21 15:42

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	< 0.0010	mg/L	04/07/21 15:59

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: ICSD-Belle Sherman Elem. School-Annex/Lead Study
Matrix: PWS

Client Sample ID: *BSA-013-F*
Lab ID: 2104360-005A
Collection Date: 03/30/21 4:44
Date Received: 03/30/21 15:42

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	< 0.0010	mg/L	04/07/21 16:03

- 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: ICSD-Belle Sherman Elem. School-Annex/Lead Study
Matrix: PWS

Client Sample ID: BSA-017-F

Lab ID: 2104360-006A

Collection Date: 03/30/21 4:45

Date Received: 03/30/21 15:42

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0018	mg/L	04/07/21 16:06

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: ICSD-Belle Sherman Elem. School-Annex/Lead Study
Matrix: PWS

Client Sample ID: *BSA-019-F*

Lab ID: 2104360-007A

Collection Date: 03/30/21 4:45

Date Received: 03/30/21 15:42

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0026	mg/L	04/07/21 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: ICSD-Belle Sherman Elem. School-Annex/Lead Study
Matrix: PWS

Client Sample ID: *BSA-024-F*

Lab ID: 2104360-008A

Collection Date: 03/30/21 4:46

Date Received: 03/30/21 15:42

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0010	mg/L	04/07/21 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: ICSD-Belle Sherman Elem. School-Annex/Lead Study
Matrix: PWS

Client Sample ID: BSA-026-F
Lab ID: 2104360-009A
Collection Date: 03/30/21 4:47
Date Received: 03/30/21 15:42

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0021	mg/L	04/07/21 18:04

- 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: ICSD-Belle Sherman Elem. School-Annex/Lead Study
Matrix: PWS

Client Sample ID: *BSA-031-F*
Lab ID: 2104360-010A
Collection Date: 03/30/21 4:47
Date Received: 03/30/21 15:42

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	< 0.0010	mg/L	04/07/21 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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Analytical Results

State Certification No: 10248

CLIENT: Life Science Labs-LIMS
Project: Ithaca City School District
Location: ICSD-Belle Sherman Elem. School-Annex/Lead Study
Matrix: PWS

Client Sample ID: *BSA-033-F*
Lab ID: 2104360-011A
Collection Date: 03/30/21 4:43
Date Received: 03/30/21 15:42

Analyte	Result and Qualifiers	Units	Date Analyzed
METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	< 0.0010	mg/L	04/07/21 18:18

- 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

Telefax # (315) 445-1104

Phone # (315) 445-1900

Client: Ithaca City School District

Phone # (607) 280-3900

Fax #

Address: 400 Lake Street

Ithaca, NY 14850

Contact Person: Paul Alexander

LSL Project #:

Client's Site I.D.: ICSD: Belle Sherman Elementary School - Annex

Client's Pr: 2020 Schools Lead in Drinking Water

Authorization:

LSL Sample Number	Client's Sample Identifications	Sample Date	Sample Time	Type		Matrix	Preserv. Added	Containers		Analyses	Free Cl (mg/L)	Pres. Check
				grab	comp.			#	size/type			
001A	BSA-003-F	3/30/2021	4:41 AM	✓		DW	NONE	1	250 mL	Lead by EPA 200.8		
002A	BSA-005-F	3/30/2021	4:41 AM	✓		DW	NONE	1	250 mL	Lead by EPA 200.8		
003	BSA-009-BF	3/30/2021	4:42 AM	✓		DW	NONE	1	250 mL	Lead by EPA 200.8		
004	BSA-011-F	3/30/2021	4:43 AM	✓		DW	NONE	1	250 mL	Lead by EPA 200.8		
005	BSA-013-F	3/30/2021	4:44 AM	✓		DW	NONE	1	250 mL	Lead by EPA 200.8		
006	BSA-017-F	3/30/2021	4:45 AM	✓		DW	NONE	1	250 mL	Lead by EPA 200.8		
007	BSA-019-F	3/30/2021	4:45 AM	✓		DW	NONE	1	250 mL	Lead by EPA 200.8		
008	BSA-024-F	3/30/2021	4:46 AM	✓		DW	NONE	1	250 mL	Lead by EPA 200.8		
009	BSA-026-F	3/30/2021	4:47 AM	✓		DW	NONE	1	250 mL	Lead by EPA 200.8		
010	BSA-031-F	3/30/2021	4:47 AM	✓		DW	NONE	1	250 mL	Lead by EPA 200.8		
011	BSA-033-F	3/30/2021	4:43 AM	✓		DW	NONE	1	250 mL	Lead by EPA 200.8		

SAMPLES MUST BE RECEIVED ON ICE

Please Fill Out Completely

SAMPLES MUST BE RECEIVED ON ICE

Notes and Hazard Identifications:

Custody Transfers

Results to: jdre@tstbooces.org

segan@tstbooces.org

malo@tstbooces.org

mroiou@tstbooces.org

Print Name: Stephanie Egan-Engels

Signature: *S. Egan-Engels*

Received By:

Received By: *Paul Penellon*

Received By: *Daniel Amoro*

Date	Time
3/30/2021	10:55 AM
3/30/21	10:38
3/30/21	15:42

Shipment Method:

Samples Received Intact: Y N 23.1°C

① Samples Reserved
Upon Receipt at Lab