SIENNA
ENVIRONMENTAL TECHNOLOGIES

350 Elmwood Ave. • Buffalo, NY 14222
Ⓟ 716.332.3134 Ⓕ 716.332.3136

December 1, 2016

Mr. Timothy Ames
Kenmore Tonawanda UFSD
1500 Colvin Boulevard
Buffalo, NY 14223

Re: Lead in Water Sampling Report
Kenmore Tonawanda UFSD
Lindbergh Elementary School
SET 2845K

Dear Mr. Ames:

At your request, Sienna Environmental Technologies conducted water sampling, screening for lead contaminants at the above referenced property in accordance with 1370-a and 1110, Subpart 67-4 of Title 10 (Health) of the Official Compilation of Codes, Rules and Regulations of the State of New York, and US EPA guidelines.

If you have any questions, or if we can be of assistance in any other way, please do not hesitate to call. Thank you for the opportunity to be of service to Kenmore Tonawanda UFSD.

Sincerely,
Sienna Environmental Technologies, LLC

Raymond Cich
Operations Manager

Lead in Water Sampling
In Accordance with
NYCRR Title 10, Subpart 67-4

OF THE:

Kenmore Tonawanda UFSD
Lindbergh Elementary School

PREPARED BY:

SIENNA
ENVIRONMENTAL TECHNOLOGIES
350 Elmwood Avenue Buffalo, New York 14222
ph: 716.332.3134 www.siennaet.com

PREPARED FOR:

Kenmore Tonawanda UFSD
1500 Colvin Boulevard
Buffalo, NY 14223

CONDITIONS AS OF:

September 28, 2016

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Summary Tabulation

1. Lead in Water Sampling

1.1 Introduction

Sienna Environmental Technologies performed client directed sampling of potable water outlets. The sampling event was conducted on September 28, 2016 prior to the facilities opening in the morning and before any water was used; known as a “first-draw” sample. The outlets tested were reported to be out of service for a minimum of 8 hours, but not more than 18 hours, prior to sample collection. Sampling was conducted at outlets specified by the client at the following school:

- Lindbergh Elementary School

Sienna Environmental Technologies was charged with:

1. Collecting a “first-draw” sample volume of 250 milliliters (mL), collected from cold water outlets after not being used for 8-18 hours. Sample locations were client directed.
2. Sending samples to an independent laboratory for lead analysis by ICP Method 200.8 in conformance with NYS and US EPA guidelines.
3. Providing a report of the sampling and analysis of the potable water for lead contamination to the School District.

1.2 Summary of Non-Compliant Water Analysis

NYCRR Title 10, Subpart 67-4 recommends that any water fountains and/or outlets be taken out of service if analysis indicates lead levels which exceed 15 parts per billion (ppb) based on a 250 mL first-draw sample. 15 ppb is equivalent to 15 micrograms per liter (µg/L). The following is a list of outlets in excess of 15 ppb. For a comprehensive list of outlets sampled, see appendix B.

Sample Date	Client ID Sample No.	Sample Description		Result (µg/L)
		Location of Outlet	Type of Outlet	
Lindbergh Elementary School				
9-28-2016	LE-KFC-Kitchen-02	Kitchen	Kitchen Faucet Cold	17
9-28-2016	LE-KFC-Kitchen-04	Kitchen	Kitchen Faucet Cold	22
9-28-2016	LE-KFC-Kitchen-06	Kitchen	Kitchen Faucet Cold	86
9-28-2016	LE-KFC-Kitchen-07	Kitchen	Kitchen Faucet Cold	17
9-28-2016	LE-CFC-113-11	Room 113	Classroom Faucet Cold	29
9-28-2016	LE-CFC-112-12	Room 112	Classroom Faucet Cold	23
9-28-2016	LE-CFC-111-15	Room 111	Classroom Faucet Cold	32
9-28-2016	LE-BFC-109D-19	Room 109D	Bathroom Faucet Cold	18
9-28-2016	LE-BFC-109D-20	Room 109D	Bathroom Faucet Cold	19
9-28-2016	LE-CFC-108-21	Room 108	Classroom Faucet Cold	66
9-28-2016	LE-CFC-107-22	Room 107	Classroom Faucet Cold	31
9-28-2016	LE-DW-A104-23	Room 104A	Drinking Water Bubbler	17
9-28-2016	LE-CFC-106-24	Room 106	Classroom Faucet Cold	29
9-28-2016	LE-BFC-129B-25	Room 129B	Bathroom Faucet Cold	19
9-28-2016	LE-DW-A102-28	Room A102	Drinking Water Bubbler	34
9-28-2016	LE-DW-119F-31	Room 119F	Drinking Water Bubbler	33
9-28-2016	LE-CFC-101-33	Room 101	Classroom Faucet Cold	50
9-28-2016	LE-CSC-125-34	Room 125	Custodial Slop Sink cold	19
9-28-2016	LE-BFC-125-35	Room 125	Bathroom Faucet Cold	26
9-28-2016	LE-BFC-125-37	Room 125	Bathroom Faucet Cold	21
9-28-2016	LE-BFC-124A-40	Room 124A	Bathroom Faucet Cold	19
9-28-2016	LE-BFC-203A-59	Room 203A	Bathroom Faucet Cold	37
9-28-2016	LE-CFC-203-60	Room 203	Classroom Faucet Cold	38
9-28-2016	LE-DW-A204-62	Room A204	Drinking Water Bubbler	19

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1.3 Discussion and Recommendations

The testing provided is representative of the water that may be consumed at the beginning of the day or after infrequent use. It consists of water that has been in contact with the fixture and the plumbing connecting the faucet or the lateral pipes. Section 67-4.4 "Response" should be followed as your next steps to comply with NYCRR Title 10, Subpart 67-4.

Once section 67-4.4 has been completed, Sienna recommends the following actions for samples that exceed the action limit:

- Collect an additional first draw sample for analysis.
- Collect a follow-up flush sample. This sample is collected after the first draw sample is collected and the faucet is allowed to run for 30 seconds and is representative of the water that is in the plumbing upstream from the faucet.

This testing protocol will aid in identifying the potential source of the elevated lead level. If the lead level in the first draw sample is higher than that in the follow-up flush sample, the source of lead is the water faucet and/or the plumbing upstream from the faucet. If the lead level in follow-up flush sample is very low, i.e. close to 5 ppb, very little lead is coming from the plumbing upstream from the faucet. The majority or all of the lead in the water is from the faucet and/or the plumbing connecting the faucet to the lateral. If the lead level in the follow-up flush sample significantly exceeds 5 ppb (i.e. close to 10 ppb), lead from the plumbing upstream from the faucet may be contributing to these results.

In Addition, NYCRR Title 10, Subpart 67-4 states that you may find the United States Environmental Protection Agency's guidance document helpful, titled "3Ts for Reducing Lead in Drinking Water in Schools, Revised Technical Guidance".

https://www.epa.gov/sites/production/files/2015-09/documents/toolkit_leadschools_guide_3ts_leadschools.pdf

This document includes sample notifications letters, press releases, and provides guidance through the process of reducing lead exposure.

Appendix A General Conditions of Sampling

1. Sienna Environmental Technologies, LLC neither accepts nor implies any liability for the implementation of the recommendations found within this report.

2. The results of the laboratory analytical reports that may be contained herein are the product of the knowledge, experience and expertise of the laboratory retained to perform such services. Sienna Environmental Technologies neither accepts nor implies any liability for sample analysis reports compiled by others.

3. This report is based on the condition and contents present at the site on the day of the inspection. Sienna Environmental Technologies, LLC is not liable for materials, chemicals or other substances of concern that may have been removed or introduced to the site, prior to the inspection date or subsequent to that date.

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Appendix B Chains of Custody and Laboratory Reports

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

November 9, 2016

Greg Brown
Environmental Hazards Services, LLC
7469 White Pine Road
Richmond, VA 23237

Project Location: KenTon CSD- Lindbergh Elementary
Client Job Number:
Project Number: 2845-K
Laboratory Work Order Number: 16K0089

Enclosed are results of analyses for samples received by the laboratory on November 2, 2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley
Project Manager

Table of Contents

Table of Contents (continued)

Table of Contents (continued)

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Environmental Hazards Services, LLC
7469 White Pine Road
Richmond, VA 23237
ATTN: Greg Brown

REPORT DATE: 11/9/2016

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2845-K

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 16K0089

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: KenTon CSD- Lindbergh Elementary

