

December 1, 2016

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

#### Re: Lead in Water Sampling Report Kenmore Tonawanda UFSD Franklin Middle School

Dear Mr. Ames:

At your request, Sienna Environmental Technologies conducted water sampling, screening for lead contaminants at the above referenced properties 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 Franklin Middle School

PREPARED BY:



PREPARED FOR:

Kenmore Tonawanda UFSD 1500 Colvin Boulevard Buffalo, NY 14223

CONDITIONS AS OF:

September 30, 2016



### **Summary Tabulation**

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#### 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 30, 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:

• Franklin Middle 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 ( $\mu$ g/L). The following is a list of outlets in excess of 15 ppb. For a comprehensive list of outlets sampled, see appendix B.

Comple Data	Client ID Comple No.	Sample Description		
Sample Date	Client ID Sample No.	Location of Outlet	Type of Outlet	Result (µg/L)
Franklin Midd	le School			
9-30-2016	FMS- KCC-155-05	155 Partition Eastside Right	Kitchen Cooking Cold	39
9-30-2016	FMS- KFC-155-07	158 East Wall	Kitchen Cooking Cold	36
9-30-2016	FMS- KFC-155-08	158 West Wall Left	Kitchen Cooking Cold	19
9-30-2016	FMS- KFC-155-09	158 West Wall Right	Kitchen Cooking Cold	17
9-30-2016	FMS- CSC-BR-12	Boiler Room West Wall	Custodial Slop Sink Sold	42
9-30-2016	FMS-CFC-185-27	185 south Wall Left	Classroom Faucet Cold	18
9-30-2016	FMS-CFC-185-28	185 South Wall Middle	Classroom Faucet Cold	35
9-30-2016	FMS-DW-185-29	185 South Wall Right	Drinking Water Bubbler	52
9-30-2016	FMS-BFC-7B-30	7B South Wall Left	Bathroom Faucet Cold	21
9-30-2016	FMS-CFC-191-34	141 North Wall	Classroom Faucet Cold	19
9-30-2016	FMS-CFC-193-35	193 South Wall	Classroom Faucet Cold	15
9-30-2016	FMS-BFC-207A-37	207A South Wall Left	Bathroom Faucet Cold	16
9-30-2016	FMS-BFC-207A-39	207A South Wall Right	Bathroom Faucet Cold	17
9-30-2016	FMS-CFC-298-42	298 North Wall	Classroom Faucet Cold	15
9-30-2016	FMS-BFC-173A-51	173A North Wall	Bathroom Faucet Cold	30
9-30-2016	FMS-BFC-107A-53	107A East Wall	Bathroom Faucet Cold	15
9-30-2016	FMS-BFC-170B-54	170B East Wall	Bathroom Faucet Cold	39



Comula Data	Oliont ID Comple No.	Sample Description			
Sample Date	Client ID Sample No.	Location of Outlet	Type of Outlet	Result (µg/L)	
9-30-2016	FMS-CFC-169-55	109 West Wall	Classroom Faucet Cold	20	
9-30-2016	FMS-CFC-167B-57	167B West Wall	Classroom Faucet Cold	56	
9-30-2016	FMS-BFC-164A-60	164A West Wall	Bathroom Faucet Cold	25	
9-30-2016	FMS-KFC-209A-77	269A South Wall	Kitchen Faucet Cold	43	
9-30-2016	FMS-CFC-204-78	274 East Wall	Classroom Faucet Cold	42	
9-30-2016	FMS-CFC-274-79	274 South Wall	Classroom Faucet Cold	200	
9-30-2016	FMS-CFC-270-80	270 South Wall	Classroom Faucet Cold	99	
9-30-2016	FMS-CFC-275-85	275 West	Classroom Faucet Cold	17	
9-30-2016	FMS-CFC-275-86	275 North	Classroom Faucet Cold	200	
9-30-2016	FMS-CFC-277-87	277 Center Island	Classroom Faucet Cold	68	
9-30-2016	FMS-CFC-277-88	277 West Wall	Classroom Faucet Cold	30	
9-30-2016	FMS- CFC-279-91	Room 279, West Wall	Classroom Faucet Cold	35	
9-30-2016	FMS- CFC-279-92	Room 279, North Wall	Classroom Faucet Cold	110	
9-30-2016	FMS- CFC-281-93	Room 281, Center Island	Classroom Faucet Cold	200	
9-30-2016	FMS- CFC-281-94	Room 281, West Wall	Classroom Faucet Cold	36	
9-30-2016	FMS- CFC-281-95	Room 281, North Wall	Classroom Faucet Cold	120	
9-30-2016	FMS- CFC-283-96	Room 283, Center Island	Classroom Faucet Cold	100	
9-30-2016	FMS- CFC-283-97	Room 283, West Wall	Classroom Faucet Cold	22	
9-30-2016	FMS- CFC-283-98	Room 283, North Wall	Classroom Faucet Cold	360	
9-30-2016	FMS- CFC-383-106	Room 383, West Wall	Classroom Faucet Cold	130	
9-30-2016	FMS- CFC-381-109	Room 381, West Wall Left	Classroom Faucet Cold	20	
9-30-2016	FMS- CFC-381-110	Room 381, West Wall Right	Classroom Faucet Cold	69	
9-30-2016	FMS- CFC-381-111	Room 381, East Wall	Classroom Faucet Cold	36	
9-30-2016	FMS- CFC-381-112	Room 381, North Wall	Classroom Faucet Cold	41	
9-30-2016	FMS- CFC-379-113	Room 379, South Wall	Classroom Faucet Cold	24	
9-30-2016	FMS- CFC-375-116	Room 375, East Wall	Classroom Faucet Cold	25	
9-30-2016	FMS- CFC-307-123	Room 307, South Wall	Classroom Faucet Cold	26	
9-30-2016	FMS- CFC-305-127	Room 305, South Wall	Classroom Faucet Cold	43	



#### 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.
- 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.



### Appendix B Chains of Custody and Laboratory Reports



November 16, 2016

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

Project Location: KenTon CSD- Franklin Middle School Client Job Number: Project Number: 2845-C Laboratory Work Order Number: 16J1461

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 S. Kelley

Meghan E. Kelley Project Manager

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

REPORT DATE: 11/16/2016

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2845-C

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 16J1461

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- Franklin Middle School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
FMS- KFC-155-01	16J1461-01	Drinking Water	155, west island	EPA 200.8	
FMS- KFC-155-02	16J1461-02	Drinking Water	155, north wall, left	EPA 200.8	
FMS- KFC-155-03	16J1461-03	Drinking Water	155, north wall, Right	EPA 200.8	
FMS- KCC-155-04	16J1461-04	Drinking Water	155, partition, Eastside, left	EPA 200.8	
FMS- KCC-155-05	16J1461-05	Drinking Water	155, partition, Eastside, Right	EPA 200.8	
FMS- KFC-155-06	16J1461-06	Drinking Water	155, East wall	EPA 200.8	
FMS- KFC-155-07	16J1461-07	Drinking Water	158, East wall	EPA 200.8	
FMS- KFC-155-08	16J1461-08	Drinking Water	158, west wall left	EPA 200.8	
FMS- KFC-155-09	16J1461-09	Drinking Water	158, west wall right	EPA 200.8	
FMS- BFC-134-10	16J1461-10	Drinking Water	134, East wall	EPA 200.8	
FMS-BFC-151-11	16J1461-11	Drinking Water	151, East wall	EPA 200.8	
FMS- CSC-BR-12	16J1461-12	Drinking Water	Boiler Room (BR), west wall	EPA 200.8	
FMS- KFC-178-13	16J1461-13	Drinking Water	178, west wall	EPA 200.8	
FMS- WC-176-14	16J1461-14	Drinking Water	176, west wall	EPA 200.8	
FMS-BFC-109B-15	16J1461-15	Drinking Water	109B, Southwall, left	EPA 200.8	
FMS-BFC-109B-16	16J1461-16	Drinking Water	109B, South wall, middle	EPA 200.8	
FMS-BFC-109B-17	16J1461-17	Drinking Water	109b, South wall right	EPA 200.8	
FMS-WC-A109-18	16J1461-18	Drinking Water	a109, East wall	EPA 200.8	
FMS- CFC-179-19	16J1461-19	Drinking Water	179, west wall, left	EPA 200.8	
FMS- CFC-179-20	16J1461-20	Drinking Water	179, west wall, middle	EPA 200.8	
FMS- CFC-183-21	16J1461-21	Drinking Water	183, west wall, left	EPA 200.8	
FMS- CFC-183-22	16J1461-22	Drinking Water	183, west wall, middle	EPA 200.8	
FMS- DW-183-23	16J1461-23	Drinking Water	183, west wall, right	EPA 200.8	
FMS- WC-A110-24	16J1461-24	Drinking Water	A110,west wall	EPA 200.8	
FMS-BFC-110B-25	16J1461-25	Drinking Water	110B South wall, left	EPA 200.8	
FMS-BFC-110B-26	16J1461-26	Drinking Water	110B South wall, Right	EPA 200.8	
FMS-CFC-185-27	16J1461-27	Drinking Water	185- South wall, left	EPA 200.8	
FMS-CFC-185-28	16J1461-28	Drinking Water	185- South wall, middle	EPA 200.8	
FMS-DW-185-29	16J1461-29	Drinking Water	185-South wall, right	EPA 200.8	
FMS-BFC-7B-30	16J1461-30	Drinking Water	7B- South wall, left	EPA 200.8	
FMS-BFC-7B-31	16J1461-31	Drinking Water	7B, South wall, Right	EPA 200.8	
FMS-BFC-7C-32	16J1461-32	Drinking Water	7C- South wall, left	EPA 200.8	
FMS-BFC-7C-33	16J1461-33	Drinking Water	7C- South wall, middle	EPA 200.8	
FMS-CFC-191-34	16J1461-34	Drinking Water	141- North wall	EPA 200.8	
FMS-CFC-193-35	16J1461-35	Drinking Water	193- South wall	EPA 200.8	
FMS-WC-A112-36	16J1461-36	Drinking Water	A112- East wall	EPA 200.8	
FMS-BFC-207A-37	16J1461-37	Drinking Water	207A- South wall, left	EPA 200.8	
FMS-BFC-207A-38	16J1461-38	Drinking Water	207A- Southwall, middle	EPA 200.8	
FMS-BFC-207A-39	16J1461-39	Drinking Water	207A- South wall, right	EPA 200.8	
FMS-CFC-290-40	16J1461-40	Drinking Water	290- East wall	EPA 200.8	
FMS-WC-A208-41	16J1461-41	Drinking Water	A208, East wall	EPA 200.8	



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

REPORT DATE: 11/16/2016

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2845-C

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 16J1461

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- Franklin Middle School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
FMS-CFC-298-42	16J1461-42	Drinking Water	298, North wall	EPA 200.8	
FMS-WC-18643	16J1461-43	Drinking Water	186, South wall	EPA 200.8	
FMS-BFC-186-44	16J1461-44	Drinking Water	186, West wall, left	EPA 200.8	
FMS-BFC-186-45	16J1461-45	Drinking Water	186, West wall, right	EPA 200.8	
FMS-BFC-186-46	16J1461-46	Drinking Water	186B, west wall	EPA 200.8	
FMS-WC-180-47	16J1461-47	Drinking Water	180, North wall	EPA 200.8	
FMS-BFC-180-48	16J1461-48	Drinking Water	180, West wall, left	EPA 200.8	
FMS-BFC-180-49	16J1461-49	Drinking Water	180, West wall, Right	EPA 200.8	
FMS-BFC-180B-50	16J1461-50	Drinking Water	180B West wall	EPA 200.8	
FMS-BFC-173A-51	16J1461-51	Drinking Water	173A, North wall	EPA 200.8	
FMS-BFC-171A-52	16J1461-52	Drinking Water	171A, North wall	EPA 200.8	
FMS-BFC-107A-53	16J1461-53	Drinking Water	107A, East wall	EPA 200.8	
FMS-BFC-170B-54	16J1461-54	Drinking Water	170B, East wall	EPA 200.8	
FMS-CFC-169-55	16J1461-55	Drinking Water	109, West wall	EPA 200.8	
FMS-CFC-107A-56	16J1461-56	Drinking Water	107A, West wall	EPA 200.8	
FMS-CFC-167B-57	16J1461-57	Drinking Water	167B, West wall	EPA 200.8	
FMS-CFC-167C-58	16J1461-58	Drinking Water	167C, South wall	EPA 200.8	
FMS-WC-A107-59	16J1461-59	Drinking Water	A107, North wall	EPA 200.8	
FMS-BFC-164A-60	16J1461-60	Drinking Water	164A, West wall	EPA 200.8	
FMS-KFC-162C-61	16J1461-61	Drinking Water	162C, North wall	EPA 200.8	
FMS-WC-A108-62	16J1461-62	Drinking Water	A108, West wall	EPA 200.8	
FMS-BFC-108A-63	16J1461-63	Drinking Water	108A, North wall, Left	EPA 200.8	
FMS-BFC-108A-64	16J1461-64	Drinking Water	108A, North wall, Middle	EPA 200.8	
FMS-BFC-108A-65	16J1461-65	Drinking Water	108A, North wall, Right	EPA 200.8	
FMS-BFC-108B-66	16J1461-66	Drinking Water	108B, North wall, Left	EPA 200.8	
FMS-BFC-108B-67	16J1461-67	Drinking Water	108B, North wall, Right	EPA 200.8	
FMS-WC-A108-68	16J1461-68	Drinking Water	A108, East wall	EPA 200.8	
FMS-WC-A204-69	16J1461-69	Drinking Water	A204, East wall	EPA 200.8	
FMS-WC-A204-70	16J1461-70	Drinking Water	A204, West wall	EPA 200.8	
FMS-BFC-204A-71	16J1461-71	Drinking Water	204A, North wall, left	EPA 200.8	
FMS-BFC-204A-72	16J1461-72	Drinking Water	204A, North wall, Right	EPA 200.8	
FMS-BFC-204C-73	16J1461-73	Drinking Water	204C, North wall, left	EPA 200.8	
FMS-BFC-204C-74	16J1461-74	Drinking Water	204C, North wall, middle	EPA 200.8	
FMS-BFC-204C-75	16J1461-75	Drinking Water	204C, North wall, Right	EPA 200.8	
FMS-WC-A205-76	16J1461-76	Drinking Water	A205, North wall	EPA 200.8	
FMS-KFC-209A-77	16J1461-77	Drinking Water	269A, South wall	EPA 200.8	
FMS-CFC-204-78	16J1461-78	Drinking Water	274- East wall	EPA 200.8	
FMS-CFC-274-79	16J1461-79	Drinking Water	274- South wall	EPA 200.8	
FMS-CFC-270-80	16J1461-80	Drinking Water	270- South wall	EPA 200.8	
FMS-BFC-206B-81	16J1461-81	Drinking Water	206B, South	EPA 200.8	
FMS-BFC-206B-82	16J1461-82	Drinking Water	206B, South	EPA 200.8	



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

REPORT DATE: 11/16/2016

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2845-C

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 16J1461

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- Franklin Middle School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB	
FMS-BFC-206B-83	16J1461-83	Drinking Water	206B, South	EPA 200.8		
FMS-WC-A206-84	16J1461-84	Drinking Water	A206, East	EPA 200.8		
FMS-CFC-275-85	16J1461-85	Drinking Water	275, West	EPA 200.8		
FMS-CFC-275-86	16J1461-86	Drinking Water	275, North	EPA 200.8		
FMS-CFC-277-87	16J1461-87	Drinking Water	277, centerisland	EPA 200.8		
FMS-CFC-277-88	16J1461-88	Drinking Water	277, westwall	EPA 200.8		



CASE NARRATIVE SUMMARY

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

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.

fra Watshington

Lisa A. Worthington Project Manager



15

 $\mu g/L$ 

0.50

Lead

39 Spr	uce Street * E	ast Longr	neadow, MA 0	1028 * FAX 4	13/525-6405 * TEI	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	scription:	155, west is	land			Work Orde	r: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- KFC-155-01	Sampled: 9	9/30/2016 0	03:09						
Sample ID: 16J1461-01									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMC	L				Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/8/16 10:00



15

 $\mu g/L$ 

0.50

Lead

39 Spri	uce Street * Ea	ast Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Des	cription:	155, north v	vall, left			Work Order	: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- KFC-155-02	Sampled: 9	/30/2016 0	3:10						
Sample ID: 16J1461-02									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCL					Date	Date/Time	
Analyte Resu	ilts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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11/7/16

11/8/16 10:05



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Lead

39 Spr.	uce Street * East Long	meadow, MA (	)1028 * FAX 4	13/525-6405 * TEI	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	155, north v	vall, Right			Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS- KFC-155-03	Sampled: 9/30/2016	03:12						
Sample ID: 16J1461-03								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SM	CL				Date	Date/Time	
Analyte Resu	ilts RL MAORS	G Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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11/8/16 10:06



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Lead

39 Spru	uce Street * East Longn	neadow, MA 0	1028 * FAX 41	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	155, partitio	n, Eastside, left			Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS- KCC-155-04	Sampled: 9/30/2016	03:12						
Sample ID: 16J1461-04								
Sample Matrix: Drinking Water								
		Metals Ana	yses (Total)					
	MCL/SMC	Ľ				Date	Date/Time	
Analyte Resu	ilts RL MA ORSG	G Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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11/8/16 10:08



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# Lead

39 Spr	uce Street * East Longn	neadow, MA 0	1028 * FAX 41	3/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	155, partitio	n, Eastside, Rigl	ht		Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS- KCC-155-05	Sampled: 9/30/2016	03:14						
Sample ID: 16J1461-05								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	Ľ				Date	Date/Time	
Analyte Resu	ilts RL MA ORSG	G Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * East Longn	neadow, MA (	)1028 * FAX 4	13/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	155, East w	all			Work Orde	:: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS- KFC-155-06	Sampled: 9/30/2016 (	03:15						
Sample ID: 16J1461-06								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	L				Date	Date/Time	
Analyte Res	ults RL MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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# Lead

39 Spr	uce Street * E	East Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	158, East wa	.11			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- KFC-155-07	Sampled:	9/30/2016 0	3:16						
Sample ID: 16J1461-07									
Sample Matrix: Drinking Water									
			Metals Anal	yses (Total)					
		MCL/SMCL					Date	Date/Time	
Analyte Res	ılts RL	MA ORSG	Units	Dilution	Flag/Oual	Method	Prepared	Analyzed	Analyst

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# Lead

39 Spr	uce Street *	East Longm	eadow, MA (	1028 * FAX 4	13/525-6405 * TE	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	158, west w	all left			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- KFC-155-08	Sampled:	9/30/2016 0	3:17						
Sample ID: 16J1461-08									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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# Lead

39 Spr	uce Street * E	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	158, west w	all right			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- KFC-155-09	Sampled:	9/30/2016 0	3:18						
Sample ID: 16J1461-09									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spru	uce Street * Ea	ast Longm	neadow, MA 0	1028 * FAX 4	13/525-6405 * TEI	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Des	cription:	134, East w	all			Work Orde	r: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- BFC-134-10	Sampled: 9	/30/2016 0	03:21						
Sample ID: 16J1461-10									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMC	L				Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	151, East w	all			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-151-11	Sampled:	9/30/2016 0	3:23						
Sample ID: 16J1461-11									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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# Lead

39 Spr	uce Street *	East Longm	eadow, MA (	01028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	Boiler Roon	n (BR), west wa	all		Work Orde	r: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- CSC-BR-12	Sampled:	9/30/2016 0	3:25						
Sample ID: 16J1461-12									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analys

