

February 19, 2019

Samuel Boyd
Hampden-Wilbraham School District
621 Main Street
Wilbraham, MA 01095

Project Location: 621 Main St., Wilbraham, MA
Client Job Number:
Project Number: LCCA
Laboratory Work Order Number: 19B0714

Enclosed are results of analyses for samples received by the laboratory on February 15, 2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. McCarthy", is displayed on a light gray rectangular background.

Raymond J. McCarthy
Project Manager

Table of Contents

Sample Summary	4
Case Narrative	5
Sample Results	6
19B0714-01	6
19B0714-02	7
19B0714-03	8
19B0714-04	9
19B0714-05	10
19B0714-06	11
19B0714-07	12
19B0714-08	13
19B0714-09	14
19B0714-10	15
19B0714-11	16
19B0714-12	17
19B0714-13	18
19B0714-14	19
19B0714-15	20
19B0714-16	21
19B0714-17	22
19B0714-18	23
19B0714-19	24
19B0714-20	25
19B0714-21	26
19B0714-22	27

Table of Contents (continued)

19B0714-23	28
19B0714-24	29
Sample Preparation Information	30
QC Data	31
Metals Analyses (Total)	31
B223838	31
B223840	31
Flag/Qualifier Summary	32
Certifications	33
Chain of Custody/Sample Receipt	34

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

Hampden-Wilbraham School District
 621 Main Street
 Wilbraham, MA 01095
 ATTN: Samuel Boyd

REPORT DATE: 2/19/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: LCCA

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19B0714

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

PROJECT LOCATION: 621 Main St., Wilbraham, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
016P	19B0714-01	Drinking Water	Room 18 faucet	EPA 200.8	
016F	19B0714-02	Drinking Water	Room 18 faucet	EPA 200.8	
018P	19B0714-03	Drinking Water	Room 19 faucet	EPA 200.8	
018F	19B0714-04	Drinking Water	Room 19 faucet	EPA 200.8	
020P	19B0714-05	Drinking Water	Room 20 faucet	EPA 200.8	
020F	19B0714-06	Drinking Water	Room 20 faucet	EPA 200.8	
022P	19B0714-07	Drinking Water	Room 15 faucet	EPA 200.8	
022F	19B0714-08	Drinking Water	Room 15 faucet	EPA 200.8	
024P	19B0714-09	Drinking Water	Room 12 faucet	EPA 200.8	
024F	19B0714-10	Drinking Water	Room 12 faucet	EPA 200.8	
026P	19B0714-11	Drinking Water	Room 14 faucet	EPA 200.8	
026F	19B0714-12	Drinking Water	Room 14 faucet	EPA 200.8	
028P	19B0714-13	Drinking Water	Room 13 faucet	EPA 200.8	
028F	19B0714-14	Drinking Water	Room 13 faucet	EPA 200.8	
030P	19B0714-15	Drinking Water	Room 11 faucet	EPA 200.8	
030F	19B0714-16	Drinking Water	Room 11 faucet	EPA 200.8	
032P	19B0714-17	Drinking Water	Cooler Library Hallway low	EPA 200.8	
032F	19B0714-18	Drinking Water	Cooler Library Hallway low	EPA 200.8	
033P	19B0714-19	Drinking Water	Staff Lounge	EPA 200.8	
033F	19B0714-20	Drinking Water	Staff Lounge	EPA 200.8	
034P	19B0714-21	Drinking Water	Room 10 faucet	EPA 200.8	
034F	19B0714-22	Drinking Water	Room 10 faucet	EPA 200.8	
036P	19B0714-23	Drinking Water	Room 5 faucet	EPA 200.8	
036F	19B0714-24	Drinking Water	Room 5 faucet	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.

A handwritten signature in black ink, appearing to read "Lisa A. Worthington", is written over a light gray rectangular background.