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LE-KFC-Kitchen-01	16K0089-01	Drinking Water	Kitchen - Eastwall	EPA 200.8	
LE-KFC-Kitchen-02	16K0089-02	Drinking Water	Kitchen - Northwall, Right	EPA 200.8	
LE-KFC-Kitchen-03	16K0089-03	Drinking Water	Kitchen - Northwall, Middle	EPA 200.8	
LE-KFC-Kitchen-04	16K0089-04	Drinking Water	Kitchen - Northwall, Left	EPA 200.8	
LE-KFC-Kitchen-05	16K0089-05	Drinking Water	Kitchen - Center Island	EPA 200.8	
LE-KFC-Kitchen-06	16K0089-06	Drinking Water	Kitchen - Westwall, Right	EPA 200.8	
LE-KFC-Kitchen-07	16K0089-07	Drinking Water	Kitchen - Westwall, Left	EPA 200.8	
LE-BFC-117B-08	16K0089-08	Drinking Water	117B - Westwall	EPA 200.8	
LE-WC-115-09	16K0089-09	Drinking Water	115 - Northwall	EPA 200.8	
LE-CFC-114-10	16K0089-10	Drinking Water	114 - Southwall	EPA 200.8	
LE-CFC-113-11	16K0089-11	Drinking Water	113 - Southwall	EPA 200.8	
LE-CFC-112-12	16K0089-12	Drinking Water	112 - Eastwall	EPA 200.8	
LE-BFC-121A-13	16K0089-13	Drinking Water	121A- Westwall	EPA 200.8	
LE-DW-A105-14	16K0089-14	Drinking Water	A105 - Westwall	EPA 200.8	
LE-CFC-111-15	16K0089-15	Drinking Water	111 - Eastwall	EPA 200.8	
LE-CFC-110-16	16K0089-16	Drinking Water	110 - Eastwall	EPA 200.8	
LE-DW-109F-17	16K0089-17	Drinking Water	109F - Eastwall, Right	EPA 200.8	
LE-CFC-109F-18	16K0089-18	Drinking Water	109F - Eastwall, Left	EPA 200.8	
LE-BFC-109D-19	16K0089-19	Drinking Water	109D - Eastwall, Left	EPA 200.8	
LE-BFC-109D-20	16K0089-20	Drinking Water	109D - Eastwall, Right	EPA 200.8	
LE-CFC-108-21	16K0089-21	Drinking Water	108, Northwall	EPA 200.8	
LE-CFC-107-22	16K0089-22	Drinking Water	107, Northwall	EPA 200.8	
LE-DW-A104-23	16K0089-23	Drinking Water	A104, Northwall	EPA 200.8	
LE-CFC-106-24	16K0089-24	Drinking Water	106, Northwall	EPA 200.8	
LE-BFC-129B-25	16K0089-25	Drinking Water	129B, Westwall	EPA 200.8	
LE-BFC-105A-26	16K0089-26	Drinking Water	105A, Southwall	EPA 200.8	
LE-BFC-104A-27	16K0089-27	Drinking Water	104A, Southwall	EPA 200.8	
LE-DW-A102-28	16K0089-28	Drinking Water	A102 - Eastwall	EPA 200.8	
LE-DW-103A-29	16K0089-29	Drinking Water	103A, Southwall Left	EPA 200.8	
LE-BFC-103A-30	16K0089-30	Drinking Water	103A, Southwall Right	EPA 200.8	
LE-DW-119F-31	16K0089-31	Drinking Water	119F - SW Corner	EPA 200.8	
LE-CFC-102-32	16K0089-32	Drinking Water	102 - Westwall	EPA 200.8	
LE-CFC-101-33	16K0089-33	Drinking Water	101 - Westwall	EPA 200.8	
LE-CSC-125-34	16K0089-34	Drinking Water	125 - Eastwall, Right	EPA 200.8	
LE-BFC-125-35	16K0089-35	Drinking Water	125 - Northwall	EPA 200.8	
LE-BFC-125-36	16K0089-36	Drinking Water	125 - Eastwall, Left	EPA 200.8	
LE-BFC-125-37	16K0089-37	Drinking Water	125 - Eastwall, Right	EPA 200.8	
LE-BFC-125-38	16K0089-38	Drinking Water	125 - Westwall, Left	EPA 200.8	
LE-BFC-125-39	16K0089-39	Drinking Water	125 - Westwall, Right	EPA 200.8	
LE-BFC-124A-40	16K0089-40	Drinking Water	124A - Westwall	EPA 200.8	
LE-BFC-123A-41	16K0089-41	Drinking Water	123A - Westwall	EPA 200.8	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Environmental Hazards Services, LLC
7469 White Pine Road
Richmond, VA 23237
ATTN: Greg Brown

REPORT DATE: 11/9/2016

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2845-K

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 16K0089

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: KenTon CSD- Lindbergh Elementary

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LE-CFC-123-42	16K0089-42	Drinking Water	123 - Westwall	EPA 200.8	
LE-CSC-122-43	16K0089-43	Drinking Water	122 - Westwall, Left	EPA 200.8	
LE-BFC-122-44	16K0089-44	Drinking Water	122 - Westwall, Middle	EPA 200.8	
LE-BFC-122-45	16K0089-45	Drinking Water	122 - Westwall, Right	EPA 200.8	
LE-DW-A205-46	16K0089-46	Drinking Water	A205 - Westwall	EPA 200.8	
LE-BFC-225-47	16K0089-47	Drinking Water	225 - Eastwall	EPA 200.8	
LE-CSC-226-48	16K0089-48	Drinking Water	226 - Westwall	EPA 200.8	
LE-BFC-226-49	16K0089-49	Drinking Water	226 - Eastwall, Left	EPA 200.8	
LE-BFC-226-50	16K0089-50	Drinking Water	226 - Eastwall, Right	EPA 200.8	
LE-BFC-227C-51	16K0089-51	Drinking Water	227C - Westwall	EPA 200.8	
LE-BFC-227D-52	16K0089-52	Drinking Water	227D - Northwall	EPA 200.8	
LE-CSC-228-53	16K0089-53	Drinking Water	228 - Eastwall, Right	EPA 200.8	
LE-BFC-228-54	16K0089-54	Drinking Water	228 - Westwall, Left	EPA 200.8	
LE-BFC-228-55	16K0089-55	Drinking Water	228 - Westwall, Right	EPA 200.8	
LE-BFC-228-56	16K0089-56	Drinking Water	228 - Eastwall, Left	EPA 200.8	
LE-BFC-228-57	16K0089-57	Drinking Water	228 - Eastwall, Middle	EPA 200.8	
LE-BFC-203A-59	16K0089-58	Drinking Water	203A - Westwall, Right	EPA 200.8	
LE-CFC-203-60	16K0089-59	Drinking Water	203 - Westwall	EPA 200.8	
LE-DW-A202-61	16K0089-60	Drinking Water	A202 - Eastwall	EPA 200.8	
LE-DW-A204-62	16K0089-61	Drinking Water	A204 - Northwall	EPA 200.8	

con-test® ANALYTICAL LABORATORY
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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT - 11/9/2016 - 16K0089-28 & 41 descriptions revised.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: Kitchen - Eastwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-KFC-Kitchen-01 Sampled: 9/28/2016 04:08

Sample ID: 16K0089-01

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	13	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 8:31	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: Kitchen - Northwall, Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-KFC-Kitchen-02 Sampled: 9/28/2016 04:08

Sample ID: 16K0089-02

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	17	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 8:41	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: Kitchen - Northwall, Middle Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-KFC-Kitchen-03 Sampled: 9/28/2016 04:10

Sample ID: 16K0089-03

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	14	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 8:44	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: Kitchen - Northwall, Left Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-KFC-Kitchen-04 Sampled: 9/28/2016 04:10

Sample ID: 16K0089-04

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	22	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 8:48	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: Kitchen - Center Island Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-KFC-Kitchen-05 Sampled: 9/28/2016 04:12

Sample ID: 16K0089-05

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	11	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 8:51	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: Kitchen - Westwall, Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-KFC-Kitchen-06 Sampled: 9/28/2016 04:13

Sample ID: 16K0089-06

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	86	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 8:55	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: Kitchen - Westwall, Left Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-KFC-Kitchen-07 Sampled: 9/28/2016 04:14

Sample ID: 16K0089-07

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	17	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:05	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 117B - Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-117B-08 Sampled: 9/28/2016 04:15

Sample ID: 16K0089-08

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	12	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:08	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 115 - Northwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-WC-115-09 Sampled: 9/28/2016 04:17

Sample ID: 16K0089-09

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	3.7	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:12	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 114 - Southwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-114-10 Sampled: 9/28/2016 04:21

Sample ID: 16K0089-10

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	6.4	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:15	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 113 - Southwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-113-11 Sampled: 9/28/2016 04:24

Sample ID: 16K0089-11

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	29	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:18	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 112 - Eastwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-112-12 Sampled: 9/28/2016 04:26

Sample ID: 16K0089-12

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	23	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:22	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 121A- Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-121A-13 Sampled: 9/28/2016 04:28

Sample ID: 16K0089-13

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	4.6	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:25	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: A105 - Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-DW-A105-14 Sampled: 9/28/2016 04:30

Sample ID: 16K0089-14

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	11	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:29	MJH

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Project Location: KenTon CSD- Lindbergh Element Sample Description: 111 - Eastwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-111-15 Sampled: 9/28/2016 04:31

Sample ID: 16K0089-15

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	32	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:32	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 110 - Eastwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-110-16 Sampled: 9/28/2016 04:32

Sample ID: 16K0089-16

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	12	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:35	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 109F - Eastwall, Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-DW-109F-17 Sampled: 9/28/2016 04:34

Sample ID: 16K0089-17

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	10	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:45	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 109F - Eastwall, Left Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-109F-18 Sampled: 9/28/2016 04:34

Sample ID: 16K0089-18

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	5.7	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:49	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 109D - Eastwall, Left Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-109D-19 Sampled: 9/28/2016 04:36

Sample ID: 16K0089-19

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	18	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:52	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 109D - Eastwall, Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-109D-20 Sampled: 9/28/2016 04:36

Sample ID: 16K0089-20

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	19	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 9:56	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 108, Northwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-108-21 Sampled: 9/28/2016 04:38

Sample ID: 16K0089-21

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	66	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 10:31	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 107, Northwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-107-22 Sampled: 9/28/2016 04:40

Sample ID: 16K0089-22

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	31	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 10:52	MJH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: A104, Northwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-DW-A104-23 Sampled: 9/28/2016 04:41

Sample ID: 16K0089-23

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	17	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 10:56	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 106, Northwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-106-24 Sampled: 9/28/2016 04:44

Sample ID: 16K0089-24

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	29	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 11:01	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 129B, Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-129B-25 Sampled: 9/28/2016 04:46

Sample ID: 16K0089-25

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	19	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 11:05	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 105A, Southwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-105A-26 Sampled: 9/28/2016 04:48

Sample ID: 16K0089-26

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	2.0	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 11:09	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 104A, Southwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-104A-27 Sampled: 9/28/2016 04:50

Sample ID: 16K0089-27

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	4.5	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 11:13	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: A102 - Eastwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-DW-A102-28 Sampled: 9/28/2016 04:53

Sample ID: 16K0089-28

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	34	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 11:18	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 103A, Southwall Left Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-DW-103A-29 Sampled: 9/28/2016 04:55

Sample ID: 16K0089-29

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	6.4	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 11:22	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 103A, Southwall Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-103A-30 Sampled: 9/28/2016 04:55

Sample ID: 16K0089-30

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	6.7	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 11:26	MJH

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Project Location: KenTon CSD- Lindbergh Element Sample Description: 119F - SW Corner Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-DW-119F-31 Sampled: 9/28/2016 04:57

Sample ID: 16K0089-31

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	33	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 11:39	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 102 - Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-102-32 Sampled: 9/28/2016 04:58

Sample ID: 16K0089-32

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	8.1	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 11:43	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 101 - Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-101-33 Sampled: 9/28/2016 05:00

Sample ID: 16K0089-33

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	50	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 11:47	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 125 - Eastwall, Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CSC-125-34 Sampled: 9/28/2016 05:02

