ENVIROTECH LABORATORIES, INC.
MA CERT. NO.: M-MA 063

8 Jan Sebastian Drive Unit 12
Sandwich, MA 02563
(508)888-6460 1-800-339-6460
FAX (508)888-6446

Client Name	*Simpson Spring Co.*	***Location***	Annual Source Test Yearly
Address	PO Box 328		
	S. Easton MA		
	02375	***Sample Date***	05/16/16
Collected By	M Bertarelli	***Sample Time***	09:00
Sample Type	Drinking Water	***Date Received***	05/16/16
Lab Order Number	DW-161318	***Well Specs***	

Location Source A	***Date Collected*** 05/16/16	***Time Collected*** 09:00	***Comments***			
Analysis Requested	***Units***	***Recommended Limits***	***Analysis Result***	***Method***	***Date Analyzed***	***Analyzed By***
pH	pH units	6.5-8.5	5.97	SM 4500-H-B	5/16/2016	LL
Nitrite-N	mg/L	1.00	ND	EPA 300.0	5/16/2016	LL
Nitrate-N	mg/L	10.0	3.69	EPA 300.0	5/16/2016	LL
Sodium	mg/L	20.0	27.3	EPA 200.7	5/18/2016	MC
Total Iron¤	mg/L	0.3	<0.01	EPA 200.7	5/18/2016	MC
Manganese¤	mg/L	0.05	0.006	EPA 200.7	5/18/2016	MC
Potassium¤	mg/L	20.0	2.0	EPA 200.7	5/18/2016	MC
Calcium	mg/L	N/A	15.0	EPA 200.7	5/18/2016	MC
Magnesium¤	mg/L	N/A	2.4	EPA 200.7	5/18/2016	MC
Total Hardness¤	mg/L	50-200	47.3	EPA 200.7	5/19/2016	MC
Sulfate	mg/L	250	12.3	EPA 300.0	5/16/2016	LL
Chloride¤	mg/L	250	49.7	EPA 300.0	5/16/2016	LL
Turbidity	NTU	5.0	ND	SM 2130B	5/16/2016	LL
Color¤	APC units	15	ND	SM 2120B	5/16/2016	LL
Odor¤	TON	3.0	ND	SM 2150B	5/16/2016	LL
Volatile Organic Compounds*	ug/L	See comment.	None Detected	EPA 524.2	5/27/2016	RIA*
Fluoride	mg/L	4.0	ND	EPA 300.0	5/16/2016	LL
Copper	mg/L	1.30	<0.003	EPA 200.7	5/18/2016	MC
Arsenic*	mg/L	0.010	ND	EPA 200.8	5/24/2016	RIA*
Lead*	mg/L	0.015	ND	EPA 200.8	5/24/2016	RIA*
Zinc	mg/L	5.0	<0.004	EPA 200.7	5/18/2016	MC
Aluminum	mg/L	0.05-2.0	<0.010	EPA 200.7	5/18/2016	MC
Silver	mg/L	0.1	<0.002	EPA 200.7	5/18/2016	MC
Barium	mg/L	2.0	0.022	EPA 200.7	5/18/2016	MC
Cadmium	mg/L	0.005	<0.002	EPA 200.7	5/18/2016	MC
Chromium	mg/L	0.1	<0.002	EPA 200.7	5/18/2016	MC
Nickel	mg/L	N/A	<0.005	EPA 200.7	5/18/2016	MC
Mercury*	mg/L	0.002	<0.0005	EPA 245.1	5/19/2016	RIA*
Cyanide*	mg/L	0.2	ND	M 4500-CN-C,	5/24/2016	RIA*
SOC*	*	NA	*See Attached	*	5/25/2016	Microbac
Asbestos*	*	*	None Detected	*	5/26/2016	EMSL Analaytica
Perchlorate*	ug/L	*	0.24 'J'	*	5/26/2016	BCL*
TDS	mg/L	500	158	SM2540C	5/18/2016	KB
Selenium*	mg/L	0.05	ND	EPA 200.8	5/24/2016	RIA*
Antimony*	mg/L	0.006	<0.002	EPA 200.8	5/19/2016	RIA*
Beryllium*	mg/L	0.004	ND	EPA 200.7	5/24/2016	RIA*

BRL = Below Reportable Limits **See Attached*

¤Certification is not available for this analyte for non-potable water samples..