Lisa A. Worthington
Project Manager

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 18 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:14

Field Sample #: 016P

Sample ID: 19B0714-01

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	100	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:52	MJH	
# Lead	31	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:52	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 18 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:14

Field Sample #: 016F

Sample ID: 19B0714-02

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	76	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:55	MJH	
Lead	4.9	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:55	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 19 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:27

Field Sample #: 018P

Sample ID: 19B0714-03

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	87	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:58	MJH	
# Lead	140	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:58	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 19 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:27

Field Sample #: 018F

Sample ID: 19B0714-04

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	43	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 11:01	MJH	
Lead	4.5	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 11:01	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 20 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:31

Field Sample #: 020P

Sample ID: 19B0714-05

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
		RL	MA ORSG							
Copper	96	1.0	1300	µg/L	1		EPA 200.8	2/18/19	2/19/19 11:03	MJH
# Lead	18	0.50	15	µg/L	1		EPA 200.8	2/18/19	2/19/19 11:03	MJH

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 20 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:31

Field Sample #: 020F

Sample ID: 19B0714-06

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	41	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 11:07	MJH	
Lead	2.5	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 11:07	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 15 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:34

Field Sample #: 022P

Sample ID: 19B0714-07

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	110	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 9:46	MJH	
# Lead	18	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 9:46	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 15 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:35

Field Sample #: 022F

Sample ID: 19B0714-08

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	35	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 9:49	MJH	
Lead	2.7	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 9:49	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 12 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:09

Field Sample #: 024P

Sample ID: 19B0714-09

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
		RL	MA ORSG							
Copper	97	1.0	1300	µg/L	1		EPA 200.8	2/18/19	2/19/19 9:52	MJH
# Lead	16	0.50	15	µg/L	1		EPA 200.8	2/18/19	2/19/19 9:52	MJH

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 12 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:09

Field Sample #: 024F

Sample ID: 19B0714-10

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	55	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 9:55	MJH	
Lead	2.5	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 9:55	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 14 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:22

Field Sample #: 026P

Sample ID: 19B0714-11

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	180	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 9:58	MJH	
# Lead	200	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 9:58	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 14 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:23

Field Sample #: 026F

Sample ID: 19B0714-12

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	42	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:06	MJH	
Lead	4.7	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:06	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 13 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:18

Field Sample #: 028P

Sample ID: 19B0714-13

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	66	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:09	MJH	
Lead	12	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:09	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 13 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:19

Field Sample #: 028F

Sample ID: 19B0714-14

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	24	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:12	MJH	
Lead	2.3	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:12	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 11 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:05

Field Sample #: 030P

Sample ID: 19B0714-15

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	73	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 9:35	MJH	
# Lead	40	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 9:35	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 11 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:05

Field Sample #: 030F

Sample ID: 19B0714-16

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	47	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:15	MJH	
Lead	6.1	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:15	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Cooler Library Hallway low

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:38

Field Sample #: 032P

Sample ID: 19B0714-17

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
		RL	MA ORSG							
Copper	59	1.0	1300	µg/L	1		EPA 200.8	2/18/19	2/19/19 10:18	MJH
Lead	0.98	0.50	15	µg/L	1		EPA 200.8	2/18/19	2/19/19 10:18	MJH

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Cooler Library Hallway low

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:39

Field Sample #: 032F

Sample ID: 19B0714-18

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
		RL	MA ORSG							
Copper	63	1.0	1300	µg/L	1		EPA 200.8	2/18/19	2/19/19 10:21	MJH
Lead	1.1	0.50	15	µg/L	1		EPA 200.8	2/18/19	2/19/19 10:21	MJH

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Staff Lounge

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:43

Field Sample #: 033P

Sample ID: 19B0714-19

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	150	1.0	1300		µg/L	1		EPA 200.8	2/18/19	2/19/19 10:24	MJH
# Lead	55	0.50	15		µg/L	1		EPA 200.8	2/18/19	2/19/19 10:24	MJH

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Staff Lounge

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:44

Field Sample #: 033F

Sample ID: 19B0714-20

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	37	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:26	MJH	
Lead	3.1	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:26	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 10 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:53

Field Sample #: 034P

Sample ID: 19B0714-21

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	110	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:29	MJH	
# Lead	23	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:29	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 10 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:53