Sample ID: 16K0089-34

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	19	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 11:51	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 125 - Northwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-125-35 Sampled: 9/28/2016 05:03

Sample ID: 16K0089-35

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	26	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 11:56	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 125 - Eastwall, Left Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-125-36 Sampled: 9/28/2016 05:04

Sample ID: 16K0089-36

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	8.1	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 12:00	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 125 - Eastwall, Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-125-37 Sampled: 9/28/2016 05:04

Sample ID: 16K0089-37

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	21	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 12:04	MJH

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Project Location: KenTon CSD- Lindbergh Element Sample Description: 125 - Westwall, Left Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-125-38 Sampled: 9/28/2016 05:05

Sample ID: 16K0089-38

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.8	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 12:08	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 125 - Westwall, Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-125-39 Sampled: 9/28/2016 05:05

Sample ID: 16K0089-39

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	7.1	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 12:13	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 124A - Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-124A-40 Sampled: 9/28/2016 05:07

Sample ID: 16K0089-40

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	19	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/7/16 12:17	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 123A - Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-123A-41 Sampled: 9/28/2016 05:10

Sample ID: 16K0089-41

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	3.5	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 6:42	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 123 - Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-123-42 Sampled: 9/28/2016 05:11

Sample ID: 16K0089-42

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	12	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 6:52	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 122 - Westwall, Left Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CSC-122-43 Sampled: 9/28/2016 05:12

Sample ID: 16K0089-43

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	5.3	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:03	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 122 - Westwall, Middle Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-122-44 Sampled: 9/28/2016 05:13

Sample ID: 16K0089-44

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	7.7	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:06	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 122 - Westwall, Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-122-45 Sampled: 9/28/2016 05:13

Sample ID: 16K0089-45

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	5.6	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:09	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: A205 - Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-DW-A205-46 Sampled: 9/28/2016 05:17

Sample ID: 16K0089-46

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	9.2	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:13	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 225 - Eastwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-225-47 Sampled: 9/28/2016 05:18

Sample ID: 16K0089-47

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	9.8	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:16	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 226 - Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CSC-226-48 Sampled: 9/28/2016 05:20

Sample ID: 16K0089-48

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	7.9	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:19	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 226 - Eastwall, Left Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-226-49 Sampled: 9/28/2016 05:21

Sample ID: 16K0089-49

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	2.1	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:23	MJH

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Project Location: KenTon CSD- Lindbergh Element Sample Description: 226 - Eastwall, Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-226-50 Sampled: 9/28/2016 05:21

Sample ID: 16K0089-50

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	7.3	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:26	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 227C - Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-227C-51 Sampled: 9/28/2016 05:24

Sample ID: 16K0089-51

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	11	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:30	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 227D - Northwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-227D-52 Sampled: 9/28/2016 05:25

Sample ID: 16K0089-52

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	6.5	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:33	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 228 - Eastwall, Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CSC-228-53 Sampled: 9/28/2016 05:28

Sample ID: 16K0089-53

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	3.0	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:43	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 228 - Westwall, Left Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-228-54 Sampled: 9/28/2016 05:29

Sample ID: 16K0089-54

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	5.0	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:47	MJH

con-test® ANALYTICAL LABORATORY
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Project Location: KenTon CSD- Lindbergh Element Sample Description: 228 - Westwall, Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-228-55 Sampled: 9/28/2016 05:29

Sample ID: 16K0089-55

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.6	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:50	MJH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 228 - Eastwall, Left Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-228-56 Sampled: 9/28/2016 05:30

Sample ID: 16K0089-56

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.0	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:53	MJH

con-test® ANALYTICAL LABORATORY
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Project Location: KenTon CSD- Lindbergh Element Sample Description: 228 - Eastwall, Middle Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-228-57 Sampled: 9/28/2016 05:30

Sample ID: 16K0089-57

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.3	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 7:57	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 203A - Westwall, Right Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-BFC-203A-59 Sampled: 9/28/2016 05:35

Sample ID: 16K0089-58

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	37	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 8:00	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: 203 - Westwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-CFC-203-60 Sampled: 9/28/2016 05:36

Sample ID: 16K0089-59

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	38	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 8:04	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: A202 - Eastwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-DW-A202-61 Sampled: 9/28/2016 05:38

Sample ID: 16K0089-60

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	14	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 8:07	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: KenTon CSD- Lindbergh Element Sample Description: A204 - Northwall Work Order: 16K0089

Date Received: 11/2/2016

Field Sample #: LE-DW-A204-62 Sampled: 9/28/2016 05:40

Sample ID: 16K0089-61

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
# Lead	19	0.50	15	µg/L	1		EPA 200.8	11/3/16	11/4/16 6:25	MJH

con-test® ANALYTICAL LABORATORY
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Sample Extraction Data

Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16K0089-01 [LE-KFC-Kitchen-01]	B162372	10.0	10.0	11/03/16
16K0089-02 [LE-KFC-Kitchen-02]	B162372	10.0	10.0	11/03/16
16K0089-03 [LE-KFC-Kitchen-03]	B162372	10.0	10.0	11/03/16
16K0089-04 [LE-KFC-Kitchen-04]	B162372	10.0	10.0	11/03/16
16K0089-05 [LE-KFC-Kitchen-05]	B162372	10.0	10.0	11/03/16
16K0089-06 [LE-KFC-Kitchen-06]	B162372	10.0	10.0	11/03/16
16K0089-07 [LE-KFC-Kitchen-07]	B162372	10.0	10.0	11/03/16
16K0089-08 [LE-BFC-117B-08]	B162372	10.0	10.0	11/03/16
16K0089-09 [LE-WC-115-09]	B162372	10.0	10.0	11/03/16
16K0089-10 [LE-CFC-114-10]	B162372	10.0	10.0	11/03/16
16K0089-11 [LE-CFC-113-11]	B162372	10.0	10.0	11/03/16
16K0089-12 [LE-CFC-112-12]	B162372	10.0	10.0	11/03/16
16K0089-13 [LE-BFC-121A-13]	B162372	10.0	10.0	11/03/16
16K0089-14 [LE-DW-A105-14]	B162372	10.0	10.0	11/03/16
16K0089-15 [LE-CFC-111-15]	B162372	10.0	10.0	11/03/16
16K0089-16 [LE-CFC-110-16]	B162372	10.0	10.0	11/03/16
16K0089-17 [LE-DW-109F-17]	B162372	10.0	10.0	11/03/16
16K0089-18 [LE-CFC-109F-18]	B162372	10.0	10.0	11/03/16
16K0089-19 [LE-BFC-109D-19]	B162372	10.0	10.0	11/03/16
16K0089-20 [LE-BFC-109D-20]	B162372	10.0	10.0	11/03/16

Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16K0089-21 [LE-CFC-108-21]	B162380	10.0	10.0	11/03/16
16K0089-22 [LE-CFC-107-22]	B162380	10.0	10.0	11/03/16
16K0089-23 [LE-DW-A104-23]	B162380	10.0	10.0	11/03/16
16K0089-24 [LE-CFC-106-24]	B162380	10.0	10.0	11/03/16
16K0089-25 [LE-BFC-129B-25]	B162380	10.0	10.0	11/03/16
16K0089-26 [LE-BFC-105A-26]	B162380	10.0	10.0	11/03/16
16K0089-27 [LE-BFC-104A-27]	B162380	10.0	10.0	11/03/16
16K0089-28 [LE-DW-A102-28]	B162380	10.0	10.0	11/03/16
16K0089-29 [LE-DW-103A-29]	B162380	10.0	10.0	11/03/16
16K0089-30 [LE-BFC-103A-30]	B162380	10.0	10.0	11/03/16
16K0089-31 [LE-DW-119F-31]	B162380	10.0	10.0	11/03/16
16K0089-32 [LE-CFC-102-32]	B162380	10.0	10.0	11/03/16
16K0089-33 [LE-CFC-101-33]	B162380	10.0	10.0	11/03/16
16K0089-34 [LE-CSC-125-34]	B162380	10.0	10.0	11/03/16
16K0089-35 [LE-BFC-125-35]	B162380	10.0	10.0	11/03/16
16K0089-36 [LE-BFC-125-36]	B162380	10.0	10.0	11/03/16
16K0089-37 [LE-BFC-125-37]	B162380	10.0	10.0	11/03/16
16K0089-38 [LE-BFC-125-38]	B162380	10.0	10.0	11/03/16
16K0089-39 [LE-BFC-125-39]	B162380	10.0	10.0	11/03/16
16K0089-40 [LE-BFC-124A-40]	B162380	10.0	10.0	11/03/16

Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16K0089-41 [LE-BFC-123A-41]	B162385	10.0	10.0	11/03/16
16K0089-42 [LE-CFC-123-42]	B162385	10.0	10.0	11/03/16
16K0089-43 [LE-CSC-122-43]	B162385	10.0	10.0	11/03/16
16K0089-44 [LE-BFC-122-44]	B162385	10.0	10.0	11/03/16
16K0089-45 [LE-BFC-122-45]	B162385	10.0	10.0	11/03/16

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Sample Extraction Data

Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16K0089-46 [LE-DW-A205-46]	B162385	10.0	10.0	11/03/16
16K0089-47 [LE-BFC-225-47]	B162385	10.0	10.0	11/03/16
16K0089-48 [LE-CSC-226-48]	B162385	10.0	10.0	11/03/16
16K0089-49 [LE-BFC-226-49]	B162385	10.0	10.0	11/03/16
16K0089-50 [LE-BFC-226-50]	B162385	10.0	10.0	11/03/16
16K0089-51 [LE-BFC-227C-51]	B162385	10.0	10.0	11/03/16
16K0089-52 [LE-BFC-227D-52]	B162385	10.0	10.0	11/03/16
16K0089-53 [LE-CSC-228-53]	B162385	10.0	10.0	11/03/16
16K0089-54 [LE-BFC-228-54]	B162385	10.0	10.0	11/03/16
16K0089-55 [LE-BFC-228-55]	B162385	10.0	10.0	11/03/16
16K0089-56 [LE-BFC-228-56]	B162385	10.0	10.0	11/03/16
16K0089-57 [LE-BFC-228-57]	B162385	10.0	10.0	11/03/16
16K0089-58 [LE-BFC-203A-59]	B162385	10.0	10.0	11/03/16
16K0089-59 [LE-CFC-203-60]	B162385	10.0	10.0	11/03/16
16K0089-60 [LE-DW-A202-61]	B162385	10.0	10.0	11/03/16

Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16K0089-61 [LE-DW-A204-62]	B162389	10.0	10.0	11/03/16

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B162372 - EPA 200.8										
Blank (B162372-BLK1)				Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	ND	0.50	µg/L							
LCS (B162372-BS1)				Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	41.0	0.50	µg/L	40.0		102	85-115			
Duplicate (B162372-DUP1)	**Source: 16K0089-01**			Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	12.9	0.50	µg/L		12.9			0.0189	20	
Duplicate (B162372-DUP2)	**Source: 16K0089-02**			Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	17.1	0.50	µg/L		16.6			3.04	20	
Matrix Spike (B162372-MS1)	**Source: 16K0089-01**			Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	39.3	0.62	µg/L	25.0	12.9	106	70-130			
Matrix Spike (B162372-MS2)	**Source: 16K0089-02**			Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	42.5	0.62	µg/L	25.0	16.6	104	70-130			
Batch B162380 - EPA 200.8										
Blank (B162380-BLK1)				Prepared: 11/03/16 Analyzed: 11/07/16						
Lead	ND	0.50	µg/L							
LCS (B162380-BS1)				Prepared: 11/03/16 Analyzed: 11/07/16						
Lead	39.0	0.50	µg/L	40.0		97.6	85-115			
Duplicate (B162380-DUP1)	**Source: 16K0089-21**			Prepared: 11/03/16 Analyzed: 11/07/16						
Lead	65.5	0.50	µg/L		65.7			0.324	20	
Duplicate (B162380-DUP2)	**Source: 16K0089-22**			Prepared: 11/03/16 Analyzed: 11/07/16						
Lead	32.8	0.50	µg/L		30.7			6.41	20	
Matrix Spike (B162380-MS1)	**Source: 16K0089-21**			Prepared: 11/03/16 Analyzed: 11/07/16						
Lead	91.6	0.62	µg/L	25.0	65.7	103	70-130			
Matrix Spike (B162380-MS2)	**Source: 16K0089-22**			Prepared: 11/03/16 Analyzed: 11/07/16						
Lead	55.7	0.62	µg/L	25.0	30.7	100	70-130			
Batch B162385 - EPA 200.8										
Blank (B162385-BLK1)				Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	ND	0.50	µg/L							

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B162385 - EPA 200.8										
LCS (B162385-BS1)				Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	41.0	0.50	µg/L	40.0		102	85-115			
Duplicate (B162385-DUP1)		**Source: 16K0089-41**		Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	3.46	0.50	µg/L		3.47			0.527	20	
Duplicate (B162385-DUP2)		**Source: 16K0089-42**		Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	11.5	0.50	µg/L		11.6			1.00	20	
Matrix Spike (B162385-MS1)		**Source: 16K0089-41**		Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	28.8	0.62	µg/L	25.0	3.47	101	70-130			
Matrix Spike (B162385-MS2)		**Source: 16K0089-42**		Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	37.9	0.62	µg/L	25.0	11.6	105	70-130			
Batch B162389 - EPA 200.8										
Blank (B162389-BLK1)				Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	ND	0.50	µg/L							
LCS (B162389-BS1)				Prepared: 11/03/16 Analyzed: 11/04/16						
Lead	41.0	0.50	µg/L	40.0		102	85-115			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level

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

No results have been blank subtracted unless specified in the case narrative section.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 200.8 in Drinking Water	
Lead	NH,NY,MA,CT,RI,ME,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2017
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2017
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2017
RI	Rhode Island Department of Health	LAO00112	12/30/2016
NC	North Carolina Div. of Water Quality	652	12/31/2016
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2017
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2016
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017

ENVIRONMENTAL HAZARDS SERVICES, LLC

Lead in Water Chain-of-Custody Form

(For Multi-Sample Projects)

Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907

ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com

EMAILED

10/07/16 eeA

2083826

Analysis By: National Testing Laboratories, Ltd. — Quality Water Analysis

~ For Lab Use Only ~

16K00089

Company Name: Sienna Environmental Technologies Account #: 33-5983

Address: 350 Elmwood Ave. City/State/Zip: Buffalo, NY 14222

Phone: 716-332-3134 Email: labresults@siennaet.com Fax: 716-332-3136

Project Name / Collection Address: KenTon CSD- Lindbergh Elementary (Required) City/State: Tonawanda, NY (Required) Zip: 14150

Age of Property: _____ Well Tag # (If Applicable): _____ Collected by: Randall Bauer Certification #: _____

SET #: 2845-K Relinquished by: Randall Bauer Signature: _____ Date: 9 / 28 / 2016

TURNAROUND TIMES: 4 – 5 Days Every effort will be made to meet specified turnaround time. However due to increased water sampling across the nation, turnaround times will vary.

Reporting Format: ○ Individual ◉ All

No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals: 200.8 Lead	Metals: Copper	Metals: Other	Field Parameters: Field pH at time of Collection:	Field Parameters: Temp. at time of Collection:	LAB USE: Temp at Time of Receipt:
01	01 LE-KFC-Kitchen-01	Kitchen - Eastwall	09/28/2016	0408 AM/PM	✓				74	2599
02	02 LE-KFC-Kitchen-02	Kitchen - Northwall, Right	09/28/2016	0408 AM/PM	✓					600
03	03 LE-KFC-Kitchen-03	Kitchen - Northwall, Middle	09/28/2016	0410 AM/PM	✓					601
04	04 LE-KFC-Kitchen-04	Kitchen - Northwall, Left	09/28/2016	0410 AM/PM	✓					602
05	05 LE-KFC-Kitchen-05	Kitchen - Center Island	09/28/2016	0412 AM/PM	✓					603
06	06 LE-KFC-Kitchen-06	Kitchen - Westwall, Right	09/28/2016	0413 AM/PM	✓					604
07	07 LE-KFC-Kitchen-07	Kitchen - Westwall, Left	09/28/2016	0414 AM/PM	✓					605
08	08 LE-BFC-117B-08	117B - Westwall	09/28/2016	0415 AM/PM	✓					606
09	09 LE-WC-115-09	115 - Northwall	09/28/2016	0417 AM/PM	✓					607
10	10 LE-CFC-114-10	114 - South wall	09/28/2016	0421 AM/PM	✓				74	2608

Received By: D Freeman

Date: 9/30/16 Time: 0920 Temp. Received: —

Shipping Tracking #: 125F60079043248328

Page 1 of 1

Ben Trust 11/2/16 1303 20.1C

PLEASE SEND WATER KIT SAMPLES TO THE FOLLOWING ADDRESS:

556 S. Mansfield St.

Ypsilanti, MI 48197

All Samples Except for Lead /Metals Must Be Shipped On Ice Via Overnight Shipping

NTL Lab ID Number

Table of Contents

ENVIRONMENTAL HAZARDS SERVICES, LLC

Lead in Water Chain-of-Custody Form

(For Multi-Sample Projects)

EMAILED

Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907

ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com OCT 07 2016

10/07/16 JCA

2083826

Analysis By: National Testing Laboratories, Ltd. — Quality Water Analysis

~ For Lab Use Only ~

16K00089

Company Name: Sienna Environmental Technologies Account #: 33-5983

Address: 350 Elmwood Ave. City/State/Zip: Buffalo, NY 14222

Phone: 716-332-3134 Email: labresults@siennaet.com Fax: 716-332-3136

Project Name / Collection Address: KenTon CSD- Lindbergh Elementary (Required) City/State: Tonawanda, NY (Required) Zip: 14150

Age of Property: _____ Well Tag # (If Applicable): _____ Collected by: Randall Bower Certification #: _____

SET #: 2845-K Relinquished by: Randall Bower Signature: _____ Date: 9/28/2016

TURNAROUND TIMES: 4 – 5 Days Every effort will be made to meet specified turnaround time. However due to increased water sampling across the nation, turnaround times will vary.

Reporting Format: ○ Individual ◉ All

	No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals: 200.8 Lead	Metals: Copper	Metals: Other	Field Parameters: Field pH at time of Collection:	Field Parameters: Temp. at time of Collection:	LAB USE: Temp at Time of Receipt:
11	1	LE-CFC-113-11	113-Southwall	09/28/2016	0424 AM/PM	✓				74	2609
12	2	LE-CFC-112-12	112-Eastwall	09/28/2016	0426 AM/PM	✓					610
13	3	LE-BFC-121A-13	121A-westwall	09/28/2016	0428 AM/PM	✓					611
14	4	LE-DW-A105-14	A105-westwall	09/28/2016	0430 AM/PM	✓					612
15	5	LE-CFC-111-15	111-Eastwall	09/28/2016	0431 AM/PM	✓					613
16	6	LE-CFC-110-16	110-Eastwall	09/28/2016	0432 AM/PM	✓					614
17	7	LE-DW-109F-17	109F-Eastwall, Right	09/28/2016	0434 AM/PM	✓					615
18	8	LE-CFC-109F-18	109F-Eastwall, Left	09/28/2016	0434 AM/PM	✓					616
19	9	LE-BFC-109D-19	109D-Eastwall, Left	09/28/2016	0436 AM/PM	✓					617
20	10	LE-BFC-109D-20	109D-Eastwall, Right	09/28/2016	0436 AM/PM	✓				74	618

Received By: D Freeman

Date: DF 10/9-30-16 Time: 0926 Temp. Received: _____

Shipping Tracking #: 1Z5F6004904324832 8

Page 2 of 7

Rec Inst 11/2/16 1303 20.1C

PLEASE SEND WATER KIT SAMPLES TO THE FOLLOWING ADDRESS:

556 S. Mansfield St.

Ypsilanti, MI 48197

All Samples Except for Lead /Metals Must Be Shipped On Ice Via Overnight Shipping

NTL Lab ID Number

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ENVIRONMENTAL HAZARDS SERVICES, LLC

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Analysis By: National Testing Laboratories, Ltd. Quality Water Analysis

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16K0089

Company Name: Sienna Environmental Technologies Account #: 33-5983

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Project Name / Collection Address: KenTon CSD- Lindbergh Elementary (Required) City/State: Tonawanda, NY (Required) Zip: 14150

Age of Property: _____ Well Tag # (If Applicable): _____ Collected by: Randall Baker Certification #: _____

SET #: 2845-K Relinquished by: Randall Baker Signature: _____ Date: 9 / 28 / 2016

TURNAROUND TIMES: 4 – 5 Days Every effort will be made to meet specified turnaround time. However due to increased water sampling across the nation, turnaround times will vary.