ENVIROTECH LABORATORIES, INC.
MA CERT. NO.: M-MA 063

8 Jan Sebastian Drive Unit 12
Sandwich, MA 02563
(508)888-6460 1-800-339-6460
FAX (508)888-6446

Client Name	*Simpson Spring Co.*	***Location***	Annual Source Test Yearly
Address	PO Box 328 S. Easton MA 02375	***Sample Date***	05/16/16
Collected By	M Bertarelli	***Sample Time***	09:00
Sample Type	Drinking Water	***Date Received***	05/16/16
Lab Order Number	DW-161318	***Well Specs***	

Location Source A	***Date Collected*** 05/16/16	***Time Collected*** 09:00	***Comments***			
Analysis Requested	***Units***	***Recommended Limits***	***Analysis Result***	***Method***	***Date Analyzed***	***Analyzed By***
Thallium*	mg/L	0.002	ND	EPA 200.8	5/24/2016	RIA*
Gross Alpha Screen	pCi/L	15	3.00 +/- 2.69	EPA 900.0	6/3/2016	Summit

Comments:

Low pH indicates high corrosive characteristics.
Sodium level is not a health hazard.

Date 7/15/2016

Ronald J. Saari
Laboratory Director

BRL = Below Reportable Limits **See Attached*
cCertification is not available for this analyte for non-potable water samples

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order ID:	041613071
Customer ID:	ENVL21
Customer PO:	
Project ID:	

Attn:	Ron Saari	Phone:	(508) 888-6460
	Envirotech Laboratories	Fax:	(508) 888-6446
	8 Jan Sebastian Dr	Collected:	05/16/2016
	Unit 12	Received:	05/17/2016
	Sandwich, MA 02563	Analyzed:	05/26/2016
Proj:	Simpson Spring Co PWS #4088004		

Test Report: Determination of Asbestos Structures ≥ 0.5 µm & > 10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm^2)	Area Analyzed (mm^2)	ASBESTOS					
						Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
								MFL (million fibers per liter)		
DW-161318 041613071-0001	5/17/2016 11:45 AM	100	1392	0.0762	≥ 0.5 µm	None Detected	ND	0.18	<0.18	0.00 - 0.67
					> 10 µm only	None Detected	ND	0.18	<0.18	0.00 - 0.67

Analyst(s)
Ted Young (1)

Benjamin Ellis, Laboratory Manager
or Other Approved Signatory

Any questions please contact Benjamin Ellis.

Initial report from: 05/26/2016 11:29:02

ENVIROTECH LABORATORIES, INC.
MA CERT. NO.: M-MA 063
8 Jan Sebastian Drive Unit 12
Sandwich, MA 02563
(508)888-6460 1-800-339-6460
FAX (508)888-6446

Client Name	*Simpson Spring Co.*	*Location*	Source
Address	PO Box 328		
	S. Easton MA		
	02375	*Sample Date*	06/06/16
Collected By	J Bertarelli	*Sample Time*	12:00
Sample Type	Source	*Date Received*	06/06/16
Lab Order Number	DW-161611	*Well Specs*	NA

Location Source A	*Date Collected* 06/06/16	*Time Collected* 12:00	*Comments* Diquat and Endothall			
Analysis Requested	*Units*	*Recommended Limits*	*Analysis Result*	*Method*	*Date Analyzed*	*Analyzed By*
SOC*	*	NA	see attached	*	6/23/2016	NTL

Comments:

Date 8/2/2016

Ronald J. Saari
Laboratory Director

BRL = Below Reportable Limits **See Attached*
cCertification is not available for this analyte for non-potable water samples..

MICROBAC

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

ANALYTICAL DATA REPORT

prepared for:

Envirotech Laboratories, Inc.
8 Jan Sebastian Drive
Unit 12
Sandwich, MA 02563
Attn: Ronald Saari

Report Number: E605N56
Project: Simpson Springs

Received Date: 05/19/2016
Report Date: 05/26/2016

David Dickinson
Technical Director

ACCREDITED IN ACCORDANCE WITH nelac
CT DPH #PH-0465 EPA #CT00008 KY EEC #90151 MA DEP #M-CT008 MD #349
ME DHHS #CT0050 NH ELAP #2020 NY ELAP #11549 PA DEP #68-04413 RI DOH #LAO00346 TN #04903
VA #460279 VT DOH #VT11549

MICROBAC

61 Louisa Viens Drive
Dayville, CT 06241
Fax: 860-774-2689
Phone: 860-774-6814
Toll-Free: 800-334-0103

Report No: E605N56
Client: Envirotech Laboratories, Inc
Project: Simpson Springs

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

The results presented in this report relate only to the samples received.