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Lead

39 Spr	uce Street *	East Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	178, west w	all			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- KFC-178-13	Sampled:	9/30/2016 0	3:28						
Sample ID: 16J1461-13									
Sample Matrix: Drinking Water									
			Metals Ana	yses (Total)					
		MCL/SMCI	Ĺ				Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * E	East Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TEI	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	176, west w	all			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- WC-176-14	Sampled:	9/30/2016 0	3:30						
Sample ID: 16J1461-14									
Sample Matrix: Drinking Water									
			Metals Ana	yses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * East Long	meadow, MA (	1028 * FAX 4	13/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	109B, Sout	nwall, left			Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS- BFC-109B-15	Sampled: 9/30/2016	03:34						
Sample ID: 16J1461-15								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SM	CL				Date	Date/Time	
Analyte Rest	ilts RL MAORS	G Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spru	uce Street * East Longn	neadow, MA (	1028 * FAX 4	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	109B, South	n wall, middle			Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS- BFC-109B-16	Sampled: 9/30/2016	03:34						
Sample ID: 16J1461-16								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	Ľ				Date	Date/Time	
Analyte Resu	ilts RL MA ORSO	G Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * I	East Longm	eadow, MA 0	01028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	109b, South	n wall right			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- BFC-109B-17	Sampled:	9/30/2016 0	3:35						
Sample ID: 16J1461-17									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analys

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Lead

39 Spri	uce Street * E	ast Longm	neadow, MA 0	1028 * FAX 4	13/525-6405 * TEI	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Des	scription:	a109, East v	vall			Work Orde	r: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-WC-A109-18	Sampled: 9	9/30/2016 0	03:36						
Sample ID: 16J1461-18									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * E	ast Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Des	scription:	179, west w	all, left			Work Order	: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-179-19	Sampled: 9	9/30/2016 0	3:37						
Sample ID: 16J1461-19									
Sample Matrix: Drinking Water									
			Metals Ana	yses (Total)					
		MCL/SMCL					Date	Date/Time	
Analyte Rest	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * I	East Longme	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	179, west w	all, middle			Work Orde	r: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-179-20	Sampled:	9/30/2016 03	3:38						
Sample ID: 16J1461-20									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCL					Date	Date/Time	
Analyte Rest	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * E	East Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	183, west w	all, left			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-183-21	Sampled:	9/30/2016 0	3:41						
Sample ID: 16J1461-21									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCL					Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * F	ast Longme	adow MA 0	1028 * FAX 4	13/525-6405 * TF	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	° °	183, west w				Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-183-22	Sampled:	9/30/2016 03	3:42						
Sample ID: 16J1461-22									
Sample Matrix: Drinking Water									
			Metals Ana	yses (Total)					
		MCL/SMCL					Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spru	uce Street * East Longm	neadow, MA (	1028 * FAX 4	13/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	183, west w	all, right			Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS- DW-183-23	Sampled: 9/30/2016 0	03:42						
Sample ID: 16J1461-23								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	L				Date	Date/Time	
Analyte Resu	ilts RL MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spru	uce Street * E	East Longm	eadow, MA 0	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	A110,west	wall			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS- WC-A110-24	Sampled:	9/30/2016 0	3:43						
Sample ID: 16J1461-24									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ilts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	110B South	wall, left			Work Orde	r: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-110B-25	Sampled:	9/30/2016 0	3:45						
Sample ID: 16J1461-25									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spru	uce Street * E	ast Longm	eadow, MA (	1028 * FAX 4	13/525-6405 * TE	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	scription:	110B South	wall, Right			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-110B-26	Sampled:	9/30/2016 0	3:46						
Sample ID: 16J1461-26									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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# Lead

39 Spri	uce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332	
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 185- South wall, left	Work Order: 16J1461
Date Received: 11/2/2016		
Field Sample #: FMS-CFC-185-27	Sampled: 9/30/2016 03:49	
Sample ID: 16J1461-27		
Sample Matrix: Drinking Water		
	Metals Analyses (Total)	
	MCL/SMCL	Date Date/Time
Analyte Resi	ults RL MAORSG Units Dilution Flag/Oual Method	Prenared Analyzed Analyst

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# Lead

39 Spri	uce Street * East Longr	neadow, MA (	1028 * FAX 4	13/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	185- South	wall, middle			Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-CFC-185-28	Sampled: 9/30/2016	03:49						
Sample ID: 16J1461-28								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	L				Date	Date/Time	
Analyte Resu	ilts RL MAORSO	units	Dilution	Flag/Oual	Method	Prepared	Analyzed	Analyst

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# Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	1028 * FAX 4	13/525-6405 * T	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	185-South v	vall, right			Work Order	: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-DW-185-29	Sampled:	9/30/2016 0	3:50						
Sample ID: 16J1461-29									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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# Lead

39 Spri	uce Street * East Longr	neadow, MA (	)1028 * FAX 4	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	7B- South v	vall, left			Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-BFC-7B-30	Sampled: 9/30/2016 (	03:53						
Sample ID: 16J1461-30								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	L				Date	Date/Time	
Analyte Resu	ilts RL MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spri	uce Street * I	East Longme	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	7B, South w	all, Right			Work Orde	r: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-7B-31	Sampled:	9/30/2016 03	3:53						
Sample ID: 16J1461-31									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCL					Date	Date/Time	
Analyte Resu	lts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analys

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Lead

39 Spr	uce Street * E	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	7C- South v	vall, left			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-7C-32	Sampled:	9/30/2016 0	3:55						
Sample ID: 16J1461-32									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spri	uce Street * I	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	7C- South v	vall, middle			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-7C-33	Sampled:	9/30/2016 0	3:55						
Sample ID: 16J1461-33									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

11/7/16

11/8/16 8:42



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# Lead

39 Spr	Ice Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332	
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 141- North wall	Work Order: 16J1461
Date Received: 11/2/2016		
Field Sample #: FMS-CFC-191-34	Sampled: 9/30/2016 03:58	
Sample ID: 16J1461-34		
Sample Matrix: Drinking Water		
	Metals Analyses (Total)	
	MCL/SMCL	Date Date/Time
Analyte Resi	lts RL MA ORSG Units Dilution Flag/Oual Method	Prepared Analyzed Analys

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EPA 200.8

11/7/16

11/8/16 8:44



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# Lead

39 Spr	uce Street * E	ast Longm	eadow, MA	01028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	scription:	193- South	wall			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-CFC-193-35	Sampled: 9	9/30/2016 0	3:59						
Sample ID: 16J1461-35									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

11/7/16

11/8/16 8:45



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Lead

39 Spru	uce Street * Eas	t Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Descr	iption:	A112-East	wall			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-WC-A112-36	Sampled: 9/3	0/2016 0	4:00						
Sample ID: 16J1461-36									
Sample Matrix: Drinking Water									
			Metals Ana	yses (Total)					
	М	CL/SMCI					Date	Date/Time	
Analyte Resu	ults RL M	IA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

11/7/16

11/8/16 8:47



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# Lead

39 Spri	uce Street * E	East Longm	eadow, MA (	01028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	scription:	207A- Sout	th wall, left			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-207A-37	Sampled:	9/30/2016 0	4:02						
Sample ID: 16J1461-37									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

11/7/16

11/8/16 8:52



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Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	207A- Sout	hwall, middle			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-207A-38	Sampled:	9/30/2016 0	4:02						
Sample ID: 16J1461-38									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

11/7/16

11/8/16 8:54

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# Lead

39 Spr	ce Street * East Longmeadow, MA 01	028 * FAX 413/525-6405 * TEL. 413/525	5-2332
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 207A- South	wall, right	Work Order: 16J1461
Date Received: 11/2/2016			
Field Sample #: FMS-BFC-207A-39	Sampled: 9/30/2016 04:03		
Sample ID: 16J1461-39			
Sample Matrix: Drinking Water			
	Metals Analy	ses (Total)	
	MCL/SMCL		Date Date/Time
Analyte Res	ts RL MAORSG Units	Dilution Flag/Oual M	ethod Prepared Analyzed Analyst

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EPA 200.8

11/7/16

11/8/16 8:56

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Lead

39 Spr	uce Street * East Longmea	adow, MA 01028 * FAX	413/525-6405 * TEL. 41	3/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	290- East wall			Work Order:	16J1461	
Date Received: 11/2/2016							
Field Sample #: FMS-CFC-290-40	Sampled: 9/30/2016 04:	06					
Sample ID: 16J1461-40							
Sample Matrix: Drinking Water							
		Metals Analyses (Total)					
	MCL/SMCL				Date	Date/Time	
Analyte Resi	lts RL MA ORSG	Units Dilution	Flag/Oual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spri	uce Street * East Lo	ongmeadow, MA	01028 * FAX	413/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description	on: A208, East	wall			Work Order	: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-WC-A208-41	Sampled: 9/30/20	016 04:07						
Sample ID: 16J1461-41								
Sample Matrix: Drinking Water								
		Metals An	alyses (Total)					
	MCL/	SMCL				Date	Date/Time	
Analyte Resu	ults RL MA (	ORSG Units	Dilution	Flag/Oual	Method	Prepared	Analyzed	Analyst

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# Lead

39 Spri	uce Street * East Longr	neadow, MA 0	1028 * FAX 4	13/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	298, North	wall			Work Order	:: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-CFC-298-42	Sampled: 9/30/2016	04:09						
Sample ID: 16J1461-42								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	L				Date	Date/Time	
Analyte Resu	ilts RL MA ORSC	G Units	Dilution	Flag/Oual	Method	Prenared	Analyzed	Analyst

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Lead

39 Spr	uce Street *	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	186, South	wall			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-WC-18643	Sampled:	9/30/2016 0	4:14						
Sample ID: 16J1461-43									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spri	uce Street * I	East Longm	eadow, MA (	01028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	186, West v	wall, left			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-186-44	Sampled:	9/30/2016 0	4:15						
Sample ID: 16J1461-44									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	2				Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street *	East Longme	adow, MA 0	1028 * FAX 4	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	186, West v	vall, right			Work Orde	r: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-186-45	Sampled:	9/30/2016 04	15						
Sample ID: 16J1461-45									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCL					Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analy

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Lead

39 Spri	uce Street * I	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	186B, west	wall			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-186-46	Sampled:	9/30/2016 0	4:16						
Sample ID: 16J1461-46									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ilts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spri	uce Street * Eas	t Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Descr	iption:	180, North	wall			Work Orde	r: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-WC-180-47	Sampled: 9/3	0/2016 0	4:19						
Sample ID: 16J1461-47									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
	М	CL/SMCI	L				Date	Date/Time	
Analyte Resu	ilts RL M	IA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spru	uce Street * East Longn	neadow, MA (	)1028 * FAX 4	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	180, West v	vall, left			Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-BFC-180-48	Sampled: 9/30/2016	04:20						
Sample ID: 16J1461-48								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	Ľ				Date	Date/Time	
Analyte Resu	ilts RL MA ORSO	G Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spru	uce Street * East Lor	gmeadow, MA	01028 * FAX 4	13/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description	: 180, West v	wall, Right			Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-BFC-180-49	Sampled: 9/30/201	6 04:20						
Sample ID: 16J1461-49								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SI	MCL				Date	Date/Time	
Analyte Resu	ilts RL MA OF	SG Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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11/8/16 11:14



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Lead

39 Spr	Ice Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332	
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 180B West wall	Work Order: 16J1461
Date Received: 11/2/2016		
Field Sample #: FMS-BFC-180B-50	Sampled: 9/30/2016 04:22	
Sample ID: 16J1461-50		
Sample Matrix: Drinking Water		
	Metals Analyses (Total)	
	MCL/SMCL	Date Date/Time
Analyte Resi	lts RL MA ORSG Units Dilution Flag/Qual Method	Prepared Analyzed Analyst

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11/8/16 11:16



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# Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	01028 * FAX 4	13/525-6405 * TEI	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	173A, Nort	h wall			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-173A-51	Sampled:	9/30/2016 0	4:24						
Sample ID: 16J1461-51									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spri	uce Street * E	ast Longr	neadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	scription:	171A, Nort	h wall			Work Order	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-171A-52	Sampled: 9	9/30/2016 (	04:25						
Sample ID: 16J1461-52									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMC	L				Date	Date/Time	
Analyte Resu	ilts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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11/8/16 11:19



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# Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	107A, East	wall			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-107A-53	Sampled:	9/30/2016 0	4:26						
Sample ID: 16J1461-53									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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11/7/16

11/8/16 11:21



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# Lead

39 Spr	uce Street * East Longn	neadow, MA 0	1028 * FAX 4	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	170B, East v	all			Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-BFC-170B-54	Sampled: 9/30/2016	04:29						
Sample ID: 16J1461-54								
Sample Matrix: Drinking Water								
		Metals Anal	yses (Total)					
	MCL/SMC	L				Date	Date/Time	
Analyte Rest	ults RL MAORSO	Units	Dilution	Flag/Oual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

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11/8/16 11:22



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# Lead

39 Spri	ce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332	
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 109, West wall	Work Order: 16J1461
Date Received: 11/2/2016		
Field Sample #: FMS-CFC-169-55	Sampled: 9/30/2016 04:30	
Sample ID: 16J1461-55		
Sample Matrix: Drinking Water		
	Metals Analyses (Total)	
	MCL/SMCL	Date Date/Time
Analyte Resi	lts RL MA ORSG Units Dilution Flag/Oual Method	Prenared Analyzed Analyst

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11/7/16

11/8/16 11:24



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Lead

39 Spr	uce Street * E	ast Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Des	scription:	107A, West	t wall			Work Order	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-CFC-107A-56	Sampled: 9	9/30/2016 0	4:34						
Sample ID: 16J1461-56									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Res	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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11/8/16 11:26



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# Lead

39 Spr	uce Street * E	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TEI	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	167B, West	wall			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-CFC-167B-57	Sampled:	9/30/2016 0	4:34						
Sample ID: 16J1461-57									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spri	uce Street * I	East Longm	neadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	167C, Sout	h wall			Work Order	: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-CFC-167C-58	Sampled:	9/30/2016 (	04:35						
Sample ID: 16J1461-58									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMC	L				Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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11/8/16 11:29



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Lead

39 Spr	uce Street * East Longn	neadow, MA 0	1028 * FAX 4	13/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	A107, North	n wall			Work Order	:: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-WC-A107-59	Sampled: 9/30/2016	04:36						
Sample ID: 16J1461-59								
Sample Matrix: Drinking Water								
		Metals Ana	yses (Total)					
	MCL/SMC	L				Date	Date/Time	
Analyte Res	ults RL MAORSO	Units	Dilution	Flag/Oual	Method	Prenared	Analyzed	Analyst

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# Lead

39 Spr	uce Street * I	East Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TEI	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	164A, West	wall			Work Order	: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-164A-60	Sampled:	9/30/2016 0	4:39						
Sample ID: 16J1461-60									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Res	ılts RL	MA ORSG	Units	Dilution	Flag/Oual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * E	ast Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	scription:	162C, North	h wall			Work Order	: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-KFC-162C-61	Sampled: 9	9/30/2016 0	4:41						
Sample ID: 16J1461-61									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spri	uce Street * East Longme	eadow, MA 01028 * FA	X 413/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	A108, West wall			Work Order	16J1461	
Date Received: 11/2/2016							
Field Sample #: FMS-WC-A108-62	Sampled: 9/30/2016 04	4:43					
Sample ID: 16J1461-62							
Sample Matrix: Drinking Water							
		Metals Analyses (Tota	l)				
	MCL/SMCL				Date	Date/Time	
Analyte Resi	ilts RL MA ORSG	Units Dilutio	n Flag/Oual	Method	Prenared	Analyzed	Analyst

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Lead

39 Spri	uce Street * E	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	108A, Nort	h wall, Left			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-108A-63	Sampled:	9/30/2016 0	4:46						
Sample ID: 16J1461-63									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	lts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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11/9/16 9:47



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Lead

39 Spr	uce Street * I	East Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	108A, North	h wall, Middle			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-108A-64	Sampled:	9/30/2016 0	4:46						
Sample ID: 16J1461-64									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 9:52



0.50

15

Lead

39 Spri	uce Street *	East Longme	eadow, MA 0	1028 * FAX 4	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	108A, Nortl	n wall, Right			Work Orde	r: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-108A-65	Sampled:	9/30/2016 04	4:47						
Sample ID: 16J1461-65									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCL					Date	Date/Time	
Analyte Resu	ilts RL	MA ORSG	Units	Dilution	Flag/Oual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 9:56

MJH



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0.50

Lead

39 Spri	uce Street * I	East Longm	eadow, MA (	1028 * FAX 4	13/525-6405 * TI	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	108B, North	n wall, Left			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-108B-66	Sampled:	9/30/2016 0	4:49						
Sample ID: 16J1461-66									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ilts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 10:09

MJH



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Lead

39 Spr	uce Street * East Longme	eadow, MA 010	)28 * FAX 4	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	108B, North v	vall, Right			Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-BFC-108B-67	Sampled: 9/30/2016 04	4:49						
Sample ID: 16J1461-67								
Sample Matrix: Drinking Water								
		Metals Analys	ses (Total)					
	MCL/SMCL					Date	Date/Time	
Analyte Res	lts RL MA ORSG	Units	Dilution	Flag/Oual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 10:13

MJH



ND

0.50

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Lead

39 Spr	uce Street *	East Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	A108, East	wall			Work Order	: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-WC-A108-68	Sampled:	9/30/2016 0	4:51						
Sample ID: 16J1461-68									
Sample Matrix: Drinking Water									
			Metals Anal	yses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 10:17



0.50

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Lead

39 Spri	uce Street * East Longr	meadow, MA 0	1028 * FAX 4	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	A204, East	wall			Work Order	: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-WC-A204-69	Sampled: 9/30/2016	04:55						
Sample ID: 16J1461-69								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	L				Date	Date/Time	
Analyte Resi	ilts RL MA ORSO	G Units	Dilution	Flag/Oual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 10:21



0.50

15

Lead

39 Spri	uce Street * E	East Longm	eadow, MA 0	01028 * FAX 41	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	A204, West	t wall			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-WC-A204-70	Sampled:	9/30/2016 0	4:56						
Sample ID: 16J1461-70									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ilts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 10:26

MJH



0.50

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Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	01028 * FAX 4	13/525-6405 * TE	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	204A, Nort	h wall, left			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-204A-71	Sampled:	9/30/2016 0	4:58						
Sample ID: 16J1461-71									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 10:30



0.50

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Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	)1028 * FAX 4 <sup>-</sup>	13/525-6405 * TI	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	204A, Nort	h wall, Right			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-204A-72	Sampled:	9/30/2016 0	4:59						
Sample ID: 16J1461-72									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 10:34



0.50

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Lead

39 Spr	ce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/5	25-2332
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 204C, North wall, left	Work Order: 16J1461
Date Received: 11/2/2016		
Field Sample #: FMS-BFC-204C-73	Sampled: 9/30/2016 05:00	
Sample ID: 16J1461-73		
Sample Matrix: Drinking Water		
	Metals Analyses (Total)	
	MCL/SMCL	Date Date/Time
Analyte Resi	lts RL MA ORSG Units Dilution Flag/Oual	Method Prenared Analyzed Analyst

1

EPA 200.8

11/7/16

11/9/16 10:38



0.50

15

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Lead

39 Spr	uce Street * East Longr	neadow, MA 0	1028 * FAX 4	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	204C, North	n wall, middle			Work Order	: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-BFC-204C-74	Sampled: 9/30/2016	05:00						
Sample ID: 16J1461-74								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	Ľ				Date	Date/Time	
Analyte Resi	ilts RL MA ORSO	d Units	Dilution	Flag/Oual	Method	Prenared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 10:43



2.5

15

Lead

30 Spr	uce Street * East Longr		1028 * EAX 4	13/525 6/05 * TEL	113/525 2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	,	h wall, Right	15/525-0405 TEL	413/323-2332	Work Orde	r: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-BFC-204C-75	Sampled: 9/30/2016 (	05:01						
Sample ID: 16J1461-75								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	L				Date	Date/Time	
Analyte Resu	ilts RL MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

5

EPA 200.8

11/7/16

11/16/16 4:46

MJH



0.50

15

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Lead

39 Spr	uce Street * East Longr	neadow, MA 0	1028 * FAX 4	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	A205, North	wall			Work Order	: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-WC-A205-76	Sampled: 9/30/2016	05:06						
Sample ID: 16J1461-76								
Sample Matrix: Drinking Water								
		Metals Anal	yses (Total)					
	MCL/SMC	ĽL				Date	Date/Time	
Analyte Resi	ults RL MA ORSC	G Units	Dilution	Flag/Oual	Method	Prenared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 11:00