Reporting Format: ○ Individual ◉ All

	No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals: 200.8 Lead	Metals: Copper	Metals: Other	Field Parameters: Field pH at time of Collection:	Field Parameters: Temp. at time of Collection:	LAB USE: Temp at Time of Receipt:
21	21	LE-CFC-108-21	108, Northmall	09/28/2016	✓ 0438 AM/PM	✓					742619 ✓
22	22	LE-CFC-107-22	107, Northmall	09/28/2016	✓ 0440 AM/PM	✓					620 ✓
23	23	LE-DW-A104-23	A104, Northmall	09/28/2016	✓ 0441 AM/PM	✓					621 ✓
24	24	LE-CFC-106-24	106, Northmall	09/28/2016	✓ 0444 AM/PM	✓					622 ✓
25	25	LE-BFC-129B-25	129B, westmall	09/28/2016	✓ 0446 AM/PM	✓					623 ✓
26	26	LE-BFC-105A-26	105A, Southmall	09/28/2016	✓ 0448 AM/PM	✓					624 ✓
27	27	LE-BFC-104A-27	104A, Southmall	09/28/2016	✓ 0450 AM/PM	✓					625 ✓
28	28	LE-DW-A102-28	A102- Eastmall	09/28/2016	✓ 0453 AM/PM	✓					626 ✓
29	29	LE-DW-103A-29	103A, Southmall Left	09/28/2016	✓ 0455 AM/PM	✓					627 ✓
30	30	LE-BFC-103A-30	103A, Southmall Right	09/28/2016	✓ 0455 AM/PM	✓					742628 ✓

Received By: D Freeman

Date: 9/30/16 Time: 0920 Temp. Received: -

Shipping Tracking #: 1Z5F60049043248328

Page 3 of 7

PLEASE SEND WATER KIT SAMPLES TO THE FOLLOWING ADDRESS:

556 S. Mansfield St.

Ypsilanti, MI 48197

All Samples Except for Lead /Metals Must Be Shipped On Ice Via Overnight Shipping

Ken Trust 11/2/16 1303 20.1°C

NTL Lab ID Number

Table of Contents

10/07/16

ENVIRONMENTAL HAZARDS SERVICES, LLC

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Analysis By: National Testing Laboratories, Ltd. Quality Water Analysis

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16K00089

Company Name: Sienna Environmental Technologies Account #: 33-5983

Address: 350 Elmwood Ave. City/State/Zip: Buffalo, NY 14222

Phone: 716-332-3134 Email: labresults@siennaet.com Fax: 716-332-3136

Project Name / Collection Address: KenTon CSD- Lindbergh Elementary (Required) City/State: Tonawanda, NY (Required) Zip: 14150

Age of Property: _____ Well Tag # (If Applicable): _____ Collected by: Randall Bauer Certification #: _____

SET #: 2845-K Relinquished by: Randall Bauer Signature: _____ Date: 9/28/2016

TURNAROUND TIMES: 4 – 5 Days Every effort will be made to meet specified turnaround time. However due to increased water sampling across the nation, turnaround times will vary.

Reporting Format: ○ Individual ◉ All

	No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals: 200.8 Lead	Metals: Copper	Metals: Other	Field Parameters: Field pH at time of Collection:	Field Parameters: Temp. at time of Collection:	LAB USE: Temp at Time of Receipt:
31	31	✓LE- DW-119F-31	119F - SW Corner	09/28/2016	✓ 0457 AM/PM	✓				742	629 ✓
32	32	✓LE- CFC-102-32	102 - West wall	09/28/2016	✓ 0458 AM/PM	✓					630 ✓
33	33	✓LE- CFC-101-33	101 - West wall	09/28/2016	✓ 0500 AM/PM	✓					631 ✓
34	34	✓LE- CSC-125-34	125- East wall, Right	09/28/2016	✓ 0502 AM/PM	✓					632 ✓
35	35	✓LE- BFC-125-35	125 - North wall	09/28/2016	✓ 0503 AM/PM	✓					633 ✓
36	36	✓LE- BFC-125-36	125 - East wall, Left	09/28/2016	✓ 0504 AM/PM	✓					634 ✓
37	37	✓LE- BFC-125-37	125- East wall, Right	09/28/2016	✓ 0504 AM/PM	✓					635 ✓
38	38	✓LE- BFC-125-38	125 - West wall, Left	09/28/2016	✓ 0505 AM/PM	✓					636 ✓
39	39	✓LE- BFC-125-39	125- West wall, Right	09/28/2016	✓ 0505 AM/PM	✓					637 ✓
40	40	✓LE- BFC-124A-40	124A - West wall	09/28/2016	✓ 0507 AM/PM	✓				742	638 ✓

Received By: D. Freeman

Date: 9/30/16 Time: 0926 Temp. Received: -

Shipping Tracking #: 125F60049043439130

Page 4 of 7

PLEASE SEND WATER KIT SAMPLES TO THE FOLLOWING ADDRESS:

556 S. Mansfield St.

Ypsilanti, MI 48197

All Samples Except for Lead /Metals Must Be Shipped On Ice Via Overnight Shipping

Fed Ex 11/2/16 1303 20.1°C

NTL Lab ID Number

Table of Contents

2083826 10/07/16 SA

ENVIRONMENTAL HAZARDS SERVICES, LLC

Lead in Water Chain-of-Custody Form

(For Multi-Sample Projects)

Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907

ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com

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EHS Laboratories™

Analysis By: National Testing Laboratories, Ltd. — Quality Water Analysis

~ For Lab Use Only ~

16K00089

Company Name: Sienna Environmental Technologies Account #: 33-5983

Address: 350 Elmwood Ave. City/State/Zip: Buffalo, NY 14222

Phone: 716-332-3134 Email: labresults@siennaet.com Fax: 716-332-3136

Project Name / Collection Address: KenTon CSD- Lindbergh Elementary (Required) City/State: Tonawanda, NY (Required) Zip: 14150

Age of Property: _____ Well Tag # (If Applicable): _____ Collected by: Randall/Baner Certification #: _____

SET #: 2845-K Relinquished by: Randall/Baner Signature: _____ Date: 9 / 28 / 2016

TURNAROUND TIMES: 4 – 5 Days Every effort will be made to meet specified turnaround time. However due to increased water sampling across the nation, turnaround times will vary.

Reporting Format: ○ Individual ◉ All

	No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals: 200.8 Lead	Metals: Copper	Metals: Other	Field Parameters: Field pH at time of Collection:	Field Parameters: Temp. at time of Collection:	LAB USE: Temp at Time of Receipt:
41	41	✓LE-BFC-123A-41	123A - westwall	09/28/2016	✓ 0510 AM/PM	✓				742639 ✓	
42	42	✓LE-CFC-123-42	123 - westwall	09/28/2016	✓ 0511 AM/PM	✓					640 ✓
43	43	✓LE-CSC-122-43	122 - westwall, Left	09/28/2016	✓ 0512 AM/PM	✓					641 ✓
44	44	✓LE-BFC-122-44	122 - westwall, Middle	09/28/2016	✓ 0513 AM/PM	✓					642 ✓
45	45	✓LE-BFC-122-45	122 - Westwall, Right	09/28/2016	✓ 0513 AM/PM	✓					643 ✓
46	46	✓LE-DW-A205-46	A205 - Westwall	09/28/2016	✓ 0517 AM/PM	✓					644 ✓
47	47	✓LE-BFC-225-47	225 - Eastwall	09/28/2016	✓ 0518 AM/PM	✓					645 ✓
48	48	✓LE-CSC-226-48	226 - Westwall	09/28/2016	✓ 0520 AM/PM	✓					646 ✓
49	49	✓LE-BFC-226-49	226 - Eastwall, Left	09/28/2016	✓ 0521 AM/PM	✓					647 ✓
50	50	✓LE-BFC-226-50	226 - Eastwall, Right	09/28/2016	✓ 0521 AM/PM	✓				742	648 ✓

Received By: D. Freeman

Date: 9/30/16 Time: 0920 Temp. Received: -

Shipping Tracking #: 125F60049043439130

Page 5 of 7

PLEASE SEND WATER KIT SAMPLES TO THE FOLLOWING ADDRESS:
556 S. Mansfield St.
Ypsilanti, MI 48197

All Samples Except for Lead /Metals Must Be Shipped On Ice Via Overnight Shipping

Pwr Test 11/2/16 1303 20.1°C

NTL Lab ID Number

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10/07/16

ENVIRONMENTAL HAZARDS SERVICES, LLC

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EMAILED OCT 07 2016

2083826

Analysis By:

National Testing Laboratories, Ltd.

Quality Water Analysis

~ For Lab Use Only ~

16K0089

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Age of Property: _____ Well Tag # (If Applicable): _____ Collected by: Randall Baker Certification #: _____

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No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals: 200.8 Lead	Metals: Copper	Metals: Other	Field Parameters: Field pH at time of Collection:	Field Parameters: Temp. at time of Collection:	LAB USE: Temp at Time of Receipt:
51	51 LE- BFC-227C-51	227C - Westwall	09/28/2016	0524 AM/PM	✓			7.42	6.49	6.39 DF ✓
52	52 LE- BFC-227D-52	227D - Northwall	09/28/2016	0525 AM/PM	✓				6.50	✓
53	53 LE-CSC-228-53	228 - Eastwall, Right	09/28/2016	0528 AM/PM	✓				6.51	✓
54	54 LE- BFC-228-54	228 - Westwall, Left	09/28/2016	0529 AM/PM	✓				6.52	✓
55	55 LE- BFC-228-55	228 - Westwall, Right	09/28/2016	0529 AM/PM	✓				6.53	✓
56	56 LE- BFC-228-56	228- East wall, Left	09/28/2016	0530 AM/PM	✓				6.54	✓
57	57 LE- BFC-228-57	228- Eastwall, Middle	09/28/2016	0530 AM/PM	✓				6.55	✓
~~58~~	~~58 LE-~~	~~Not Sampled~~	~~09/28/2016~~	AM/PM	✓					
58	59 LE-BFC-203A-59	203A - Westwall, Right	09/28/2016	0535 AM/PM	✓				6.56	✓
59	60 LE-CFC-203-60	203 - Westwall	09/28/2016	0536 AM/PM	✓			7.42	6.57	✓

Received By: B Freeman

Date: 9/30/16 Time: 0920 Temp. Received: -

Shipping Tracking #: 1Z5F60079043439130

Page 6 of 7

PLEASE SEND WATER KIT SAMPLES TO THE FOLLOWING ADDRESS:

556 S. Mansfield St.

Ypsilanti, MI 48197

All Samples Except for Lead /Metals Must Be Shipped On Ice Via Overnight Shipping

Fed Ex 11/2/16 1303 20.1°

NTL Lab ID Number

Table of Contents

10/07/16

ENVIRONMENTAL HAZARDS SERVICES, LLC

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ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com

EMAILED

OCT 07 2016

2083826

Analysis By:

National Testing Laboratories, Ltd.