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Microbac Laboratories, Inc. received one sample from Envirotech Laboratories, Inc on 05/19/2016. The sample was analyzed for the following list of analyses in accordance with MA DEP regulations unless otherwise indicated:

MASS SOC
504.1[504.1], 505[505], 515.3[515.3], 525.2[525.2], 531.2

Non-Conformances:

Work Order:

None

Sample:

None

Analysis:

None

Massachusetts Department of Environmental Protection - Drinking Water Program

Synthetic Organic Contaminant Report

SOC

I. PWS INFORMATION: Please refer to your DEP Water Quality Sampling Schedule (WQSS) to help complete this form

PWS ID #: 4088004 **City / Town:** Easton, MA

PWS Name: Simpson Springs **PWS Class:** COM ☐ NTNC ☐ TNC ☐

DEP LOCATION (LOC) ID#	DEP Location Name	Sample Information		Sample Acidified?	Date Collected	Collected By
161318	Source	☐ (M)ultiple ☑ (S)ingle	☐ (R)aw ☑ (F)inished	Yes ☑	5/16/2016	Client

Routine or Special Sample	Original, Resumitted or Confirmation Report	If Resubmitted, list below	
		(1) Reason for Resubmission	(2) Collection Date of Original Sample
☑ RS ☐ SS	☑ Original ☐ Resubmitted ☐ Confirmation	☐ Resample ☐ Reanalysis ☐ Report Correction	

SAMPLE NOTES - (Such as, if a Manifold/Multiple sample, list the sources that were on-line during sample collection).

II. ANALYTICAL LABORATORY INFORMATION

Primary Lab MA Cert. #: M-CT008 **Primary Lab Name:** Microbac Laboratories, Inc. **Subcontract? (Y/N)** N

Analytical Methods (List All)	Date Extracted	Date Analyzed	Analysis Lab MA Cert#	Analysis Lab Name	Lab Sample ID#
515.3	5/25/2016	5/25/2016	M-CT008	Microbac Laboratories, Inc.	E605N56-1
505	5/20/2016	5/20/2016	M-CT008	Microbac Laboratories, Inc.	E605N56-1
504.1	5/23/2016	5/23/2016	M-CT008	Microbac Laboratories, Inc.	E605N56-1
525.2	5/23/2016	5/24/2016	M-CT008	Microbac Laboratories, Inc.	E605N56-1
531.2		5/25/2016	M-CT008	Microbac Laboratories, Inc.	E605N56-1

Was this Sample Composited by the Lab?	COMPOSITE SAMPLE NOTES List the composited sources by DEP Source Code (XXXXX-XXX), up to five individual sources per sample.
☐	

LAB SAMPLE NOTES

CAS#	SOC Regulated Contaminants	Results µg/L	MCL µg/L	MDL µg/L	Analytical Method
1563-66-2	CARBOFURAN	ND	40.0	0.90	531.2
23135-22-0	OXAMYL (VYDATE)	ND	200.0	2.0	531.2
94-75-7	2,4-D	ND	70.0	0.10	515.3
93-72-1	2,4,5-TP (SILVEX)	ND	50.0	0.20	515.3
75-99-0	DALAPON	ND	200.0	1.0	515.3
88-85-7	DINOSEB	ND	7.0	0.20	515.3
1918-02-1	PICLORAM	ND	500	0.10	515.3
87-86-5	PENTACHLOROPHENOL	ND	1.0	0.040	515.3
15972-60-8	ALACHLOR	ND	2.0	0.19	525.2
1912-24-9	ATRAZINE	ND	3.0	0.096	525.2
72-20-80	ENDRIN	ND	2.0	0.0096	525.2
76-44-8	HEPTACHLOR	ND	0.4	0.038	525.2
1024-57-3	HEPTACHLOR EPOXIDE	ND	0.2	0.038	525.2
58-88-9	LINDANE	ND	0.2	0.038	525.2
73-43-5	METHOXYCHLOR	ND	40.0	0.096	525.2
118-74-1	HEXACHLOROBENZENE	ND	1.0	0.096	525.2
77-47-4	HEXACHLOROCYCLOPENTADIENE	ND	50.0	0.096	525.2
122-43-9	SIMAZINE	ND	4.0	0.067	525.2
50-32-8	BENZO(A)PYRENE	ND	0.2	0.038	525.2
103-23-1	DI(2-ETHYLHEXYL)ADIPATE	ND	400.0	0.58	525.2
117-81-7	DI(2-ETHYLHEXYL)PHTHALATE	ND	6.0	0.58	525.2