0.50

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# Lead

39 Spr	ruce Street * I	East Longm	eadow, MA (	01028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	269A, Sout	h wall			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-KFC-209A-77	Sampled:	9/30/2016 0	5:08						
Sample ID: 16J1461-77									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 11:04



15

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# Lead

	uce Street * East Longn	neadow, MA 0 <sup>-</sup>	1028 * FAX 4	13/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	274- East wa				Work Order	: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-CFC-204-78	Sampled: 9/30/2016	05:10						
Sample ID: 16J1461-78								
Sample Matrix: Drinking Water								
		Metals Anal	yses (Total)					
	MCL/SMC	L				Date	Date/Time	
Analyte Res	ults RL MA ORSO	G Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 11:08



0.50

15

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# Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	274- South	wall			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-CFC-274-79	Sampled:	9/30/2016 0	5:11						
Sample ID: 16J1461-79									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 11:12



0.50

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# Lead

39 Spr	ce Street * East Longmeado	w, MA 01028 * FAX 4	13/525-6405 * TEL. 413	525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 270	0- South wall			Work Order:	16J1461	
Date Received: 11/2/2016							
Field Sample #: FMS-CFC-270-80	Sampled: 9/30/2016 05:12						
Sample ID: 16J1461-80							
Sample Matrix: Drinking Water							
	Me	tals Analyses (Total)					
	MCL/SMCL				Date	Date/Time	
Analyte Rest	Its RL MA ORSG	Units Dilution	Flag/Oual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 11:17



0.50

15

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Lead

39 Spri	uce Street * I	East Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	206B, South	1			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-206B-81	Sampled:	9/30/2016 0	5:15						
Sample ID: 16J1461-81									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 8:01



0.50

15

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Lead

39 Spri	uce Street * I	East Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	206B, South	1			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-206B-82	Sampled:	9/30/2016 0	5:15						
Sample ID: 16J1461-82									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 8:14



0.50

15

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Lead

39 Spri	uce Street * I	East Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	206B, South	1			Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-BFC-206B-83	Sampled:	9/30/2016 0	5:16						
Sample ID: 16J1461-83									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 8:18



ND

0.50

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Lead

39 Spri	uce Street * I	East Longm	neadow, MA 0	01028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	A206, East				Work Orde	r: 16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-WC-A206-84	Sampled:	9/30/2016 (	05:18						
Sample ID: 16J1461-84									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMC	L				Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 8:22



0.50

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# Lead

39 Spr	uce Street * E	ast Longm	eadow, MA (	01028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	scription:	275, West				Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-CFC-275-85	Sampled: 9	9/30/2016 0	5:19						
Sample ID: 16J1461-85									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 8:27



0.50

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# Lead

39 Spr	uce Street * E	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	scription:	275, North				Work Order:	16J1461	
Date Received: 11/2/2016									
Field Sample #: FMS-CFC-275-86	Sampled:	9/30/2016 0	5:20						
Sample ID: 16J1461-86									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 8:39

MJH



0.50

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# Lead

39 Spr	ice Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332	
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 277, centerisland	Work Order: 16J1461
Date Received: 11/2/2016		
Field Sample #: FMS-CFC-277-87	Sampled: 9/30/2016 05:23	
Sample ID: 16J1461-87		
Sample Matrix: Drinking Water		
	Metals Analyses (Total)	
	MCL/SMCL	Date Date/Time
Analyte Resi	lts RL MA ORSG Units Dilution Flag/Oual Method	Prepared Analyzed Analyst

1

EPA 200.8

11/7/16

11/9/16 8:44



15

0.50

# Lead

39 Spr	uce Street * East Long	meadow, MA (	1028 * FAX 4	13/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	277, westwa	all			Work Order	: 16J1461	
Date Received: 11/2/2016								
Field Sample #: FMS-CFC-277-88	Sampled: 9/30/2016	05:24						
Sample ID: 16J1461-88								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SM0	CL				Date	Date/Time	
Analyte Resu	ilts RL MA ORSO	G Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/7/16

11/9/16 8:48

MJH



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

# Sample Extraction Data

### Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16J1461-21 [FMS- CFC-183-21]	B162644	10.0	10.0	11/07/16

#### Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date	
16J1461-01 [FMS- KFC-155-01]	B162654	10.0	10.0	11/07/16	
16J1461-02 [FMS- KFC-155-02]	B162654	10.0	10.0	11/07/16	
16J1461-03 [FMS- KFC-155-03]	B162654	10.0	10.0	11/07/16	
16J1461-04 [FMS- KCC-155-04]	B162654	10.0	10.0	11/07/16	
16J1461-05 [FMS- KCC-155-05]	B162654	10.0	10.0	11/07/16	
16J1461-06 [FMS- KFC-155-06]	B162654	10.0	10.0	11/07/16	
16J1461-07 [FMS- KFC-155-07]	B162654	10.0	10.0	11/07/16	
16J1461-08 [FMS- KFC-155-08]	B162654	10.0	10.0	11/07/16	
16J1461-09 [FMS- KFC-155-09]	B162654	10.0	10.0	11/07/16	
16J1461-10 [FMS- BFC-134-10]	B162654	10.0	10.0	11/07/16	
16J1461-11 [FMS-BFC-151-11]	B162654	10.0	10.0	11/07/16	
16J1461-12 [FMS- CSC-BR-12]	B162654	10.0	10.0	11/07/16	
16J1461-13 [FMS- KFC-178-13]	B162654	10.0	10.0	11/07/16	
16J1461-14 [FMS- WC-176-14]	B162654	10.0	10.0	11/07/16	
16J1461-15 [FMS- BFC-109B-15]	B162654	10.0	10.0	11/07/16	
16J1461-16 [FMS- BFC-109B-16]	B162654	10.0	10.0	11/07/16	
16J1461-17 [FMS- BFC-109B-17]	B162654	10.0	10.0	11/07/16	
16J1461-18 [FMS-WC-A109-18]	B162654	10.0	10.0	11/07/16	
16J1461-19 [FMS- CFC-179-19]	B162654	10.0	10.0	11/07/16	
16J1461-20 [FMS- CFC-179-20]	B162654	10.0	10.0	11/07/16	

#### Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date	
16J1461-22 [FMS- CFC-183-22]	B162655	10.0	10.0	11/07/16	
16J1461-23 [FMS- DW-183-23]	B162655	10.0	10.0	11/07/16	
16J1461-24 [FMS- WC-A110-24]	B162655	10.0	10.0	11/07/16	
16J1461-25 [FMS-BFC-110B-25]	B162655	10.0	10.0	11/07/16	
16J1461-26 [FMS-BFC-110B-26]	B162655	10.0	10.0	11/07/16	
16J1461-27 [FMS-CFC-185-27]	B162655	10.0	10.0	11/07/16	
16J1461-28 [FMS-CFC-185-28]	B162655	10.0	10.0	11/07/16	
16J1461-29 [FMS-DW-185-29]	B162655	10.0	10.0	11/07/16	
16J1461-30 [FMS-BFC-7B-30]	B162655	10.0	10.0	11/07/16	
16J1461-31 [FMS-BFC-7B-31]	B162655	10.0	10.0	11/07/16	
16J1461-32 [FMS-BFC-7C-32]	B162655	10.0	10.0	11/07/16	
16J1461-33 [FMS-BFC-7C-33]	B162655	10.0	10.0	11/07/16	
16J1461-34 [FMS-CFC-191-34]	B162655	10.0	10.0	11/07/16	
16J1461-35 [FMS-CFC-193-35]	B162655	10.0	10.0	11/07/16	
16J1461-36 [FMS-WC-A112-36]	B162655	10.0	10.0	11/07/16	
16J1461-37 [FMS-BFC-207A-37]	B162655	10.0	10.0	11/07/16	
16J1461-38 [FMS-BFC-207A-38]	B162655	10.0	10.0	11/07/16	
16J1461-39 [FMS-BFC-207A-39]	B162655	10.0	10.0	11/07/16	
16J1461-40 [FMS-CFC-290-40]	B162655	10.0	10.0	11/07/16	



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

# Sample Extraction Data

### Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date	
16J1461-41 [FMS-WC-A208-41]	B162656	10.0	10.0	11/07/16	
16J1461-42 [FMS-CFC-298-42]	B162656	10.0	10.0	11/07/16	
16J1461-43 [FMS-WC-18643]	B162656	10.0	10.0	11/07/16	
16J1461-44 [FMS-BFC-186-44]	B162656	10.0	10.0	11/07/16	
16J1461-45 [FMS-BFC-186-45]	B162656	10.0	10.0	11/07/16	
16J1461-46 [FMS-BFC-186-46]	B162656	10.0	10.0	11/07/16	
16J1461-47 [FMS-WC-180-47]	B162656	10.0	10.0	11/07/16	
16J1461-48 [FMS-BFC-180-48]	B162656	10.0	10.0	11/07/16	
16J1461-49 [FMS-BFC-180-49]	B162656	10.0	10.0	11/07/16	
16J1461-50 [FMS-BFC-180B-50]	B162656	10.0	10.0	11/07/16	
16J1461-51 [FMS-BFC-173A-51]	B162656	10.0	10.0	11/07/16	
16J1461-52 [FMS-BFC-171A-52]	B162656	10.0	10.0	11/07/16	
16J1461-53 [FMS-BFC-107A-53]	B162656	10.0	10.0	11/07/16	
16J1461-54 [FMS-BFC-170B-54]	B162656	10.0	10.0	11/07/16	
16J1461-55 [FMS-CFC-169-55]	B162656	10.0	10.0	11/07/16	
16J1461-56 [FMS-CFC-107A-56]	B162656	10.0	10.0	11/07/16	
16J1461-57 [FMS-CFC-167B-57]	B162656	10.0	10.0	11/07/16	
16J1461-58 [FMS-CFC-167C-58]	B162656	10.0	10.0	11/07/16	
16J1461-59 [FMS-WC-A107-59]	B162656	10.0	10.0	11/07/16	
16J1461-60 [FMS-BFC-164A-60]	B162656	10.0	10.0	11/07/16	

#### Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date	
16J1461-61 [FMS-KFC-162C-61]	B162670	10.0	10.0	11/07/16	
16J1461-62 [FMS-WC-A108-62]	B162670	10.0	10.0	11/07/16	
16J1461-63 [FMS-BFC-108A-63]	B162670	10.0	10.0	11/07/16	
16J1461-64 [FMS-BFC-108A-64]	B162670	10.0	10.0	11/07/16	
16J1461-65 [FMS-BFC-108A-65]	B162670	10.0	10.0	11/07/16	
16J1461-66 [FMS-BFC-108B-66]	B162670	10.0	10.0	11/07/16	
16J1461-67 [FMS-BFC-108B-67]	B162670	10.0	10.0	11/07/16	
16J1461-68 [FMS-WC-A108-68]	B162670	10.0	10.0	11/07/16	
16J1461-69 [FMS-WC-A204-69]	B162670	10.0	10.0	11/07/16	
16J1461-70 [FMS-WC-A204-70]	B162670	10.0	10.0	11/07/16	
16J1461-71 [FMS-BFC-204A-71]	B162670	10.0	10.0	11/07/16	
16J1461-72 [FMS-BFC-204A-72]	B162670	10.0	10.0	11/07/16	
16J1461-73 [FMS-BFC-204C-73]	B162670	10.0	10.0	11/07/16	
16J1461-74 [FMS-BFC-204C-74]	B162670	10.0	10.0	11/07/16	
16J1461-75 [FMS-BFC-204C-75]	B162670	10.0	10.0	11/07/16	
16J1461-76 [FMS-WC-A205-76]	B162670	10.0	10.0	11/07/16	
16J1461-77 [FMS-KFC-209A-77]	B162670	10.0	10.0	11/07/16	
16J1461-78 [FMS-CFC-204-78]	B162670	10.0	10.0	11/07/16	
16J1461-79 [FMS-CFC-274-79]	B162670	10.0	10.0	11/07/16	
16J1461-80 [FMS-CFC-270-80]	B162670	10.0	10.0	11/07/16	

### Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date	
16J1461-81 [FMS-BFC-206B-81]	B162671	10.0	10.0	11/07/16	
16J1461-82 [FMS-BFC-206B-82]	B162671	10.0	10.0	11/07/16	
16J1461-83 [FMS-BFC-206B-83]	B162671	10.0	10.0	11/07/16	
16J1461-84 [FMS-WC-A206-84]	B162671	10.0	10.0	11/07/16	
16J1461-85 [FMS-CFC-275-85]	B162671	10.0	10.0	11/07/16	



#### Sample Extraction Data

#### Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date	
16J1461-86 [FMS-CFC-275-86]	B162671	10.0	10.0	11/07/16	
16J1461-87 [FMS-CFC-277-87]	B162671	10.0	10.0	11/07/16	
16J1461-88 [FMS-CFC-277-88]	B162671	10.0	10.0	11/07/16	



#### QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Back Bi62644 - EPA 200.8         Black Bi62644 - EPA 200.8       ND       0.50       µg/L         Lead       ND       0.50       µg/L       Solution 11/11/16         Lead       S31       S.0       µg/L       Solution 11/11/16         Lead       S31       S.0       µg/L       Solution 11/11/16         Lead       S31       S.0       µg/L       Solution 11/11/16         Lead       S32       S.0       µg/L       Solution 11/17/16       Analyzed: 11/17/16         Lead       ND       0.50       µg/L       Prepared: 11/07/16       Analyzed: 11/08/16         Lead       ND       0.50       µg/L       Prepared: 11/07/16       Analyzed: 11/08/16       Solution 11/10/16         Lead       39.6       0.50       µg/L       Prepared: 11/07/16       Analyzed: 11/08/16       Solution 11/10/16         <											
Bank (B162644-BLK1)         Prepared:         11/07/16         Analyzed:         11/17/16           Lead         ND         0.50         µg/L         S00         106         85-115           LCS (B162644-BS1)         Prepared:         11/07/16         Analyzed:         11/17/16           LCS Dap (B162644-BSD1)         Prepared:         11/07/16         Analyzed:         11/17/16           LCS Dap (B162644-BSD1)         Prepared:         11/07/16         Analyzed:         11/17/16           Lead         532         5.0         µg/L         500         106         85-115         0.164         20           Bach B162654-BLK1)         Prepared:         11/07/16         Analyzed:         11/08/16         20           Lead         39.6         0.50         µg/L         40.0         98.9         85-115         0.105         20           Daplicate (B162654-DUP1)         Source:         16/1461-01         Prepared:         11/07/16         Analyzed:         11/08/16           Lead         2.33         0.50         µg/L         2.32         0.305         20           Daplicate (B162654-DUP2)         Source:         16/1461-01         Prepared:         11/07/16         Analyzed:         11/08/16	Analyte	Result		Units	-		%REC		RPD		Notes
kad         ND         0.50         μg/L           LCS (B162644-BS1)         Prepared: 11/07/16         Analyzed: 11/11/16           Lcs (B162644-BS1)         Prepared: 11/07/16         Analyzed: 11/11/16           Lcs (B162644-BS1)         Prepared: 11/07/16         Analyzed: 11/07/16           Lcs (B162644-BS1)         Prepared: 11/07/16         Analyzed: 11/08/16         20           Batch B162645-EPA 200.8         Prepared: 11/07/16         Analyzed: 11/08/16         20           Batch B162654-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16         20           Lcs (B162654-BS1)         Prepared: 11/07/16         Analyzed: 11/08/16         1           Lcs (B162654-BS1)         Prepared: 11/07/16         Analyzed: 11/08/16         1           Lcs (B162654-BUP1)         Source: 16/1461-01         Prepared: 11/07/16         Analyzed: 11/08/16           Lcad         4/92         0.50         μg/L         4/91         0.105         20           Daplicate (B162654-DUP2)         Source: 16/1461-02         Prepared: 11/07/16         Analyzed: 11/08/16         20           Lcad         2,33         0.50         μg/L         2,50         4,91         0.305         20           Matrix Spike (B162654-MS1)         Source: 16/1461-02         Prepar	Batch B162644 - EPA 200.8										
kad         ND         0.50         μg/L           LCS (B162644-BS1)         Prepared: 11/07/16         Analyzed: 11/11/16           Lcs (B162644-BS1)         Prepared: 11/07/16         Analyzed: 11/11/16           Lcs (B162644-BS1)         Prepared: 11/07/16         Analyzed: 11/07/16           Lcs (B162644-BS1)         Prepared: 11/07/16         Analyzed: 11/08/16         20           Batch B162645-EPA 200.8         Prepared: 11/07/16         Analyzed: 11/08/16         20           Batch B162654-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16         20           Lcs (B162654-BS1)         Prepared: 11/07/16         Analyzed: 11/08/16         1           Lcs (B162654-BS1)         Prepared: 11/07/16         Analyzed: 11/08/16         1           Lcs (B162654-BUP1)         Source: 16/1461-01         Prepared: 11/07/16         Analyzed: 11/08/16           Lcad         4/92         0.50         μg/L         4/91         0.105         20           Daplicate (B162654-DUP2)         Source: 16/1461-02         Prepared: 11/07/16         Analyzed: 11/08/16         20           Lcad         2,33         0.50         μg/L         2,50         4,91         0.305         20           Matrix Spike (B162654-MS1)         Source: 16/1461-02         Prepar	Blank (B162644-BLK1)				Prepared: 11	/07/16 Analy	vzed: 11/11/1	6			
Lead         5.0         μg/L         500         106         85-115           LCS Dup (B162644-BSD1)         Prepared: 11/07/16         Analyzed: 11/11/16         20           Batch B162654 - EPA 200.8         932         5.0         μg/L         500         106         85-115         0.164         20           Batch B162654-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16         20         20           LCS (B162654-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16         20           LCS (B162654-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16         20           LCS (B162654-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16         20           LCS (B162654-BLF1)         Source: 16J1461-01         Prepared: 11/07/16         Analyzed: 11/08/16           Lead         4.92         0.50         μg/L         2.32         0.305         20           Duplicate (B162654-BUF2)         Source: 16J1461-01         Prepared: 11/07/16         Analyzed: 11/08/16         232         0.305         20           Matrix Spike (B162654-MS1)         Source: 16J1461-02         Prepared: 11/07/16         Analyzed: 11/08/16         232         0.305         20           Matrix Spike (B162654-MS2)         Source: 16J1461-02	Lead	ND	0.50	μg/L	.1			-			
Lead         5.0         μg/L         500         106         85-115           LCS Dup (B162644-BSD1)         Prepared: 11/07/16         Analyzed: 11/11/16         20           Batch B162654 - EPA 200.8         932         5.0         μg/L         500         106         85-115         0.164         20           Batch B162654-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16         20         20           LCS (B162654-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16         20           LCS (B162654-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16         20           LCS (B162654-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16         20           LCS (B162654-BLF1)         Source: 16J1461-01         Prepared: 11/07/16         Analyzed: 11/08/16           Lead         4.92         0.50         μg/L         2.32         0.305         20           Duplicate (B162654-BUF2)         Source: 16J1461-01         Prepared: 11/07/16         Analyzed: 11/08/16         232         0.305         20           Matrix Spike (B162654-MS1)         Source: 16J1461-02         Prepared: 11/07/16         Analyzed: 11/08/16         232         0.305         20           Matrix Spike (B162654-MS2)         Source: 16J1461-02	LCS (B162644-BS1)				Prepared: 11	/07/16 Analy	vzed: 11/11/1	6			
Lead       532       5.0       µg/L       500       106       85-115       0.164       20         Batch B162654 - EPA 200.8       BBahk (B162654-BLK1)       Prepared: 11/07/16       Analyzed: 11/08/16	Lead	531	5.0	μg/L	-						
Lead       532       5.0       µg/L       500       106       85-115       0.164       20         Batch B162654 - EPA 200.8       BBahk (B162654-BLK1)       Prepared: 11/07/16       Analyzed: 11/08/16	LCS Dup (B162644-BSD1)				Prepared: 11	/07/16 Analy	vzed: 11/11/1	6			
Blank (B162654-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16           Lead         ND         0.50         µg/L           LCS (B162654-BS1)         Prepared: 11/07/16         Analyzed: 11/08/16           Lead         39.6         0.50         µg/L         40.0         98.9         85-115           Duplicate (B162654-DUP1)         Source: 16/1461-01         Prepared: 11/07/16         Analyzed: 11/08/16 $=$ Lead         4.92         0.50         µg/L         4.91         0.105         20           Duplicate (B162654-DUP2)         Source: 16/1461-01         Prepared: 11/07/16         Analyzed: 11/08/16 $=$ Lead         2.33         0.50         µg/L         2.32         0.305         20           Matrix Spike (B162654-MS1)         Source: 16/1461-01         Prepared: 11/07/16         Analyzed: 11/08/16 $=$ Lead         31.9         0.62         µg/L         25.0         4.91         108         70-130           Matrix Spike (B162654-MS2)         Source: 16/1461-02         Prepared: 11/07/16         Analyzed: 11/08/16 $=$ $=$ Matrix Spike (B162655-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16 $=$ $=$ $=$	Lead	532	5.0	μg/L	-				0.164	20	
Lead       ND       0.50 $\mu g/L$ LCS (B162654-BS1)       Prepared: 11/07/16       Analyzed: 11/08/16         Lead       39.6       0.50 $\mu g/L$ 40.0       98.9       85-115         Duplicate (B162654-DUP1)       Source: 16J1461-02       Prepared: 11/07/16       Analyzed: 11/08/16       20         Duplicate (B162654-DUP2)       Source: 16J1461-02       Prepared: 11/07/16       Analyzed: 11/08/16       20         Lead       2.33       0.50 $\mu g/L$ 2.32       0.305       20         Matrix Spike (B162654-MS1)       Source: 16J1461-02       Prepared: 11/07/16       Analyzed: 11/08/16       -         Lead       31.9       0.62 $\mu g/L$ 25.0       2.32       108       70-130         Matrix Spike (B162654-MS2)       Source: 16J1461-02       Prepared: 11/07/16       Analyzed: 11/08/16       -       -         Lead       29.6       0.62 $\mu g/L$ 25.0       2.32       109       70-130         Batch B162655 - EPA 200.8       Prepared: 11/07/16       Analyzed: 11/08/16       -       -       -         Lead       39.6       0.50 $\mu g/L$ 20.0       98.9       85-115       -         Lead <td>Batch B162654 - EPA 200.8</td> <td></td>	Batch B162654 - EPA 200.8										
Prepared: 11/07/16 Analyzed: 11/08/16         LCS (B162654-BS1)       Prepared: 10/07/16 Analyzed: 11/08/16         Duplicate (B162654-DUP1)       Source: 16J1461-01       Prepared: 11/07/16 Analyzed: 11/08/16         Duplicate (B162654-DUP2)       Source: 16J1461-02       Prepared: 11/07/16 Analyzed: 11/08/16         Duplicate (B162654-DUP2)       Source: 16J1461-02       Prepared: 11/07/16 Analyzed: 11/08/16         Lead       2.33       0.50       µg/L       2.32       0.305       20         Matrix Spike (B162654-MS1)       Source: 16J1461-01       Prepared: 11/07/16 Analyzed: 11/08/16       U       L         Lead       2.33       0.50       µg/L       2.50       4.91       108       70-130         Matrix Spike (B162654-MS2)       Source: 16J1461-02       Prepared: 11/07/16 Analyzed: 11/08/16       L       L         Lead       29.6       0.62       µg/L       25.0       2.32       108       70-130         Matrix Spike (B162654-MS2)       Source: 16J1461-02       Prepared: 11/07/16 Analyzed: 11/08/16       L       L         Lead       29.6       0.62       µg/L       25.0       2.32       109       70-130         Bank (B162655 - EPA 200.8       Prepared: 11/07/16 Analyzed: 11/08/16       P       P       P <th< td=""><td>Blank (B162654-BLK1)</td><td></td><td></td><td></td><td>Prepared: 11</td><td>/07/16 Analy</td><td>yzed: 11/08/1</td><td>6</td><td></td><td></td><td></td></th<>	Blank (B162654-BLK1)				Prepared: 11	/07/16 Analy	yzed: 11/08/1	6			
Lead       39.6       0.50 $\mu g/L$ 40.0       98.9       85-115         Duplicate (B162654-DUP1)       Source: 16J1461-01       Prepared: 11/07/16       Analyzed: 11/08/16       0.105       20         Duplicate (B162654-DUP2)       Source: 16J1461-02       Prepared: 11/07/16       Analyzed: 11/08/16       0.105       20         Duplicate (B162654-DUP2)       Source: 16J1461-02       Prepared: 11/07/16       Analyzed: 11/08/16       0.105       20         Matrix Spike (B162654-MS1)       Source: 16J1461-01       Prepared: 11/07/16       Analyzed: 11/08/16	Lead	ND	0.50	μg/L							
Source:         IGJ 1461-01         Prepared:         11/07/16         Analyzed:         11/08/16           Lead         4.92         0.50         µg/L         4.91         0.105         20           Duplicate (B162654-DUP2)         Source:         16/J1461-02         Prepared:         11/07/16         Analyzed:         11/08/16           Lead         2.33         0.50         µg/L         2.32         0.305         20           Matrix Spike (B162654-MS1)         Source:         16/J1461-01         Prepared:         11/07/16         Analyzed:         11/08/16	LCS (B162654-BS1)				Prepared: 11	/07/16 Analy	zed: 11/08/1	6			
Lead       4.92       0.50 $\mu g/L$ 4.91       0.105       20         Duplicate (B162654-DUP2)       Source: 16J1461-02       Prepared: 11/07/16       Analyzed: 11/08/16       0.005       20         Lead       2.33       0.50 $\mu g/L$ 2.32       0.305       20         Matrix Spike (B162654-MS1)       Source: 16J1461-01       Prepared: 11/07/16       Analyzed: 11/08/16	Lead	39.6	0.50	μg/L	40.0		98.9	85-115			
Source:         IG1         Prepared:         11/07/16         Analyzed:         11/08/16           Lead         2.33         0.50         µg/L         2.32         0.305         20           Matrix Spike (B162654-MS1)         Source:         IG1/461-01         Prepared:         11/07/16         Analyzed:         11/08/16           Lead         31.9         0.62         µg/L         25.0         4.91         108         70-130           Matrix Spike (B162654-MS2)         Source:         IG1/461-02         Prepared:         11/07/16         Analyzed:         11/08/16           Lead         31.9         0.62         µg/L         25.0         2.32         109         70-130           Matrix Spike (B162654-MS2)         Source:         IG1/461-02         Prepared:         11/07/16         Analyzed:         11/08/16           Lead         29.6         0.62         µg/L         25.0         2.32         109         70-130           Batch B162655 - EPA 200.8         Prepared:         11/07/16         Analyzed:         11/08/16           Lead         ND         0.50         µg/L         Prepared:         11/08/16         II/08/16           Lead         39.6         0.50         µg/L <td>Duplicate (B162654-DUP1)</td> <td>Sour</td> <td>ce: 16J1461-(</td> <td>)1</td> <td>Prepared: 11</td> <td>/07/16 Analy</td> <td>zed: 11/08/1</td> <td>6</td> <td></td> <td></td> <td></td>	Duplicate (B162654-DUP1)	Sour	ce: 16J1461-(	)1	Prepared: 11	/07/16 Analy	zed: 11/08/1	6			
Lead       2.33       0.50       μg/L       2.32       0.305       20         Matrix Spike (B162654-MS1)       Source: 16J1461-01       Prepared: 11/07/16       Analyzed: 11/08/16       20         Matrix Spike (B162654-MS2)       Source: 16J1461-02       Prepared: 11/07/16       Analyzed: 11/08/16       20         Matrix Spike (B162654-MS2)       Source: 16J1461-02       Prepared: 11/07/16       Analyzed: 11/08/16       20         Matrix Spike (B162655-BLK1)       Prepared: 11/07/16       Analyzed: 11/08/16       20         Blank (B162655-BLK1)       Prepared: 11/07/16       Analyzed: 11/08/16       20         Lead       ND       0.50       μg/L       20.0       98.9       85-115         Duplicate (B162655-DUP1)       Source: 16J1461-22       Prepared: 11/07/16       Analyzed: 11/08/16       20         Lead       7.26       0.50       μg/L       7.30       0.536       20         Duplicate (B162655-DUP2)       Source: 16J1461-23       Prepared: 11/07/16       Analyzed: 11/08/16       20         Duplicate (B162655-DUP2)       Source: 16J1461-23       Prepared: 11/07/16       Analyzed: 11/08/16       20	Lead	4.92	0.50	μg/L		4.91			0.105	20	
Lead       2.33       0.50 $\mu g/L$ 2.32       0.305       20         Matrix Spike (B162654-MS1)       Source: 16J1461-01       Prepared: 11/07/16       Analyzed: 11/08/16 $$	Duplicate (B162654-DUP2)	Sour	ce: 16J1461-(	)2	Prepared: 11	/07/16 Analy	zed: 11/08/1	6			
Lead       31.9       0.62       μg/L       25.0       4.91       108       70-130         Matrix Spike (B162654-MS2)       Source: 16J1461-02       Prepared: 11/07/16       Analyzed: 11/08/16          Lead       29.6       0.62       μg/L       25.0       2.32       109       70-130         Batch B162655 - EPA 200.8       Prepared: 11/07/16       Analyzed: 11/08/16         Lead       ND       0.50       μg/L       Quarter of the	Lead								0.305	20	
Matrix Spike (B162654-MS2)       Source: $16J1461-02$ Prepared: $11/07/16$ Analyzed: $11/08/16$ Lead       29.6       0.62       µg/L       25.0       2.32       109       70-130         Batch B162655 - EPA 200.8       Prepared: $11/07/16$ Analyzed: $11/08/16$ Blank (B162655-BLK1)       Prepared: $11/07/16$ Analyzed: $11/08/16$ Lead       ND       0.50       µg/L       Prepared: $11/07/16$ Analyzed: $11/08/16$ Lead       39.6       0.50       µg/L       40.0       98.9       85-115         Duplicate (B162655-DUP1)       Source: $16J1461-22$ Prepared: $11/07/16$ Analyzed: $11/08/16$ 20         Lead       7.26       0.50       µg/L       7.30       0.536       20	Matrix Spike (B162654-MS1)	Sour	ce: 16J1461-(	)1	Prepared: 11	/07/16 Analy	zed: 11/08/1	6			
Lead       29.6       0.62       μg/L       25.0       2.32       109       70-130         Batch B162655 - EPA 200.8         Blank (B162655 - EPA 200.8         Prepared: 11/07/16 Analyzed: 11/08/16         Lead       ND       0.50       μg/L         Prepared: 11/07/16 Analyzed: 11/08/16         LCS (B162655-BS1)       Prepared: 11/07/16 Analyzed: 11/08/16         Lead       39.6       0.50       μg/L       40.0       98.9       85-115         Duplicate (B162655-DUP1)       Source: 16J1461-22       Prepared: 11/07/16 Analyzed: 11/08/16         Lead       7.26       0.50       μg/L       7.30       0.536       20         Duplicate (B162655-DUP2)       Source: 16J1461-23       Prepared: 11/07/16 Analyzed: 11/08/16	Lead				25.0	4.91	108	70-130			
Lead       29.6       0.62       μg/L       25.0       2.32       109       70-130         Batch B162655 - EPA 200.8         Blank (B162655 - EPA 200.8         Prepared: 11/07/16       Analyzed: 11/08/16         Lead       ND       0.50       μg/L       Prepared: 11/07/16       Analyzed: 11/08/16         LCS (B162655-BS1)       Prepared: 11/07/16       Analyzed: 11/08/16         Lead       39.6       0.50       μg/L       40.0       98.9       85-115         Duplicate (B162655-DUP1)       Source: 16J1461-22       Prepared: 11/07/16       Analyzed: 11/08/16         Lead       7.26       0.50       μg/L       7.30       0.536       20         Duplicate (B162655-DUP2)       Source: 16J1461-23       Prepared: 11/07/16       Analyzed: 11/08/16	Matrix Spike (B162654-MS2)	Sour	ce: 16J1461-(	)2	Prepared: 11	/07/16 Analy	zed: 11/08/1	6			
Blank (B162655-BLK1)         Prepared: 11/07/16         Analyzed: 11/08/16           Lead         ND         0.50         μg/L           LCS (B162655-BS1)         Prepared: 11/07/16         Analyzed: 11/08/16           Lead         39.6         0.50         μg/L           Duplicate (B162655-DUP1)         Source: 16J1461-22         Prepared: 11/07/16         Analyzed: 11/08/16           Lead         7.26         0.50         μg/L         7.30         0.536         20           Duplicate (B162655-DUP2)         Source: 16J1461-23         Prepared: 11/07/16         Analyzed: 11/08/16         11/08/16	Lead				25.0	2.32	109	70-130			
Lead       ND       0.50       μg/L         LCS (BI62655-BS1)       Prepared: 11/07/16       Analyzed: 11/08/16         Lead       39.6       0.50       μg/L       40.0       98.9       85-115         Duplicate (BI62655-DUP1)       Source: 16J1461-22       Prepared: 11/07/16       Analyzed: 11/08/16	Batch B162655 - EPA 200.8										
Lead       ND       0.50       μg/L         LCS (BI62655-BS1)       Prepared: 11/07/16       Analyzed: 11/08/16         Lead       39.6       0.50       μg/L       40.0       98.9       85-115         Duplicate (BI62655-DUP1)       Source: 16J1461-22       Prepared: 11/07/16       Analyzed: 11/08/16	Blank (B162655-BLK1)				Prepared: 11	/07/16 Analy	/zed: 11/08/1	6			
Lead       39.6       0.50       μg/L       40.0       98.9       85-115         Duplicate (B162655-DUP1)       Source: 16J1461-22       Prepared: 11/07/16       Analyzed: 11/08/16         Lead       7.26       0.50       μg/L       7.30       0.536       20         Duplicate (B162655-DUP2)       Source: 16J1461-23       Prepared: 11/07/16       Analyzed: 11/08/16	Lead	ND	0.50	μg/L	-						
Lead       39.6       0.50       μg/L       40.0       98.9       85-115         Duplicate (B162655-DUP1)       Source: 16J1461-22       Prepared: 11/07/16       Analyzed: 11/08/16         Lead       7.26       0.50       μg/L       7.30       0.536       20         Duplicate (B162655-DUP2)       Source: 16J1461-23       Prepared: 11/07/16       Analyzed: 11/08/16	LCS (B162655-BS1)				Prepared: 11	/07/16 Analy	/zed: 11/08/1	6			
Lead         7.26         0.50         μg/L         7.30         0.536         20           Duplicate (B162655-DUP2)         Source: 16J1461-23         Prepared: 11/07/16         Analyzed: 11/08/16         20	Lead	39.6	0.50	μg/L	-						
Lead         7.26         0.50         μg/L         7.30         0.536         20           Duplicate (B162655-DUP2)         Source: 16J1461-23         Prepared: 11/07/16         Analyzed: 11/08/16         20	Duplicate (B162655-DUP1)	Sour	ce: 16J1461-2	22	Prepared: 11	/07/16 Analy	/zed: 11/08/1	6			
	Lead					-			0.536	20	
	Duplicate (B162655-DUP2)	Sour	ce: 16J1461-2	23	Prepared: 11	/07/16 Analy	/zed: 11/08/1	6			
	Lead					-			0.977	20	



#### QUALITY CONTROL

Metals Analyses (Total) - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B162655 - EPA 200.8										
Matrix Spike (B162655-MS1)	Sou	rce: 16J1461-2	22	Prepared: 1	1/07/16 Analy	yzed: 11/08/1	6			
Lead	34.2	0.62	μg/L	25.0	7.30	107	70-130			
Matrix Spike (B162655-MS2)	Sou	rce: 16J1461-2	23	Prepared: 1	1/07/16 Anal	yzed: 11/08/1	6			
Lead	41.4	0.62	μg/L	25.0	14.4	108	70-130			
Batch B162656 - EPA 200.8										
Blank (B162656-BLK1)				Prepared: 1	1/07/16 Anal	yzed: 11/08/1	6			
Lead	ND	0.50	μg/L							
LCS (B162656-BS1)				Prepared: 1	1/07/16 Anal	yzed: 11/08/1	6			
Lead	39.6	0.50	μg/L	40.0		98.9	85-115			
Duplicate (B162656-DUP1)	Sou	rce: 16J1461-4	41	Prepared: 1	1/07/16 Analy	yzed: 11/08/1	6			
Lead	2.33	0.50	μg/L		2.36			1.08	20	
Duplicate (B162656-DUP2)	Sou	rce: 16J1461-4	42	Prepared: 1	1/07/16 Analy	yzed: 11/08/1	6			
Lead	14.7	0.50	μg/L		14.7			0.346	20	
Matrix Spike (B162656-MS1)	Sou	rce: 16J1461-4	41	Prepared: 1	1/07/16 Analy	yzed: 11/08/1	6			
Lead	29.3	0.62	μg/L	25.0	2.36	108	70-130			
Matrix Spike (B162656-MS2)	Sou	rce: 16J1461-4	42	Prepared: 1	1/07/16 Analy	yzed: 11/08/1	6			
Lead	41.3	0.62	μg/L	25.0	14.7	107	70-130			
Batch B162670 - EPA 200.8										
Blank (B162670-BLK1)				Prepared: 1	1/07/16 Analy	yzed: 11/09/1	6			
Lead	ND	0.50	μg/L							
LCS (B162670-BS1)				Prepared: 1	1/07/16 Anal	yzed: 11/09/1	6			
Lead	39.0	0.50	μg/L	40.0		97.6	85-115			
Duplicate (B162670-DUP1)	Sou	rce: 16J1461-0	61	Prepared: 1	1/07/16 Anal	yzed: 11/09/1	6			
Lead	1.68	0.50	μg/L		1.69			0.712	20	
Duplicate (B162670-DUP2)	Sou	rce: 16J1461-0	62	Prepared: 1	1/07/16 Anal	yzed: 11/09/1	6			
Lead	ND	0.50	μg/L		ND			NC	20	
Matrix Spike (B162670-MS1)	Sou	rce: 16J1461-0	61	Prepared: 1	1/07/16 Anal	yzed: 11/09/1	6			
Lead	25.2	0.62	μg/L	25.0	1.69	93.9	70-130			



#### QUALITY CONTROL

Metals Analyses (Total) - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B162670 - EPA 200.8										
Matrix Spike (B162670-MS2)	Sour	ce: 16J1461-6	52	Prepared: 1	1/07/16 Anal	yzed: 11/09	/16			
Lead	24.2	0.62	μg/L	25.0	0.329	95.6	70-130			
Batch B162671 - EPA 200.8										
Blank (B162671-BLK1)				Prepared: 1	1/07/16 Anal	yzed: 11/09	/16			
Lead	ND	0.50	μg/L							
LCS (B162671-BS1)				Prepared: 1	1/07/16 Anal	yzed: 11/09	/16			
Lead	39.0	0.50	μg/L	40.0		97.6	85-115			
Duplicate (B162671-DUP1)	Sour	ce: 16J1461-8	81	Prepared: 1	1/07/16 Anal	yzed: 11/09	/16			
Lead	7.02	0.50	μg/L		7.01			0.257	20	
Duplicate (B162671-DUP2)	Sour	ce: 16J1461-8	32	Prepared: 1	1/07/16 Anal	yzed: 11/09	/16			
Lead	3.83	0.50	μg/L		3.89			1.38	20	
Matrix Spike (B162671-MS1)	Sour	ce: 16J1461-8	81	Prepared: 1	1/07/16 Anal	yzed: 11/09	/16			
Lead	29.2	0.62	μg/L	25.0	7.01	88.6	70-130			
Matrix Spike (B162671-MS2)	Sour	ce: 16J1461-8	32	Prepared: 1	1/07/16 Anal	yzed: 11/09	/16			
Lead	26.7	0.62	μg/L	25.0	3.89	91.4	70-130			