Quality Water Analysis

~ For Lab Use Only ~

16K0089

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No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals: 200.8 Lead	Metals: Copper	Metals: Other	Field Parameters: Field pH at time of Collection:	Field Parameters: Temp. at time of Collection:	LAB USE: Temp at Time of Receipt:
60 61	LE- DW-A202-61	A202 - Eastwall	09/28/2016	✓ 0538 AM/PM	✓				742658	✓
61 62	LE- DW-A204-62	A204 - Northwall	09/28/2016	✓ 0540 AM/PM	✓				742659	✓
3	LE-		09/28/2016	AM / PM	✓					
4	LE-		09/28/2016	AM / PM	✓					
5	LE-		09/28/2016	AM / PM	✓					
6	LE-		09/28/2016	AM / PM	✓					
7	LE-		09/28/2016	AM / PM	✓					
8	LE-		09/28/2016	AM / PM	✓					
9	LE-		09/28/2016	AM / PM	✓					
10	LE-		09/28/2016	AM / PM	✓					

Received By: D. Freeman

Date: 9/30/16 Time: 0920 Temp. Received: —

Shipping Tracking #: 1Z5F60079043439130

Page 7 of 7

PLEASE SEND WATER KIT SAMPLES TO THE FOLLOWING ADDRESS:

556 S. Mansfield St.

Ypsilanti, MI 48197

All Samples Except for Lead /Metals Must Be Shipped On Ice Via Overnight Shipping

Blue Ice 11/2/16 1303 20.1°C

NTL Lab ID Number

Table of Contents

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: EHS **RECEIVED BY:** EB **DATE:** 11/2/16

1) **Was the chain(s) of custody relinquished and signed?** **Yes** ✓ **No** ____ **No COC Incl.**

2) **Does the chain agree with the samples?** **Yes** ✓ **No** ____
If not, explain:

3) **Are all the samples in good condition?** **Yes** ✓ **No** ____
If not, explain:

4) **How were the samples received:**

On Ice ____ Direct from Sampling ____ Ambient ✓ In Cooler(s) ____

Were the samples received in Temperature Compliance of (2-6°C)? **Yes** ____ **No** ✓ **N/A** ____

Temperature °C by Temp blank ____ Temperature °C by Temp gun 20.1

5) **Are there Dissolved samples for the lab to filter?** **Yes** ____ **No** ✓
Who was notified ____ Date ____ Time ____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** **Yes** ____ **No** ✓
Who was notified ____ Date ____ Time ____

7) **Location where samples are stored:** Log In

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: ____

8) **Do all samples have the proper Acid pH:** **Yes** ✓ **No** ____ **N/A** ____

9) **Do all samples have the proper Base pH:** **Yes** ____ **No** ____ **N/A** ✓

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** **Yes** ____ **N/A** ✓

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		16 oz amber	
500 mL Amber		8 oz amber/clear jar	
250 mL Amber (8oz amber)		4 oz amber/clear jar	
1 Liter Plastic		2 oz amber/clear jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic	~~to2~~ 61	SOC Kit	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

12 AIV 931 03 69624515

40 mL vials:	# HCl		# Methanol	Time and Date Frozen:
	# Bisulfate		# DI Water	
	# Thiosulfate		Unpreserved	

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

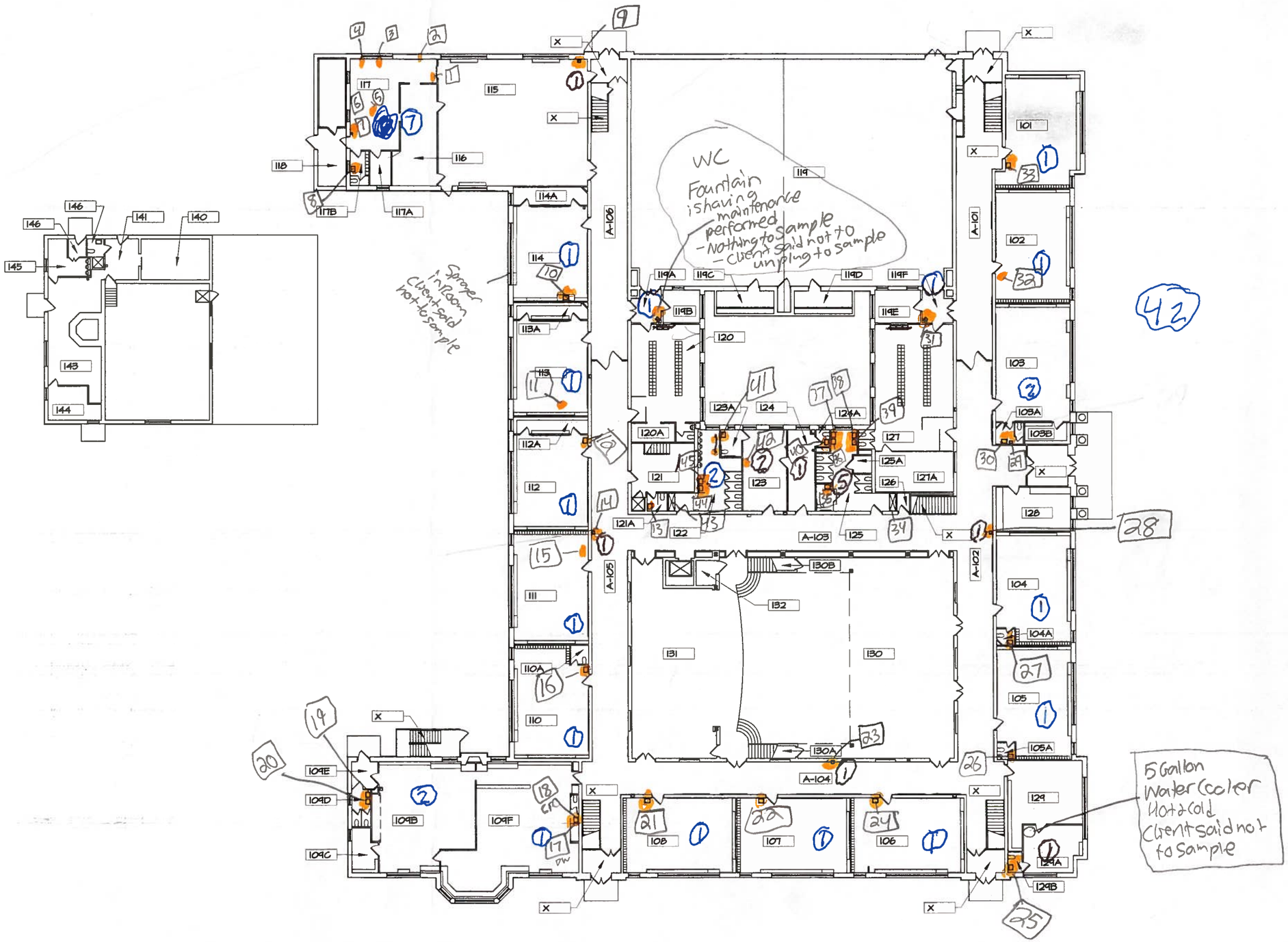
Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	N/A	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	F	
4) Cooler Temperature is acceptable.	T	Metals Analysis
5) Cooler Temperature is recorded.	T	20.1
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	N/A	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	N/A	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	N/A	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** EB **Date/Time:** 11/2/16

