Environmental Resources Management

One Beacon Street, 5th Floor
Boston, MA 02108
(617) 646-7800
(617) 267-6447 (fax)

http://www.erm.com

12 January 2018
Reference: 0252540

Mr. Michael B. Smith
Vermont Department of Environmental Conservation
Waste Management Prevention Division
One National Life Drive
Davis One
Montpelier, VT 05620-3704

Re: CAP Report #20
Energizer Battery Manufacturing, Inc.
401 Gage Street
Bennington, Vermont 05201

Dear Michael:

Environmental Resources Management (ERM) is pleased to submit this letter report to the Vermont Department of Environmental Conservation (VT DEC) documenting the Corrective Action Plan (CAP) post-remediation monitoring on behalf of Energizer Battery Manufacturing, Inc. (Energizer) for the Energizer facility at 401 Gage Street, Bennington, Vermont (the "Site"). The VT DEC Sites Management Section has assigned the Site Number 2006-3509.

POST-REMEDIATION MONITORING STATUS

Following discussion with and approval from VT DEC (per e-mail to ERM from Michael Smith, dated 18 September 2012), all Interim Remedial Measure (IRM) and CAP systems were deactivated on 25 September 2012 to enable initiation of post-remediation groundwater monitoring.

Post-remediation monitoring began in December 2012 and continued on a quarterly basis through March 2014. Semi-annual sampling began in September 2014 and continued until September 2015.

In February 2016, VT DEC agreed to a revised monitoring schedule (per e-mail to ERM from Michael Smith, dated 8 February 2016), which includes annual sampling (September) of ERM-12 and ERM-16; and biennial

sampling (every other year in September) of ERM-8, ERM-11S and ERM-13.

Annual sampling began in September 2016 and biennial sampling began in September 2017.

RESULTS AND RECOMMENDATIONS

Groundwater samples were collected using passive diffusion bags (PDBs) from five monitoring wells during the September 2017 biennial sampling event.

The following attachments present groundwater monitoring results:

- Table 1 – Groundwater Analytical Results
- Figures 3 and 4 – Groundwater Analytical Results and Time-Series Plots
- Appendix A – Laboratory Analytical Reports

Analytical results from groundwater samples collected in September 2017 indicate that PCE concentrations in the wells sampled continue to demonstrate steady-state conditions. In some wells, PCE concentrations increased (ERM-8 and ERM-12); in other wells, PCE concentrations decreased (ERM-11S and ERM-16); and, in ERM-13, PCE was not detected for the fifth consecutive sampling event. TCE was not detected in any of the wells sampled.

Based on the data collected during this reporting period, ERM recommends continuing with the current sampling program.

Please call either of the undersigned at (617) 646-7800 if you have any questions or require additional information.

Sincerely,

R. Joseph Fiacco, Jr., P.G.
Principal-in-Charge

Scotty Carvalho
Project Manager

Cc: Mr. Scott Boyle (Energizer)

Attachments:

Table 1 *Summary of Groundwater Analytical Results*
Figure 1 *Site Locus Map*
Figure 2 *Site Plan*
Figure 3 *PCE & TCE Concentrations in Groundwater Samples*
Figure 4 *PCE Groundwater Time Series Plots*
Appendix A *Groundwater Analytical Results*

Tables

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: Sample Date: Laboratory Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-8 21-Feb-07 Alpha N	ERM-8 17-Jun-10 Alpha N	ERM-8 17-Jun-10 Alpha PDB	ERM-8 15-Sep-10 Alpha PDB	ERM-8 16-Dec-10 Alpha PDB	ERM-8 17-Mar-11 Alpha PDB	ERM-8 28-Jun-11 Alpha PDB	ERM-8 28-Jun-11 Alpha FD	ERM-8 25-Oct-11 Alpha PDB	ERM-8 21-Dec-11 Alpha PDB
Volatile Organics (VOCs) (ug/l)											
Tetrachloroethylene	5	**62**	**7.7**	**8.9**	**7.7**	**2.7**	**4.4**	**7.9**	**7.7**	**7.0**	**3.2**
Trichloroethylene	5	**3.9**	**0.74**	**0.83**	**4.0**	**1.6**	**0.95**	**1.1**	**1.1**	**1.5**	**0.64**
Cis-1,2-Dichloroethene	70	**0.83**	*< 0.50*	*< 0.50*	**2.1**	**1.3**	**1.0**	**0.98**	**0.98**	**2.1**	**0.81**
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: / Sample Date: / Laboratory / Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-8 22-Mar-12 Alpha PDB	ERM-8 22-Mar-12 Alpha FD	ERM-8 26-Jun-12 Alpha PDB	ERM-8 26-Jun-12 Alpha FD	ERM-8 25-Sep-12 Alpha PDB	ERM-8 12-Sep-13 Alpha PDB	ERM-8 12-Sep-13 Alpha FD	ERM-8 16-Sep-14 Alpha PDB	ERM-8 16-Sep-14 Alpha FD	ERM-8 23-Sep-15 Alpha PDB	ERM-8 29-Sep-17 Alpha PDB
Volatile Organics (VOCs) (ug/l)												
Tetrachloroethylene	5	**1.5**	**1.5**	**2.3**	**2.3**	**1.5**	**0.97**	**0.98**	**2.0**	**2.0**	**1.6**	**4.4**
Trichloroethylene	5	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	**0.52**	*< 0.50*	*< 0.50*	**0.87**	**0.86**	**0.91**	*< 0.50*
Cis-1,2-Dichloroethene	70	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: Sample Date: Laboratory Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-11S 23-Feb-07 Alpha N	ERM-11S 16-Jun-10 Alpha N	ERM-11S 16-Jun-10 Alpha PDB	ERM-11S 15-Sep-10 Alpha PDB	ERM-11S 16-Dec-10 Alpha PDB	ERM-11S 18-Mar-11 Alpha PDB	ERM-11S 28-Jun-11 Alpha PDB	ERM-11S 24-Oct-11 Alpha PDB	ERM-11S 21-Dec-11 Alpha PDB	ERM-11S 22-Mar-12 Alpha PDB
Volatile Organics (VOCs) (ug/l)											
Tetrachloroethylene	5	**180**	**100**	**78**	**100**	**90**	**100**	**83**	**68**	**100**	**83**
Trichloroethylene	5	*< 2.5*	*< 0.50*	*< 0.50*	**5.3**	*< 1.2*	*< 1.0*	*< 1.2*	*< 1.2*	*< 0.50*	*< 0.50*
Cis-1,2-Dichloroethene	70	*< 2.5*	*< 0.50*	*< 0.50*	*< 1.2*	*< 1.2*	*< 1.0*	*< 1.2*	*< 1.2*	*< 0.50*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 3.8*	*< 0.75*	*< 0.75*	*< 1.9*	*< 1.9*	*< 1.5*	*< 1.9*	*< 1.9*	*< 0.75*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: Sample Date: Laboratory Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-11S 26-Jun-12 Alpha PDB	ERM-11S 25-Sep-12 Alpha PDB	ERM-11S 12-Sep-13 Alpha PDB	ERM-11S 19-Dec-13 Alpha PDB	ERM-11S 16-Sep-14 Alpha PDB	ERM-11S 23-Sep-15 Alpha PDB	ERM-11S 29-Sep-17 Alpha PDB
Volatile Organics (VOCs) (ug/l)								
Tetrachloroethylene	5	**92**	**100**	*	**80**	**110**	**120**	**99**
Trichloroethylene	5	*< 0.50*	*< 0.50*	*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Cis-1,2-Dichloroethene	70	*< 0.50*	*< 0.50*	*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 0.75*	*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*

* No sample taken. No PDB in well.