#### 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.



#### CERTIFICATIONS

#### Certified Analyses included in this Report

Analyte

Lead

#### Certifications

EPA	200.8	in	Drinking	Water
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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
СТ	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

	Lahoratories	Lead in Water Chain-of-Custody Form (For Mutti-Sample Projects) Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907 ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com.	ater Chain-of-Cus or Mutti-Sample Projects) one: (800) 347-4010 FA ABLE FOR ANALYSIS RES	Lead in Water Chain-of-Custody Form (For Multi-Sample Projects) Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907 VE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.	ENAILED	Analysis By: <b>CLA National Testing</b> Laboratories, Ltd.	ssting
		- - - - -				Quality Water Analysis	Indyse.
Company	Name: Sienna Enviro	Company Name: Sienna Environmental Lechnologies				~ For Lab Use Only	se Only ~
Address:	Address: 350 Elmwood Ave.	City/S	City/State/Zip: Buffalo,	Buffalo, NY 14222			
Phone: 7	Phone: 716-332-3134	Email: labresults@siennaet.com	ennaet.com	Fax: 716-332-3136	136	121-1201	
<b>Project N</b> <sup>e</sup>	me / Collection Address:	Project Name / Collection Address: KenTon CSD- Franklin Middle School	chool	city/state: Tonawanda, NY	<b>ι</b> , NΥ	Zip:	14150
(Required) Age of Property:	iperty: Well Tag	Well Tag # (If Applicable): Collected	ed by: Marlc	(Required) Beyer	Certifi	Certification #:	
SET #: _	2845-C Relir	Relinquished by: Mark Beyer		Signature:		Date: 7	, 30, 2016
TURN time.	TURNAROUND TIMES: 4 time. However due to increased w	<b>TURNAROUND TIMES: 4 – 5 Days</b> Every effort will be made to meet specified tur time. However due to increased water sampling across the nation, turnaround times will vary.	eet specified turnaround times will vary.	und Reporting Format:	mat:	Individual	AII
No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	collection Time	Metals	Field Parameters	LAB USE
					20058 Lead Copper Cfhe fa	Field pH at Temp. at time time of of Collection: Collection:	e Temp at : Time of Receipt:
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0d 0	FMS-K((-155-04	FMS-K(L-155-04 155, Partition, Easts de, 1ptt	09/30/2016	10312 Alton	>		175
S	FMS-K((~155-05	FMS-K((~155-05 155, Partition, East Side . Right	09/30/2016	1 0314 ANIPU	····		
0	FMS- KR- 155-06 155	155, Eastworll	09/30/2016	1031S	<b>&gt;</b>		14
01	FMS- KF(~ 155-07 158	158, Eastwall	09/30/2016	+ 0316 AM/PM	>		120
°.	FMS- KK - 155-08 158	158, west mail loft	09/30/2016	× 0317	· · · · · · · · · · · · · · · · · · ·		121
60 60	FMS-KFC-155-09/158, West Mult	158, westman 1 Right	09/30/2016	2 03/8 AMIPH	>		20 F
C10	FMS-BFC-134-10134	134, Bustwarl	09/30/2016	40331 ANIM			しんしん
			SEND WATER KI	PLEASE SEND WATER KIT SAMPLES TO THE FOLLOWING ADDRESS:	OWING ADDRFSS-		
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	Laboratories	ONLINE CLIENT PORTAL AVAIL	ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.ieadiab.com	.ieadiab.com	0	Laboratories, Itd.	Analysis	
	Company Name: Sienna Environmental Technologies	nmental Technologies	Account #: 33-5983	33		$\sim$ For Lab Use Only $\sim$	lse Only ~	
	Address: 350 Elmwood Ave.		City/State/Zip: Buffalo, NY 14222			Y		
	Phone: 716-332-3134	Email: labresults@siennaet.com	Fax:	716-332-3136				
	Project Name / Collection Address:	Project Name / Collection Address: KenTon CSD- Franklin Middle S	Citv/State:	Tonawanda, NY	)	Zin	, 14150	
	(Required) Age of Property: Well Tag	Weil Tag # (If Applicable): Collected by:	(Required) ad hv: Mark Rever		Cartification #			1
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	Client No. Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date Collection Time	Metals		Field Parameters	LAB USE	N .
	<u>i</u> zi			Copper	Other fie Col	Field pH at time of temp. at time time of collection:	ne Temp at n: Time of Receipt:	
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رم ا	12 YEMS-(5(-BR-12	Boiler Room (BR) Westwall	09/30/2016 4 0525	C 2010			7	
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ane	Received By: Received By:		DI EASE SEND MATED KIT SAMBI ES TO THE EOLI OMING ADDRESS.		DECC.			ו
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Client sample ID         Collection location (Ex. Kitchen Sink)         Collection Date (Ex. Kitchen Sink)         Collection Date (Ex. Kitchen Sink)         Collection Date (Ex. Kitchen Sink)         Metals         Field Parameters         UB (Ex. Kitchen Sink)           FMS- KR- IX- 6/1         IGAC         /uc/ H/ uc/11         09(30/2016         0 /u/ 1         01/01         Field Parameters         UG (Collection           FMS- KR- IX- 6/1         IGAC         /uc/ H/ uc/11         09(30/2016         0 /u/ 1         01/01         Field Parameters         UG (Collection           FMS- KR- IX- 6/1         IGAC         /uc/ H/ uc/11         09(30/2016         0 /u/ 1         01/01         Field Parameters         UG (Collection           FMS- KR- IXA- 6/1         IGAC         /uc/ H/ uc/11         09(30/2016         0 /u/ 1         0/u/ 1         Field Parameters         UG (Collection           FMS- KR- IXA- 6/1         IGAC         /uc/ H/ uc/11         09(30/2016         0 /u/ 1         0/u/ 1         Field Parameters         UG (Collection           FMS- BR- clip F         IGAC         /uc/ H/ uc/11         09(30/2016         0 /u/ 4         0/u/ 7         Field Parameters         0/u/ 1           FMS- BR- clip F         IGAC         /uc/ 4         0/u/ 1         0/u/ 1         /u/u/ 1         /u/u/u/ 1         <	ELERIS       Security         Laboratories       Laboratories         Laboratories       Sienna Enviror         Address       350 Elmwood Ave.         Phone:       716-332-3134         Phone:       716-332-3134         Project Name / Collection Address:       Mell Tag         Age of Property:       well Tag         SET #:       2845-C       Relin         TURNAROUND TIMES:       4-	EMSING       ENVIRONMENTAL HAZARDS SERVICES, LLC         Lead in Water Chain-of-Custody Form       EM         Laboratories       Environmental fead in Water Chain-of-Custody Form       EN         Laboratories       Environmental fead in Water Chain-of-Custody Form       EN         Address       Sienna Environmental Technologies       Account #: Sienta States (SM) 375-4907       EN         Address       Sienna Environmental Technologies       Account #: Sienta States (SM) 375-4907       EN         Address       Sienna Environmental Technologies       Account #: Si-4903       Siena States (SM) 375-4907       EN         Address       Sienna Environmental Technologies       Account #: Si-4903       Siena States (SM) 375-4907       EN         Address       Sienna Environmental Technologies       City/state (SM) 375-4907       Account #: SI-4907       EN         Address       Sienna Environmental Technologies       City/state (SM) 375-4907       Modeles       Modeles         Phone:       T16-332-3134       Environmental Technologies       City/state       Environmental Environmentet Envice Environmental Environmental Environmental En	DNMENTAL HAZARDS SERVICE:         Lead in Water Chain-of-Custody Form (For Multi-Sample Projects)         nond, VA - Phone: (800) 347-4010 FAX: (804) 275-49         ORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www         Signature:	ENVIRONMENTAL HAZARDS SERVICES, LLC         Lead in Water Chain-of-Custody Form         fror Mutti-sample Projects)         Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907         VE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com/         Chologies         Account #: 33-5983         Baltesults@siennaet.com         Famil: [abresults@siennaet.com         Acount #: [abresults@siennaet.com         Anar         Anar	EMAILED com0CT 1 0 2016 a, NY mat: Certification #	COBSO Analysis By Analysis By Analysis By Control I I Control I I I Control I I Control I I Control I I Control I I Control I I I Control I I Control I I I I Control I I I I I I Control I I I I I I I I I I I I I I I I I I I	all 14150
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IGAC       Northwall       09/30/2016 $OY44$ $M_{m,m}$ $V$ /</th <th></th> <th></th> <th></th> <th></th> <th>Copper</th> <th></th> <th>Temp at Time of Receipt:</th>					Copper		Temp at Time of Receipt:
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39 Spruce St. East Longmeadow, MA. 01028 P: 413-525-2332		NALYTICAL LABORA		Table of Cor
F: 413-525-6405 www.contestlabs.com	Sample Re	<u>ceipt Checklist</u>	Pag	ge 1 of 2 <i>〕 と</i> 汚
CLIENT NAME: EHS		RECEIVED BY: EB	DAT	alikulta katalah katala Katalah katalah
1) Was the chain(s) of custody I	elinquished and sigr	ned? Yes 🧹	No	No COC Incl.
2) Does the chain agree with the If not, explain:	∋ samples?	Yes 🧹	No	
3) Are all the samples in good c If not, explain:	ondition?	Yes 📝	_ No	
4) How were the samples receiv	ed:	¢		
On Ice Direct from S	ampling	Ambient In Cod	oler(s)	
Were the samples received in Te	mperature Complian	ice of (2-6°C)? Yes	Nc	N/A
Temperature °C by Temp blank		Temperature °C by Temp		
5) Are there Dissolved samples	for the lab to filter?	Yes	No	<u> </u>
Who was notified				/
6) Are there any RUSH or SHOR			No 🗸	• •
Who was notified	Date			
		Permission to	subcontract	samples? Yes No
7) Location where samples are stor	ed:	_ (Walk-in clier	nts only) if no	t already approved
	Logi	Client Signati	ure:	
8) Do all samples have the prop	er Acid pH: Yes	<u> </u>		
9) Do all samples have the prop	er Base pH: Yes	No N/A	$\checkmark$	
10) Was the PC notified of any d	screpancies with the	CoC vs the samples:	Yes	N/A
C	ontainers rec	eived at Con-To	est	
	# of containers		····	# of containers
1 Liter Amber		16 oz am		
500 mL Amber		8 oz amber/c		
250 mL Amber (8oz amber)		4 oz amber/c		
1 Liter Plastic		2 oz amber/o		
500 mL Plastic	0.0	Plastic Bag /		
250 mL plastic	90	SOC K		
40 mL Vial - type listed below		Perchloral		
Colisure / bacteria bottle			DOHE	
Disselved Owersen hettle		Flashpoint Other class		
Dissolved Oxygen bottle		Other glas	s jar	
Encoro	Hed wolving	Other glas	s jar	labled 40 and
	ited volume, o matched s	Other glas	s jar	labled 40, and
Encore Sample 21 has lim 37 on cap, All inf		Other glas Other Sample 37 Bot Sample 37,	s jar	
Encore Sample 21 has lim 37 on cap, All inf 40 mL vials: # HCl	# Meth	Other glas Other Sample 37, Bot Sample 37,	sjar He Was	
Encore Sample 21 has lim 37 on Cop, All inf 40 mL vials: #HCI Doc# 277 #Bisulfate	# Meth	Other glas Other Sample 37, Bot Sample 37,	sjar He Was	

#### Page 2 of 2 <u>Login Sample Receipt Checklist</u> (Rejection Criteria Listing - Using Sample Acceptance Policy) Any False statement will be brought to the attention of Client

Question	Answer (True/F	
	T/F/NA	
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	<u> </u>	
3) Samples were received on ice.	F	Received in Cordboard box
4) Cooler Temperature is acceptable.	T	Metals Analysis
5) Cooler Temperature is recorded.	T	20.1 with gun
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.	Т	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.		
11) Sample containers have legible labels.		
12) Contais are not broken or leaking.	<u> </u>	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	, , ,	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	Τ	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	F	limited volume sample 21,
19) Trip blanks provided if applicable.	NIA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	Ť	
Who notified of Fals Doc #277 Rev. 4 August 2013 Log-In Technician I		Date/Time: Date/Time: 11/2/16 13.03
		13:03



November 14, 2016

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

Project Location: KenTon CSD- Franklin Middle School Client Job Number: Project Number: 2845-C Laboratory Work Order Number: 16J1464

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 S. Kelley

Meghan E. Kelley Project Manager

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	16J1464-37	44
	16J1464-38	45
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Environmental Hazards Services, LLC 7469 White Pine Road Richmond, VA 23237 ATTN: Greg Brown

REPORT DATE: 11/14/2016

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2845-C

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 16J1464

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- Franklin Middle School

		MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
FMS- CFC-279-91	16J1464-01	Drinking Water	279, West wall	EPA 200.8	
FMS- CFC-279-92	16J1464-02	Drinking Water	279, North wall	EPA 200.8	
FMS- CFC-281-93	16J1464-03	Drinking Water	281, Center island	EPA 200.8	
FMS- CFC-281-94	16J1464-04	Drinking Water	281, West wall	EPA 200.8	
FMS- CFC-281-95	16J1464-05	Drinking Water	281, North wall	EPA 200.8	
FMS- CFC-283-96	16J1464-06	Drinking Water	283, Center island	EPA 200.8	
FMS- CFC-283-97	16J1464-07	Drinking Water	283, West wall	EPA 200.8	
FMS- CFC-283-98	16J1464-08	Drinking Water	283, North wall	EPA 200.8	
FMS- WC- A206-99	16J1464-09	Drinking Water	A206, West wall	EPA 200.8	
FMS- BFC-206E-100	16J1464-10	Drinking Water	206E, South wall, left	EPA 200.8	
FMS- BFC-200E-101	16J1464-11	Drinking Water	South wall, Right, 206E	EPA 200.8	
FMS- BFC-305E-102	16J1464-12	Drinking Water	305E, North wall, left	EPA 200.8	
FMS- BFC-305E-103	16J1464-13	Drinking Water	305E, North wall, middle	EPA 200.8	
FMS- BFC-305E-104	16J1464-14	Drinking Water	305E, North wall, Right	EPA 200.8	
FMS- WC-A305-105	16J1464-15	Drinking Water	A305, West wall	EPA 200.8	
FMS- CFC-383-106	16J1464-16	Drinking Water	383, West wall	EPA 200.8	
FMS- CFC-384-107	16J1464-17	Drinking Water	384, North wall	EPA 200.8	
FMS- BFC-384-108	16J1464-18	Drinking Water	384, East wall	EPA 200.8	
FMS- CFC-381-109	16J1464-19	Drinking Water	381, West wall left	EPA 200.8	
FMS- CFC-381-110	16J1464-20	Drinking Water	381, West wall right	EPA 200.8	
FMS- CFC-381-111	16J1464-21	Drinking Water	381, East wall	EPA 200.8	
FMS- CFC-381-112	16J1464-22	Drinking Water	381, North wall	EPA 200.8	
FMS- CFC-379-113	16J1464-23	Drinking Water	379, South wall	EPA 200.8	
FMS- CFC-375-114	16J1464-24	Drinking Water	375, West wall	EPA 200.8	
FMS- CFC-375-115	16J1464-25	Drinking Water	375, West wall	EPA 200.8	
FMS- CFC-375-116	16J1464-26	Drinking Water	375, East wall	EPA 200.8	
FMS- CFC-375-117	16J1464-27	Drinking Water	375 North wall	EPA 200.8	
FMS- WC-A305-118	16J1464-28	Drinking Water	A305, East wall	EPA 200.8	
FMS- BFC-305B-119	16J1464-29	Drinking Water	305B, Southwall, left	EPA 200.8	
FMS-BFC-305B-120	16J1464-30	Drinking Water	305B, South wall, Right	EPA 200.8	
FMS- CFC-369-121	16J1464-31	Drinking Water	369, Southwall	EPA 200.8	
FMS- CFC-369-122	16J1464-32	Drinking Water	369, Westwall	EPA 200.8	
FMS- CFC-307-123	16J1464-33	Drinking Water	307, South wall	EPA 200.8	
FMS- CFC-307-124	16J1464-34	Drinking Water	307, West wall	EPA 200.8	
FMS- WC-A302-125	16J1464-35	Drinking Water	A302, North wall	EPA 200.8	
FMS- BFC-366-126	16J1464-36	Drinking Water	366, North wall	EPA 200.8	
FMS- CFC-305-127	16J1464-37	Drinking Water	365, South wall	EPA 200.8	
FMS- BFC-301C-128	16J1464-38	Drinking Water	301C, North wall, left	EPA 200.8	
FMS- BFC-301C-129	16J1464-39	Drinking Water	301C, North wall, Middle	EPA 200.8	
FMS- BFC-301-130	16J1464-40	Drinking Water	301C, North wall, Right	EPA 200.8	
FMS- WC-A301-131	16J1464-41	Drinking Water	A301, west wall	EPA 200.8	



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

REPORT DATE: 11/14/2016

PURCHASE ORDER NUMBER:

Ref Orth Darie. 11/1 #20

PROJECT NUMBER: 2845-C

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 16J1464

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- Franklin Middle School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
FMS- BFC-301A-132	16J1464-42	Drinking Water	301A, North wall, left	EPA 200.8	
FMS-BFC-301A-133	16J1464-43	Drinking Water	301A, North wall, Right	EPA 200.8	
FMS- WC-A301-134	16J1464-44	Drinking Water	A301, East wall	EPA 200.8	



CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report. REVISED REPORT - 11/14/2016 - 16J1464-15, -19 & -20 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.