Field Sample #: 034F

Sample ID: 19B0714-22

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
		RL	MA ORSG							
Copper	56	1.0	1300	µg/L	1		EPA 200.8	2/18/19	2/19/19 10:32	MJH
Lead	4.8	0.50	15	µg/L	1		EPA 200.8	2/18/19	2/19/19 10:32	MJH

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 5 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:49

Field Sample #: 036P

Sample ID: 19B0714-23

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Copper	150	1.0	1300		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:41	MJH	
# Lead	16	0.50	15		µg/L	1	EPA 200.8	2/18/19	2/19/19 10:41	MJH	

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

Project Location: 621 Main St., Wilbraham, MA

Sample Description: Room 5 faucet

Work Order: 19B0714

Date Received: 2/15/2019

Sampled: 2/15/2019 06:49

Field Sample #: 036F

Sample ID: 19B0714-24

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL	MA ORSG					Prepared	Analyzed	
Copper	69	1.0	1300	µg/L	1		EPA 200.8	2/18/19	2/19/19 10:43	MJH
Lead	2.6	0.50	15	µg/L	1		EPA 200.8	2/18/19	2/19/19 10:43	MJH

Sample Extraction Data**Prep Method: EPA 200.8-EPA 200.8**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19B0714-07 [022P]	B223838	10.0	10.0	02/18/19
19B0714-08 [022F]	B223838	10.0	10.0	02/18/19
19B0714-09 [024P]	B223838	10.0	10.0	02/18/19
19B0714-10 [024F]	B223838	10.0	10.0	02/18/19
19B0714-11 [026P]	B223838	10.0	10.0	02/18/19
19B0714-12 [026F]	B223838	10.0	10.0	02/18/19
19B0714-13 [028P]	B223838	10.0	10.0	02/18/19
19B0714-14 [028F]	B223838	10.0	10.0	02/18/19
19B0714-15 [030P]	B223838	10.0	10.0	02/18/19
19B0714-16 [030F]	B223838	10.0	10.0	02/18/19
19B0714-17 [032P]	B223838	10.0	10.0	02/18/19
19B0714-18 [032F]	B223838	10.0	10.0	02/18/19
19B0714-19 [033P]	B223838	10.0	10.0	02/18/19
19B0714-20 [033F]	B223838	10.0	10.0	02/18/19
19B0714-21 [034P]	B223838	10.0	10.0	02/18/19
19B0714-22 [034F]	B223838	10.0	10.0	02/18/19
19B0714-23 [036P]	B223838	10.0	10.0	02/18/19
19B0714-24 [036F]	B223838	10.0	10.0	02/18/19

Prep Method: EPA 200.8-EPA 200.8

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19B0714-01 [016P]	B223840	10.0	10.0	02/18/19
19B0714-02 [016F]	B223840	10.0	10.0	02/18/19
19B0714-03 [018P]	B223840	10.0	10.0	02/18/19
19B0714-04 [018F]	B223840	10.0	10.0	02/18/19
19B0714-05 [020P]	B223840	10.0	10.0	02/18/19
19B0714-06 [020F]	B223840	10.0	10.0	02/18/19