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: Sample Date: Laboratory Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-12 27-Feb-07 Alpha N	ERM-12 5-Sep-07 Stone N	ERM-12 5-Sep-07 Stone FD	ERM-12 18-Dec-07 Alpha N	ERM-12 10-Mar-08 Alpha N	ERM-12 10-Mar-08 Alpha FD	ERM-12 16-Jun-08 Alpha N	ERM-12 26-Sep-08 Alpha N	ERM-12 10-Dec-08 Alpha N	ERM-12 11-Mar-09 Alpha N
Volatile Organics (VOCs) (ug/l)											
Tetrachloroethylene	5	**120**	**210**	**180**	**150**	**72**	**69**	**190**	**84**	**290**	**60**
Trichloroethylene	5	*< 2.0*	*< 10*	*< 10*	*< 2.0*	**0.50**	*< 0.50*	*< 1.0*	**4.2**	**40**	**11**
Cis-1,2-Dichloroethene	70	*< 2.0*	*< 10*	*< 10*	*< 2.0*	*< 0.50*	*< 0.50*	*< 1.0*	*< 2.0*	**24**	**3.6**
Trans-1,2-Dichloroethene	100	*< 3.0*	*< 10*	*< 10*	*< 3.0*	*< 0.75*	*< 0.75*	*<1.5*	*< 3.0*	*< 3.0*	*< 1.5*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: Sample Date: Laboratory Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-12 17-Jun-09 Alpha N	ERM-12 16-Sep-09 Alpha N	ERM-12 8-Dec-09 Alpha N	ERM-12 30-Mar-10 Alpha N	ERM-12 16-Jun-10 Alpha N	ERM-12 16-Jun-10 Alpha PDB	ERM-12 15-Sep-10 Alpha PDB	ERM-12 16-Dec-10 Alpha PDB	ERM-12 18-Mar-11 Alpha PDB	ERM-12 18-Mar-11 Alpha PDB	ERM-12 28-Jun-11 Alpha PDB
Volatile Organics (VOCs) (ug/l)												
Tetrachloroethylene	5	**32.8**	**50**	**39**	**58**	**100**	**100**	**120**	**62**	**70**	**70**	**54**
Trichloroethylene	5	**6.78**	**3.5**	**1.1**	*< 0.50*	*< 0.50*	*< 0.50*	**5.0**	*< 1.2*	*< 1.0*	*< 1.0*	*< 1.0*
Cis-1,2-Dichloroethene	70	*<2.0*	*< 1.2*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 1.2*	*< 1.2*	*< 1.0*	*< 1.0*	*< 1.0*
Trans-1,2-Dichloroethene	100	*<2.0*	*< 1.9*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 1.9*	*< 1.9*	*< 1.5*	*< 1.5*	*< 1.5*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: / Sample Date: / Laboratory / Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-12 24-Oct-11 Alpha PDB	ERM-12 21-Dec-11 Alpha PDB	ERM-12 21-Mar-12 Alpha PDB	ERM-12 26-Jun-12 Alpha PDB	ERM-12 25-Sep-12 Alpha PDB	ERM-12 25-Sep-12 Alpha FD	ERM-12 11-Dec-12 Alpha PDB	ERM-12 11-Dec-12 Alpha FD	ERM-12 19-Mar-13 Alpha PDB	ERM-12 19-Jun-13 Alpha PDB
Volatile Organics (VOCs) (ug/l)											
Tetrachloroethylene	5	**53**	**80**	**57**	**55**	**76**	**78**	**120**	**120**	**91**	**66**
Trichloroethylene	5	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 1.2*	*< 0.50*
Cis-1,2-Dichloroethene	70	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 1.2*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 1.9*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: Sample Date: Laboratory Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-12 19-Jun-13 Alpha FD	ERM-12 12-Sep-13 Alpha PDB	ERM-12 19-Dec-13 Alpha PDB	ERM-12 19-Dec-13 Alpha FD	ERM-12 25-Mar-14 Alpha PDB	ERM-12 25-Mar-14 Alpha FD	ERM-12 16-Sep-14 Alpha PDB	ERM-12 23-Apr-15 Alpha PDB	ERM-12 23-Sep-15 Alpha PDB	ERM-12 28-Sep-16 Alpha PDB	ERM-12 28-Sep-16 Alpha FD
Volatile Organics (VOCs) (ug/l)												
Tetrachloroethylene	5	**63**	**4.9**	**93**	**100**	**100**	**100**	**140**	**100**	**72**	**90**	**88**
Trichloroethylene	5	*< 0.50*	*< 0.50*	*< 1.0*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Cis-1,2-Dichloroethene	70	*< 0.50*	*< 0.50*	*< 1.0*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 0.75*	*< 1.5*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: Sample Date: Laboratory Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-12 29-Sep-17 Alpha PDB	ERM-12 29-Sep-17 Alpha FD
Volatile Organics (VOCs) (ug/l)			
Tetrachloroethylene	5	**120**	**120**
Trichloroethylene	5	*< 0.50*	*< 0.50*
Cis-1,2-Dichloroethene	70	*< 0.50*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: / Sample Date: / Laboratory / Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-13 27-Feb-07 Alpha N	ERM-13 5-Sep-07 Stone N	ERM-13 10-Mar-08 Alpha N	ERM-13 16-Jun-08 Alpha N	ERM-13 26-Sep-08 Alpha N	ERM-13 10-Dec-08 Alpha N	ERM-13 11-Mar-09 Alpha N	ERM-13 17-Jun-09 Alpha N	ERM-13 16-Sep-09 Alpha N	ERM-13 7-Dec-09 Alpha N
Volatile Organics (VOCs) (ug/l)											
Tetrachloroethylene	5	**16**	**40**	**15**	**23**	**8.4**	**34**	**13**	**4.13**	**5.4**	**3.1**
Trichloroethylene	5	**1.2**	*< 10*	**0.71**	**0.61**	**1.4**	**4.0**	**4.7**	**4.77**	**2.8**	**1.1**
Cis-1,2-Dichloroethene	70	*< 0.50*	*< 10*	*< 0.50*	*< 0.50*	*< 0.50*	**1.5**	**1.9**	*< 2.0*	*< 0.50*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 10*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 2.0*	*< 0.75*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: Sample Date: Laboratory Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-13 30-Mar-10 Alpha N	ERM-13 15-Jun-10 Alpha N	ERM-13 15-Jun-10 Alpha FD	ERM-13 15-Sep-10 Alpha PDB	ERM-13 16-Dec-10 Alpha PDB	ERM-13 25-Sep-12 Alpha PDB	ERM-13 11-Dec-12 Alpha PDB	ERM-13 19-Mar-13 Alpha PDB	ERM-13 19-Mar-13 Alpha FD	ERM-13 19-Jun-13 Alpha PDB
Volatile Organics (VOCs) (ug/l)											
Tetrachloroethylene	5	**1.8**	**1.4**	**1.2**	**1.8**	**1.0**	**0.96**	*< 0.50*	*< 0.50*	*< 0.50*	**0.88**
Trichloroethylene	5	*< 0.50*	*< 0.50*	*< 0.50*	**2.0**	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Cis-1,2-Dichloroethene	70	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: Sample Date: Laboratory Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-13 12-Sep-13 Alpha PDB	ERM-13 25-Mar-14 Alpha PDB	ERM-13 24-Sep-14 Alpha PDB	ERM-13 23-Sep-15 Alpha PDB	ERM-13 29-Sep-17 Alpha PDB
Volatile Organics (VOCs) (ug/l)						
Tetrachloroethylene	5	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Trichloroethylene	5	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Cis-1,2-Dichloroethene	70	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: / Sample Date: / Laboratory / Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-16 22-May-07 Alpha N	ERM-16 4-Sep-07 Stone N	ERM-16 11-Mar-08 Alpha N	ERM-16 16-Jun-08 Alpha N	ERM-16 26-Sep-08 Alpha N	ERM-16 10-Dec-08 Alpha N	ERM-16 10-Mar-09 Alpha N	ERM-16 18-Jun-09 Alpha N	ERM-16 17-Sep-09 Alpha N	ERM-16 8-Dec-09 Alpha N
Volatile Organics (VOCs) (ug/l)											
Tetrachloroethylene	5	**54**	**38**	**31**	**54**	**49**	**99**	**33**	**15.1**	**21**	**23**
Trichloroethylene	5	**1.5**	*< 10*	*< 0.50*	*< 0.50*	**2.5**	**23**	**6.0**	**6.43**	**3.6**	**2.0**
Cis-1,2-Dichloroethene	70	*< 0.50*	*< 10*	*< 0.50*	*< 0.50*	**0.82**	**11**	**2.5**	*< 2.0*	*< 0.50*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 10*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 2.0*	*< 0.75*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: / Sample Date: / Laboratory / Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-16 30-Mar-10 Alpha N	ERM-16 15-Jun-10 Alpha N	ERM-16 15-Jun-10 Alpha FD	ERM-16 15-Jun-10 Alpha PDB	ERM-16 15-Sep-10 Alpha PDB	ERM-16 15-Dec-10 Alpha PDB	ERM-16 18-Mar-11 Alpha PDB	ERM-16 28-Jun-11 Alpha PDB	ERM-16 24-Oct-11 Alpha PDB	ERM-16 24-Oct-11 Alpha PDB	ERM-16 24-Oct-11 Alpha FD
Volatile Organics (VOCs) (ug/l)												
Tetrachloroethylene	5	**18**	**24**	**18**	**12**	**3.3**	**7.7**	**23**	**15**	**6.3**	**6.3**	**6.2**
Trichloroethylene	5	*< 0.50*	*< 0.50*	**1.6**	**0.91**	**2.5**	**1.1**	*< 0.50*	**0.71**	**0.74**	**0.74**	**0.73**
Cis-1,2-Dichloroethene	70	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID:	Primary Groundwater Quality Standards Enforcement Standard	ERM-16	ERM-16	ERM-16	ERM-16	ERM-16	ERM-16	ERM-16	ERM-16	ERM-16	ERM-16
Sample Date:		21-Dec-11	21-Dec-11	22-Mar-12	26-Jun-12	25-Sep-12	11-Dec-12	19-Mar-13	19-Jun-13	12-Sep-13	19-Dec-13
Laboratory		Alpha	Alpha	Alpha	Alpha	Alpha	Alpha	Alpha	Alpha	Alpha	Alpha
Sample Type:		PDB	FD	PDB	PDB	PDB	PDB	PDB	PDB	PDB	PDB
Volatile Organics (VOCs) (ug/l)											
Tetrachloroethylene	5	**3.7**	**3.5**	**6.1**	*< 0.50*	**4.9**	**4.7**	**18**	**9.0**	**4.9**	**17**
Trichloroethylene	5	**0.56**	**0.54**	**0.63**	*< 0.50*	**0.94**	**0.55**	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Cis-1,2-Dichloroethene	70	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Table 1
Summary of Groundwater Analytical Results
Energizer Facility
401 Gage Street, Bennington, VT