Meghan S. Kelley

Meghan E. Kelley Project Manager



15

0.50

# Lead

39 Spr	ice Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332	
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 279, West wall	Work Order: 16J1464
Date Received: 11/2/2016		
Field Sample #: FMS- CFC-279-91	Sampled: 10/31/2016 05:28	
Sample ID: 16J1464-01		
Sample Matrix: Drinking Water		
	Metals Analyses (Total)	
	MCL/SMCL	Date Date/Time
Analyte Res	lts RL MAORSG Units Dilution Flag/Oual Method	Prepared Analyzed Analys

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MJH



# Lead

39 Spr	uce Street *	East Longm	neadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	279, North	wall			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-279-92	Sampled:	10/31/2016	05:28						
Sample ID: 16J1464-02									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	lts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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# Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	1028 * FAX 4	13/525-6405 * TE	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	281, Center	island			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-281-93	Sampled:	10/31/2016	05:31						
Sample ID: 16J1464-03									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	-				Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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# Lead

39 Spr	uce Street *	East Longm	neadow, MA 0	1028 * FAX 4	13/525-6405 * TEI	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	281, West w	all			Work Order	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-281-94	Sampled:	10/31/2016	05:31						
Sample ID: 16J1464-04									
Sample Matrix: Drinking Water									
			Metals Ana	yses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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# Lead

39 Spr	uce Street * East Longr	meadow, MA 0	1028 * FAX 4	13/525-6405 * TEI	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	281, North v	vall			Work Order	:: 16J1464	
Date Received: 11/2/2016								
Field Sample #: FMS- CFC-281-95	Sampled: 10/31/2016	5 05:32						
Sample ID: 16J1464-05								
Sample Matrix: Drinking Water								
		Metals Ana	yses (Total)					
	MCL/SMC	CL				Date	Date/Time	
Analyte Res	ilts RL MAORSO	G Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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11/8/16 9:19

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# Lead

39 Spi	ruce Street * I	East Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	283, Center	island			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-283-96	Sampled:	10/31/2016	05:37						
Sample ID: 16J1464-06									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

11/7/16

11/8/16 9:21

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# Lead

	uce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332	
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 283, West wall	Work Order: 16J1464
Date Received: 11/2/2016		
Field Sample #: FMS- CFC-283-97	Sampled: 10/31/2016 05:38	
Sample ID: 16J1464-07		
Sample Matrix: Drinking Water		
	Metals Analyses (Total)	
	MCL/SMCL	Date Date/Time
Analyte Res	lts RL MAORSG Units Dilution Flag/Oual Method	Prepared Analyzed Analys

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EPA 200.8

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11/8/16 9:22

MJH



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# Lead

39 Spr	e Street * East Longmeadow, MA 0102	8 * FAX 413/525-6405 * TEL. 41	3/525-2332	
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 283, North wall		Work Orde	r: 16J1464
Date Received: 11/2/2016				
Field Sample #: FMS- CFC-283-98	Sampled: 10/31/2016 05:38			
Sample ID: 16J1464-08				
Sample Matrix: Drinking Water				
	Metals Analyses	(Total)		
	MCL/SMCL		Date	Date/Time
Analyte Resu	s RL MAORSG Units D	Dilution Flag/Qual	Method Prepared	Analyzed Analyst

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EPA 200.8

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11/8/16 9:24

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Lead

39 Spr	uce Street * East Long	meadow, MA	01028 * FAX 4	13/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	A206, West	wall			Work Order:	16J1464	
Date Received: 11/2/2016								
Field Sample #: FMS- WC- A206-99	Sampled: 10/31/201	6 05:41						
Sample ID: 16J1464-09								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SM	CL				Date	Date/Time	
Analyte Resu	ilts RL MAORS	G Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street *	East Longm	neadow, MA (	01028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	206E, South	h wall, left			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- BFC-206E-100	Sampled:	10/31/2016	05:44						
Sample ID: 16J1464-10									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * E	ast Longm	neadow, MA 0	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	scription:	South wall,	Right, 206E			Work Order	: 16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- BFC-200E-101	Sampled:	10/31/2016	05:44						
Sample ID: 16J1464-11									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Rest	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

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Lead

39 Spr	uce Street *	East Longme	adow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	Description:	305E, North	n wall, left			Work Orde	r: 16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- BFC-305E-102	Sampled:	10/31/2016 0	5:51						
Sample ID: 16J1464-12									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCL					Date	Date/Time	
Analyte Rest	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analys

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Lead

39 Spr	uce Street * E	ast Longm	neadow, MA (	)1028 * FAX 4	13/525-6405 * TE	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Des	scription:	305E, North	n wall, middle			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- BFC-305E-103	Sampled: 1	0/31/2016	05:53						
Sample ID: 16J1464-13									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	ilts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

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11/8/16 9:36



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Lead

39 Spr	uce Street *	East Longm	neadow, MA 0	1028 * FAX 4	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	305E, North	wall, Right			Work Order	: 16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- BFC-305E-104	Sampled:	10/31/2016	05:55						
Sample ID: 16J1464-14									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	Ĺ				Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	A305, West	wall			Work Order	: 16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- WC-A305-105	Sampled:	10/31/2016	05:59						
Sample ID: 16J1464-15									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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11/8/16 9:39



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# Lead

39 Spr	ruce Street * East Loi	ngmeadow, MA	01028 * FAX 4	13/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description	n: 383, West v	vall			Work Order	r: 16J1464	
Date Received: 11/2/2016								
Field Sample #: FMS- CFC-383-106	Sampled: 10/31/20	016 06:03						
Sample ID: 16J1464-16								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/S	MCL				Date	Date/Time	
Analyte Res	ults RL MAOI	RSG Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

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Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	384, North	wall			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-384-107	Sampled:	10/31/2016	06:06						
Sample ID: 16J1464-17									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

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11/8/16 9:43



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Lead

39 Spr	uce Street * East Longr	meadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	384, East w	all			Work Order	: 16J1464	
Date Received: 11/2/2016								
Field Sample #: FMS- BFC-384-108	Sampled: 10/31/2016	06:08						
Sample ID: 16J1464-18								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	L				Date	Date/Time	
Analyte Res	ults RL MAORSO	G Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

11/7/16

11/8/16 9:44



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# Lead

39 Spr	uce Street * East	Longmeadow, M	A 01028 * FAX	13/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Descrip	ption: 381, Wes	st wall left			Work Order	:: 16J1464	
Date Received: 11/2/2016								
Field Sample #: FMS- CFC-381-109	Sampled: 10/3	1/2016 06:11						
Sample ID: 16J1464-19								
Sample Matrix: Drinking Water								
		Metals A	nalyses (Total)					
	мс	CL/SMCL				Date	Date/Time	
Analyte Res	ults RL M	A ORSG Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

11/7/16

11/8/16 9:46

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# Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	381, West w	all right			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-381-110	Sampled:	10/31/2016	06:13						
Sample ID: 16J1464-20									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	-				Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

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EPA 200.8

11/7/16

11/8/16 9:48

MJH



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# Lead

39 Spr	uce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332	
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 381, East wall	Work Order: 16J1464
Date Received: 11/2/2016		
Field Sample #: FMS- CFC-381-111	Sampled: 10/31/2016 06:15	
Sample ID: 16J1464-21		
Sample Matrix: Drinking Water		
	Metals Analyses (Total)	
	MCL/SMCL	Date Date/Time
Analyte Res	lts RL MA ORSG Units Dilution Flag/Oual Method	Prepared Analyzed Analys

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EPA 200.8

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11/8/16 9:09



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# Lead

	ce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332	
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 381, North wall	Work Order: 16J1464
Date Received: 11/2/2016		
Field Sample #: FMS- CFC-381-112	Sampled: 10/31/2016 06:16	
Sample ID: 16J1464-22		
Sample Matrix: Drinking Water		
	Metals Analyses (Total)	
	MCL/SMCL	Date Date/Time
Analyte Res	lts RL MAORSG Units Dilution Flag/Oual Method	Prepared Analyzed Analys

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11/8/16

11/8/16 9:21

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# Lead

39 Spr	Ice Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332	
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 379, South wall	Work Order: 16J1464
Date Received: 11/2/2016		
Field Sample #: FMS- CFC-379-113	Sampled: 10/31/2016 06:19	
Sample ID: 16J1464-23		
Sample Matrix: Drinking Water		
	Metals Analyses (Total)	
	MCL/SMCL	Date Date/Time
Analyte Resi	lts RL MAORSG Units Dilution Flag/Oual Method	Prepared Analyzed Analyst

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11/8/16 9:26



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Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	01028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	375, West w	vall			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-375-114	Sampled:	10/31/2016	06:21						
Sample ID: 16J1464-24									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/8/16

11/8/16 9:30



0.50

15

 $\mu g/L$ 

Lead

39 Spr	uce Street * E	East Longm	eadow, MA (	1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	scription:	375, West w	all			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-375-115	Sampled:	10/31/2016	06:21						
Sample ID: 16J1464-25									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI					Date	Date/Time	
Analyte Resu	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analys

1

EPA 200.8

11/8/16

11/8/16 9:34



0.50

15

# Lead

39 Spr	uce Street * East Longme	adow, MA 01028 * FAX	413/525-6405 * TEL	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	375, East wall			Work Order:	16J1464	
Date Received: 11/2/2016							
Field Sample #: FMS- CFC-375-116	Sampled: 10/31/2016 0	6:21					
Sample ID: 16J1464-26							
Sample Matrix: Drinking Water							
		Metals Analyses (Total)					
	MCL/SMCL				Date	Date/Time	
Analyte Res	ilts RL MAORSG	Units Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/8/16

11/8/16 9:47

MJH



39	Spruce S	treet * E	East Longm	neadow, MA 0	1028 * FAX 4	413/525-6405 * T	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle S	Sc Sa	mple De	escription:	375 North w	vall			Work Order:	16J1464	
Date Received: 11/2/2016										
Field Sample #: FMS- CFC-375-117										
Sample ID: 16J1464-27	St	art Date/	Time: 10/31	/2016 6:21:00	AM					
Sample Matrix: Drinking Water	St	op Date/	Time: 10/31	1/2016 6:23:00	DAM					
				Metals Ana	lyses (Total)					
			MCL/SMCI	L				Date	Date/Time	
Analyte	Results	RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Lead	14	0.50	15	μg/L	1		EPA 200.8	11/8/16	11/8/16 9:51	MJH



ND

0.50

15

 $\mu g/L$ 

Lead

39 Spr	uce Street *	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	A305, East	wall			Work Order	r: 16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- WC-A305-118	Sampled:	10/31/2016	06:23						
Sample ID: 16J1464-28									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/8/16

11/8/16 9:55



0.50

15

 $\mu g/L$ 

Lead

00.0				10/505 0 /05 + TEI	440/505 0000			
39 Spr	uce Street * East Longn	neadow, MA	01028 * FAX 4	13/525-6405 * TEL	413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description:	305B, Sout	nwall, left			Work Order	:: 16J1464	
Date Received: 11/2/2016								
Field Sample #: FMS- BFC-305B-119	Sampled: 10/31/2016	06:23						
Sample ID: 16J1464-29								
Sample Matrix: Drinking Water								
		Metals Ana	lyses (Total)					
	MCL/SMC	L				Date	Date/Time	
Analyte Resu	llts RL MAORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/8/16

11/8/16 9:59



39 \$	Spruce St	treet * E	East Longm	eadow, MA 0	1028 * FAX	413/525-6405 * -	TEL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle S	Se Sai	mple De	escription:	305B, South	n wall, Right			Work Order	: 16J1464	
Date Received: 11/2/2016										
Field Sample #: FMS-BFC-305B-120										
Sample ID: 16J1464-30	Sta	rt Date/	Time: 9/30/2	2016 6:23:00A	AM					
Sample Matrix: Drinking Water	Sto	op Date/	Time: 10/31	/2016 12:00:0	0AM					
				Metals Ana	lyses (Total)					
			MCL/SMCI	2				Date	Date/Time	
Analyte H	Results	RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Lead	4.5	0.50	15	$\mu g/L$	1		EPA 200.8	11/8/16	11/8/16 10:04	MJH



39 Spru	ce Street * I	East Longm	neadow, MA 0	1028 * FAX 4	413/525-6405 * T	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	369, Southw	all			Work Order	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-369-121									
Sample ID: 16J1464-31	Start Date/	/Time: 9/30/2	2016 6:27:00A	M					
Sample Matrix: Drinking Water	Stop Date/	Time: 10/3	1/2016 12:00:0	0AM					
			Metals Ana	lyses (Total)					
		MCL/SMC	L				Date	Date/Time	
Analyte Resu	lts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Lead 3.4	0.50	15	$\mu g/L$	1		EPA 200.8	11/8/16	11/8/16 10:08	MJH



39 Sp	oruce Street *	East Longn	neadow, MA 0	)1028 * FAX 4	13/525-6405 * T	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	369, Westwa	all			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-369-122									
Sample ID: 16J1464-32	Start Date	/Time: 9/30/	2016 6:28:00A	AM					
Sample Matrix: Drinking Water	Stop Date	Time: 10/3	1/2016 12:00:0	0AM					
			Metals Ana	lyses (Total)					
		MCL/SMC	L				Date	Date/Time	
Analyte Re	sults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Lead	0.50	15	$\mu g/L$	1		EPA 200.8	11/8/16	11/8/16 10:12	MJH



39 S	pruce Stre	et * E	ast Longme	eadow, MA 0	1028 * FAX 4	13/525-6405 * T	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Samp	le Des	scription:	307, South v	wall			Work Order	: 16J1464	
Date Received: 11/2/2016										
Field Sample #: FMS- CFC-307-123										
Sample ID: 16J1464-33	Start	Date/7	Time: 9/30/20	016 6:28:00A	M					
Sample Matrix: Drinking Water	Stop	Date/T	Time: 10/31/	2016 12:00:0	0AM					
				Metals Ana	lyses (Total)					
			MCL/SMCL					Date	Date/Time	
Analyte R	esults	RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Lead	26 0	0.50	15	μg/L	1		EPA 200.8	11/8/16	11/8/16 10:16	MJH



39 Spi	uce Street * I	East Longn	neadow, MA 0	)1028 * FAX 4	13/525-6405 * T	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	307, West w	all			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-307-124									
Sample ID: 16J1464-34	Start Date	/Time: 9/30/2	2016 6:28:00A	AM					
Sample Matrix: Drinking Water	Stop Date/	Time: 10/3	1/2016 12:00:0	0AM					
			Metals Ana	lyses (Total)					
		MCL/SMC	L				Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Lead 3.	9 0.50	15	$\mu g/L$	1		EPA 200.8	11/8/16	11/8/16 10:21	MJH



39 \$	Spruce Stree	et * East Longn	neadow, MA (	01028 * FAX	413/525-6405 * T	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle So	c Sampl	e Description:	A302, North	h wall			Work Orde	r: 16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- WC-A302-125									
Sample ID: 16J1464-35	Start I	Date/Time: 9/30/	2016 6:29:004	AM					
Sample Matrix: Drinking Water	Stop I	Date/Time: 10/3	1/2016 12:00:0	00AM					
			Metals Ana	lyses (Total)					
		MCL/SMC	L				Date	Date/Time	
Analyte	Results I	RL MAORSG	G Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Lead	2.8 0	.50 15	μg/L	1		EPA 200.8	11/8/16	11/8/16 10:25	MJH



39 \$	Spruce St	reet * Ea	ast Longm	neadow, MA 0	1028 * FAX	413/525-6405 * T	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Section 2012	c Sar	nple Des	cription:	366, North w	vall			Work Order	: 16J1464	
Date Received: 11/2/2016										
Field Sample #: FMS- BFC-366-126										
Sample ID: 16J1464-36	Sta	rt Date/T	ime: 9/30/2	2016 6:31:00A	М					
Sample Matrix: Drinking Water	Sto	p Date/T	ime: 10/31	/2016 12:00:00	)AM					
				Metals Anal	yses (Total)					
			MCL/SMCI	L				Date	Date/Time	
Analyte	Results	RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Lead	4.2	0.50	15	μg/L	1		EPA 200.8	11/8/16	11/8/16 10:38	MJH



39 Spr	uce Street *	East Longn	neadow, MA 0	1028 * FAX	413/525-6405 * T	EL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	365, South v	all			Work Order	r: 16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- CFC-305-127									
Sample ID: 16J1464-37	Start Date	e/Time: 9/30/	2016 6:31:00A	М					
Sample Matrix: Drinking Water	Stop Date	/Time: 10/3	1/2016 12:00:0	)AM					
			Metals Ana	yses (Total)					
		MCL/SMC	L				Date	Date/Time	
Analyte Resu	ilts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
# Lead 43	0.50	15	μg/L	1		EPA 200.8	11/8/16	11/8/16 10:42	MJH



39 S	pruce Street	* East Longn	neadow, MA (	01028 * FAX 4	413/525-6405 * 7	FEL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample 1	Description:	301C, North	h wall, left			Work Order	: 16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- BFC-301C-128									
Sample ID: 16J1464-38	Start Da	e/Time: 9/30/2	2016 6:33:004	AM					
Sample Matrix: Drinking Water	Stop Dat	e/Time: 10/3	1/2016 12:00:0	00AM					
			Metals Ana	lyses (Total)					
		MCL/SMC	L				Date	Date/Time	
Analyte Re	esults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Lead	5.6 0.50	15	$\mu g/L$	1		EPA 200.8	11/8/16	11/8/16 10:46	MJH



39 S	pruce Street	* East Longn	neadow, MA (	01028 * FAX 4	13/525-6405 * 1	FEL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample	Description:	301C, North	h wall, Middle			Work Order	:: 16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- BFC-301C-129									
Sample ID: 16J1464-39	Start D	ate/Time: 9/30/	2016 6:34:004	AM					
Sample Matrix: Drinking Water	Stop D	ate/Time: 10/3	1/2016 12:00:0	00AM					
			Metals Ana	lyses (Total)					
		MCL/SMC	L				Date	Date/Time	
Analyte R	esults R	L MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Lead	2.0 0.5	50 15	$\mu g/L$	1		EPA 200.8	11/8/16	11/8/16 10:50	MJH



39 Sp	ruce Street *	East Longm	neadow, MA 0	)1028 * FAX 4	13/525-6405 * -	TEL. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	301C, North	n wall, Right			Work Orde	r: 16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- BFC-301-130									
Sample ID: 16J1464-40	Start Date	/Time: 9/30/2	2016 6:34:00A	AM					
Sample Matrix: Drinking Water	Stop Date	/Time: 10/31	/2016 12:00:0	0AM					
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Res	sults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
Lead 1	.4 0.50	15	$\mu g/L$	1		EPA 200.8	11/8/16	11/8/16 10:55	MJH



0.50

15

Lead

39 Spr	uce Street * I	East Longm	eadow, MA (	)1028 * FAX 4	13/525-6405 * TE	L. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample De	escription:	A301, west	wall			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- WC-A301-131	Sampled:	9/30/2016 0	0:00						
Sample ID: 16J1464-41									
Sample Matrix: Drinking Water									
			Metals Ana	lyses (Total)					
		MCL/SMCI	L				Date	Date/Time	
Analyte Resu	ılts RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/8/16

11/9/16 6:05

MJH



0.50

15

Lead

39 Spr	Street * East Longmeadow, MA 01028 * FAX 413/5	525-6405 * TEL. 413/525-2332	
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 301A, North wall, left	Work Order:	16J1464
Date Received: 11/2/2016			
Field Sample #: FMS- BFC-301A-132	Sampled: 9/30/2016 00:00		
Sample ID: 16J1464-42			
Sample Matrix: Drinking Water			
	Metals Analyses (Total)		
	MCL/SMCL	Date	Date/Time
Analyte Resu	RL MAORSG Units Dilution F	Flag/Qual Method Prepared	Analyzed Analyst

1

EPA 200.8

11/8/16

11/9/16 6:14

MJH



15

0.50

Lead

39 Spr	uce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332	2
Project Location: KenTon CSD- Franklin Middle Sc	Sample Description: 301A, North wall, Right	Work Order: 16J1464
Date Received: 11/2/2016		
Field Sample #: FMS-BFC-301A-133	Sampled: 9/30/2016 00:00	
Sample ID: 16J1464-43		
Sample Matrix: Drinking Water		
	Metals Analyses (Total)	
	MCL/SMCL	Date Date/Time
Analyte Resu	lts RL MAORSG Units Dilution Flag/Qual Method	Prepared Analyzed Analyst

1

EPA 200.8

11/8/16

11/9/16 6:16

MJH



0.50

15

Lead

39 Spr	uce Street *	East Longm	eadow, MA 0	1028 * FAX 4	13/525-6405 * TEI	. 413/525-2332			
Project Location: KenTon CSD- Franklin Middle Sc	Sample D	escription:	A301, East	wall			Work Order:	16J1464	
Date Received: 11/2/2016									
Field Sample #: FMS- WC-A301-134	Sampled:	9/30/2016 0	0:00						
Sample ID: 16J1464-44									
Sample Matrix: Drinking Water									
			Metals Ana	yses (Total)					
		MCL/SMCI	Ĺ				Date	Date/Time	
Analyte Res	ults RL	MA ORSG	Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8

11/8/16

11/9/16 6:17

MJH



## Sample Extraction Data

### Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date	
16J1464-01 [FMS- CFC-279-91]	B162709	10.0	10.0	11/07/16	
16J1464-02 [FMS- CFC-279-92]	B162709	10.0	10.0	11/07/16	
16J1464-03 [FMS- CFC-281-93]	B162709	10.0	10.0	11/07/16	
16J1464-04 [FMS- CFC-281-94]	B162709	10.0	10.0	11/07/16	
16J1464-05 [FMS- CFC-281-95]	B162709	10.0	10.0	11/07/16	
16J1464-06 [FMS- CFC-283-96]	B162709	10.0	10.0	11/07/16	
16J1464-07 [FMS- CFC-283-97]	B162709	10.0	10.0	11/07/16	
16J1464-08 [FMS- CFC-283-98]	B162709	10.0	10.0	11/07/16	
16J1464-09 [FMS- WC- A206-99]	B162709	10.0	10.0	11/07/16	
16J1464-10 [FMS- BFC-206E-100]	B162709	10.0	10.0	11/07/16	
16J1464-11 [FMS- BFC-200E-101]	B162709	10.0	10.0	11/07/16	
16J1464-12 [FMS- BFC-305E-102]	B162709	10.0	10.0	11/07/16	
16J1464-13 [FMS- BFC-305E-103]	B162709	10.0	10.0	11/07/16	
16J1464-14 [FMS- BFC-305E-104]	B162709	10.0	10.0	11/07/16	
16J1464-15 [FMS- WC-A305-105]	B162709	10.0	10.0	11/07/16	
16J1464-16 [FMS- CFC-383-106]	B162709	10.0	10.0	11/07/16	
16J1464-17 [FMS- CFC-384-107]	B162709	10.0	10.0	11/07/16	
16J1464-18 [FMS- BFC-384-108]	B162709	10.0	10.0	11/07/16	
16J1464-19 [FMS- CFC-381-109]	B162709	10.0	10.0	11/07/16	
16J1464-20 [FMS- CFC-381-110]	B162709	10.0	10.0	11/07/16	

#### Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date	
16J1464-21 [FMS- CFC-381-111]	B162767	10.0	10.0	11/08/16	
16J1464-22 [FMS- CFC-381-112]	B162767	10.0	10.0	11/08/16	
16J1464-23 [FMS- CFC-379-113]	B162767	10.0	10.0	11/08/16	
16J1464-24 [FMS- CFC-375-114]	B162767	10.0	10.0	11/08/16	
16J1464-25 [FMS- CFC-375-115]	B162767	10.0	10.0	11/08/16	
16J1464-26 [FMS- CFC-375-116]	B162767	10.0	10.0	11/08/16	
16J1464-27 [FMS- CFC-375-117]	B162767	10.0	10.0	11/08/16	
16J1464-28 [FMS- WC-A305-118]	B162767	10.0	10.0	11/08/16	
16J1464-29 [FMS- BFC-305B-119]	B162767	10.0	10.0	11/08/16	
16J1464-30 [FMS-BFC-305B-120]	B162767	10.0	10.0	11/08/16	
16J1464-31 [FMS- CFC-369-121]	B162767	10.0	10.0	11/08/16	
16J1464-32 [FMS- CFC-369-122]	B162767	10.0	10.0	11/08/16	
16J1464-33 [FMS- CFC-307-123]	B162767	10.0	10.0	11/08/16	
16J1464-34 [FMS- CFC-307-124]	B162767	10.0	10.0	11/08/16	
16J1464-35 [FMS- WC-A302-125]	B162767	10.0	10.0	11/08/16	
16J1464-36 [FMS- BFC-366-126]	B162767	10.0	10.0	11/08/16	
16J1464-37 [FMS- CFC-305-127]	B162767	10.0	10.0	11/08/16	
16J1464-38 [FMS- BFC-301C-128]	B162767	10.0	10.0	11/08/16	
16J1464-39 [FMS- BFC-301C-129]	B162767	10.0	10.0	11/08/16	
16J1464-40 [FMS- BFC-301-130]	B162767	10.0	10.0	11/08/16	

#### Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16J1464-41 [FMS- WC-A301-131]	B162782	10.0	10.0	11/08/16
16J1464-42 [FMS- BFC-301A-132]	B162782	10.0	10.0	11/08/16
16J1464-43 [FMS-BFC-301A-133]	B162782	10.0	10.0	11/08/16
16J1464-44 [FMS- WC-A301-134]	B162782	10.0	10.0	11/08/16



Sample Extraction Data



## QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B162709 - EPA 200.8										
Blank (B162709-BLK1)				Prepared: 11	/07/16 Analy	zed: 11/08/1	6			
Lead	ND	0.50	μg/L	_						
LCS (B162709-BS1)				Prepared: 11	/07/16 Analy	zed: 11/08/1	6			
Lead	39.6	0.50	μg/L	40.0		98.9	85-115			
Duplicate (B162709-DUP1)	Sour	ce: 16J1464-(	)1	Prepared: 11	/07/16 Analy	zed: 11/08/1	6			
Lead	34.8	0.50	μg/L		34.8			0.0871	20	
Duplicate (B162709-DUP2)	Sour	ce: 16J1464-(	)2	Prepared: 11	/07/16 Analy	zed: 11/08/1	6			
Lead	108	0.50	μg/L		108			0.285	20	
Matrix Spike (B162709-MS1)	Sour	ce: 16J1464-(	)1	Prepared: 11	/07/16 Analy	zed: 11/08/1	6			
Lead	60.8	0.62	μg/L	25.0	34.8	104	70-130			
Matrix Spike (B162709-MS2)	Sour	ce: 16J1464-(	)2	Prepared: 11	/07/16 Analy	zed: 11/08/1	6			
Lead	134	0.62	μg/L	25.0	108	103	70-130			
Batch B162767 - EPA 200.8										
Blank (B162767-BLK1)				Prepared & A	Analyzed: 11/	08/16				
Lead	ND	0.50	μg/L							
LCS (B162767-BS1)				Prepared &	Analyzed: 11/	08/16				
Lead	37.5	0.50	μg/L	40.0		93.6	85-115			
Duplicate (B162767-DUP1)	Sour	ce: 16J1464-2	21	Prepared &	Analyzed: 11/	08/16				
Lead	35.5	0.50	μg/L		36.3			2.18	20	
Duplicate (B162767-DUP2)	Sour	ce: 16J1464-2	22	Prepared &	Analyzed: 11/	08/16				
Lead	41.9	0.50	$\mu g/L$		41.1			1.93	20	
Matrix Spike (B162767-MS1)	Sour	ce: 16J1464-2	21	Prepared &	Analyzed: 11/	08/16				
Lead	60.3	0.62	μg/L	25.0	36.3	96.2	70-130			
Matrix Spike (B162767-MS2)	Sour	ce: 16J1464-2	22	Prepared &	Analyzed: 11/	08/16				
Lead	66.2	0.62	μg/L	25.0	41.1	100	70-130			
Batch B162782 - EPA 200.8										
Blank (B162782-BLK1)				Prepared: 11	/08/16 Analy	zed: 11/09/1	6			
Lead	ND	0.50	μg/L							



# QUALITY CONTROL

# Metals Analyses (Total) - Quality Control

	Reporting			Spike	Source	%REC		RPD		
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B162782 - EPA 200.8										
LCS (B162782-BS1)		Prepared: 11/08/16 Analyzed: 11/09/16								
Lead	41.1	0.50	μg/L	40.0		103	85-115			
Duplicate (B162782-DUP1)	Source: 16J1464-41			Prepared: 11/08/16 Analyzed: 11/09/16						
Lead	1.65	0.50	μg/L		1.63			1.13	20	
Duplicate (B162782-DUP2)	Source: 16J1464-42			Prepared: 11/08/16 Analyzed: 11/09/16						
Lead	2.37	0.50	μg/L		2.36			0.386	20	
Matrix Spike (B162782-MS1)	Source: 16J1464-41			Prepared: 11/08/16 Analyzed: 11/09/16						
Lead	28.1	0.62	μg/L	25.0	1.63	106	70-130			
Matrix Spike (B162782-MS2)	Sourc	Source: 16J1464-42			Prepared: 11/08/16 Analyzed: 11/09/16					
Lead	28.0	0.62	μg/L	25.0	2.36	103	70-130			



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

#### 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.



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

### CERTIFICATIONS

#### Certified Analyses included in this Report

Analyte

Lead

#### Certifications

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
СТ	Connecticut Department of Public 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

Constanction     Constanction     Constant com     Con	Convisioned to:     Convisione     Convisioned to:	Laboratories ONLINE CLIENT PO Company Name: Sienna Environmental Technologies	<i>Lead in Water (For M</i> : <i>For M</i> : A ONLINE CLIENT PORTAL AVAILABLE IT D'ALA I Technologies	Vater Chain-of-Cu Vater Chain-of-Cu (For Multi-Sample Projects) hone: (800) 347-4010 FA hone: (800) 347-4010 FA hone: (800) 547-4010 FA	IRCUMMENTAL HAZARUS SERVICES, LLC Lead in Water Chain-of-Custody Form (For Multi-Sample Projects) Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907 ENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com 1 () 2016 logies Account #: 33-5983	lab.⊕m M M M M M M M M			Analysis By: Analysis By: <b>Cal National Testing</b> (Juality Water Analysis) (Juality Water Analysis) (Por Lab Use Only ~	d
KenTon CSD-Franklin Middle School     Cwystene     Tonawanda, NY     Internate, 14150       et if Applicable:     Collected by:     Mor/K Beyer     Senset     Senset       -5 Bays     Entry Kinchen Sinky     Beyer     Senset     Senset     All       -5 Bays     Entry Kinchen Sinky     Beyer     Senset     All       -5 Bays     Entry Kinchen Sinky     Detection Time     Metals     Field Parameters     All       -5 Bays     Entry Kinchen Sinky     Collection Date     Collection Time     Reporting Format:     O     Individual     All       -5 Bays     Entry Kinchen Sinky     Collection Date     Collection Time     Reporting Format:     O     Individual     All       -5 Bays     Entry Kinchen Sinky     Collection Date     Collection Time     Reads     Field Parameters     USE       -5 Bays     Extitchen Sinky     O     09/30/2016     05/3/3     Individual     O     All       -5 Bays     Mor/H worll     09/30/2016     05/3/3     Individual     O     All       -5 Bays     Mor/H worll     09/30/2016     05/3/3     Individual     Collection     Tumo       -5 Bays     Mor/H worll     09/30/2016     05/3/3     Individual     Collection     Tumo       -6 Bays	KenTon CSD- Franklin Middle School     Caysaer     Tonawanda, NY     Jap.     14150       ef If Applicuble:     Collected by:     Mor/k     Beyel:     Centration #.     Jap.     14150       ef If Applicuble:     Collected by:     Mor/k     Beyel:     Centration #.     Date:     J. 30     20       -5 Days     Every effort will be natic context by:     Mor/k     Beyel:     Centration #.     Date:     J. 30     20       -5 Days     Every effort will be natic context operating format     Reporting Format     Centration #.     Date:     J. 30     20       -5 Days     Every effort will be natic context operating format     Reporting Format     Centration #.     Mit       -5 Days     Every effort will be natic context operating format     Reporting Format     O     Mit       -5 Days     Every effort will be natic context operating format     Reporting Format     Mit       -5 Days     Every effort will be natic context operation     Reporting Format     O     Mit       -5 Days     Every effort will be natic context operation     Reporting Format     O     Mit       -5 Days     Every effort of collection trace operation     Reporting Format     O     Mit       -5 Days     Every effort of collection trace operation trace operation     Collection trace operation     D	ve.	City/Si Email: labresults@sid	<sub>tate/Zip:</sub> Buffalo, ennaet.com	NY 1422	2-3136		16210	464	
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ecified turnaround Reporting Format: O Individual O Al Nulvary. Reporting Format: O Individual O Al Nulvary. Reporting Format: O Individual O Al Nulvary. Als Field Parameters USE Collection Time Temp at time time of Collection. Receipt: 30/2016 / 0538 av/rmi / 1978 / 10 / 1978	Ceffed turnaround will vary.     Reporting Format:     Individual     Imdividual     Imdividual       will vary.     Reporting Format:     Individual     Imdividual     Imdividual     Imdividual       will vary.     Reporting Format:     Imdividual     Imdividual     Imdividual     Imdividual       will vary.     Reporting Format:     Imdividual     Imdividual     Imdividual     Imdividual       section Date     Collection Time     Imdividual     Imdividual     Imdividual     Imdividual       30/2016     0 538     Imdividual     Imdividual     Imdividual     Imdividual       30/2016     0 538     Imdividual     Imdividual     Imdividual       30/2016     0 544     Imdividual     Imdividual     Imdividual       30/2016     0 544     Imdividual     Imdividual     Imdividual       30/2016     0 544 <t< th=""><th>Relinquis</th><th>Mark Be</th><th></th><th>gnature:</th><th>())</th><th>Certifi</th><th>1 1</th><th></th><th>2016</th></t<>	Relinquis	Mark Be		gnature:	())	Certifi	1 1		2016
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	PLEASE SEND WATER KIT SAMPLES TO THE FOLLOWING ADDRESS: 556 S. Mansfield St. 76 2410 All Samples Excent for Lead /Metals Must Be Shipped On Ice Via Overniaht Shippina		ł	09/30/2016						$\sim$
		5F60	015296		556 S. Mansfield St. Ypsilanti, MI 48197					
015296			All Samp	oles Except for Lead,	/Metals Must Be Shipped On 	lce Via Overr	night Shipping		NTL Lab ID Number	

<ul> <li>✓ 0559</li> <li>✓ 0603</li> <li>✓ 0608</li> <li>✓ 0608</li> <li>✓ 0613</li> <li>✓ 0614</li> <li>✓ 0614</li></ul>	<del>ŊŊŢ</del>
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Laboratories	Richmond, VA - Phone: (800) 347-4010 FOILD - CUSTON FOILD Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907 ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlabedMALLED	Vater Chain-of-Cu: For Mutti-Sample Projects) none: (800) 347-4010 FA ILABLE FOR ANALYSIS RE	Lead in Water Chain-of-Custody Form (For Mutti-Sample Projects) Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907 ENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlage	MAILE	<u>م</u>	Ana Ki Natio Labo	Analysis By: XIA National Testing Laboratories, Ltd.	
<sup>Company</sup> Name: Sienna Environmental Technologies	nental Technologies		Account #; 33-5983	001 I 0 2016		Quality ~ For Ls	Quality Mater Analysue For Lab Use Only ~	
Address: 350 Elmwood Ave.		City/State/Zip: Buffalo,	- <			ł		<u></u>
Phone: 716-332-3134	Email: labresults@siennaet.com	ennaet.com	<sub>Fax:</sub> 716-332-3136	1136		halt cal	464	
Address:	KenTon CSD- Franklin Middle School	chool	city/state: Tonawanda, NY	la, NΥ			<sub>Zip:</sub> 14150	
(Required) Age of Property: Well Tag # (I	Well Tag # (If Applicable): Collected bv:		(Required) Mark Bryer		Certification #·			
0	Mark Be		Signature:			Date:	9,30,2	2016
TURNAROUND TIMES: 4-5	4 - 5 Days Every effort will be made to meet specified turnaround	eet specified turnaro	und Renorting Format:	mat <sup>.</sup>		lenhivihui		
riowever que to increased wate	ume. However due to increased water sampling across the nation, turnaround times will vary	i times will vary.	0		)	(See 1)		
Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	e Collection Time	Metals	als	Field Parameters	ers LAB USE	
				200.8 Lead	Other	Field pH at Temp. time of of Coll. Collection: of Coll.	Temp. at time Temp at of Collection: Time of Receipt:	
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FMS-(FC-379-113 3	379. Southwall	09/30/2016	+0619 and pro					1298
JEMS- (PL375-114 3	375 , West wall	09/30/2016						8632
FMS-CK-315-115 3	375 WRST WOULD	09/30/2016	× 0621 anim					864
FMS- CFC-375-116 3	375 East world	09/30/2016	× 0621					865
FMS- CFC-375-117 3	775, North Wall	09/30/2016	1800+					266
	AZOS, Eastwall	09/30/2016		×				8672
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YEMS- 8FC-2018/201 3	305B, Southwall, PNN	09/30/2016	4 OGZ				742	638
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HAZARDS SERVICES, LLC Chain-of-Custody Form EM itt-sample Projects) 800) 347-4010 FAX: (804) 275-4907 UC FOR ANALYSIS RESULTS AT: www.leadlab.com	; Xe	d) d	1901	Reporting Format:	Collection Time		0627	8000 X X 200	0028	0629	0631	0631 11632	0034	0634	IT SAMPLES TO THE 556 S. Mansfield St. Ypsilanti, MI 48197	( $\mathcal{A}_{1}$ ) Synust Be Shipped On Ice Via Ov $\mathcal{A}_{0}$ . (( $\mathcal{A}/I$ ) $\mathcal{A}_{0}$ .
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<b>VIRONMENTAL HAZARDS SERVICES,</b> <i>Lead in Water Chain-of-Custody Form</i> <i>(For Multi-Sample Projects)</i> Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907 RIchmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907 Interportal AVAILABLE FOR ANALYSIS RESULTS AT: www.h	City/State/Zip: Buffalo, NY 14222 Email: labresults@siennaet.com		No by: //	eet specified turr times will vary.	Collection Date		09/30/2016	09/30/2016	09/30/2016	09/30/2016	09/30/2016	09/30/2016	09/30/2016	09/30/2016	PLEASE SEND WATER KIT SAMPLES TO THE FOLLOWING ADDRESS: 556 S. Mansfield St. 70 Ypsilanti, MI 48197	All Samples Except for Lead /Metals Must Be Shipped On Ice Via Overnight Shipping X C ( 11/0/10 17:03
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ENVIRONMENTAL HAZARDS SERVICES, LLC Lead in Water Chain-of-Custody Form EN (For Multi-Sample Projects) Richmond. VA - Phone: (800) 347-4010 EAY. (804) 275-4907	ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com 0 2016	echnologies	City/s	Email: labresults@siennaet.com	KenTon CSD- Franklin Middle School	e): Collected by:	Mark Beyel	<b>TURNAROUND TIMES: 4 – 5 Days</b> Every effort will be made to meet specified turnaround time. However due to increased water sampling across the nation, turnaround times will vary.	Collection Location (Ex: Kitchen Sink)		Westwall	Northwall, left	Northwall, Right	Bast wall							PLEASE S	1520251	XL
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EHS	Laboratories"	Company Name: Sienna Environmental Technologies	Address: 350 Elmwood Ave.	716-332-3134	Project Name / Collection Address: K		2845-C Relin	AROUND TIMES: 4 - fowever due to increased wa	Client Sample ID		FMS-WC-AX1 ~131 A301	FMS-BFC-30A-131		FMS-W-4201-134 1	FMS-	FMS-	FMS-	FMS-	FMS-	FMS-	34: Lor Jon Jon Bareived	μ ν	01 1 1
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Table of Contents

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39 Spruce St. East Longmeadow, MA. 01028 P: 413-525-2332		n-tes	SC *	l able of Co
F: 413-525-6405 www.contestlabs.com	Sample Receipt	<u>Checklist</u>	Pa	ge 1 of 2
CLIENT NAME: EHS	RECEI	ved by: <u>Е</u>	}DA <sup>-</sup>	ге: <u> 11/2/16</u>
1) Was the chain(s) of custody r	elinquished and signed?	Yes 🧹	No	No COC Incl.
<ol> <li>Does the chain agree with the If not, explain:</li> </ol>	e samples?	Yes 🧹	No	
3) Are all the samples in good control of the samples in go	ondition?	Yes 🧹	No	
4) How were the samples receiv	ed:			
On Ice Direct from S	ampling Ambier	nt 🗸 🗸 In Co	oler(s)	
Were the samples received in Te				_
· Temperature °C by Temp blank	Tempe		~	
5) Are there Dissolved samples	for the lah to filter?	Yes	No 🗸	/
	DateTi			
) Are there any RUSH or SHOR				•
	Date Ti			
who was notified				t samples? Yes No
) Location where samples are stor	ed:			ot already approved
	Login	Client Signati	ure:	
) Do all samples have the prop	er Acid pH: 🛛 Yes 📈 I	No N/A	<u> </u>	
) Do all samples have the prop	er Base pH: Yes I	No N/A	$\checkmark$	
0) Was the PC notified of any di	screpancies with the CoC v	s the samples:	Yes	N/A
C	ontainers receive	d at Con-T	est	
	# of containers			# of containers
1 Liter Amber	# Of Containers	16 oz am	her	# Of containers
500 mL Amber		8 oz amber/o		·····
250 mL Amber (8oz amber)		4 oz amber/o		
1 Liter Plastic		2 oz amber/o		
500 mL Plastic		Plastic Bag		
250 mL plastic	44	SOC K		
40 mL Vial - type listed below		Perchlorat		
Colisure / bacteria bottle		Flashpoint	bottle	
Dissolved Oxygen bottle		Other glas		
Encore		Other		
			Time and Da	- Francisco
40 mL vials: # HCl	# Methanol		Time and Dat	le rfozen:
			1	
Doc# 277 # Bisulfate	# DI Water			ante ante a contrato de la contrato

### Page 2 of 2 <u>Login Sample Receipt Checklist</u> (Rejection Criteria Listing - Using Sample Acceptance Policy) Any False statement will be brought to the attention of Client

