



ANALYTICAL REPORT

Lab Number:	L1740278
Client:	TRC Companies, Inc. 300 Wildwood Avenue Woburn, MA 01801
ATTN:	Simona Holacsek
Phone:	(781) 933-2555
Project Name:	DRINKING WATER SAMPLE
Project Number:	290426
Report Date:	11/13/17

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Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1740278-01	001-BSMT. MAIN PIPE	DW	SPRINGFIELD HOJ	11/02/17 09:20	11/03/17
L1740278-02	002-G27C BREAKROOM	DW	SPRINGFIELD HOJ	11/02/17 09:25	11/03/17
L1740278-03	003-121A JUDGES' LOBBY	DW	SPRINGFIELD HOJ	11/02/17 09:28	11/03/17
L1740278-04	004-1ST FL. D.C. CLERK'S BREAK	DW	SPRINGFIELD HOJ	11/02/17 09:42	11/03/17
L1740278-05	005-1ST FL. D.C. PROB. BREAK RM.	DW	SPRINGFIELD HOJ	11/02/17 09:47	11/03/17
L1740278-06	006-228 EMPLOYEE BREAK RM.	DW	SPRINGFIELD HOJ	11/02/17 09:51	11/03/17
L1740278-07	007-204A JUDGES' LOBBY	DW	SPRINGFIELD HOJ	11/02/17 09:55	11/03/17
L1740278-08	008-249B JUDGES' LOBBY	DW	SPRINGFIELD HOJ	11/02/17 10:01	11/03/17
L1740278-09	009-305 EMPLOYEE BREAK RM.	DW	SPRINGFIELD HOJ	11/02/17 10:12	11/03/17
L1740278-10	010-371 EMPLOYEE BREAK RM.	DW	SPRINGFIELD HOJ	11/02/17 10:16	11/03/17
L1740278-11	011-347B JUDGES' LOBBY	DW	SPRINGFIELD HOJ	11/02/17 10:19	11/03/17
L1740278-12	012-317A JUDGES' LOBBY	DW	SPRINGFIELD HOJ	11/02/17 10:25	11/03/17
L1740278-13	013-416B JUDGES' LOBBY	DW	SPRINGFIELD HOJ.	11/02/17 10:29	11/03/17
L1740278-14	014-428B JUDGES' LOBBY	DW	SPRINGFIELD HOJ.	11/02/17 10:31	11/03/17
L1740278-15	015-439 EMPLOYEE KITCHEN	DW	SPRINGFIELD HOJ.	11/02/17 10:34	11/03/17
L1740278-16	016-427 EMPLOYEE BREAK RM.	DW	SPRINGFIELD HOJ.	11/02/17 10:40	11/03/17
L1740278-17	017-BSMT. MAIN PIPE	WATER	SPRINGFIELD HOJ.	11/02/17 10:50	11/03/17

Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

Case Narrative (continued)

Report Submission

The requested analyses were provided by the client.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Cristin Walker

Title: Technical Director/Representative

Date: 11/13/17

METALS

Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-01
 Client ID: 001-BSMT. MAIN PIPE
 Sample Location: SPRINGFIELD HOJ
 Matrix: Dw

Date Collected: 11/02/17 09:20
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 15:26	EPA 3005A	3,200.8	AM
Lead, Total	0.0166		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 15:26	EPA 3005A	3,200.8	AM
Manganese, Total	0.0131		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 15:26	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-02
 Client ID: 002-G27C BREAKROOM
 Sample Location: SPRINGFIELD HOJ
 Matrix: Dw

Date Collected: 11/02/17 09:25
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 15:46	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 15:46	EPA 3005A	3,200.8	AM
Manganese, Total	0.0055		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 15:46	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-03
 Client ID: 003-121A JUDGES' LOBBY
 Sample Location: SPRINGFIELD HOJ
 Matrix: Dw

Date Collected: 11/02/17 09:28
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 15:59	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 15:59	EPA 3005A	3,200.8	AM
Manganese, Total	0.0044		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 15:59	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-04
 Client ID: 004-1ST FL. D.C. CLERK'S BREAK
 Sample Location: SPRINGFIELD HOJ
 Matrix: Dw