Location ID: / Sample Date: / Laboratory / Sample Type:	Primary Groundwater Quality Standards Enforcement Standard	ERM-16 25-Mar-14 Alpha PDB	ERM-16 16-Sep-14 Alpha PDB	ERM-16 23-Apr-15 Alpha PDB	ERM-16 23-Apr-15 Alpha FD	ERM-16 23-Sep-15 Alpha PDB	ERM-16 23-Sep-15 Alpha FD	ERM-16 28-Sep-16 Alpha PDB	ERM-16 29-Sep-17 Alpha PDB
Volatile Organics (VOCs) (ug/l)									
Tetrachloroethylene	5	**14**	**13**	**9.5**	**9.5**	**12**	**11**	**25**	**16**
Trichloroethylene	5	*< 0.50*	**0.58**	**0.68**	**0.64**	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Cis-1,2-Dichloroethene	70	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*	*< 0.50*
Trans-1,2-Dichloroethene	100	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*	*< 0.75*

Notes:

ug/l = Micrograms per liter.

< = Compound not detected. Method detection limit shown.

Bold cells indicate concentrations greater than the laboratory detection limits.

Shaded cells indicate exceedances of Primary Groundwater Quality Standards Enforcement Standard.

Alpha = Alpha Woods Hole Laboratory Westboro, MA.

Stone = Stone Environmental, Inc. Montpelier, VT.

Analyses for VOCs performed by Alpha (EPA Method SW8260) and Stone (EPA Method SW8260B). See Table for distinction.

FD = Field Duplicate.

N = Normal Sample.

PDB = Passive Diffusion Bag method of sample collection.