Question	Answer (True/F	
	T/F/NA	-
1) The cooler's custody seal, if present, is intact.	I MA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	Ŧ	Racived in Cardboard box
4) Cooler Temperature is acceptable.	T	Metals Analysis
5) Cooler Temperature is recorded.	T	20.1 with gon
6) COC is filled out in ink and legible.		
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.	Ī	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	<u> </u>	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.		
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.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	
Who notified of Fals Doc #277 Rev. 4 August 2013 Log-In Technician		Date/Time: Date/Time: ////////////////////////////////////
	<b>—</b>	Date/Time: 11/2/16 13:03

Page 58 of 64 S ğ 0 T s° e L 2 80 рд c Phone: 716-332-3134 Date:  $\frac{10}{4}$   $\frac{1}{6}$  Time:  $\frac{0.930}{230}$  Temp. Received: Address: 350 Elmwood Ave. Company Name: Sienna Environmental Technologies Page . Shipping Tracking #:\_ Project Name / Collection Address: KenTon CSD- Franklin Middle School (Required) Received By: SET #: 2845-C Age of Property: \_ ę, å **4**2 ٩ ę. 45 \$ } 4 ĉ 2 0 time However due to increased water sampling across the nation, turnaround times will vary TURNAROUND TIMES: 4 – 5 Days Every effort will be made to meet specified turnaround 100 JFMS-BRC-2062-101 206E, South un VI, left 09/30/2016 Laboratories JEMS-WL-ADOS-991 ADOG, WOST WOV FMS-CFC-214-91 0 FMS- (P(- 353.98 383, FMS-(A(-38)-95 FMS- CAL-279-42 FMS-CF(-363-96 283 FMS- (F(- 23) - 94 FMS- CF(-363-47 383 FMS- CF(-281-95 281 Sample ID ្ន ş Client 10-10-01299 2 125760019645702710 Well Tag # (If Applicable) \_Relinquished by: \_ 20 28 279, mestwarl 979 ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com Northwall West wall **Collection Location** Contract In Marth Marth Northwoll NCSt World (Ex: Kitchen Sink) (carler) sland Centerisland  $\times$ **ENVIRONMENTAL HAZARDS SERVICES, LLC** Mork Email: labresults@siennaet.com Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907 l Lead in Water Chain-of-Custody Form Beyer PLEASE SEND WATER KIT SAMPLES TO THE FOLLOWING ADDRESS: All Samples Except for Lead /Metals Must Be Shipped On Ice Via Overnight Shipping Collected by: City/State/Zip: Buffalo, NY 14222 (For Multi-Sample Projects) 09/30/2016 09/30/2016 09/30/2016 09/30/2016 09/30/2016 09/30/2016 09/30/2016 09/30/2016 09/30/2016 **Collection Date** Mark Beyer 20.1 11/2/16 (3:03 \_ Signature: 556 S. Mansfield St. Ypsilanti, MI 48197 hh50 t Account #: 33-5983 86501 hSo J 0538 City/State: \_ (Required) 2550 0532 8250 1550 osa8 1250 **Collection Time Reporting Format** Fax: Tonawanda, NY 716-332-3136 054: f PAR AM; PM AM'/ PM DN / PM ANS / PM 010 / DAA AM / PM AM'/ PM AM-J PM ANA J DAS EMAI < < < < 200.8 Lead Copper Metals Other Certification #: 11/16/2016 (Wednesday) 16-11-01837 Field pH at time of Collection: Due Date: Individual **Field Parameters** 1651464 Æ Date: Temp. at time of Collection: 6 NTL Lab ID Number lacksquare\_<sup>zip:</sup>\_14150 ő 142240 したし Temp at Time of Receipt: USE P 241 2016 442 843 208 SH2 122 ₹₽\$ \$ L12 242 io in internet

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2	page )) of JY	Tracking # 125F6		FMS- CPC- 351-119	VFMS-(P(- 381-109	FMS- BFC-384108	FMS- (F(-34-107	FMS-(F(_78}-100	FMS-WC-AUS-105	FMS- BFZ-305E-104	JEMS- BFC-305E-103	FMS-PFC-JUSE-102	JEMS-BR-200E-101		Client Sample ID	TURNAROUND TIMES: 4	C	roperty: Well Tag	Project Name / Collection Address:	716-332-3134	350 Elmwood Ave.		aboratories	ASH.	
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Page 61 of 64 38 3) 3 Shipping Tracking #: Date:  $\frac{10}{4}$   $\frac{4}{16}$  Time:  $\frac{09}{50}$  Temp. Received: \$ るい يغ è, <u>بر</u> દ્વે 222 Page ... Received By: e G Project Name / Collection Address: KenTon CSD- Franklin Middle School Phone: 716-332-3134 Address: 350 Elmwood Ave Company Name: Sienna Environmental Technologies Age of Property: لھ لع SET #: 2845-C No 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 Laboratories 5 (FMS- BPC-30(-130 30/C FMS-07(-368-122 YEMS-BF(-301(-129)301( FMS- (FC->05-1271 305 YEMS- 67-367-124 14-12-14/2 (FC-367-12) 15MS-BR\_301C-128301C FMS-BR-36-126 366 FMS-WC-1302-125 A362 FMS-(P(-369\_1A) Sample ID <u>q</u> Client 2 25F600r Well Tag # (If Applicable): \_Relinquished by: \_ 3 8 98 307 695 **ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com** Northwall , Right **Collection Location** Southwall North North North North South man Nerth wall, left (Ex: Kitchen Sink) Northwal Now the west would Werkanl 845702510 Northwall **ENVIRONMENTAL HAZARDS SERVICES, LLC** Email: labresults@siennaet.com Mork Richmond, VA - Phone: (800) 347-4010 FAX: (804) 275-4907 Lead in Water Chain-of-Custody Form Beyer PLEASE SEND WATER KIT SAMPLES TO THE FOLLOWING ADDRESS: All Samples Except for Lead /Metals Must Be Shipped On Ice Via Overnight Shipping X Collected by: \_ City/State/Zip: Buffalo, NY 14222 (For Multi-Sample Projects) 09/30/2016 09/30/2016 09/30/2016 09/30/2016 09/30/2016 09/30/2016 09/30/2016 09/30/2016 09/30/2016 09/30/2016 **Collection Date** MarkBeyer Signature: Ypsilanti, MI 48197 556 S. Mansfield St. Account #: 33-5983 6200 063 0633 h200 0631 4590 1200 8000 8800 800 **Collection Time** 20.1 11/2/16 17:03 **Reporting Format:** Fax: Tonawanda, NY 716-332-3136 J, AM!/ PM DW-/ PM AM / PM ANA:/ PM NW / PM DAG / DAA VVA F.VVV VW / 024 AM:/PM OCT 10 2016 EMAILED < < < < 200.8 Lead < < < < < Coppe Metals Other Certification #: ( )Field pH at time of Collection: Individual **Field Parameters** 208390 Date: ~ For Lab Use Only ~ 1651469 **SA National Testin** Temp. at time of Collection: Quality Water Analysis Analysis By: 9 lacksquareNTL Lab ID Number \_zip:\_\_14150 ý ۶C 142 06224 Temp at Time of Receipt: LAB M 3 2016 272 <u></u> <u></u> SLR E C える 323 XX Š 10/11/10 20)

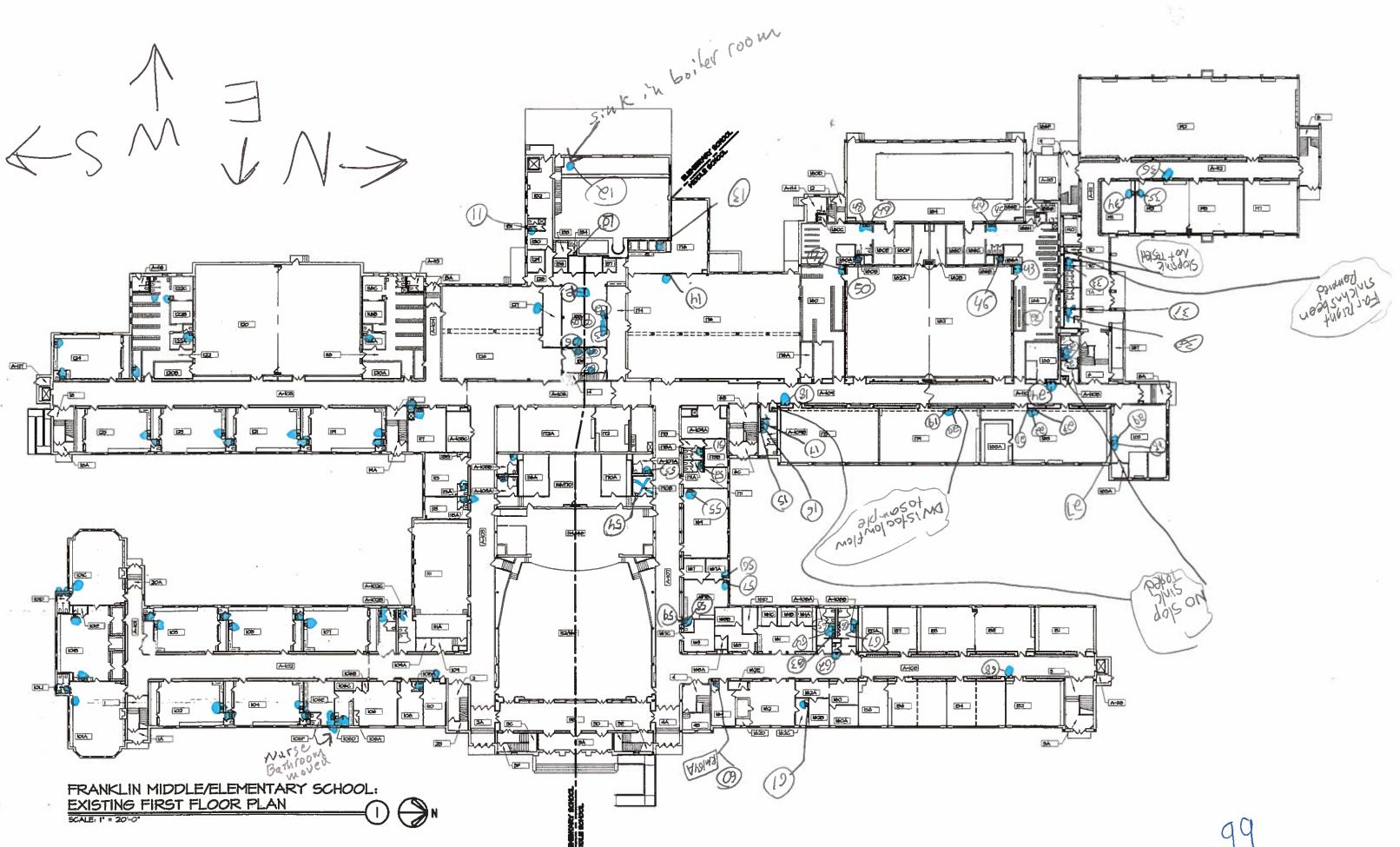
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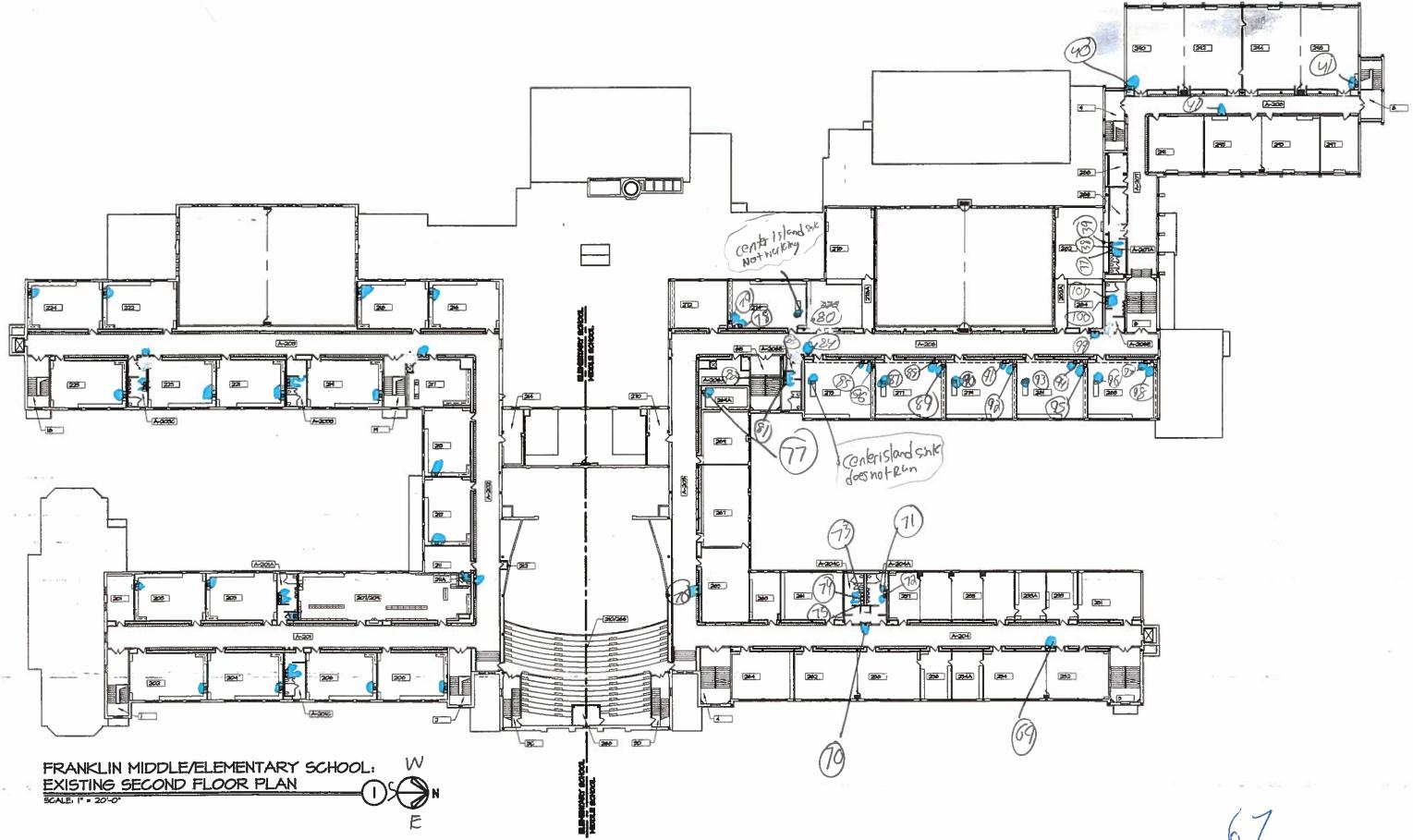
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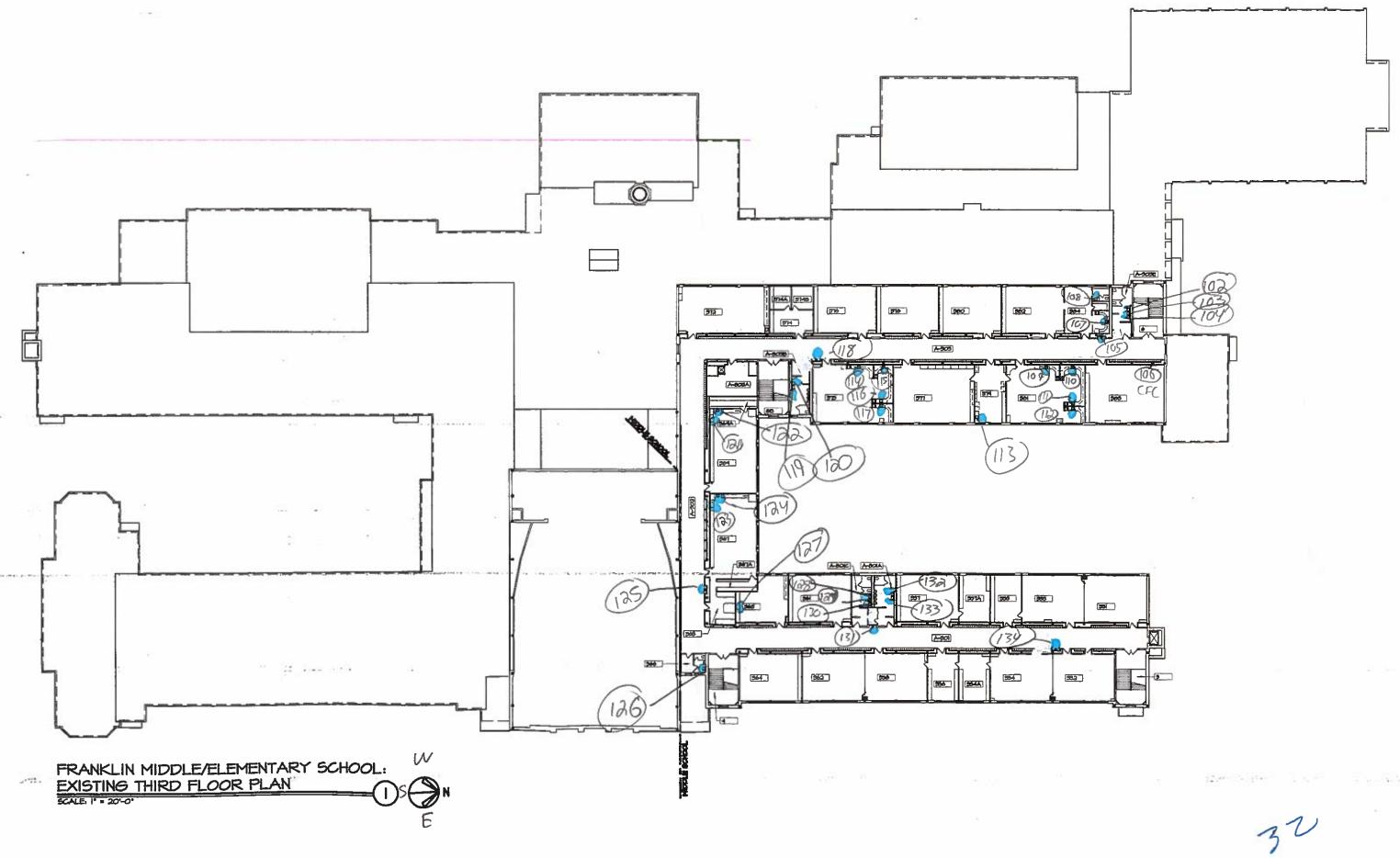
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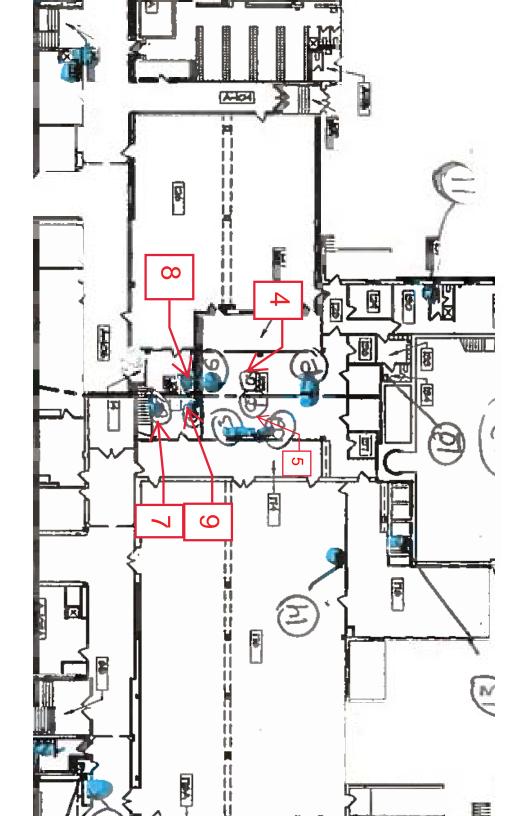


Appendix C Sample Location Maps











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 ( $\mu$ g/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 firstdraw 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: <u>https://www.epa.gov/sites/production/files/2015-</u>09/documents/toolkit leadschools guide 3ts leadschools.pdf</u>). 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.