Synthetic Organic Contaminant Report

CAS#	SOC Regulated Contaminants	Results µg/L	MCL µg/L	MDL µg/L	Analytical Method
57-74-9	CHLORDANE	ND	2.0	0.20	505
8001-35-2	TOXAPHENE	ND	3.0	1.0	505
12674-11-2	PCB AROCLOR 1016	ND	---	0.22	505
11104-28-2	PCB AROCLOR 1221	ND	---	0.22	505
11141-16-5	PCB AROCLOR 1232	ND	---	0.22	505
53469-21-9	PCB AROCLOR 1242	ND	---	0.22	505
12672-29-6	PCB AROCLOR 1248	ND	---	0.22	505
11097-69-1	PCB AROCLOR 1254	ND	---	0.22	505
11096-82-5	PCB AROCLOR 1260	ND	---	0.22	505
1336-36-3	PCBS (DECACHLOROBIPHENYL)				
	Monitoring requirements for DBCP and EDB have been waived statewide for SURFACE WATER SOURCES ONLY. All groundwater sources must monitor for these two contaminants.				
96-12-8	DIBROMOCHLOROPROPANE (DBCP)	ND	0.2	0.010	504.1
106-93-4	ETHYLENEDIBROMIDE (EDB)	ND	0.02	0.010	504.1
	Monitoring requirements for the following four contaminants have been waived statewide for both groundwater and surface water sources, however monitoring and reporting for Diquat is required for surface waters that have applied Diquat.				
85-00-7	DIQUAT				
145-73-3	ENDOTHALL				
1071-53-6	GLYPHOSATE				
1746-01-6	2,3,7,8-TCDD (DIOXIN)				

CAS#	SOC Regulated Contaminants	Results µg/L	ORSG µg/L	MDL µg/L	Analytical Method
116-06-3	ALDICARB	ND	3*	0.50	531.2
1646-88-4	ALDICARB SULFONE	ND	2*	0.80	531.2
1646-87-3	ALDICARB SULFOXIDE	ND	4*	0.50	531.2
63-25-2	CARBARYL	ND	---	0.50	531.2
16655-82-6	3-HYDROXYCARBOFURAN	ND	---	0.50	531.2
16752-77-5	METHOMYL	ND	---	0.50	531.2
1918-00-9	DICAMBA	ND	---	0.10	515.3
309-00-2	ALDRIN	ND	---	0.096	525.2
23184-66-9	BUTACHLOR	ND	---	0.096	525.2
60-57-1	DIELDRIN	ND	---	0.038	525.2
51218-45-2	METOLACHLOR	ND	---	0.096	525.2
21087-64-9	METRIBUZIN	ND	100*	0.096	525.2
1918-16-7	PROPACHLOR	ND	---	0.096	525.2

* No MCL, however the DEP Office of Research and Standards has established a guideline (ORSG) limit for this contaminant.

Method	Surrogate Name	% Recovery (70 - 130%)
515.3	DCAA	104%
525.2	Pyrene-d10	100%
531.2	4-Bromo-3,5-dimethylphenyl-N-methylcarbamate	109%

Method	Surrogate Name	% Recovery (70 - 130%)
525.2	1,3-Dimethyl-2-nitrobenzene	100%
525.2	triphenylphosphate	116%

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge

Primary Lab Director Signature:

Date: 5/26/2016

If not submitting results electronically, mail TWO copies of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report or no later than 10 days after the end of the reporting period, whichever is sooner.

DEP REVIEW STATUS (Initial & Date) ☐ Accepted ☐ Disapproved	Review Comments		☐ WQTS Data Entered

R.I. ANALYTICAL
Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

Envirotech Laboratories, Inc.
Attn: Mr. Ron Saari
8 Jan Sebastian Drive
Sandwich, MA 02563

Date Received: 5/17/2016
Date Reported: 5/31/2016
P.O. #:
Work Order #: 1605-11294

DESCRIPTION: PWS# 4088004 SIMPSON SPRINGS

Subject sample(s) has/have been analyzed by our Warwick, RI laboratory with the attached results.

Reference: All parameters were analyzed by U.S. EPA approved methodologies.
The specific methodologies are listed in the methods column of the Certificate of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.
The Detection Limit is defined as the lowest level that can be reliably achieved during routine laboratory conditions.

Results relate only to samples submitted to the laboratory for analysis.
Test results are not blank corrected.

Certification # (as applicable to the sample's origin state):
RI LAI00033, MA M-RI015, CT PH-0508, ME RI00015, NH 2070, NY 11726

If you have any questions regarding this work, or if we may be of further assistance, please contact our customer service department.