Figures

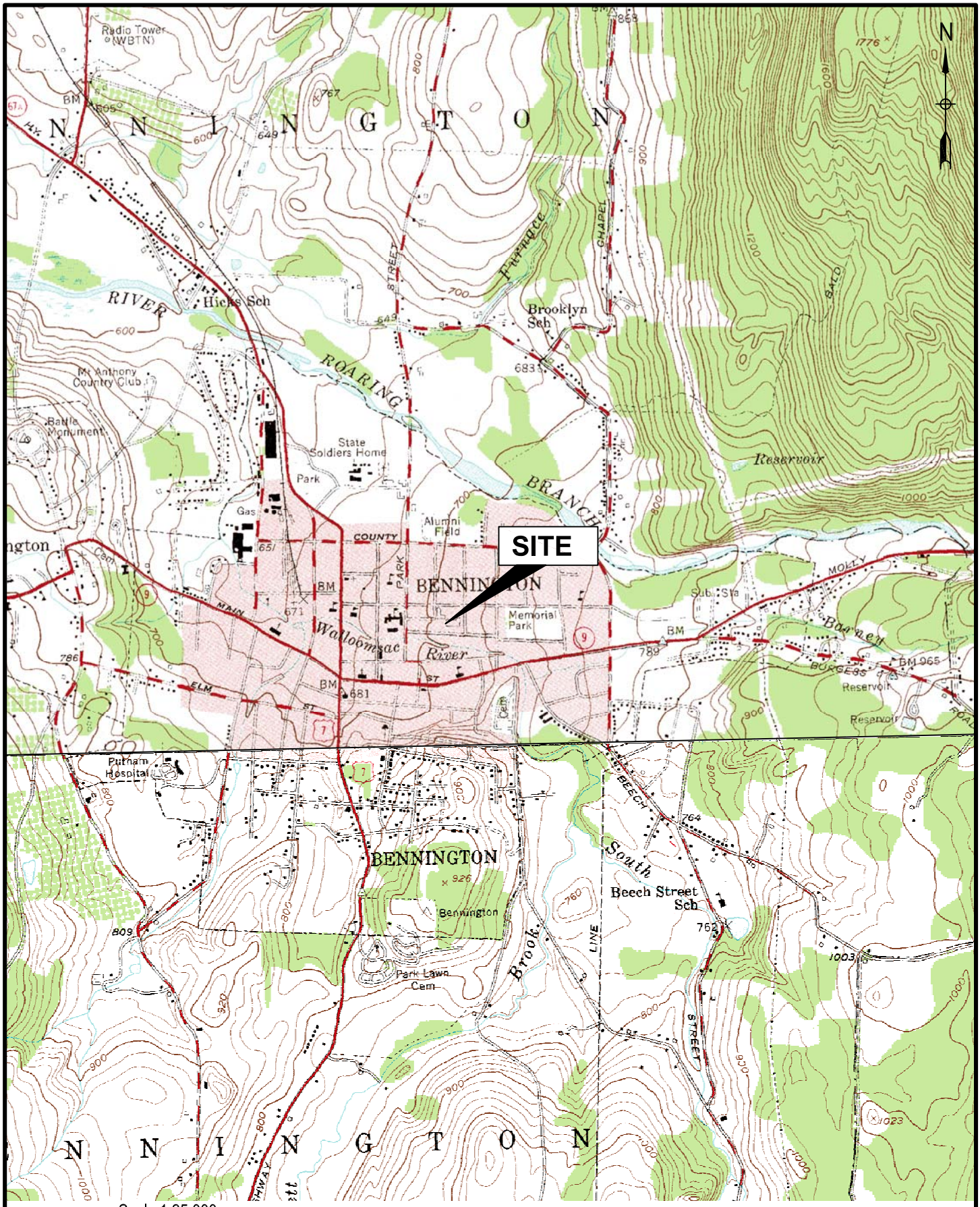


Figure 1 - Site Locus Map
Energizer Facility
401 Gage Street, Bennington, VT

ERM

R:\energizer\Report - 1 IRM-CAP O&M\CAD\Evergizer Locus Map.dwg (06/05/2008 - 10:35am Boston)

Figure 2 - Site Plan
Energizer Facility
401 Gage Street, Bennington, VT

ERM

R:\energizer\Report - 9 IRM-CAP O&M\CAD\Active Soil Gas Survey.dwg (12/07/2011 - 10:45am Boston)