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

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B223838 - EPA 200.8										
Blank (B223838-BLK1)										
Prepared: 02/18/19 Analyzed: 02/19/19										
Copper	ND	1.0	µg/L							
Lead	ND	0.50	µg/L							
LCS (B223838-BS1)										
Prepared: 02/18/19 Analyzed: 02/19/19										
Copper	39.1	1.0	µg/L	40.0		97.8	85-115			
Lead	41.6	0.50	µg/L	40.0		104	85-115			
Duplicate (B223838-DUP2)										
Source: 19B0714-15										
Prepared: 02/18/19 Analyzed: 02/19/19										
Copper	72.2	1.0	µg/L		72.5			0.458	20	
Lead	39.5	0.50	µg/L		39.7			0.707	20	
Matrix Spike (B223838-MS2)										
Source: 19B0714-15										
Prepared: 02/18/19 Analyzed: 02/19/19										
Copper	97.6	1.2	µg/L	25.0	72.5	100	70-130			
Lead	64.1	0.62	µg/L	25.0	39.7	97.4	70-130			
Batch B223840 - EPA 200.8										
Blank (B223840-BLK1)										
Prepared: 02/18/19 Analyzed: 02/19/19										
Copper	ND	1.0	µg/L							
Lead	ND	0.50	µg/L							
LCS (B223840-BS1)										
Prepared: 02/18/19 Analyzed: 02/19/19										
Copper	39.1	1.0	µg/L	40.0		97.8	85-115			
Lead	41.6	0.50	µg/L	40.0		104	85-115			
Duplicate (B223840-DUP1)										
Source: 19B0714-01										
Prepared: 02/18/19 Analyzed: 02/19/19										
Copper	104	1.0	µg/L		102			1.49	20	
Lead	31.6	0.50	µg/L		30.7			2.78	20	
Matrix Spike (B223840-MS1)										
Source: 19B0714-01										
Prepared: 02/18/19 Analyzed: 02/19/19										
Copper	125	1.2	µg/L	25.0	102	91.2	70-130			
Lead	55.8	0.62	µg/L	25.0	30.7	101	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 is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
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	Certifications
<i>EPA 200.8 in Drinking Water</i>	
Copper	NH,NY,MA,CT,RI,ME,VA,VT-DW,NC-DW
Lead	NH,NY,MA,CT,RI,ME,VA,VT-DW,NC-DW

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Public Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2020
RI	Rhode Island Department of Health	LAO00112	12/30/2019
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2019
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

RJM

19B0714

MassDEP Drinking Water Lead Contamination Control Act (LCCA) Chain Of Custody

Lab Job #:		Report Information Data Deliverables: eDEP Upload		Date Received in Lab:								
TA Provider Information			Project Information			School/Daycare Type						
Client: Hampden-Wilbraham Schools		School Org Code #: 06800030		Schools		<input checked="" type="checkbox"/> Public School						
Address: 621 Main St. Wilbraham, MA		School Name: Soule Road				Charter School						
Phone: 413-596-3884		School Address: Hampden-Wilbraham: Soule Road 300 Soule Rd WILBRAHAM, MA 01095				Charter Alternative Ed Program						
Fax:						Public Alternative Ed Program						