Approved by:

enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

Envirotech Laboratories, Inc.
Date Received: 5/17/2016
Work Order #: 1605-11294

Sample # 001
SAMPLE DESCRIPTION: DW-161318 SOURCE YEARLY
SAMPLE TYPE:GRAB **SAMPLE DATE/TIME:** 5/16/2016 @ 09:00

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
Total Cyanide	<0.01	0.01	mg/l	SM4500CN-C,E 18-22ed	5/23/2016	16:15	JJG
Total Metals Analyzed by ICPMS							
Antimony	<0.002	0.002	mg/l	EPA 200.8	5/24/2016	10:50	PJC
Arsenic	<0.001	0.001	mg/l	EPA 200.8	5/24/2016	10:50	PJC
Beryllium	<0.0002	0.0002	mg/l	EPA 200.8	5/24/2016	10:50	PJC
Lead	<0.001	0.001	mg/l	EPA 200.8	5/24/2016	10:50	PJC
Mercury	<0.0005	0.0005	mg/l	EPA 245.1	5/19/2016	15:49	JRW
Selenium	<0.002	0.002	mg/l	EPA 200.8	5/24/2016	10:50	PJC
Thallium	<0.001	0.001	mg/l	EPA 200.8	5/24/2016	10:50	PJC
Volatile Organic Compounds							
Bromodichloromethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Bromoform	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Dibromochloromethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Chloroform	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Benzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Carbon Tetrachloride	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,2-Dichloroethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Trichloroethene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,4-Dichlorobenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,1-Dichloroethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,1,1-Trichloroethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Vinyl Chloride	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Bromobenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Bromomethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Chlorobenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Chloroethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Chloromethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
2-Chlorotoluene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
4-Chlorotoluene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Dibromomethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,3-Dichlorobenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,2-Dichlorobenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Trans-1,2-Dichloroethene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
cis-1,2-Dichloroethene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Methylene Chloride	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,1-Dichloroethene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,1-Dichloropropene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,2-Dichloropropane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,3-Dichloropropane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
cis-1,3-Dichloropropene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

Envirotech Laboratories, Inc.
Date Received: 5/17/2016
Work Order #: 1605-11294

Sample # 001
SAMPLE DESCRIPTION: DW-161318 SOURCE YEARLY
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 5/16/2016 @ 09:00

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED		ANALYST
trans-1,3-Dichloropropylene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
2,2-Dichloropropane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Ethylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Styrene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,1,2-Trichloroethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,1,1,2-Tetrachloroethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,1,2,2-Tetrachloroethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Tetrachloroethene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,2,3-Trichloropropane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Toluene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
o-Xylene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
m,p-Xylene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Xylenes	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Bromochloromethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
n-Butylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Dichlorodifluoromethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Trichlorofluoromethane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Isopropylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Hexachlorobutadiene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
p-Isopropyltoluene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Naphthalene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
n-Propylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Sec-butylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
tert-Butylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,2,3-Trichlorobenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,2,4-Trichlorobenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,2,4-Trimethylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
1,3,5-Trimethylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
MTBE	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
n-Hexane	<0.5	0.5	ug/l	EPA 524.2	5/27/2016	13:47	KF
Surrogates			RANGE	EPA 524.2	5/27/2016	0:00	KF
4-Bromofluorobenzene	94		80-120%	EPA 524.2	5/27/2016	13:47	KF
1,2-Dichlorobenzene-d4	106		80-120%	EPA 524.2	5/27/2016	13:47	KF
Mercury Digestion				EPA 245.1	5/19/2016	13:40	CRC

Method 524 = Methylene Chloride was detected in the method blank at the reporting limit. Sample did not detect this compound.

Massachusetts Department of Environmental Protection - Drinking Water Program ClO_4

Perchlorate Report

	4088004	South Easton	
PWS Name:	Simpson Source Co.	PWS Class:	COM ☐ NTNC ☐ TNC ☐

DEP LOCATION (LOC) ID#	DEP Location Name	Sample Information		Date Collected	Collected By
001	Simpson Spring	☐ (M)ultiple ☐ (S)ingle	☐ (R)aw ☐ (F)inished	05/16/2016	M. Bertarelli

Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:	
		(1) Reason for Resubmission	(2) Collection Date of Original Sample
☐ RS ☐ SS	☐ Original ☐ Resubmitted ☐ Confirmation	☐ Resample ☐ Reanalysis ☐ Report Correction	

SAMPLE NOTES – (Such as, if a Manifold/Multiple sample, list any sources that were on-line during collection).