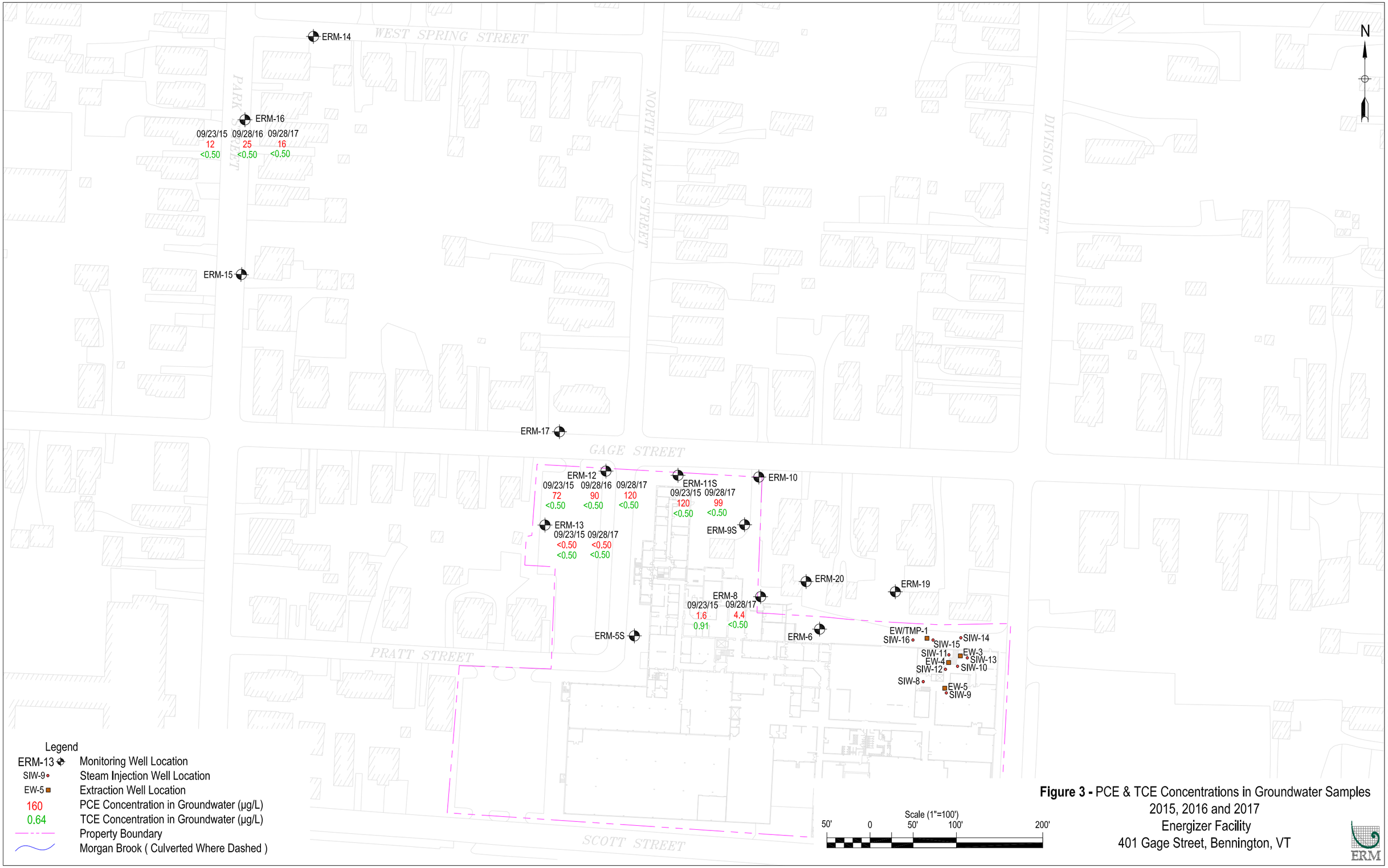
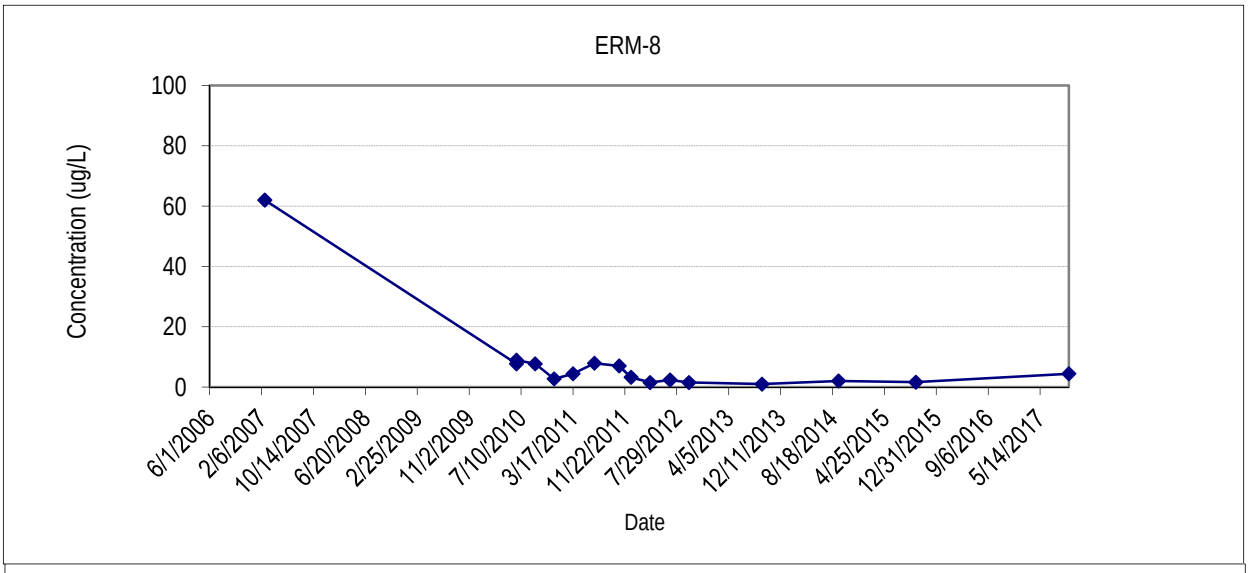
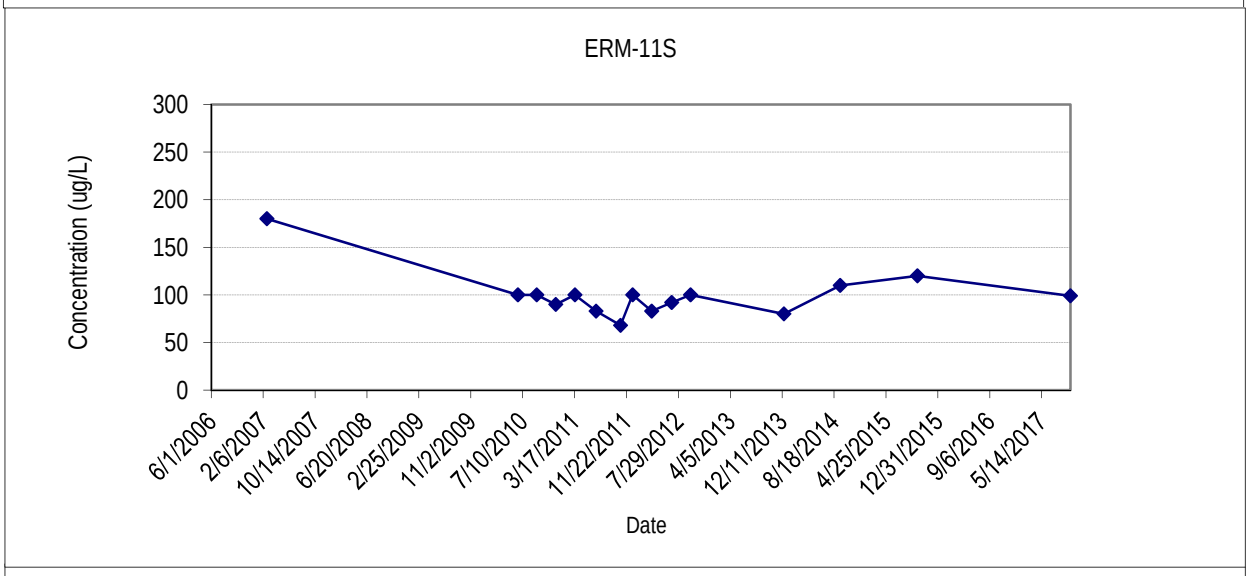


Figure 3 - PCE & TCE Concentrations in Groundwater Samples
2015, 2016 and 2017
Energizer Facility
401 Gage Street, Bennington, VT

ERM

Q:\Team\DMW\Clients_A_E\Energizer\Bennington\CAD\CAP\Report-CAP #20\PCE & TCE Concentrations in Groundwater Samples Sep2015 thru 2017.dwg (01/11/2018 - 8:33am Boston)