Email: SBOYDE@HWRSD.ORG						Special Education School						
Turn-Around Time		School Town: WILBRAHAM		Daycares		Small Group and School Age						
Standard: <input checked="" type="checkbox"/>		Due Date:		Project Manager: Sam Boyd		Large Group and School Age						
Rush (requires pre-approval):		Time:		413-222-7369		Other:						
Other Project Specific Requirements / Comments / Detection Limits				Samplers Name		Initials		ANALYSIS LEAD COPPER FINISHED Total Bottles				
PO# 191538 on invoice				Sam Boyd		SB						
Sample Filtration:	<input checked="" type="checkbox"/>	None										
Preservation:	<input checked="" type="checkbox"/>	None in field (at lab)										
Lab ID (Lab Use Only)	Location Code **	Location Type *	Flush Time †	Location Name	Collection Date and Time	SAMPLERS INITIALS	SAMPLE MATRIX	LEAD	COPPER	FINISHED	Total Bottles	
000P	KK	KK		Steam Kettle			DW	X	X	X	1	
000F	KK	KK		Steam Kettle			DW	X	X	X	1	
000P	KC	KC		Kitchen - East Wall left			DW	X	X	X	1	
009F	KC	KC		Kitchen - East Wall left			DW	X	X	X	1	
010P	KC	KC		Kitchen - East wall middle			DW	X	X	X	1	
010F	KC	KC		Kitchen - East Wall middle			DW	X	X	X	1	
011P	KC	KC		Kitchen - East Wall left			DW	X	X	X	1	
011F	KC	KC		Kitchen - East Wall left			DW	X	X	X	1	
012P	CF	CF		Room 16 faucet			DW	X	X	X	1	
012F	CF	CF		Room 16 faucet			DW	X	X	X	1	
014P	CF	CF		Room 17 faucet			DW	X	X	X	1	
014F	CF	CF		Room 17 faucet			DW	X	X	X	1	
01	016P	CF		Room 18 faucet	2/15/19 6:14	SB	DW	X	X	X	1	
02	016F	CF	30s	Room 18 faucet	2/15/19 6:14	SB	DW	X	X	X	1	
** Location Code Logic: Number the sites within a school Org Code sequentially, 001, 002, 003, etc.		* Location Type: DW = drinking water bubbler WC = water cooler (chiller unit) CF = classroom faucet KC = kitchen faucet, cold KI = kitchen ice maker EC = home economics room, cold BF = bathroom faucet NS = nurse's office sink SC = service connector OT = Other Location		† The LCCA Project requires laboratories to report results to the MassDEP Drinking Water Program using the eDEP Bulk Upload tool. For more information about the eDEP Bulk Upload tool please visit: http://www.mass.gov/eea/agencies/massdep/service/online/water-quality-monitoring-reports-edep-faqs.html#instructionsedeptink		Container Code: P = Plastic Preservation Code: A = None C = HNO3 Sample Matrix Code: DW (Drinking Water)		Container Type		Preservative		Please PRINT clearly and legibly.
‡ First Draw or Flush: P - First Draw F - Flush A - Sample A Kettle or Ice Maker B - Sample B Kettle or Ice Maker C - Sample C Kettle or Ice Maker D - Sample D Kettle or Ice Maker E - Sample E Kettle		Flush Time: Indicate length of time flushed (30 s)		Relinquished By		Date/Time		Received By		Date/Time		
				S Boyd		2/15/19 8:32		[Signature]		2/15/19 5:32		
LCCC revision 6/6/2016												