Date Collected: 11/02/17 09:42
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:03	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:03	EPA 3005A	3,200.8	AM
Manganese, Total	0.0037		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 16:03	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-05
 Client ID: 005-1ST FL. D.C. PROB. BREAK R
 Sample Location: SPRINGFIELD HOJ
 Matrix: Dw

Date Collected: 11/02/17 09:47
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:07	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:07	EPA 3005A	3,200.8	AM
Manganese, Total	0.0046		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 16:07	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE**Lab Number:** L1740278**Project Number:** 290426**Report Date:** 11/13/17**SAMPLE RESULTS**

Lab ID: L1740278-06

Date Collected: 11/02/17 09:51

Client ID: 006-228 EMPLOYEE BREAK RM.

Date Received: 11/03/17

Sample Location: SPRINGFIELD HOJ

Field Prep: Not Specified

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:11	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:11	EPA 3005A	3,200.8	AM
Manganese, Total	0.0032		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 16:11	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-07
 Client ID: 007-204A JUDGES' LOBBY
 Sample Location: SPRINGFIELD HOJ
 Matrix: Dw

Date Collected: 11/02/17 09:55
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:15	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:15	EPA 3005A	3,200.8	AM
Manganese, Total	0.0037		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 16:15	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-08
 Client ID: 008-249B JUDGES' LOBBY
 Sample Location: SPRINGFIELD HOJ
 Matrix: Dw

Date Collected: 11/02/17 10:01
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:19	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:19	EPA 3005A	3,200.8	AM
Manganese, Total	0.0059		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 16:19	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-09
 Client ID: 009-305 EMPLOYEE BREAK RM.
 Sample Location: SPRINGFIELD HOJ
 Matrix: Dw

Date Collected: 11/02/17 10:12
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:23	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:23	EPA 3005A	3,200.8	AM
Manganese, Total	0.0051		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 16:23	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-10
 Client ID: 010-371 EMPLOYEE BREAK RM.
 Sample Location: SPRINGFIELD HOJ
 Matrix: Dw

Date Collected: 11/02/17 10:16
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:27	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:27	EPA 3005A	3,200.8	AM
Manganese, Total	0.0052		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 16:27	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-11
 Client ID: 011-347B JUDGES' LOBBY
 Sample Location: SPRINGFIELD HOJ
 Matrix: Dw

Date Collected: 11/02/17 10:19
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:32	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:32	EPA 3005A	3,200.8	AM
Manganese, Total	0.0046		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 16:32	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-12
 Client ID: 012-317A JUDGES' LOBBY
 Sample Location: SPRINGFIELD HOJ
 Matrix: Dw

Date Collected: 11/02/17 10:25
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:36	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:36	EPA 3005A	3,200.8	AM
Manganese, Total	0.0140		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 16:36	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-13
 Client ID: 013-416B JUDGES' LOBBY
 Sample Location: SPRINGFIELD HOJ.
 Matrix: Dw

Date Collected: 11/02/17 10:29
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:48	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:48	EPA 3005A	3,200.8	AM
Manganese, Total	0.0030		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 16:48	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-14
 Client ID: 014-428B JUDGES' LOBBY
 Sample Location: SPRINGFIELD HOJ.
 Matrix: Dw

Date Collected: 11/02/17 10:31
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:52	EPA 3005A	3,200.8	AM
Lead, Total	0.0012		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:52	EPA 3005A	3,200.8	AM
Manganese, Total	0.0035		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 16:52	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-15
 Client ID: 015-439 EMPLOYEE KITCHEN
 Sample Location: SPRINGFIELD HOJ.
 Matrix: Dw

Date Collected: 11/02/17 10:34
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:56	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 16:56	EPA 3005A	3,200.8	AM
Manganese, Total	0.0054		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 16:56	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-16
 Client ID: 016-427 EMPLOYEE BREAK RM.
 Sample Location: SPRINGFIELD HOJ.
 Matrix: Dw

Date Collected: 11/02/17 10:40
 Date Received: 11/03/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 15:38	EPA 3005A	3,200.8	AM
Lead, Total	ND		mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 15:38	EPA 3005A	3,200.8	AM
Manganese, Total	0.0066		mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 15:38	EPA 3005A	3,200.8	AM