II. ANALYTICAL LABORATORY INFORMATION:

Primary Lab MA Cert. #:	M-MA063	Primary Lab Name:	Envirotech Lab	Subcontracted? (Y/N)	Y
Analysis Lab MA Cert. #:	M-MA009	Analysis Lab Name:	Barnstable County Lab		

CONTAMINANT	Result	UOM	MCL	MDL	MRL	Lab Method	Date Analyzed	Lab Sample ID#
PERCHLORATE	0.24 'J'	µg/L	2.0	0.050	0.050	EPA 314.0	05/26/2016	G1693020-01
CONDUCTIVITY	250	umhos/cm	---	1.0	2.0	EPA 120.1	05/25/2016	G1693020-01

Perchlorate analysis requires the use of a Massachusetts DEP approved laboratory.

Perchlorate concentrations between the Minimum Detection Limit (MDL) and the Minimum Reporting Level (MRL) must be reported as estimated (J) values (i.e. perchlorate is positively present but tentatively quantified).

All field samples with measured native perchlorate concentrations between 0.8 µg/L and 2.0 µg/L must be retested with and without a perchlorate spike approximately equal to the native perchlorate concentration.

LAB SAMPLE NOTES

Reanalysis and Spike Recovery (required for results between 0.8 µg/L and 2.0 µg/L or samples subject to pretreatment in method EPA 314.0)

Compound	Result (µg/L)	MDL (µg/L)	MRL (µg/L)	Spike Concentration (µg/L)	Spike Recovery (%)	Lab Method	Date Analyzed
Perchlorate (reanalysis)							
Perchlorate (spike)							

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

Primary Lab Director Signature: [signature]

Date: 4/11/16

If not submitting these results electronically, mail TWO copies of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report or no later than 10 days after the end of the reporting period, whichever is sooner.

DEP REVIEW STATUS (Initial & Date)	Review Comments		☐ WQTS Data Entered
☐ Accepted _____ ☐ Disapproved _____			

CERTIFICATE OF ANALYSIS

Barnstable County Health Laboratory (M-MA009)

Report Prepared For:
Ronald J. Saari
Envirotech Labs, Inc
8 Jan Sebastian Drive, Unit 12
Sandwich, MA 02563

Report Dated: 5/26/2016

Order No.: G1693020

Laboratory ID #: 1693020-01 **Description:** Water - Drinking Water
Sample #: **Sample Location:** Simpson Spring **Collected:** 05/16/2016
Collected by: Customer **Received:** 05/17/2016

Perchlorate_

ITEM	RESULT	UNITS	RL	MCL	METHOD #	ANALYST	TESTED	NOTE
Conductance	250	umohs/cm	2.0		EPA 120.1	LAP	5/25/2016	
Perchlorate	0.24 'J'	ug/L	1.0	2.0	EPA 314.0	LAP	5/26/2016	

Water sample meets the recommended limits for drinking water of all the above tested parameters.

Attached please find the laboratory certified parameter list.

Approved By: Jennifer Le
(Lab Director)
5/26/2016

ND = None Detected RL = Reporting Limit MCL = Maximum Contaminant Level

SUMMIT
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July 13, 2016

Ron Saari
Envirotech Laboratories
8 Jan Sebastian Drive
Unit 12
Sandwich, MA 02563
TEL: (508) 888-6460
FAX: (508) 888-6446

RE: Simpson Spring Co. (Source) Code 001

Dear Ron Saari: Order No.: 16051168

Summit Environmental Technologies, Inc. received 1 sample(s) on 5/18/2016 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

Patti Alderson

Patti Alderson
Project Manager
3310 Win St.
Cuyahoga Falls, Ohio 44223

Alabama 41600, Arkansas 88-0735, California 07256CA, Colorado, Connecticut PH-0105, Delaware, Florida NELAC E87688, Georgia E87688 and 943, Idaho OH00923, Illinois 200061 and Reg.5, Indiana C-OH-13, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Louisiana 04061 and LA12004, Maine 2012015, Maryland 339, Massachusetts M-OPH923, Minnesota 409711, Montana CERT0099, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, Ohio Drinking Water 4170, Ohio VAP CL0052, Oklahoma 9940, Oregon OH200001, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-11-5, Region 8 8TMS-L, USDA/APHIS P330-11-00244, Utah OH009232011-1, Vermont VT-87688, Virginia 00440 and 1581, Washington C891, West Virginia 248 and 9957C and E87688, Wisconsin 399013010

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Website: http://www.settek.com

Case Narrative

WO#: **16051168**
Date: **7/13/2016**

CLIENT: Envirotech Laboratories
Project: Simpson Spring Co. (Source) Code 001

This report in its entirety consists of the documents listed below. All documents contain the Summit Environmental Technologies, Inc., Work Order Number assigned to this report.