19B0714

MassDEP Drinking Water Lead Contamination Control Act (LCCA) Chain Of Custody

Lab Job #:		Report Information Data Deliverables: eDEP Upload		Date Received in Lab:									
TA Provider Information			Project Information			School/Daycare Type							
Client: Hampden-Wilbraham Schools		School Org Code #: 06800030	School Name: Soule Road	Schools	<input checked="" type="checkbox"/> Public School								
Address:		School Address: Hampden-Wilbraham: Soule Road 300 Soule Rd WILBRAHAM, MA 01095			<input type="checkbox"/> Charter School								
Phone: 413-596-3884					<input type="checkbox"/> Charter Alternative Ed Program								
Fax:					<input type="checkbox"/> Public Alternative Ed Program								
Email: SBoyd@HWRSD.org					<input type="checkbox"/> Special Education School								
Turn-Around Time			School Town: WILBRAHAM	Daycares	<input type="checkbox"/> Small Group and School Age								
Standard	<input checked="" type="checkbox"/>	Due Date:	Project Manager: Sam Boyd	Other:									
Rush (requires pre-approval)		Time:	413-222-7369										
Other Project Specific Requirements / Comments / Detection Limits				Samplers Name		Initials							
PO# 191538				Sam Boyd		SB							
Sample Filtration: <input checked="" type="checkbox"/> None													
Preservation: <input checked="" type="checkbox"/> None in field (at lab)													
Lab ID (Lab Use Only)	Location Code **	Location Type *	Flush Time †	Location Name		Collection Date and Time	SAMPLERS INITIALS	SAMPLER MATRIX	ANALYSIS	FINISHED	Total Bottles		
03	018P	CF		Room 19 faucet		2/15/19 6:27	SB	DW	X	X	X	1	
04	018F	CF	30s	Room 13 faucet		2/15/19 6:27	SB	DW	X	X	X	1	
05	020P	CF		Room 20 faucet		2/15/19 6:31	SB	DW	X	X	X	1	
06	020F	CF	30s	Room 20 faucet		2/15/19 6:31	SB	DW	X	X	X	1	
07	022P	CF		Room 15 faucet		2/15/19 6:34	SB	DW	X	X	X	1	
08	022F	CF	30s	Room 15 faucet		2/15/19 6:35	SB	DW	X	X	X	1	
09	024P	CF		Room 12 faucet		2/15/19 6:09	SB	DW	X	X	X	1	
10	024F	CF	30s	Room 12 faucet		2/15/19 6:09	SB	DW	X	X	X	1	
11	026P	CF		Room 14 faucet		2/15/19 6:22	SB	DW	X	X	X	1	
12	026F	CF	30s	Room 14 faucet		2/15/19 6:23	SB	DW	X	X	X	1	
13	028P	CF		Room 13 faucet		2/15/19 6:18	SB	DW	X	X	X	1	
14	028F	CF	30s	Room 13 faucet		2/15/19 6:19	SB	DW	X	X	X	1	
15	030P	CF		Room 11 faucet		2/15/19 6:05	SB	DW	X	X	X	1	
16	030F	CF	30s	Room 11 faucet		2/15/19 6:06	SB	DW	X	X	X	1	
* Location Code Logic: Number the sites within a school Org Code sequentially, 001, 002, 003, etc.		* Location Type: DW= drinking water bubbler WC = water cooler (chiller unit) CF = classroom faucet KC = kitchen faucet, cold KK = kitchen kettle KI = kitchen ice maker EC = home economics room, cold BF = bathroom faucet NS = nurse's office sink SC = service connector OT = Other Location		* The LCCA Project requires laboratories to report results to the MassDEP Drinking Water Program using the eDEP Bulk Upload tool. For more information about the eDEP Bulk Upload tool please visit: http://www.mass.gov/eea/agencies/massdep/service/online/water-quality-monitoring-reports-edep-faqs.html#instructionsDEPlink		Container Code: P = Plastic Preservation Code: A = None C = HNO3 Sample Matrix Code: DW (Drinking Water)		Container Type	P	P			
† First Draw or Flush: P - First Draw F - Flush A - Sample A Kettle or Ice Maker B - Sample B Kettle or Ice Maker C - Sample C Kettle or Ice Maker D - Sample D Kettle or Ice Maker E - Sample E Kettle		Flush Time: Indicate length of time flushed (30 s)		Relinquished By	Date/Time	Received By	Date/Time	Preservative	CX	CX			
				S. Boyd	2/15/19 8:32	[Signature]	15:8 SB	2/15/19	832				
LCCC revision 6/6/2016													