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-16 Batch: WG1060304-1									
Arsenic, Total	ND	mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 15:10	3,200.8	AM
Lead, Total	ND	mg/l	0.0010	--	1	11/07/17 09:40	11/07/17 15:10	3,200.8	AM
Manganese, Total	ND	mg/l	0.0025	--	1	11/07/17 09:40	11/07/17 15:10	3,200.8	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: DRINKING WATER SAMPLE

Project Number: 290426

Lab Number: L1740278

Report Date: 11/13/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-16 Batch: WG1060304-2								
Arsenic, Total	102		-		85-115	-		
Lead, Total	106		-		85-115	-		
Manganese, Total	106		-		85-115	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-16 QC Batch ID: WG1060304-3 QC Sample: L1740278-01 Client ID: 001-BSMT. MAIN PIPE												
Arsenic, Total	ND	0.12	0.1184	99		-	-		70-130	-		20
Lead, Total	0.0166	0.51	0.5468	104		-	-		70-130	-		20
Manganese, Total	0.0131	0.5	0.5286	103		-	-		70-130	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-16 QC Batch ID: WG1060304-5 QC Sample: L1740278-16 Client ID: 016-427 EMPLOYEE BREAK RM.												
Arsenic, Total	ND	0.12	0.1138	95		-	-		70-130	-		20
Lead, Total	ND	0.51	0.5207	102		-	-		70-130	-		20
Manganese, Total	0.0066	0.5	0.5285	104		-	-		70-130	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-16 QC Batch ID: WG1060304-4 QC Sample: L1740278-01 Client ID: 001-BSMT. MAIN PIPE						
Arsenic, Total	ND	ND	mg/l	NC		20
Lead, Total	0.0166	0.0168	mg/l	1		20
Manganese, Total	0.0131	0.0135	mg/l	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-16 QC Batch ID: WG1060304-6 QC Sample: L1740278-16 Client ID: 016-427 EMPLOYEE BREAK RM.						
Arsenic, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Manganese, Total	0.0066	0.0067	mg/l	1		20

INORGANICS & MISCELLANEOUS

Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

SAMPLE RESULTS

Lab ID: L1740278-17
Client ID: 017-BSMT. MAIN PIPE
Sample Location: SPRINGFIELD HOJ.
Matrix: Water

Date Collected: 11/02/17 10:50
Date Received: 11/03/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Dissolved	50.		mg/l	10	--	1	-	11/09/17 11:05	121,2540C	DW



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 17 Batch: WG1061171-1										
Solids, Total Dissolved	ND		mg/l	10	--	1	-	11/09/17 11:05	121,2540C	DW

Lab Control Sample Analysis Batch Quality Control

Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 17 Batch: WG1061171-2								
Solids, Total Dissolved	96		-		80-120	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 17 QC Batch ID: WG1061171-3 QC Sample: L1740739-01 Client ID: DUP Sample						
Solids, Total Dissolved	500	510	mg/l	2		10

Project Name: DRINKING WATER SAMPLE**Lab Number:** L1740278**Project Number:** 290426**Report Date:** 11/13/17**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1740278-01A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-02A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-03A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-04A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-05A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-06A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-07A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-08A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-09A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-10A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-11A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-12A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-13A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-14A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-15A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-16A	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		MN-2008T(180),AS-2008T(180),PB-2008T(180)
L1740278-17A	Plastic 950ml unpreserved	A	7	7	2.4	Y	Absent		TDS-2540(7)

Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: Data Usability Report



Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

Project Name: DRINKING WATER SAMPLE
Project Number: 290426

Lab Number: L1740278
Report Date: 11/13/17

REFERENCES

- 3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 2

8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-8220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Project Information

Project Name: DRINKING WATER SAMPLE

Project Location: SPRINGFIELD HOJ.