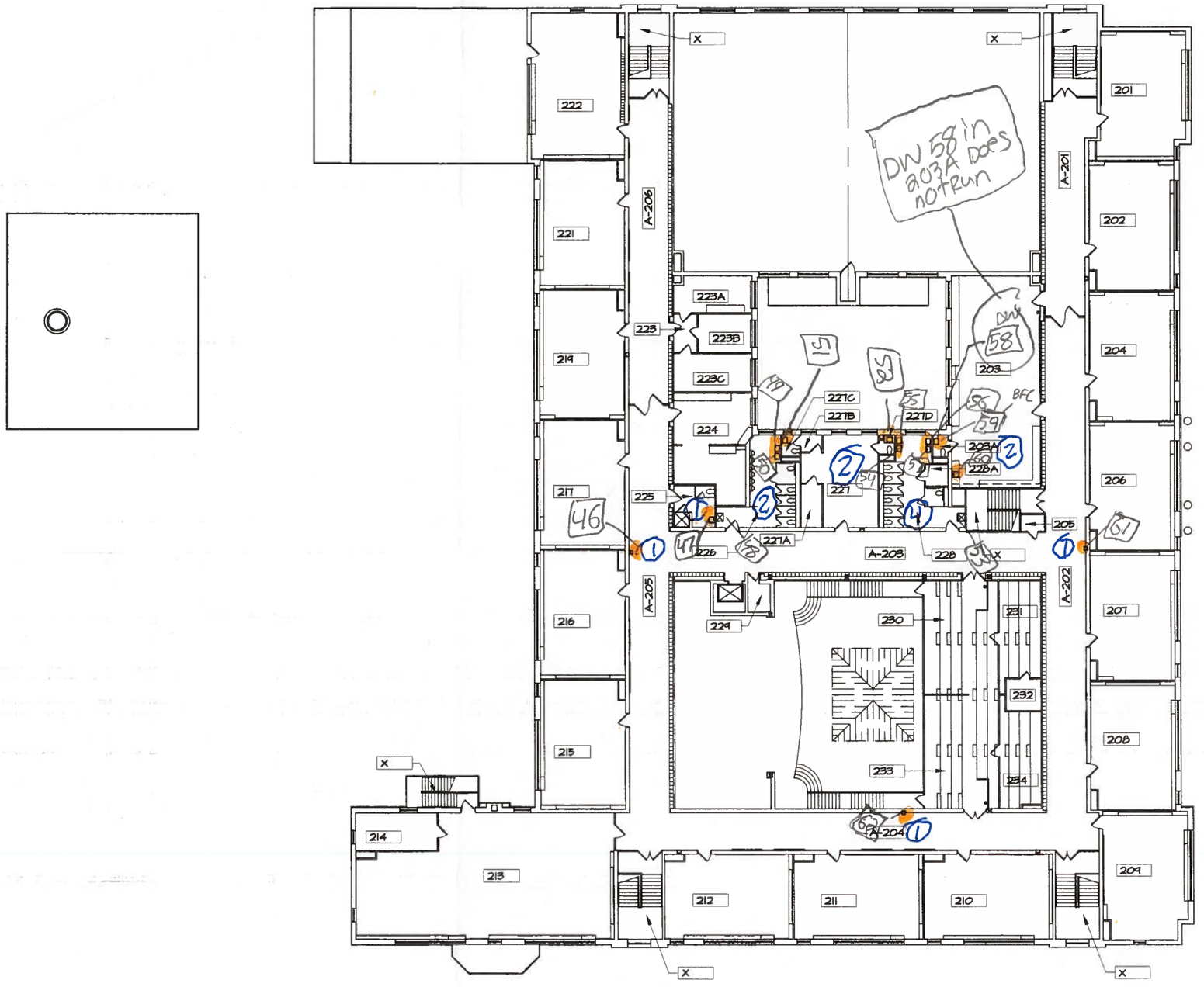
SIENNA
ENVIRONMENTAL TECHNOLOGIES

Appendix C Sample Location Maps



LINDBERGH ELEMENTARY SCHOOL: EXISTING FIRST FLOOR PLAN

SCALE: 1" = 20'-0"



LINDBERGH ELEMENTARY SCHOOL: EXISTING SECOND FLOOR PLAN

SCALE: 1" = 20'-0"

N

14

56 total

SIENNA
ENVIRONMENTAL TECHNOLOGIES

Appendix D NYCRR Title 10, Subpart 67-4

Pursuant to the authority vested in the Commissioner of Health by Public Health Law sections 1370-a and 1110, Subpart 67-4 of Title 10 (Health) of the Official Compilation of Codes, Rules and Regulations of the State of New York is added, to be effective upon filing with the Secretary of State, to read as follows:

SUBPART 67-4: Lead Testing in School Drinking Water

Section 67-4.1 Purpose.

This Subpart requires all school districts and boards of cooperative educational services, including those already classified as a public water system under 10 NYCRR Subpart 5-1, to test potable water for lead contamination and to develop and implement a lead remediation plan, where applicable.

Section 67-4.2 Definitions.

As used in this Subpart, the following terms shall have the stated meanings:

(a) *Action level* means 15 micrograms per liter (µg/L) or parts per billion (ppb). Exceedance of the action level requires a response, as set forth in this Subpart.

(b) *Building* means any structure, facility, addition, or wing of a school that may be occupied by children or students. The terms shall not include any structure, facility, addition, or wing of a school that is lead-free, as defined in section 1417 of the Federal Safe Drinking Water Act.

(c) *Commissioner* means the State Commissioner of Health.

(d) *Department* means the New York State Department of Health.

(e) *Outlet* means a potable water fixture currently or potentially used for drinking or cooking purposes, including but not limited to a bubbler, drinking fountain, or faucets.

(f) *Potable water* means water that meets the requirements of 10 NYCRR Subpart 5-1.

(g) *School* means any school district or board of cooperative educational services (BOCES).

Section 67-4.3 Monitoring.

(a) All schools shall test potable water for lead contamination as required in this Subpart.

(b) First-draw samples shall be collected from all outlets, as defined in this Subpart. A first-draw sample volume shall be 250 milliliters (mL), collected from a cold water outlet before any water is used. The water shall be motionless in the pipes for a minimum of 8 hours, but not more than

18 hours, before sample collection. First-draw samples shall be collected pursuant to such other specifications as the Department may determine appropriate.

(c) Initial first-draw samples.

(1) For existing buildings in service as of the effective date of this regulation, schools shall complete collection of initial first-draw samples according to the following schedule:

(i) for any school serving children in any of the levels prekindergarten through grade five, collection of samples is to be completed by September 30, 2016;

(ii) for any school serving children in any of the levels grades six through twelve that are not also serving students in any of the levels prekindergarten through grade five, and all other applicable buildings, collection of samples is to be completed by October 31, 2016.

(2) For buildings put into service after the effective date of this regulation, initial first-draw samples shall be performed prior to occupancy; provided that if the building is put into service between the effective date of this regulation but before October 31, 2016, the school shall have 30 days to perform first-draw sampling.

(3) Any first-draw sampling conducted consistent with this Subpart that occurred after January 1, 2015 shall satisfy the initial first-draw sampling requirement.

(d) Continued monitoring. Schools shall collect first-draw samples in accordance with subdivision (b) of this section again in 2020 or at an earlier time as determined by the commissioner. Schools shall continue to collect first-draw samples at least every 5 years thereafter or at an earlier time as determined by the commissioner.

(e) All first-draw samples shall be analyzed by a laboratory approved to perform such analyses by the Department's Environmental Laboratory Approval Program (ELAP).

Section 67-4.4 Response.

If the lead concentration of water at an outlet exceeds the action level, the school shall:

(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; and, for results of tests performed prior to the effective date of this Subpart, within 10 business days of this regulation's effective date, unless such written notification has already occurred.

Section 67-4.5 Public Notification.

(a) List of lead-free buildings. By October 31, 2016, the school shall make available on its website a list of all buildings that are determined to be lead-free, as defined in section 1417 of the Federal Safe Drinking Water Act.

(b) Public notification of testing results and remediation plans.

(1) The school shall make available, on the school's website, the results of all lead testing performed and lead remediation plans implemented pursuant to this Subpart, as soon as practicable, but no more than 6 weeks after the school received the laboratory reports.

(2) For schools that received lead testing results and implemented lead remediation plans in a manner consistent with this Subpart, but prior to the effective date of this Subpart, the school shall make available such information, on the school's website, as soon as practicable, but no more than 6 weeks after the effective date of this Subpart.

Section 67-4.6 Reporting.

(a) As soon as practicable but no later than November 11, 2016, the school shall report to the Department, local health department, and State Education Department, through the Department's designated statewide electronic reporting system:

(1) completion of all required first-draw sampling;

(2) for any outlets that were tested prior to the effective date of this regulation, and for which the school wishes to assert that such testing was in substantial compliance with this Subpart, an attestation that:

(i) the school conducted testing that substantially complied with the testing requirements of this Subpart, consistent with guidance issued by the Department;

(2) any needed remediation, including re-testing, has been performed;

(3) the lead level in the potable water of the applicable building(s) is currently below the action level; and

(4) the school has submitted a waiver request to the local health department, in accordance with Section 67-4.8 of this Subpart; and

(3) a list of all buildings that are determined to be lead-free, as defined in section 1417 of the Federal Safe Drinking Water Act.

(b) As soon as practicable, but no more than 10 business days after the school received the laboratory reports, the school shall report data relating to test results to the Department, local health department, and State Education Department, through the Department's designated statewide electronic reporting system.

Section 67-4.7 Recordkeeping.

The school shall retain all records of test results, lead remediation plans, determinations that a building is lead-free, and waiver requests, for ten years following the creation of such documentation. Copies of such documentation shall be immediately provided to the Department, local health department, or State Education Department, upon request.

Section 67-4.8 Waivers.

(a) A school may apply to the local health department for a waiver from the testing requirements of this Subpart, for a specific school, building, or buildings, by demonstrating in a manner and pursuant to standards determined by the Department, that:

(1) prior to the publication date of these regulations, the school conducted testing that substantially complied with the testing requirements of this Subpart;

(2) any needed remediation, including re-testing, has been performed; and

(3) the lead level in the potable water of the applicable building(s) is currently below the action level.

(b) Local health departments shall review applications for waivers for compliance with the standards determined by the Department. If the local health department recommends approval of the waiver, the local health department shall send its recommendation to the Department, and the Department shall determine whether the waiver shall be issued.

Section 67-4.9 Enforcement.

(a) Upon reasonable notice to the school, an officer or employee of the Department or local health department may enter any building for the purposes of determining compliance with this Subpart.

(b) Where a school does not comply with the requirements of this Subpart, the Department or local health department may take any action authorized by law, including but not limited to assessment of civil penalties as provided by law.

REGULATORY IMPACT STATEMENT

Statutory Authority:

The statutory authorities for the proposed regulation are set forth in Public Health Law §§ 1110 and 1370-a. Section 1110 of the PHL directs the Department of Health (Department) to promulgate regulations regarding the testing of potable water provided by school districts and boards of cooperative education services (BOCES) (collectively, "schools") for lead contamination. Section 1370-a of the PHL authorizes the Department to establish programs and coordinate activities to prevent lead poisoning and to minimize the risk of exposure to lead.

Legislative Objective:

The legislative objective of PHL § 1110 is to protect children by requiring schools to test their potable water systems for lead contamination. Similarly, PHL § 1370-a authorizes the Department to establish programs and coordinate activities to prevent lead poisoning and to minimize the risk of exposure to lead. Consistent with these objectives, this regulation adds a new Subpart 67-4 to title 10 of the New York Codes, Rules, and Regulations, establishing requirements for schools to test their potable water outlets for lead contamination.

Needs and Benefits:

Lead is a toxic material that is harmful to human health if ingested or inhaled.

Children and pregnant women are at the greatest risk from lead exposure. Scientists have linked lead exposure with lowered IQ and behavior problems in children. It is also possible for lead to

be stored in bones and it can be released into the bloodstream later in life, including during pregnancy. Further, during pregnancy, lead in the mother's bloodstream can cross the placenta, which can result in premature birth and low birth weight, as well as problems with brain, kidney, or nervous system development, and learning and behavior problems. Studies have also shown that low levels of lead can negatively affect adults, leading to heart and kidney problems, as well as high blood pressure and nervous system disorders.