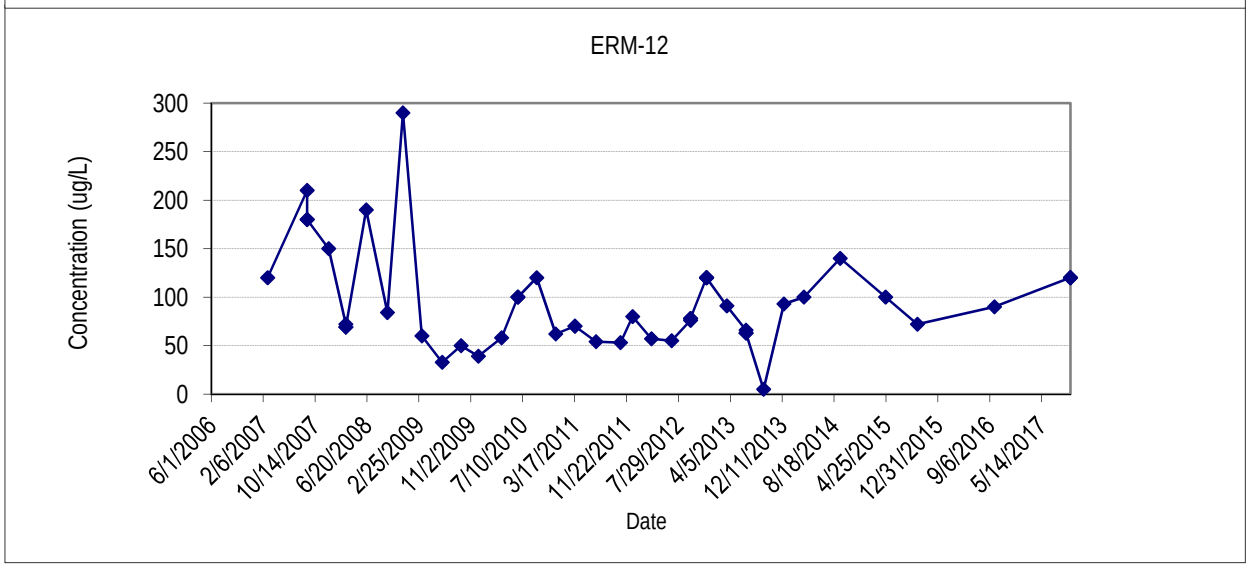


Figure 4 - PCE Groundwater Time Series Plots
Energizer Facility
401 Gage St, Bennington, VT

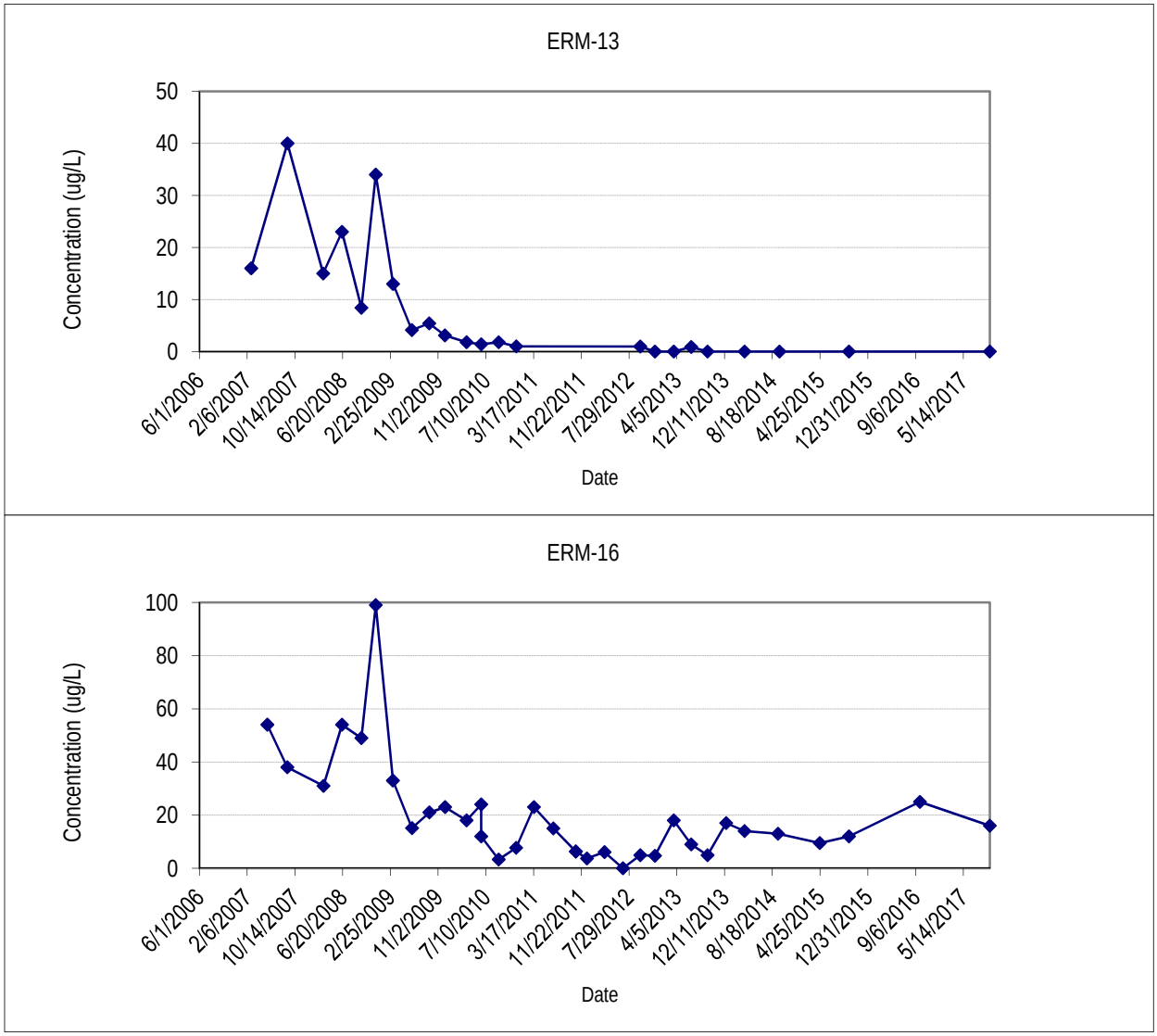


Figure 4 - PCE Groundwater Time Series Plots
Energizer Facility
401 Gage St, Bennington, VT

Appendix A – Groundwater Analytical Results

ANALYTICAL REPORT

Lab Number:	L1734980
Client:	ERM, Inc. 15 Park Row West Suite 104 Providence, RI 02903
ATTN:	Scott Carvalho
Phone:	(401) 415-9600
Project Name:	ENERGIZER
Project Number:	0252540
Report Date:	10/09/17

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ENERGIZER
Project Number: 0252540

Lab Number: L1734980
Report Date: 10/09/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1734980-01	TB-001-20170928-01	WATER	BENNINGTON, VT	09/28/17 08:00	09/29/17
L1734980-02	DUP-001-20170928-01	WATER	BENNINGTON, VT	09/28/17 11:11	09/29/17
L1734980-03	ERM-16-20170928-01	WATER	BENNINGTON, VT	09/28/17 10:10	09/29/17
L1734980-04	ERM-13-20170928-01	WATER	BENNINGTON, VT	09/28/17 10:45	09/29/17
L1734980-05	ERM-12-20170928-01	WATER	BENNINGTON, VT	09/28/17 11:10	09/29/17
L1734980-06	ERM-11S-20170928-01	WATER	BENNINGTON, VT	09/28/17 11:30	09/29/17
L1734980-07	ERM-8-20170928-01	WATER	BENNINGTON, VT	09/28/17 12:00	09/29/17

Project Name: ENERGIZER
Project Number: 0252540

Lab Number: L1734980
Report Date: 10/09/17

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.