Project #: 290426

Project Manager: SIMONA HOUNGSON

ALPHA Quote #:

Date Rec'd in Lab: 11/3/17

ALPHA Job #: 01740278

Report Information - Data Deliverables

ADEx EMAIL

Billing Information

Same as Client info PO #:

Client Information

Client: TRC

Address: 300 WILLOWOOD AVE.
WOBURN

Phone:

Email: S.HOUNGSON@TRCSOLUTIONS.COM

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due:

Regulatory Requirements & Project Information Requirements

Yes No MA MCP Analytical Methods Yes No CT RCP Analytical Methods

Yes No Matrix Spike Required on this SDG? (Required for MCP Inorganics)

Yes No GW1 Standards (Info Required for Metals & EPH with Targets)

Yes No NPDES RGP

Other State / Fed Program _____ Criteria _____

Additional Project Information:

* ADDITIONAL ANALYSES MAY BE NEEDED
PLEASE CALL BEFORE PREP.

ANALYSIS	VOC: <input type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> 524.2	SVOC: <input type="checkbox"/> ABN <input type="checkbox"/> PAH	METALS: <input type="checkbox"/> MCP 13 <input type="checkbox"/> MCP 14 <input type="checkbox"/> RCP 15	METALS: <input type="checkbox"/> RCRA5 <input type="checkbox"/> RCRA8	EPH: <input type="checkbox"/> Ranges & Targets <input type="checkbox"/> Ranges Only	VPH: <input type="checkbox"/> Ranges & Targets <input type="checkbox"/> Ranges Only	PCB <input type="checkbox"/> PEST	TPH: <input type="checkbox"/> Quant Only <input type="checkbox"/> Fingerprint	HALOGENIC	SAMPLE INFO
										Filtration
										<input type="checkbox"/> Field
										<input type="checkbox"/> Lab to do
										Preservation
										<input type="checkbox"/> Lab to do
										Sample Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler Initials	ANALYSIS										SAMPLE INFO	Sample Comments		
		Date	Time			VOC: <input type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> 524.2	SVOC: <input type="checkbox"/> ABN <input type="checkbox"/> PAH	METALS: <input type="checkbox"/> MCP 13 <input type="checkbox"/> MCP 14 <input type="checkbox"/> RCP 15	METALS: <input type="checkbox"/> RCRA5 <input type="checkbox"/> RCRA8	EPH: <input type="checkbox"/> Ranges & Targets <input type="checkbox"/> Ranges Only	VPH: <input type="checkbox"/> Ranges & Targets <input type="checkbox"/> Ranges Only	PCB <input type="checkbox"/> PEST	TPH: <input type="checkbox"/> Quant Only <input type="checkbox"/> Fingerprint	HALOGENIC	Filtration			Preservation	
<u>01740278-01</u>	<u>001-BSMT. MTH PIPE</u>	<u>11/02</u>	<u>9:20</u>	<u>W</u>	<u>S.H.</u>														<u>DRINKING WATER</u>
<u>-02</u>	<u>002-627C BREAKROOM</u>		<u>9:25</u>																
<u>03</u>	<u>003-21A JUDGES' LOBBY</u>		<u>9:28</u>																
<u>-04</u>	<u>004-1ST R. D.C. CHURCH'S BRKRM</u>		<u>9:42</u>																
<u>-05</u>	<u>005-1ST R. D.C. PROB. BRKRM</u>		<u>9:47</u>																
<u>-06</u>	<u>006-228 EMPLOYEE BRKRM</u>		<u>9:51</u>																
<u>-07</u>	<u>007-204A JUDGES' LOBBY</u>		<u>9:55</u>																
<u>-08</u>	<u>008-249B JUDGES' LOBBY</u>		<u>10:01</u>																
<u>-09</u>	<u>009-305 EMPLOYEE BRKRM</u>		<u>10:12</u>																
<u>-10</u>	<u>010-371 EMPLOYEE BRKRM</u>		<u>10:16</u>																

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO₃
D= H₂SO₄
E= NaOH
F= MeOH
G= NaHSO₄
H= Na₂S₂O₈
I= Ascorbic Acid
J= NH₄Cl
K= Zn Acetate
O= Other

Container Type

Preservative C

Relinquished By: <u>SIMONA HOUNGSON</u>	Date/Time <u>11/2 16:06</u>	Received By: <u>AAL</u>	Date/Time <u>11/3/17 10:23</u>
<u>AAL</u>	<u>11/3/17 14:29</u>	<u>[Signature]</u>	<u>11/3/17 14:29</u>