Paginated Report including Cover Letter, Case Narrative, Analytical Results, Applicable Quality Control Summary Reports, and copies of the Chain of Custody Documents are supplied with this sample set.

Concentrations reported with a J-Flag in the Qualifier Field are values below the Limit of Quantitation (LOQ) but greater than the established Method Detection Limit (MDL).

Method numbers, unless specified as SM (Standard Methods) or ASTM, are EPA methods.

Estimated uncertainty values are available upon request.

Analysis performed by DBM, VRM, or SFG were performed at Summit Labs 2704 Eatonton Highway Haddock, GA 31033

All results for Solid Samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

Summit Environmental Technologies, Inc., holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report.

The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the customer. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

This report is believed to meet all of the requirements of NELAC or the accrediting / certifying agency. Any comments or problems with the analytical events associated with this report are noted below. Analytical Comments for SVOC_DW(547), Sample ICAL_100 PPB, Batch ID R54050 : Integrated peak area included a sharp, non-analyte peak likely caused by a bubble/interference in the flow path.

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Case Narrative

WO#: **16051168**
Date: **7/13/2016**

CLIENT: Envirotech Laboratories
Project: Simpson Spring Co. (Source) Code 001

Overall calibration curve not significantly affected.

Sample 16051168 (DW-161318) unable to be analyzed for EPA methods 548/549 due to laboratory error.

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Website: http://www.settek.co

Qualifiers and Acronyms

WO#: **16051168**
Date: **7/13/2016**

These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

U	The compound was analyzed for but was not detected.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
H	The hold time for sample preparation and/or analysis was exceeded.
D	The result is reported from a dilution.
E	The result exceeded the linear range of the calibration or is estimated due to interference.
MC	The result is below the Minimum Compound Limit.
*	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
m	Manual integration was used to determine the area response.
N	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
P	The second column confirmation exceeded 25% difference.
C	The result has been confirmed by GC/MS.
X	The result was not confirmed when GC/MS Analysis was performed.
B/MB+	The analyte was detected in the associated blank.
G	The ICB or CCB contained reportable amounts of analyte.
QC-/+	The CCV recovery failed low (-) or high (+).
R/QDR	The RPD was outside of accepted recovery limits.
QL-/+	The LCS or LCSD recovery failed low (-) or high (+).
QLR	The LCS/LCSD RPD was outside of accepted recovery limits.
QM-/+	The MS or MSD recovery failed low (-) or high (+).
QMR	The MS/MSD RPD was outside of accepted recovery limits.
QV-/+	The ICV recovery failed low (-) or high (+).
S	The spike result was outside of accepted recovery limits.
Z	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information

Acronyms

ND	Not Detected	**RL**	Reporting Limit
QC	Quality Control	**MDL**	Method Detection Limit
MB	Method Blank	**LOD**	Level of Detection
LCS	Laboratory Control Sample	**LOQ**	Level of Quantitation
LCSD	Laboratory Control Sample Duplicate	**PQL**	Practical Quantitation Limit
QCS	Quality Control Sample	**CRQL**	Contract Required Quantitation Limit
DUP	Duplicate	**PL**	Permit Limit
MS	Matrix Spike	**RegLvl**	Regulatory Limit
MSD	Matrix Spike Duplicate	**MCL**	Maximum Contamination Limit
RPD	Relative Percent Different	**MinCL**	Minimum Compound Limit
ICV	Initial Calibration Verification	**RA**	Reanalysis
ICB	Initial Calibration Blank	**RE**	Reextraction
CCV	Continuing Calibration Verification	**TIC**	Tentatively Identified Compound
CCB	Continuing Calibration Blank	**RT**	Retention Time
RLC	Reporting Limit Check	**CF**	Calibration Factor
DF	Dilution Factor	**RF**	Response Factor

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.

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Website: http://www.settek.com

Workorder Sample Summary

WO#: **16051168**

13-Jul-16

CLIENT: Envirotech Laboratories
Project: Simpson Spring Co. (Source) Code 001

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
16051168-001	PWS#4088004 Lab ID DW-161318		5/16/2016 9:00:00 AM	5/18/2016 10:20:00 AM	Drinking Water

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Analytical Report

(consolidated)

WO#: **16051168**

Date Reported: **7/13/2016**

CLIENT: Envirotech Laboratories **Collection Date:** 5/16/2016 9:00:00 AM

Project: Simpson Spring Co. (Source) Code 001

Lab ID: 16051168-001 **Matrix:** DRINKING WATER

Client Sample ID PWS#4088004 Lab ID DW-161318

Analyses	Result	RL	Qual	Units	Uncertainty	DF	Date Analyzed
GROSS ALPHA / GROSS BETA RADIOACTIVITY (EPA 900.0)					**E900.0**	**E900**	Analyst: **BRD**
ALPHA, Gross	ND	3.00	U	pCi/L	± 2.69	1	6/3/2016 7:08:00 AM
BETA, Gross	ND	4.00	U	pCi/L	± 2.43	1	6/3/2016 7:08:00 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
MC	Value is below Minimum Compound Limit.	N	Tentatively identified compounds
ND	Not Detected at the Reporting Limit	O	RSD is greater than RSDlimit
P	Second column confirmation exceeds	PL	Permit Limit

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Website: http://www.settek.com

Analytical Report

(base report)

WO#: **16051168**

Date Reported: **7/13/2016**

CLIENT: Envirotech Laboratories
Matrix: DRINKING WATER
Lab ID: 16051168-001A
Project: Simpson Spring Co. (Source) Code 001
Client Sample ID PWS#4088004 Lab ID DW-161318

Tag Number:
Collection Date: 5/16/2016 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TCDD-DW-1613B				**E1613**	**E1613**	Analyst: **CM**
DIOXIN (1613-B)						
2,3,7,8-TCDD	ND	2.02	U	pg/L	1	6/14/2016
EPA547-DW				**E547**		Analyst: **POW**
GLYPHOSATE BY HPLC (EPA 547)						
Glyphosate	ND	0.0250	UQC+	mg/L	1	5/22/2016 9:39:07 PM

Qualifiers:

B	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits
U	Samples with CalcVal < MDL
M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode

Original

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Ron Saari
Envirotech Laboratories
8 Jan Sebastian Drive
Unit 12
Sandwich, MA 02563
TEL: (508) 888-6460
FAX: (508) 888-6446

RE: Simpson Spring Co. Source Code 001

Dear Ron Saari: Order No.: 16060435

Summit Environmental Technologies, Inc. received 1 sample(s) on 6/7/2016 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

Patti Alderson

Patti Alderson
Project Manager
3310 Win St.
Cuyahoga Falls, Ohio 44223

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Website: http://www.settek.com

Case Narrative

WO#: **16060435**
Date:

CLIENT: Envirotech Laboratories
Project: Simpson Spring Co. Source Code 001

This report in its entirety consists of the documents listed below. All documents contain the Summit Environmental Technologies, Inc., Work Order Number assigned to this report.

Paginated Report including Cover Letter, Case Narrative, Analytical Results, Applicable Quality Control Summary Reports, and copies of the Chain of Custody Documents are supplied with this sample set.

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Method numbers, unless specified as SM (Standard Methods) or ASTM, are EPA methods.

Estimated uncertainty values are available upon request.

Analysis performed by DBM, VRM, or SFG were performed at Summit Labs 2704 Eatonton Highway Haddock, GA 31033

All results for Solid Samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

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This report is believed to meet all of the requirements of NELAC or the accrediting / certifying agency. Any comments or problems with the analytical events associated with this report are noted below.
16060435
SVOC_DW(548.1) has been Sub Contracted to National Testing Laboratories, Ltd. Ypsilanti, MI.

SUMMIT
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Case Narrative

WO#: **16060435**
Date:

CLIENT: Envirotech Laboratories
Project: Simpson Spring Co. Source Code 001

Please refer to subcontract report.
16060435
SVOC_DW(549.2) has been Sub Contracted.
16060435
SVPrep_DW(548.1) has been Sub Contracted.
16060435
SVPrep_DW(549.2) has been Sub Contracted.

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Website: http://www.settek.co

Qualifiers and Acronyms

WO#: **16060435**

Date:

These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

U	The compound was analyzed for but was not detected.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
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S	The spike result was outside of accepted recovery limits.
Z	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information

Acronyms

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CCB	Continuing Calibration Blank	**RT**	Retention Time
RLC	Reporting Limit Check	**CF**	Calibration Factor
DF	Dilution Factor	**RF**	Response Factor

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Workorder Sample Summary

WO#: **16060435**

02-Aug-16

CLIENT: Envirotech Laboratories
Project: Simpson Spring Co. Source Code 001

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
16060435-001	PWS#4088004 DW-161611		6/6/2016 3:00:00 PM	6/7/2016 10:15:00 AM	Drinking Water