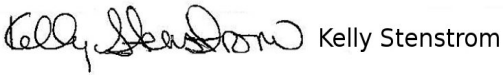
In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The 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.

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:  Kelly Stenstrom

Title: Technical Director/Representative Date: 10/09/17

ORGANICS

VOLATILES

Project Name: ENERGIZER
Project Number: 0252540
Lab Number: L1734980
Report Date: 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-01
Client ID: TB-001-20170928-01
Sample Location: BENNINGTON, VT

Date Collected: 09/28/17 08:00
Date Received: 09/29/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/08/17 20:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1

Project Name: ENERGIZER
Project Number: 0252540
Lab Number: L1734980
Report Date: 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-01
Client ID: TB-001-20170928-01
Sample Location: BENNINGTON, VT
Date Collected: 09/28/17 08:00
Date Received: 09/29/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: ENERGIZER
Project Number: 0252540
Lab Number: L1734980
Report Date: 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-02
Client ID: DUP-001-20170928-01
Sample Location: BENNINGTON, VT

Date Collected: 09/28/17 11:11
Date Received: 09/29/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/09/17 10:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	120		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1

Project Name: ENERGIZER **Lab Number:** L1734980

Project Number: 0252540 **Report Date:** 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-02 Date Collected: 09/28/17 11:11

Client ID: DUP-001-20170928-01 Date Received: 09/29/17

Sample Location: BENNINGTON, VT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: ENERGIZER
Project Number: 0252540
Lab Number: L1734980
Report Date: 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-03
Client ID: ERM-16-20170928-01
Sample Location: BENNINGTON, VT

Date Collected: 09/28/17 10:10
Date Received: 09/29/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/08/17 21:11
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	16		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1

Project Name: ENERGIZER **Lab Number:** L1734980

Project Number: 0252540 **Report Date:** 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-03 Date Collected: 09/28/17 10:10

Client ID: ERM-16-20170928-01 Date Received: 09/29/17

Sample Location: BENNINGTON, VT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: ENERGIZER
Project Number: 0252540
Lab Number: L1734980
Report Date: 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-04
Client ID: ERM-13-20170928-01
Sample Location: BENNINGTON, VT

Date Collected: 09/28/17 10:45
Date Received: 09/29/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/08/17 21:37
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1

Project Name: ENERGIZER
Project Number: 0252540
Lab Number: L1734980
Report Date: 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-04
Client ID: ERM-13-20170928-01
Sample Location: BENNINGTON, VT
Date Collected: 09/28/17 10:45
Date Received: 09/29/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: ENERGIZER
Project Number: 0252540
Lab Number: L1734980
Report Date: 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-05
Client ID: ERM-12-20170928-01
Sample Location: BENNINGTON, VT

Date Collected: 09/28/17 11:10
Date Received: 09/29/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/09/17 11:15
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	120		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1

Project Name: ENERGIZER **Lab Number:** L1734980

Project Number: 0252540 **Report Date:** 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-05 Date Collected: 09/28/17 11:10

Client ID: ERM-12-20170928-01 Date Received: 09/29/17

Sample Location: BENNINGTON, VT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: ENERGIZER **Lab Number:** L1734980

Project Number: 0252540 **Report Date:** 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-06 Date Collected: 09/28/17 11:30
Client ID: ERM-11S-20170928-01 Date Received: 09/29/17
Sample Location: BENNINGTON, VT Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/08/17 22:02
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	99		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1

Project Name: ENERGIZER **Lab Number:** L1734980

Project Number: 0252540 **Report Date:** 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-06 Date Collected: 09/28/17 11:30

Client ID: ERM-11S-20170928-01 Date Received: 09/29/17

Sample Location: BENNINGTON, VT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	106		70-130

Project Name: ENERGIZER
Project Number: 0252540
Lab Number: L1734980
Report Date: 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-07
Client ID: ERM-8-20170928-01
Sample Location: BENNINGTON, VT

Date Collected: 09/28/17 12:00
Date Received: 09/29/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/08/17 22:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	4.4		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1

Project Name: ENERGIZER
Project Number: 0252540
Lab Number: L1734980
Report Date: 10/09/17

SAMPLE RESULTS

Lab ID: L1734980-07
Client ID: ERM-8-20170928-01
Sample Location: BENNINGTON, VT
Date Collected: 09/28/17 12:00
Date Received: 09/29/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	105		70-130

Project Name: ENERGIZER
Project Number: 0252540

Lab Number: L1734980
Report Date: 10/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/17 20:21
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04,06-07 Batch: WG1050331-5					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
1,3-Dichloropropene, Total	ND		ug/l	0.50	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
1,2-Dichloroethene, Total	ND		ug/l	0.50	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Dichlorodifluoromethane	ND		ug/l	5.0	--

Project Name: ENERGIZER
Project Number: 0252540

Lab Number: L1734980
Report Date: 10/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/08/17 20:21
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04,06-07 Batch: WG1050331-5					
1,2-Dibromoethane	ND		ug/l	2.0	--
1,3-Dichloropropane	ND		ug/l	2.5	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
o-Chlorotoluene	ND		ug/l	2.5	--
p-Chlorotoluene	ND		ug/l	2.5	--
Hexachlorobutadiene	ND		ug/l	0.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: ENERGIZER
Project Number: 0252540

Lab Number: L1734980
Report Date: 10/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/17 09:34
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,05 Batch: WG1050346-5					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
1,3-Dichloropropene, Total	ND		ug/l	0.50	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
1,2-Dichloroethene, Total	ND		ug/l	0.50	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Dichlorodifluoromethane	ND		ug/l	5.0	--

Project Name: ENERGIZER
Project Number: 0252540

Lab Number: L1734980
Report Date: 10/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/17 09:34
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,05 Batch: WG1050346-5					
1,2-Dibromoethane	ND		ug/l	2.0	--
1,3-Dichloropropane	ND		ug/l	2.5	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
o-Chlorotoluene	ND		ug/l	2.5	--
p-Chlorotoluene	ND		ug/l	2.5	--
Hexachlorobutadiene	ND		ug/l	0.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0252540

Lab Number: L1734980

Report Date: 10/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04,06-07 Batch: WG1050331-3 WG1050331-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	90		93		70-130	3		20
Chloroform	91		93		70-130	2		20
Carbon tetrachloride	95		99		63-132	4		20
1,2-Dichloropropane	91		94		70-130	3		20
Dibromochloromethane	91		91		63-130	0		20
1,1,2-Trichloroethane	94		93		70-130	1		20
Tetrachloroethene	94		99		70-130	5		20
Chlorobenzene	89		92		75-130	3		25
1,2-Dichloroethane	93		93		70-130	0		20
1,1,1-Trichloroethane	94		97		67-130	3		20
Bromodichloromethane	93		94		67-130	1		20
trans-1,3-Dichloropropene	92		93		70-130	1		20
cis-1,3-Dichloropropene	96		98		70-130	2		20
Bromoform	91		91		54-136	0		20
1,1,2,2-Tetrachloroethane	100		99		67-130	1		20
Chloromethane	92		98		64-130	6		20
Vinyl chloride	93		99		55-140	6		20
Chloroethane	100		110		55-138	10		20
1,1-Dichloroethene	99		100		61-145	1		25
trans-1,2-Dichloroethene	94		100		70-130	6		20
Trichloroethene	89		93		70-130	4		25
1,2-Dichlorobenzene	91		92		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: ENERGIZER
Project Number: 0252540

Lab Number: L1734980
Report Date: 10/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04,06-07 Batch: WG1050331-3 WG1050331-4								
1,3-Dichlorobenzene	90		90		70-130	0		20
1,4-Dichlorobenzene	88		89		70-130	1		20
cis-1,2-Dichloroethene	94		95		70-130	1		20
Dichlorodifluoromethane	94		100		36-147	6		20
1,2-Dibromoethane	92		93		70-130	1		20
1,3-Dichloropropane	92		92		70-130	0		20
1,1,1,2-Tetrachloroethane	89		89		64-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	87		88		70-130	1		20
Hexachlorobutadiene	95		99		63-130	4		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		103		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	104		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0252540

Lab Number: L1734980

Report Date: 10/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,05 Batch: WG1050346-3 WG1050346-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	94		91		70-130	3		20
Chloroform	94		93		70-130	1		20
Carbon tetrachloride	97		94		63-132	3		20
1,2-Dichloropropane	93		95		70-130	2		20
Dibromochloromethane	88		92		63-130	4		20
1,1,2-Trichloroethane	91		95		70-130	4		20
Tetrachloroethene	96		94		70-130	2		20
Chlorobenzene	91		88		75-130	3		25
1,2-Dichloroethane	94		96		70-130	2		20
1,1,1-Trichloroethane	96		93		67-130	3		20
Bromodichloromethane	94		94		67-130	0		20
trans-1,3-Dichloropropene	89		93		70-130	4		20
cis-1,3-Dichloropropene	98		100		70-130	2		20
Bromoform	87		90		54-136	3		20
1,1,2,2-Tetrachloroethane	96		100		67-130	4		20
Chloromethane	97		94		64-130	3		20
Vinyl chloride	98		93		55-140	5		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	100		100		61-145	0		25
trans-1,2-Dichloroethene	98		97		70-130	1		20
Trichloroethene	92		90		70-130	2		25
1,2-Dichlorobenzene	89		90		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER
Project Number: 0252540

Lab Number: L1734980
Report Date: 10/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,05 Batch: WG1050346-3 WG1050346-4								
1,3-Dichlorobenzene	89		87		70-130	2		20
1,4-Dichlorobenzene	87		86		70-130	1		20
cis-1,2-Dichloroethene	96		96		70-130	0		20
Dichlorodifluoromethane	97		94		36-147	3		20
1,2-Dibromoethane	91		96		70-130	5		20
1,3-Dichloropropane	90		93		70-130	3		20
1,1,1,2-Tetrachloroethane	88		88		64-130	0		20
o-Chlorotoluene	88		84		70-130	5		20
p-Chlorotoluene	87		83		70-130	5		20
Hexachlorobutadiene	96		92		63-130	4		20
1,2,4-Trichlorobenzene	100		110		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		104		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	102		104		70-130

Project Name: ENERGIZER
Project Number: 0252540

Lab Number: L1734980
Report Date: 10/09/17

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(*)
L1734980-01A	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-01B	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-01C	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-02A	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-02B	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-02C	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-03A	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-03B	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-03C	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-04A	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-04B	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-04C	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-05A	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-05B	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-05C	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-06A	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-06B	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-06C	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-07A	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-07B	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)
L1734980-07C	Vial HCl preserved	A	NA		3.9	Y	Absent		8260-CHLR(14)

*Values in parentheses indicate holding time in days

Project Name:	ENERGIZER	**Lab Number:**	L1734980
Project Number:	0252540	**Report Date:**	10/09/17

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:	ENERGIZER	**Lab Number:**	L1734980
Project Number:	0252540	**Report Date:**	10/09/17

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.

Report Format: Data Usability Report

Project Name:	ENERGIZER	**Lab Number:**	L1734980
Project Number:	0252540	**Report Date:**	10/09/17

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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, SM4500Cl-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 1

ALPHA ANALYTICAL — World Class Chemistry

Westborough, MA TEL: 508-898-9220 FAX: 508-898-9193
Mansfield, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/29/17 | ALPHA Job #: L1734980

Project Information

Project Name: ENERGIZER
Project Location: BENNINGTON VT
Project #: 0252540
Project Manager: SCOTYY CARVALHO
ALPHA Quote #:

Client Information

Client: ERM
Address: 15 PARK ROW WEST
PROVIDENCE RI
Phone: 401-415-9600
Fax: -
Email: SCOTTY.CARVALHO@ERM.COM

☐ These samples have been Previously analyzed by Alpha

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

Report Information Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MCP PRESUMPTIVE CERTAINTY-CT REASONABLE CONFIDENCE PROTOCOLS

☐ Yes ☒ No Are MCP Analytical Methods Required?
☐ Yes ☒ No Are CT RCP (Reasonable Confidence Protocols) Required?

ANALYSIS

8260-8021C

SAMPLE HANDLING
Filtration
☐ Done
☐ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8260-8021C												Sample Specific Comments	TOTAL # BOTTLES
34980-01	TB-001-20170928-01	09/28/17	0:800	GW	AC	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	TRIP BLANK	3
02	DUP-001-20170928-01	09/28/17	11:11	GW	AC	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		3
03	ERM-16-20170928-01	09/28/17	10:10	GW	AC	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		3
04	ERM-13-20170928-01	09/28/17	10:45	GW	AC	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		3
05	ERM-12-20170928-01	09/28/17	11:10	GW	AC	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		3
06	ERM-11s-20170928-01	09/28/17	11:30	GW	AC	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		3
07	ERM-8-20170928-01	09/28/17	12:00	GW	AC	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		3
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		

Container Type	V	-	-	-	-	-	-	-	-	-	-	-
Preservative	-	-	-	-	-	-	-	-	-	-	-	-

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

FORM NO: 01-01(I) (rev. 5-JAN-12)

Relinquished By:	Date/Time	Received By:	Date/Time
AAL	9/29/17 11:41	AAL	9/29/17 1141
	9/29/17 1900		9/29/17 1900

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.