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



CHAIN OF CUSTODY

PAGE 2 OF 2

8 Walkup Drive Westboro, MA 01581 Tel: 508-898-8220
 320 Forbes Blvd Mansfield, MA 02048 Tel: 508-822-9300

Client Information

Client: TRC
 Address:
 Phone:
 Email:

Project Information

Project Name:
 Project Location:
 Project #: 290426
 Project Manager: J.H.
 ALPHA Quote #:

Date Rec'd in Lab: 11/3/17 ALPHA Job #: L174027B

Report Information - Data Deliverables
 ADEx EMAIL
 Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

Yes No MA MCP Analytical Methods Yes No CT RCP Analytical Methods
 Yes No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
 Yes No GW1 Standards (Info Required for Metals & EPH with Targets)
 Yes No NPDES RGP
 Other State /Fed Program Criteria

Additional Project Information:

ADDITIONAL ANALYSIS MAY BE NEEDED
 PLEASE CALL BEFORE PREP.

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
 Date Due:

ANALYSIS	VOC: <input type="checkbox"/> 8260 <input type="checkbox"/> 824 <input type="checkbox"/> 524.2	SAMPLE INFO
	SVOC: <input type="checkbox"/> ABN <input type="checkbox"/> PAH	
	METALS: <input type="checkbox"/> MCP 13 <input type="checkbox"/> MCP 14 <input type="checkbox"/> RCP 15	
	METALS: <input type="checkbox"/> RCRA5 <input type="checkbox"/> RCRA8 <input type="checkbox"/> PP13	
	EPH: <input type="checkbox"/> Ranges & Targets <input type="checkbox"/> Ranges Only	
	VPH: <input type="checkbox"/> Ranges & Targets <input type="checkbox"/> Ranges Only	
	PCB <input type="checkbox"/> PEST	
	TPH: <input type="checkbox"/> Quant Only <input type="checkbox"/> Fingerprint	
	MYCNIC	
	TDS	
	Filtration	
	<input type="checkbox"/> Field	
	<input type="checkbox"/> Lab to do	
	Preservation	
	<input type="checkbox"/> Lab to do	
	Sample Comments	

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler Initials	ANALYSIS										SAMPLE INFO				
		Date	Time			VOC	SVOC	METALS	METALS	EPH	VPH	PCB	TPH	MYCNIC	TDS					
<u>4027B-11</u>	<u>011-347B JUDGES' LOBBY</u>	<u>11/02</u>	<u>10:19</u>	<u>W</u>	<u>J.H.</u>														<u>X</u>	
<u>-12</u>	<u>012-317A JUDGES' LOBBY</u>		<u>10:25</u>																	
<u>-13</u>	<u>013-416B JUDGES' LOBBY</u>		<u>10:29</u>																	
<u>-14</u>	<u>014-428C JUDGES' LOBBY</u>		<u>10:31</u>																	
<u>-15</u>	<u>015-439 EMPLOYEE KITCHEN</u>		<u>10:34</u>																	
<u>-16</u>	<u>016-427 EMPLOYEE BREAKRM</u>		<u>10:40</u>																	
<u>-17</u>	<u>017- BLMF. MAIN PIPE</u>		<u>10:50</u>																<u>X</u>	<u>ON HOLD</u>

Container Type P= Plastic A= Amber glass V= Vial G= Glass B= Bacteria cup C= Cube O= Other E= Encore D= BOD Bottle	Preservative A= None B= HCl C= HNO3 D= H2SO4 E= NaOH F= MeOH G= NaHSO4 H= Na2S2O8 I= Ascorbic Acid J= NH4Cl K= Zn Acetate O= Other	Container Type CA	Preservative CA
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Relinquished By: <u>Silvana Nolasco</u> <u>AAC</u>	Date/Time: <u>11/02 16:06</u> <u>11/03/17 1429</u>	Received By: <u>AAC</u> <u>Stalder</u>	Date/Time: <u>11/3/17 1023</u> <u>11/3/17 1429</u>	All samples submitted are subject to Alpha's Terms and Conditions. See reverse side. FORM NO: 01-01 (rev. 12-Mar-2012)
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