Lead is a common metal found in the environment. The primary source of lead exposure for most children is lead-based paint. However, drinking water is another source of lead exposure due to the lead content of certain plumbing materials and source water.

Laws now limit the amount of lead in new plumbing materials. However, plumbing materials installed prior to 1986 may contain significant amounts of lead. In 1986, the federal government required that only "lead-free" materials be used in new plumbing and plumbing fixtures. Although this was a vast improvement, the law still allowed certain fixtures with up to 8 percent lead to be labeled as "lead free." In 2011, amendments to the Safe Drinking Water Act appropriately re-defined the definition of "lead-free." Although federal law now appropriately defines "lead-free," some older fixtures can still leach lead into drinking water.

Elevated lead levels are commonly found in the drinking water of school buildings, due to older plumbing and fixtures and intermittent water use patterns. Currently, only schools that have their own public water systems are required to test for lead contamination in drinking water.

In the absence of federal regulations governing all schools, the Department's regulations require all schools to monitor their potable drinking water for lead. The new regulations: establish an action level of 15 micrograms per liter (equivalent to parts per billion, or ppb) for lead in the drinking water of school buildings; establish initial and future monitoring requirements; require schools to develop remedial action plans if the action level is exceeded at any potable water outlet; conduct public notification of results to the school community; and report results to the Department. The Environmental Protection Agency's "3Ts for Reducing Lead in Drinking Water in Schools, Revised Technical Guidance" will be used as a technical reference for implementation of the regulation.

Compliance Costs:

Costs to Private Regulated Parties:

These regulations only applies to public schools. No private schools are affected.

Costs to State Government and Local Government

These regulations applies to schools, which are a form of local government. There are approximately 733 school districts and 37 BOCES in New York State, which include over 5,000 school buildings that will be subject to this regulation.

The regulations require schools to test each potable water outlet for lead, in each school building occupied by children, unless the building is determined to be lead-free pursuant to federal standards. The cost for a single lead analysis ranges from $20 - $75 per sample. Initial monitoring requires one sample per outlet. The number of outlets will vary from building to building.

If lead is detected above 15 ppb at any potable water outlet, the outlet must be taken out of service and a remedial action plan must be developed to mitigate the lead contamination, at the school's initial expense. Remediation costs can vary significantly depending on the plumbing configuration and source of lead. The school will also incur minor costs for notification of the school community and local health department, posting the information on their website, and reporting electronically to the Department. Recently enacted legislation authorizes schools to receive State Aid through the State Education Department ("SED") to defray these costs.

Local health departments will also incur some administrative costs related to tracking local implementation, reviewing waiver applications, and compliance oversight. These activities will be eligible for State Aid through the Department's General Public Health Work program.

Local Government Mandates:

Schools, as a form of local government, are required to comply with the regulations, as detailed above.

Paperwork:

The regulation imposes recordkeeping requirements related to: monitoring of potable water outlets; notifications to the public and local health department; and electronic reporting to the Department.

Duplication:

There will be no duplication of existing State or Federal regulations.

Alternatives:

There are no significant alternatives to these regulations, which are being promulgated pursuant to recent legislation.

Federal Standards:

There are no federal statutes or regulations pertaining to this matter. However, the Department's regulations are consistent with the Unites States Environmental Protection Agency's guidance document titled *3Ts for Reducing Lead in Drinking Water in Schools, Revised Technical Guidance* (available at: https://www.epa.gov/sites/production/files/2015-09/documents/toolkit_leadschools_guide_3ts_leadschools.pdf). EPA's document will serve as guidance to schools for implementing the program.

Compliance Schedule:

For existing buildings put into service as of October 31, 2016, all sampling shall be performed by October 31, 2016. The Department will publish guidance for conducting a phased approach to testing across different grade levels. For buildings put into service after October 31, 2016, sampling shall be performed prior to occupancy.

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REGULATORY FLEXIBILITY ANALYSIS FOR SMALL BUSINESS AND LOCAL GOVERNMENTS

Effect on Small Business and Local Governments:

This regulation applies to schools, which are a form of local government. As explained in the Regulatory Impact Statement, the new regulations: establish an action level of 15 micrograms per liter (equivalent to parts per billion, or ppb) for lead in the drinking water of school buildings; establish initial and future monitoring requirements; require schools to develop remedial action plans if the action level is exceeded at any potable water outlet; conduct public notification of results to the school community; and report results to the Department. The Environmental Protection Agency's *3Ts for Reducing Lead in Drinking Water in Schools, Revised Technical Guidance* will be used as a technical reference for implementation of the regulation. Local health departments will also incur some administrative costs related to tracking local implementation and oversight of the regulation.

Additionally, the regulations require the services of a laboratory certified by the Department under its Environmental Laboratory Approval Program (ELAP). Some schools may also wish to hire environmental consultants to assist with compliance. Some labs and environmental consultants qualify as small businesses and, at least initially, their services will be in greater demand due to the new regulation.

Compliance Requirements:

As noted above, the new regulations: establish an action level of 15 micrograms per liter (equivalent to parts per billion, or ppb) for lead in the drinking water in school buildings; establish initial and future monitoring requirements; require schools to develop remedial action plans if the action level is exceeded at any potable water outlet; conduct public notification of results to the school community; and requiring reporting of results to the Department.

Reporting and Recordkeeping:

The regulation will impose new monitoring, reporting, and public notification requirements for schools.

Professional Services:

As noted above, the regulations require the services of a laboratory certified by the Department under its Environmental Laboratory Approval Program (ELAP). Some schools may also wish to hire environmental consultants to assist with compliance.

Compliance Costs:

The regulation will require schools to test each potable water outlet for lead, in each school building occupied by children. The cost for a single lead analysis ranges from $20 - $75 per sample. Initial monitoring requires one sample per outlet. The number of outlets will vary from building to building.

If lead is detected above 15 ppb at any potable water outlet, the outlet must be taken out of service and a remedial action plan must be developed to mitigate the lead contamination, at the

school's expense. Remediation costs can vary significantly depending on the plumbing configuration and source of lead. The school will also incur minor costs for notification of the school community and local health department, posting the information on their website, and reporting electronically to the Department. Recently enacted legislation authorizes schools to receive State Aid through the State Education Department ("SED") to defray these costs.

Local health departments will also incur some administrative costs related to tracking local implementation, reviewing waiver applications, and compliance oversight. These activities will be eligible for State Aid through the Department's General Public Health Work program.

Cost to Private Parties:

There are no costs to private parties.

Economic and Technological Feasibility:

The technology for lead testing of drinking water is well-established. With respect to schools' costs of compliance, State Aid will be available through the State Education Department to ensure that compliance is feasible. Local health department activities will be eligible for State Aid through the Department's General Public Health Work program.

Minimizing Adverse Impact:

Any school that has already performed testing in compliance with these regulations, as far back as January 1, 2015, does not need to perform sampling again. Further, consistent with the requirements of PHL § 1110, if a school has performed testing that substantially complies with

the regulations, the school may apply to the Department for a waiver, so that additional testing is not required. In either case, the requirement to report sample results, and other requirements, remain in place.

School buildings that are determined to be "lead-free," as defined in section 1417 of the Federal Safe Drinking Water Act, do not need to test their outlets. School will be required to make available on their website a list of all buildings that are determined to be lead-free.

Small Business and Local Government Participation:

Although small businesses were not consulted on these specific regulations, the dangers of lead in school drinking water has garnered significant local, state, and national attention. The New York State School Board Association (NYSSBA) requested a meeting with the Department to discuss the impacts of the enabling legislation. NYSSBA provided feedback on testing, prior monitoring, and other matters. The Department took this feedback into consideration when drafting the regulation. The Department will also conduct public outreach, and there will be an opportunity to comment on the proposed permanent regulations. The Department will review all public comments received.

RURAL AREA FLEXIBILITY ANALYSIS

Pursuant to Section 202-bb of the State Administrative Procedure Act (SAPA), a rural area flexibility analysis is not required. These provisions apply uniformly throughout New York State, including all rural areas. The proposed rule will not impose an adverse economic impact on rural areas, nor will it impose any disproportionate reporting, recordkeeping or other compliance requirements on the regulated entities in rural areas.

JOB IMPACT STATEMENT

The Department expects there to be a positive impact on jobs or employment opportunities. Some school districts will likely hire firms or individuals to assist with regulatory compliance. Schools impacted by this amendment will require the professional services of a certified laboratory to perform the analyses for lead, which will create a need for additional laboratory capacity.

Categories and Numbers Affected:

The Department anticipates no negative impact on jobs or employment opportunities as a result of the proposed regulations.

Regions of Adverse Impact:

The Department anticipates no negative impact on jobs or employment opportunities in any particular region of the state.

Minimizing Adverse Impact:

Not applicable.

EMERGENCY JUSTIFICATION

Lead exposure is associated with impaired cognitive development in children. The known adverse health effects for children from lead exposure include reduced IQ and attention span, learning disabilities, poor classroom performance, hyperactivity, behavioral problems, and impaired growth. Although measures can be taken to help children overcome any potential impairments on cognition, the effects are considered irreversible.

Lead can enter drinking water from the corrosion of plumbing materials. Facilities such as schools, which have intermittent water use patterns, may have elevated lead concentration due to prolonged water contact with plumbing material. This source is increasingly being recognized as an important relative contribution to a child's overall lead exposure. Recent voluntary testing by school districts in New York State and other jurisdictions demonstrate the need to provide clear direction to schools on the requirements and procedures to sample drinking water for lead.

Every school should supply drinking water to students that meets or exceeds federal and state standards and guidelines. Although the federal Environmental Protection Agency ("EPA") has established a voluntary testing program—known as the "3Ts for Reducing Lead in Drinking Water in Schools"—there is no federal law that requires schools to test their drinking water for lead or that requires an appropriate response, if lead is determined to be present in school drinking water.

To help ensure that children are protected from lead exposure while in school, the Commissioner of Health has determined it necessary to file these regulations on an emergency basis. State Administrative Procedure Act § 202(6) empowers the Commissioner to adopt emergency regulations when necessary for the preservation of the public health, safety or general welfare and that compliance with routine administrative procedures would be contrary to the public interest.