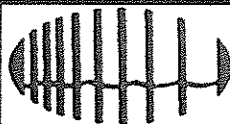
19B0714

MassDEP Drinking Water Lead Contamination Control Act (LCCA) Chain Of Custody

Lab Job #:		Report Information Data Deliverables: eDEP Upload		Date Received in Lab:						
TA Provider Information			Project Information			School/Daycare Type				
Client: Hampden-Wilbraham Schools		School Org Code #: 06800030	School Name: Soule Road	Schools	<input checked="" type="checkbox"/> Public School					
Address:		School Address: Hampden-Wilbraham; Soule Road 300 Soule Rd WILBRAHAM, MA 01095			<input type="checkbox"/> Charter School					
Phone: 413-596-3884					<input type="checkbox"/> Charter Alternative Ed Program					
Fax:					<input type="checkbox"/> Public Alternative Ed Program					
Email: SB@WILBRAHAM.SCHOOLS.ORG					<input type="checkbox"/> Special Education School					
Turn-Around Time		School Town: WILBRAHAM		Daycares	<input type="checkbox"/> Private					
Standard <input checked="" type="checkbox"/>	Due Date:	Project Manager: Sam Boyd		Other:	<input type="checkbox"/> Small Group and School Age					
Rush (requires pre-approval)	Time:	413-222-7364			<input type="checkbox"/> Large Group and School Age					
Other Project Specific Requirements / Comments / Detection Limits				Samplers Name		Initials				
PO# 191538				Sam Boyd		SB				
Sample Filtration: <input checked="" type="checkbox"/> None										
Preservation: <input checked="" type="checkbox"/> None in field (at lab)										
Lab ID (Lab Use Only)	Location Code **	Location Type *	Flush Time †	Location Name	Collection Date and Time	SAMPLERS INITIALS	SAMPLER MATRIX	ANALYSIS	FINISHED	Total Bottles
17	032P	WC		Cooler Library Hallway low	2/15/19 6:38	SB	DW	X X X	X	1
18	032F	WC	30s	Cooler Library Hallway low	2/15/19 6:39	SB	DW	X X X	X	1
19	033P	OT		Staff Lounge	2/15/19 6:43	SB	DW	X X X	X	1
20	033F	OT	30s	Staff Lounge	2/15/19 6:44	SB	DW	X X X	X	1
21	034P	CF		Room 10 faucet	2/15/19 6:53	SB	DW	X X X	X	1
22	034F	CF	30s	Room 10 faucet	2/15/19 6:53	SB	DW	X X X	X	1
23	036P	CF		Room 5 faucet	2/15/19 6:49	SB	DW	X X X	X	1
24	036F	CF	30s	Room 5 faucet	2/15/19 6:49	SB	DW	X X X	X	1
	038P	CF		Room 4 faucet			DW	X X X	X	1
	038F	CF		Room 4 faucet			DW	X X X	X	1
	040P	CF		Room 3 faucet			DW	X X X	X	1
	040F	CF		Room 3 faucet			DW	X X X	X	1
	042P	CF		Room 2 faucet			DW	X X X	X	1
	042F	CF		Room 2 faucet			DW	X X X	X	1
*Location Code Logic: Number the sites within a school Org Code sequentially, 001, 002, 003, etc.	† Location Type: DW= drinking water bubbler WC = water cooler (chiller unit) CF = classroom faucet KC = kitchen faucet, cold KK = kitchen kettle KI = kitchen ice maker EC = home economics room, cold BF = bathroom faucet NS = nurse's office sink SC = service connector OT = Other Location	* The LCCA Project requires laboratories to report results to the MassDEP Drinking Water Program using the eDEP Bulk Upload tool. For more information about the eDEP Bulk Upload tool please visit: http://www.mass.gov/eea/agencies/massdep/service/online/water-quality-monitoring-reports-e-dep-faqs.html#instructionsDEPlink	Container Code: P = Plastic Preservation Code: A = None C = HNO3 Sample Matrix Code: DW (Drinking Water)	Container Type	P	P	Preservative	CF	CF	Please PRINT clearly and legibly.
* First Draw or Flush: P - First Draw F - Flush A - Sample A Kettle or Ice Maker B - Sample B Kettle or Ice Maker C - Sample C Kettle or Ice Maker D - Sample D Kettle or Ice Maker E - Sample E Kettle	Flush Time: Indicate length of time flushed (30 s)	Relinquished By	Date/Time	Received By	Date/Time	Page 3	3			
		S. Boyd	2/15/19 8:32	WJ	2/15/19 8:32					

LCCC revision 8/6/2016

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples _____



con-test
ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client MASS DEP
 Received By RLF Date 2/15/19 Time 832
 How were the samples received? In Cooler / No Cooler T On Ice _____ No Ice T
 Direct from Sampling T Ambient _____ Melted Ice _____
 Were samples within Temperature? 2-6°C F By Gun # _____ Actual Temp - 15.8
 By Blank # _____ Actual Temp - _____
 Was Custody Seal Intact? NA Were Samples Tampered with? NA
 Was COC Relinquished? T Does Chain Agree With Samples? T
 Are there broken/leaking/loose caps on any samples? F
 Is COC in ink/ Legible? T Were samples received within holding time? T
 Did COC include all pertinent Information? Client T Analysis T Sampler Name T
 Project T ID's T Collection Dates/Times T
 Are Sample labels filled out and legible? T
 Are there Lab to Filters? F Who was notified? _____
 Are there Rushes? F Who was notified? _____
 Are there Short Holds? F Who was notified? _____
 Is there enough Volume? T
 Is there Headspace where applicable? NA MS/MSD? F
 Proper Media/Containers Used? T Is splitting samples required? F
 Were trip blanks received? F On COC? F
 Do all samples have the proper pH? Acid TDHCO Base NA

Vials	#	Containers:	#	#	#	#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear
Meoh-		250 mL Amb.		250 mL Plastic	<u>24</u>	4oz Amb/Clear
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear
DI-		Other Glass		Other Plastic		Encore
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:
Sulfuric-		Perchlorate		Ziplock		

Unused Media

Vials	#	Containers:	#	#	#	#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear
DI-		Other Plastic		Other Glass		Encore
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:
Sulfuric-		Perchlorate		Ziplock		

Comments: