

30 April 2008

Mr. Michael B. Smith
Vermont Department of Environmental Conservation
Waste Management Division
103 South Main Street / West Office
Waterbury, Vermont 05671-0404



RE: Vapor Intrusion Investigation Report – Addendum to Site
Investigation Report
Energizer Facility
401 Gage Street
Bennington, Vermont
DEC Site Number 2006-3509

Dear Mr. Smith:

On behalf of Energizer Battery Manufacturing, Inc. (Energizer), Environmental Resources Management (ERM) has prepared this Vapor Intrusion Investigation Report as an addendum to the Site Investigation Report, dated 14 June 2007, for the Energizer Facility (“Site”) located at 401 Gage Street in Bennington, Vermont (Figure 1). The purpose of this investigation was to evaluate the potential for vapor intrusion on six residential properties located immediately north of the Energizer Facility. The potential for vapor intrusion resulted from chlorinated solvent impacts to groundwater and soil gas at the Site. The Vermont Department of Environmental Conservation (VT DEC) Sites Management Section has assigned the Site Number 2006-3509.

BACKGROUND

In February 2006, ERM conducted a limited soil and shallow groundwater investigation to determine if chlorinated solvents were present in the subsurface in the vicinity of an active vapor degreaser located in the northeast corner of the Energizer Facility. The results of this initial investigation indicated that both tetrachloroethene (PCE) and trichloroethene (TCE) were present in soil and groundwater in the vicinity of the active degreaser (ERM, 2006). The VT DEC was verbally notified of this situation on 6 March 2006. Subsequently, written notification was provided to the VT DEC on 16 March 2006.

During 2006 and early 2007, ERM conducted a dynamic Triad Site investigation in accordance with the VT DEC Site Investigation Procedure (VT DEC, 2005). In June 2007, ERM submitted a Site Investigation Report (SIR)/Corrective Action Feasibility Investigation (CAFI) to the VT DEC (ERM, 2007b). The SIR documented the methods, results, and conclusions of the Site investigation. The CAFI presented a formal evaluation of potential remedial alternatives. Based on the results of the CAFI, ERM recommended implementation of the following remedies:

- A containment remedy consisting of focused shallow soil excavation and air sparge/soil vapor extraction (AS/SVE) along the northern Site boundary; and
- A source abatement remedy consisting of a combination of AS/SVE, steam-enhanced SVE, and possibly in-situ chemical oxidation (ISCO).

The containment remedy design is documented in the CAFI as an Interim Remedial Measure (IRM). Operation of the IRM, AS/SVE system, was initiated in September 2007 and the system is currently operating as designed.

In July 2007, ERM submitted a Corrective Action Plan (CAP) to the VT DEC (ERM, 2007c) documenting the design of the integrated steam, AS, and SVE source area remediation system. The AS and SVE components of this system began operation in January 2008 and the steam component was initiated in April 2008.

PURPOSE & SCOPE

The purpose of this report is to present soil gas, indoor air, and outdoor ambient air sampling results for the six residential properties located immediately north of the Energizer Facility.

SCREENING CRITERIA

VT DEC has not published numerical screening criteria for use in evaluating potential risk from exposure to contaminants in indoor air. Therefore, ERM established screening criteria for both indoor air and soil gas using the Vermont indoor air background dataset that was generated

by the Vermont Department of Health (VT DOH, 1993). These screening criteria (see below) were presented in the Work Plan for Off-site Investigation Activities, dated 18 January 2007 and were approved by the VT DEC.

Soil Gas and Indoor Air Screening Criteria

Environmental Medium	PCE (ug/m ³)	TCE (ug/m ³)
Indoor Air	0.57	0.50
Soil Gas	57	50

Note:

ug / m³ = micrograms per cubic meter

The above indoor air screening criteria are within the range of the rural Vermont indoor air dataset (i.e., 0.29 to 19.7 ug / m³ for PCE and 0.26 to 30.32 ug / m³ for TCE; VT DOH, 1993).

RESIDENTIAL PROPERTY SOIL GAS SAMPLING

In February and March 2007, ERM conducted active soil gas sampling on six residential properties located to the north of the facility (Figure 2) using methods presented in the Indoor Air Field Sampling Plan (ERM, 2007a). PCE was detected in soil gas samples collected adjacent to four of the six residential structures at concentrations exceeding the VT DEC-approved soil gas screening criterion. TCE was not detected in any of the soil gas samples at concentrations exceeding the VT DEC-approved soil gas screening criterion.

In response to these results, ERM developed an Indoor Air Sampling Plan (ERM, 2007a) to evaluate the potential for vapor intrusion into the four residential structures on those properties where PCE concentrations exceeded the soil gas screening criterion. Subsequent soil gas, indoor air, and ambient outdoor air sampling activities were conducted using the methodology presented in this Indoor Air Sampling Plan. Soil gas, indoor air, and outdoor ambient air samples collected as part of the vapor intrusion investigation were analyzed using United States Environmental Protection Agency (USEPA) Method TO-15 by Alpha

Analytical Laboratory in Mansfield, Massachusetts. For indoor and ambient outdoor air samples, USEPA Method TO-15 selective ion monitoring (SIM) analysis was conducted in order to achieve lower method detection limits. Laboratory analytical reports are included in Appendix A.

RESIDENTIAL BASEMENT SAMPLING

In March 2007, ERM collected indoor air sampled from the basements of the four residential properties. Sub-slab soil gas samples were collected from the two basements that have concrete floors, but were not collected from the two basements with dirt floors. One outdoor ambient air sample was also collected. Sample locations are shown on Figures 3 through 7.

Sub-slab soil gas results indicated the presence of PCE at a concentration above the VT DEC-approved soil gas screening criterion under one residential structure (Table 1). PCE and TCE were detected in indoor air basement samples at concentrations above the VT DEC-approved indoor air screening criteria in all four structures (Table 2). TCE was also detected in outdoor ambient air. Therefore, a subsequent round of sampling was proposed to evaluate the potential for vapors to impact the first floor living space indoor air in the four residential structures.

RESIDENTIAL INDOOR AIR SAMPLING

In April 2007, ERM conducted indoor air sampling in the basement and first floor of the four residential structures. One indoor air sample was collected from each basement and from each discrete first floor living space (i.e., one sample from each single family residence and one sample from each first-floor apartment). In addition, outdoor ambient air samples were collected from four locations in proximity to the residential properties. Sample locations are presented in Figures 3 through 7.

PCE and TCE were detected at concentrations above the VT DEC-approved indoor air screening criteria in all indoor air basement samples. PCE was detected in four of the seven first floor indoor air samples at concentrations above the VT DEC-approved indoor air screening criterion. TCE was detected at concentrations above the VT DEC-approved indoor air screening criterion in all first floor living space

samples. TCE was also detected in three of the four outdoor ambient air sample locations.

The indoor air sample results were within the range of the rural Vermont indoor air background data set (VT DOH, 1993).

INTERIM REMEDIAL MEASURE (IRM)

In September 2007, ERM initiated operation of the perimeter IRM AS/SVE system to minimize the potential for additional off-Site migration of contaminants in groundwater and soil gas. Since system start-up, PCE and TCE concentrations in soil gas monitoring points ASG-32 and ASG-33 (Table 1) on the residential properties located immediately north of the Energizer Facility have decreased by more than 98 percent.

POST IRM START-UP RESIDENTIAL INDOOR AIR SAMPLING

January 2008

In January 2008, ERM conducted the second round of indoor air sampling at the four residential properties. One indoor air sample was collected from each basement and from each discrete first floor living space. Additionally, outdoor ambient air samples were collected from two locations. Sample locations are presented in Figures 3 through 7.

As part of this sampling round, indoor air samples were collected from the 403 Gage Street residential structure, but were not analyzed due to a furnace exhaust backup that introduced fuel oil vapors into indoor air. A second sampling event was conducted at this residence later in January 2008. During the second sampling event, one indoor air sample was collected from the basement and the first floor and one outdoor ambient air sample was collected.

PCE concentrations exceeded the VT DEC-approved screening criterion in three of the four basement samples and in all of the first floor samples. TCE concentrations exceeded the VT DEC-approved screening criterion in all four basement samples and in six of the seven first floor samples. PCE and TCE were detected in all three outdoor ambient air samples.

One indoor air sample (DUP-01) was rejected due to data quality issues (i.e., loss of canister pressure during shipment to the laboratory).

February and March 2008

In February 2008, ERM collected indoor air samples from the four residential basements, seven exterior soil gas points (five near foundation and two backyard locations), and two exterior ambient air samples. One outdoor ambient air sample (OAA-06) and one soil gas sample (ASG-20) collected in February were rejected due to data quality issues (i.e., loss of canister pressure during shipment to the laboratory and crack in sample tubing that was identified at the completion of sample collection, respectively). Sample location ASG-20 was re-sampled in March, along with ASG-28. Sample locations are presented in Figures 3 through 7.

PCE concentrations exceeded the VT DEC-approved indoor air screening criterion in three of the four basement samples, but were generally lower than previous sampling results (Table 2). TCE concentrations were lower than the VT DEC-approved indoor air screening criterion in all four basement samples (Table 2).

PCE concentrations exceeded the VT DEC-approved soil gas screening criterion in four of the five near foundation soil gas samples, but were generally lower than or similar to previous sampling results (Table 1). TCE concentrations in all five near foundation soil gas samples remained below the VTDEC-approved soil gas screening criterion.

Soil gas results for both PCE and TCE from the two backyard soil gas sampling locations were lower than those detected in July 2007 (>98 percent reduction). PCE and TCE concentrations in both samples were below the VTDEC-approved soil gas screening criteria (Table 1). ERM attributes the decreases in soil gas concentrations to the efficacy of the IRM perimeter AS/SVE system.

The indoor air sample results have consistently fallen within the range of the rural Vermont indoor air background data set (VT DOH, 1993).

REFERENCES

ERM, 2006. Initial Shallow Groundwater Investigation Report. Environmental Resources Management. 13 March 2006.

ERM, 2007a. Indoor Air Field Sampling Plan: Energizer Facility Bennington, Vermont. Environmental Resources Management. March 2007.

ERM, 2007b. Site Investigation Report/ Corrective Action Feasibility Investigation. Environmental Resources Management. 14 June 2007.

ERM, 2007c. Corrective Action Plan. Environmental Resources Management. 30 July 2007.

VT DOH, 1993. Vermont Indoor Ambient Air Survey. June 1993.

VT DEC, 2005. Site Investigation Procedure. State of Vermont, Agency of Natural Resources, Waste Management Division, Sites Management Section. June 2005.

Please contact Mr. Jeff Gipson of Energizer at (440) 835-7857 if you have any questions, concerns or require additional information.

Sincerely,



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



Catherine Regan
Project Manager

Enclosures:

Table 1 – Summary of Soil Gas Analytical Data

Table 2 – Summary of Indoor Air and Outdoor Ambient Air Analytical Data

Figure 1 – Site Locus Map

Figure 2 – Soil Gas Sample Locations

Figure 3 – Outdoor Ambient Air Sample Locations

Figure 4 – Indoor Air Sampling 403 Gage Street

Figure 5 – Indoor Air Sampling 405 Gage Street

Figure 6 – Indoor Air Sampling 407 Gage Street

Figure 7 – Indoor Air Sampling 409 Gage Street

Appendix A – Analytical Laboratory Reports

Tables

TABLE 1
SUMMARY OF SOIL GAS ANALYTICAL DATA
ENERGIZER - BENNINGTON, VERMONT

403 Gage Street

Location	Screening Criteria	West (near foundation)		South (near foundation)		Sub-slab	
Sample ID		ASG-16	ASG-16	ASG-17	ASG-17	SS-01	DUP-01
Compound Date		2/14/2007	2/18/2008	2/16/2007	2/18/2008	3/21/2007	3/21/2007
Tetrachloroethene	57	5.16	32.5	361	62.8	126	105
Trichloroethene	50	ND (<2.68)	ND (<1.07)	5.63	ND (<1.07)	2.68	2.36

405 Gage Street

Location	Screening Criteria	South (near foundation)		South (backyard)				
Sample ID		ASG-18	ASG-18	ASG-33	ASG-33	ASG-33	ASG-33	ASG-33
Compound Date		2/14/2007	2/18/2008	7/26/2007	10/17/2007	11/14/2007	12/18/2007	2/18/2008
Tetrachloroethene	57	2,200	1,040	5,530	602	73.4	78.3	6.80
Trichloroethene	50	ND (<26.8)	1.98	109	65.9	2.69	1.09	ND (<1.07)

407 Gage Street

Location	Screening Criteria	South (near foundation)		
Sample ID		ASG-28	ASG-28	ASG-28
Compound Date		3/2/2007	2/18/2008	3/11/2008
Tetrachloroethene	57	72.9	430	57.9
Trichloroethene	50	32.6	ND (<1.07)	3.20

409 Gage Street

Location	Screening Criteria	South (near foundation)			South (backyard)					Sub-Slab	Sub-Poly
Sample ID		ASG-20	ASG-20	ASG-20	ASG-32	ASG-32	ASG-32	ASG-32	ASG-32	SS-02	SS-03
Compound Date		2/14/2007	2/18/2008	3/11/2008	7/26/2007	10/17/2007	11/14/2007	12/18/2007	2/18/2008	3/21/2007	3/21/2007
Tetrachloroethene	57	291	Rejected*	ND(<1.36)	332	41.2	24.2	12.3	6.14	18	5.28
Trichloroethene	50	ND (<2.68)	Rejected*	1.75	162	70.8	1.84	0.256	ND (<1.07)	1.4	6.23

Location	Screening Criteria	120 Division St.	411 Gage St.
Sample ID		ASG-21	ASG-22
Compound Date		2/14/2007	2/14/2007
Tetrachloroethene	57	ND (<3.39)	ND (<3.39)
Trichloroethene	50	ND (<2.68)	ND (<2.68)

Notes:

The compounds cis-1,2-dichloroethene, trans-1,2-dichloroethene and vinyl chloride were analyzed and were not detected at concentrations above method detection limits.

Bold values represent concentrations above the screening criteria

ND - Not Detected

Units in micrograms per cubic meter (ug/m³)

* ASG-20 sample results rejected due to a crack in sample tubing that was identified at the completion of sample collection.

TABLE 2
SUMMARY OF INDOOR AIR AND OUTDOOR AMBIENT AIR ANALYTICAL DATA
ENERGIZER - BENNINGTON, VERMONT

403 Gage Street

Location	Screening Criteria	Crawl Space	Basement					1st Floor	
Sample ID		BIA-02- 20070321-01	BIA-01- 20070321-01	BIA-03- 20070423-01	BIA-13- 20080128-01	DUP-03- 20080128-01	BIA-13- 20080218-01	FIA-04- 20070423-01	FIA-04- 20080128-01
Compound	Date	21-Mar-07	21-Mar-07	23-Apr-07	28-Jan-08	28-Jan-08	18-Feb-08	23-Apr-07	28-Jan-08
Tetrachloroethene	0.57	0.813	0.813	3.73	0.424	0.397	0.318	0.459	0.697
Trichloroethene	0.5	3.44	2.58	1.46	0.700	0.194	0.350	1.60	0.201

405 Gage Street

Location	Screening Criteria	Crawl Space	Basement					1st Floor	
Sample ID		BIA-06- 20070321-01	BIA-05-2007- 0321-01	DUP-02- 20070321-01	BIA-01- 20070423-01	BIA-12- 20080107-01	BIA-12- 20080218-01	FIA-01- 20070423-01	FIA-01- 20080107-01
Compound	Date	21-Mar-07	21-Mar-07	21-Mar-07	23-Apr-07	7-Jan-08	18-Feb-08	23-Apr-07	7-Jan-08
Tetrachloroethene	0.57	0.949	2.58	2.03	5.98	4.04	1.18	1.04	2.48
Trichloroethene	0.5	3.11	4.62 J	3.33 J	2.28	1.44	0.397	3.83	2.18

407 Gage Street

Location	Screening Criteria	Crawl Space	Basement				1st Floor - Front Apt.			1st Floor - Rear Apt.		
Sample ID		BIA-08- 20070321-01	BIA-07- 20070321-01	BIA-04- 20070423-01	BIA-10- 20080107-01	BIA-10- 20080218-01	FIA-06- 20070423-01	DUP-02- 20070423-01	FIA-06- 20080107-01	FIA-07- 20070423-01	FIA-07- 20080107-01	DUP-01- 20080107-01
Compound	Date	21-Mar-07	21-Mar-07	23-Apr-07	7-Jan-08	18-Feb-08	23-Apr-07	23-Apr-07	7-Jan-08	23-Apr-07	7-Jan-08	7-Jan-08
Tetrachloroethene	0.57	4.88	2.71	3.51	5.67	1.95	1.12	1.01	3.80	2.16	2.29	Rejected*
Trichloroethene	0.5	8.70	5.58	2.02	2.20	0.481	2.40	2.20	2.39	4.72	2.18	Rejected*

409 Gage Street

Location	Screening Criteria	Crawl Space	Basement					1st Floor - SE Apt.		1st Floor - Front Apt.		1st Floor - West Apt.	
Sample ID		BIA-04- 20070321-01	BIA-03- 20070321-01	BIA-02- 20070423-01	BIA-11- 20080107-01	BIA-11- 20080218-01	DUP-01- 20080218-01	FIA-02- 20070423-01	FIA-02- 20080107-01	FIA-03- 20070423-01	FIA-03- 20080107-01	FIA-05- 20070423-01	FIA-05- 20080107-01
Compound	Date	21-Mar-07	21-Mar-07	23-Apr-07	7-Jan-08	18-Feb-08	18-Feb-08	23-Apr-07	7-Jan-08	23-Apr-07	7-Jan-08	23-Apr-07	7-Jan-08
Tetrachloroethene	0.57	4.88	2.44	2.66	9.31	2.88	2.98	0.478	0.956	0.961	2.52	0.426	7.75
Trichloroethene	0.5	8.05	3.65	1.11	1.68	0.492	0.476	1.50	0.807	1.17	1.15	1.13	1.46

Outdoor Ambient Air

Location	Screening Criteria	NE Corner of 409 Gage Street		NW corner of 403 Gage Street		SE Corner of 409 Gage Street	SW Corner of 403 Gage Street		Between Garages at 405 - 407 Gage Street		NE corner of 407 Gage Street property	
Sample ID		OAA-01- 20070321-01	OAA-02- 20070423-01	OAA-01- 20070423-01	OAA-07- 20080128-01	OAA-03- 20070423-01	OAA-04- 20070423-01	DUP-01- 20070423-01	OAA-05- 20080107-01	OAA-05- 20080218-01	OAA-06- 20080107-01	OAA-06- 20080218-01
Compound	Date	21-Mar-07	23-Apr-07	23-Apr-07	28-Jan-08	23-Apr-07	23-Apr-07	23-Apr-07	7-Jan-08	18-Feb-08	7-Jan-08	18-Feb-08
Tetrachloroethene	0.57	ND (<0.271)	ND(<0.136)	ND(<0.136)	0.160	ND(<0.136)	ND(<0.136)	ND(<0.136)	0.491	ND(<0.136)	0.304	Rejected*
Trichloroethene	0.5	5.26	1.00	ND(<0.107)	0.141	2.56	0.155	0.174	2.84	0.208	2.14	Rejected*

Notes:

The compounds cis-1,2-dichloroethene, trans-1,2-dichloroethene and vinyl chloride were analyzed and were not detected at concentrations above method detection limits.

Bold values represent concentrations above the screening criteria

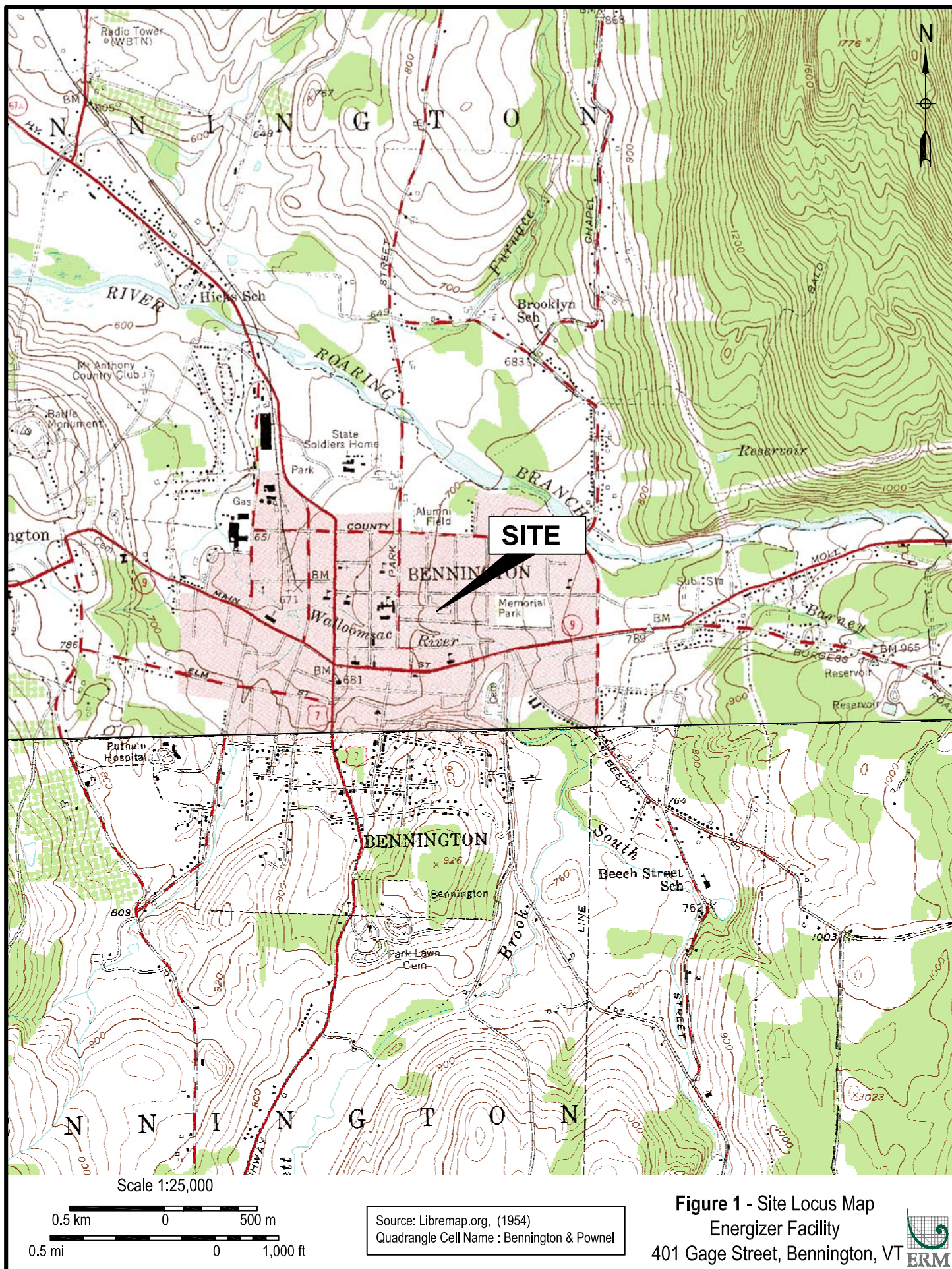
ND = Not Detected

J = Estimated Value

Units in micrograms per cubic meter (ug / m³)

* Sample results for DUP-01 and OAA-06 were rejected, due to loss of canister pressure during shipment to the laboratory.

Figures





LEGEND:

ASG-33 (2/18/08) ● Active Soil Gas Sample Location (Sample Date)

403 House Number

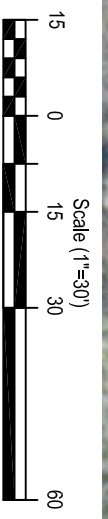


Figure 2 - Soil Gas Sample Locations
Energizer, Bennington, VT





LEGEND:
○ OAA-01 (2/18/08)
○ Outdoor Ambient Air Sample Location (Sample Date)
House Number 403

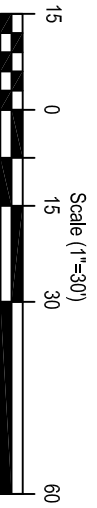
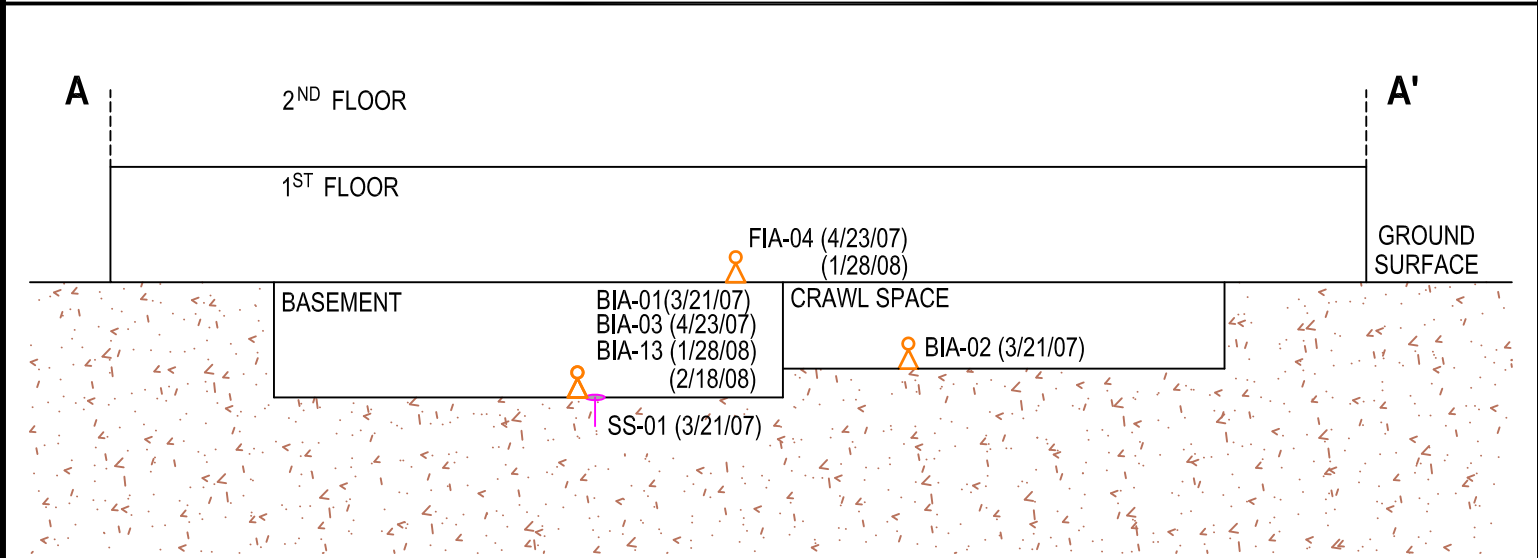
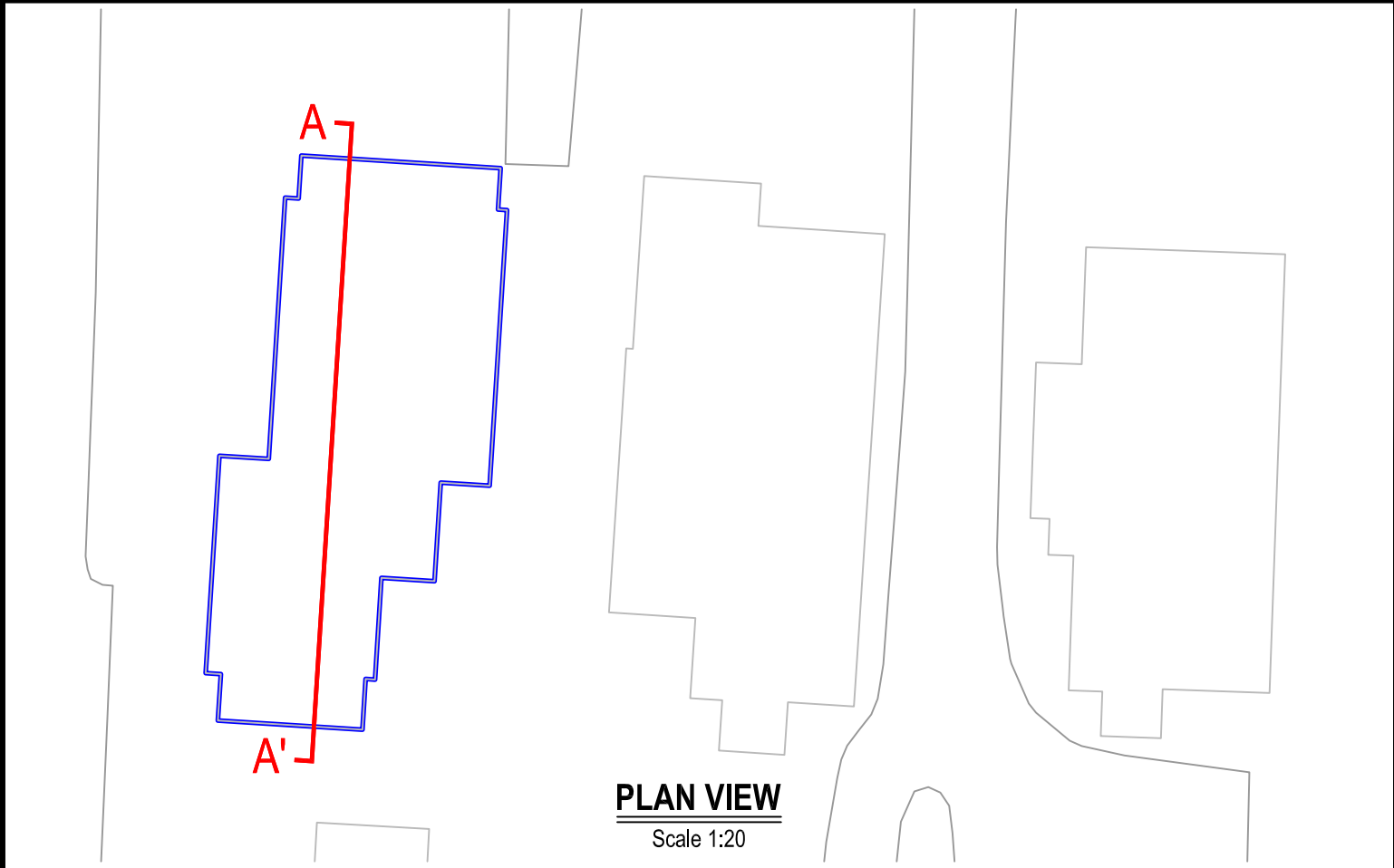


Figure 3 - Outdoor Ambient Air Sample Locations
Energiizer, Bennington, VT





- LEGEND:**
- BIA-03  Basement Indoor Air Sample
 - FIA-03  First Floor Indoor Air Sample
 - SS-01  Sub-Slab Soil Gas Sample
 -  Soil

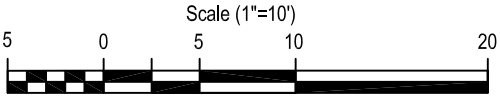
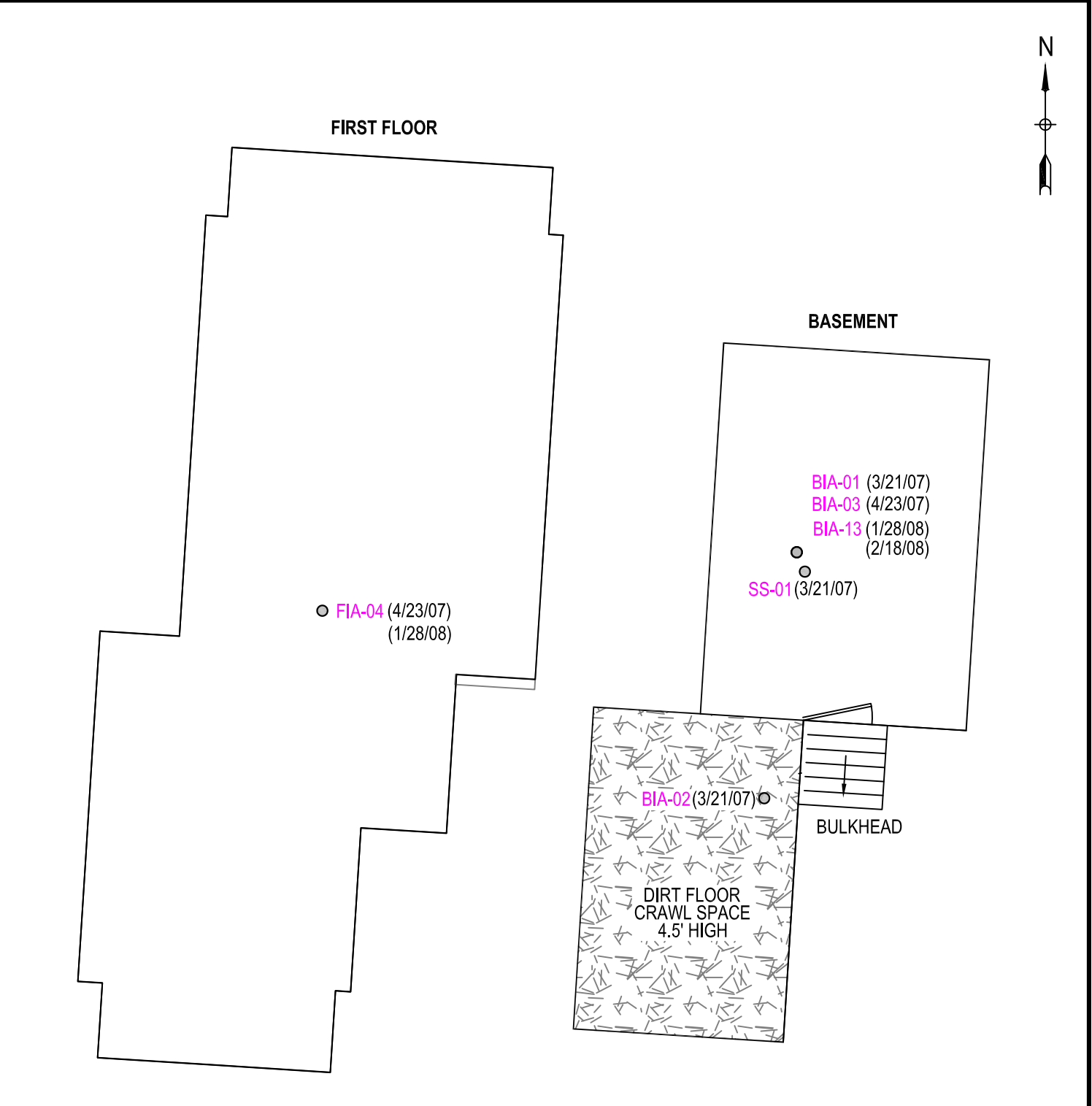
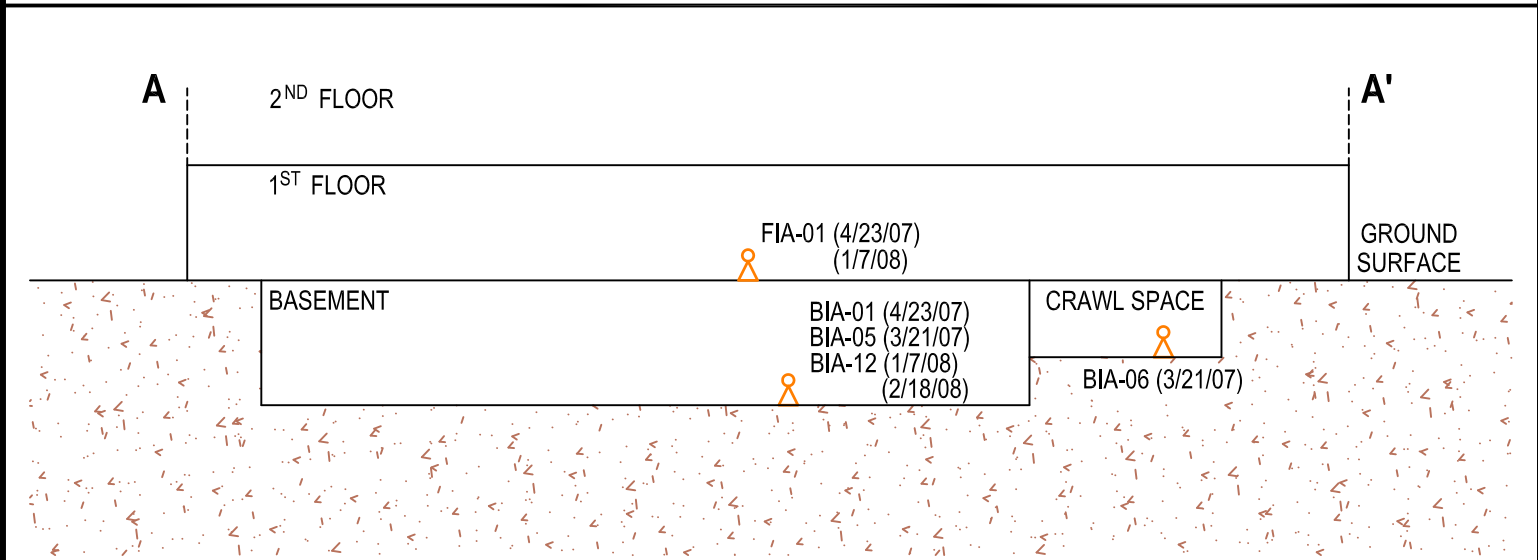
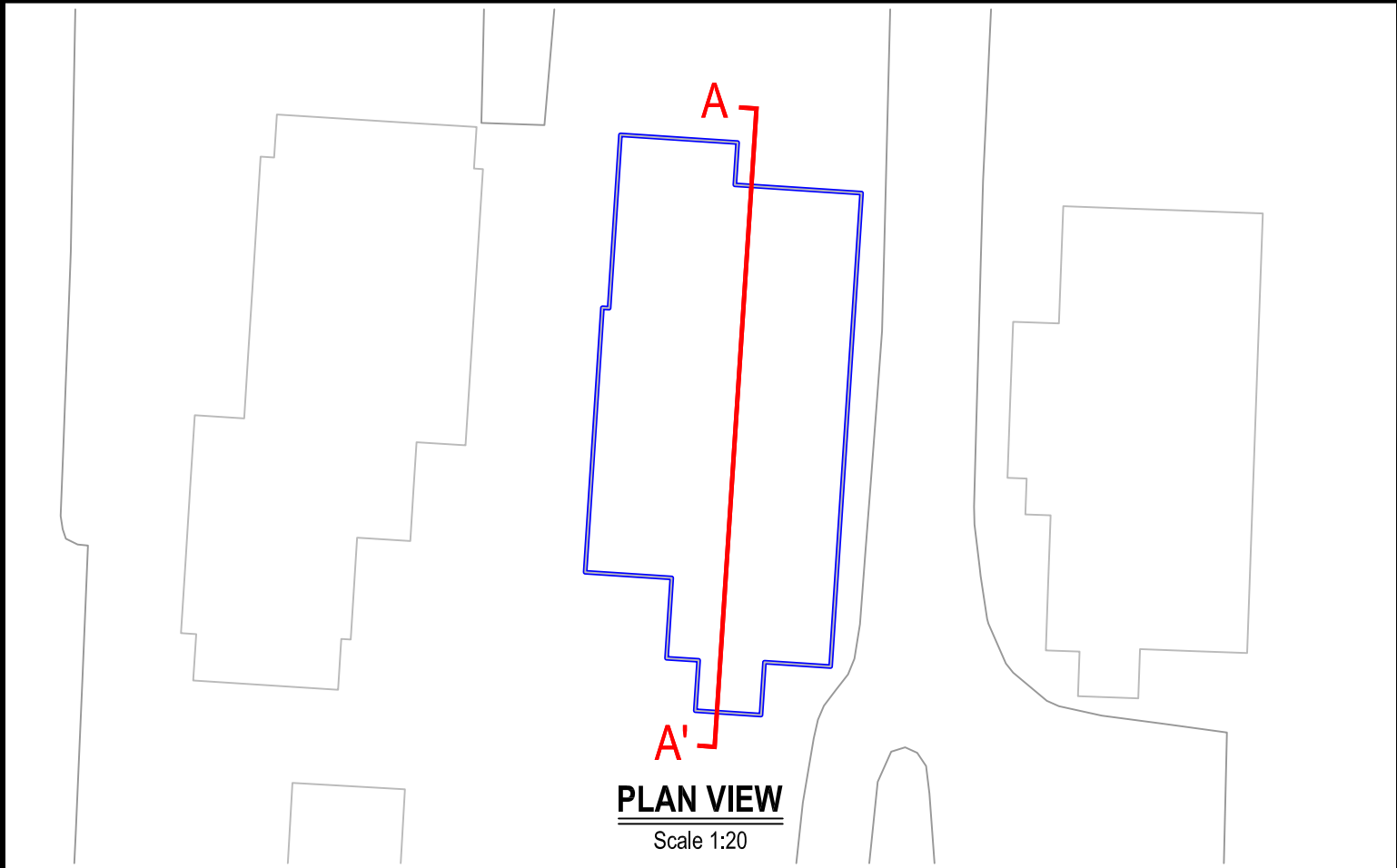
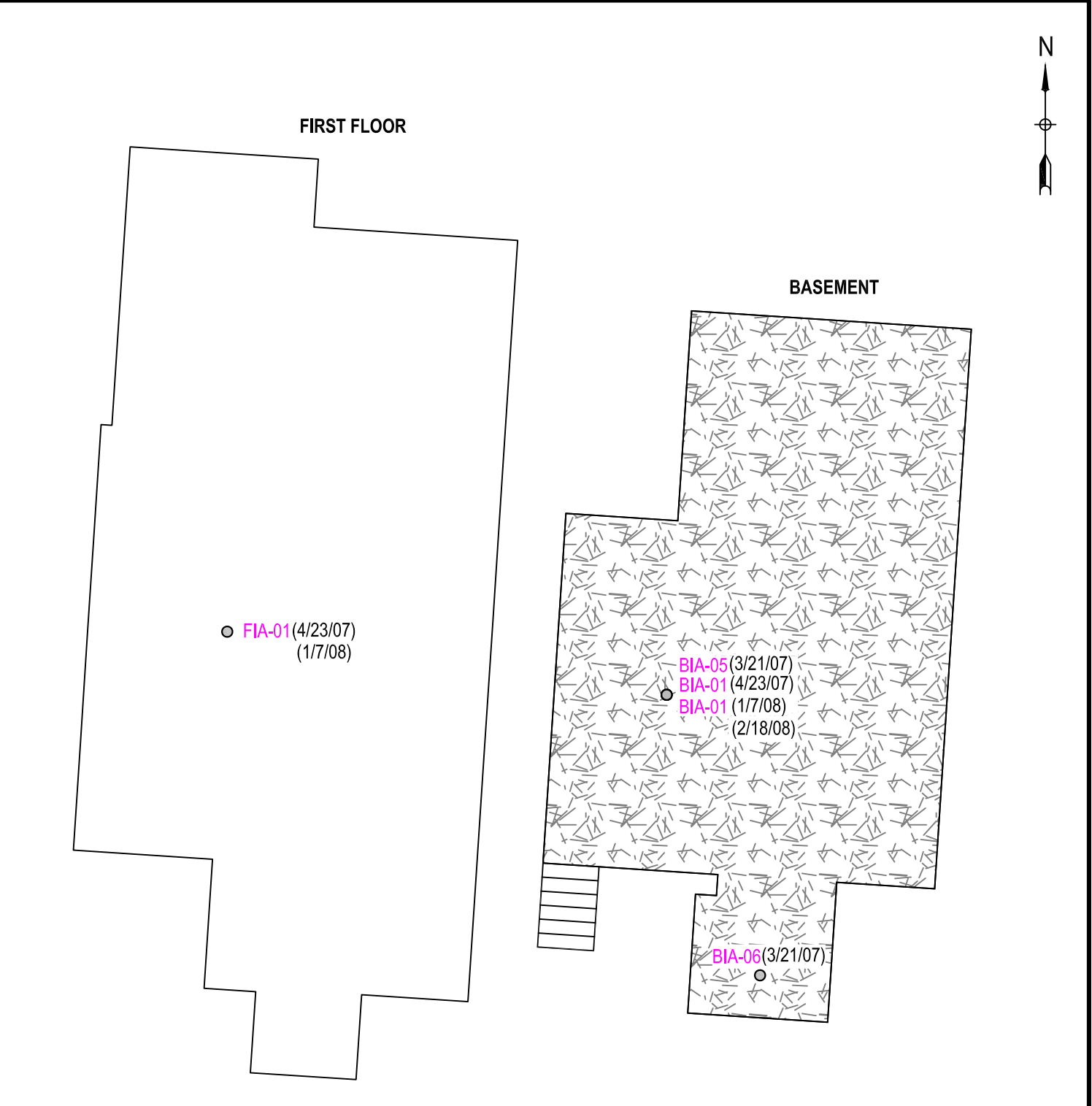


Figure 4 - Indoor Air Sampling
403 Gage Street
Energizer Bennington, VT



- LEGEND:**
- BIA-03  Basement Indoor Air Sample
 - FIA-03  First Floor Indoor Air Sample
 - SS-01  Sub-Slab Soil Gas Sample
 -  Soil



- LEGEND:**
- BIA-01  Basement Indoor Air Sample
 - FIA-01  First Floor Indoor Air Sample
 -  Dirt Floor

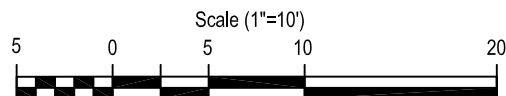
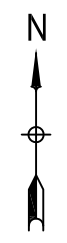
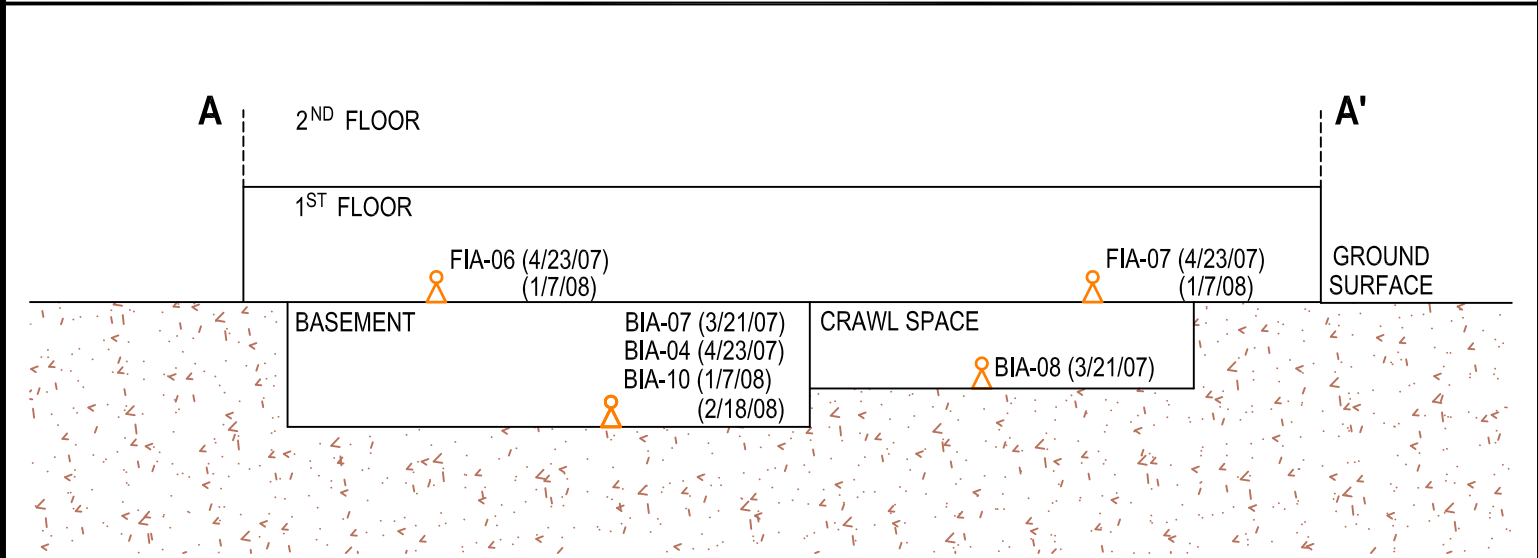
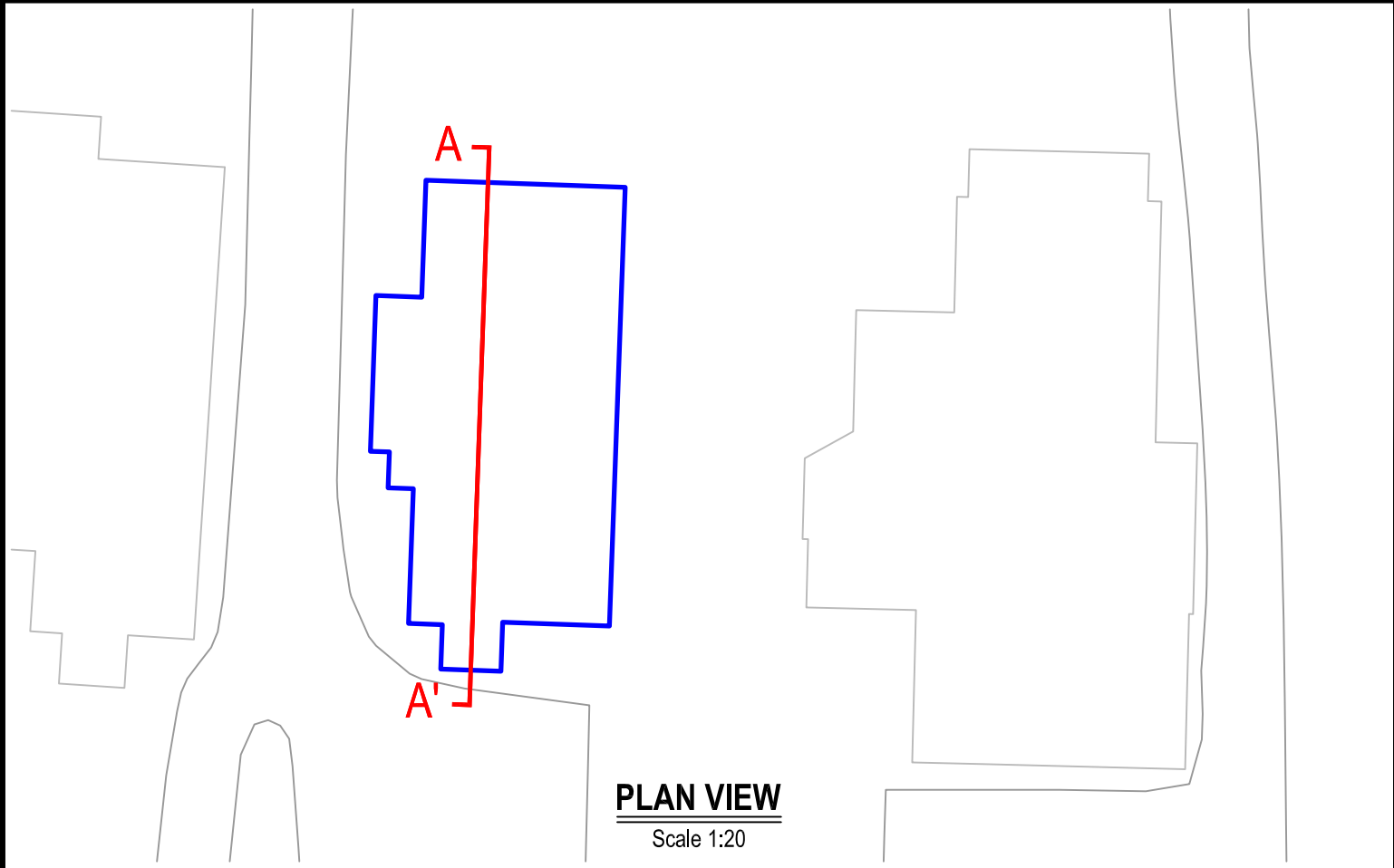
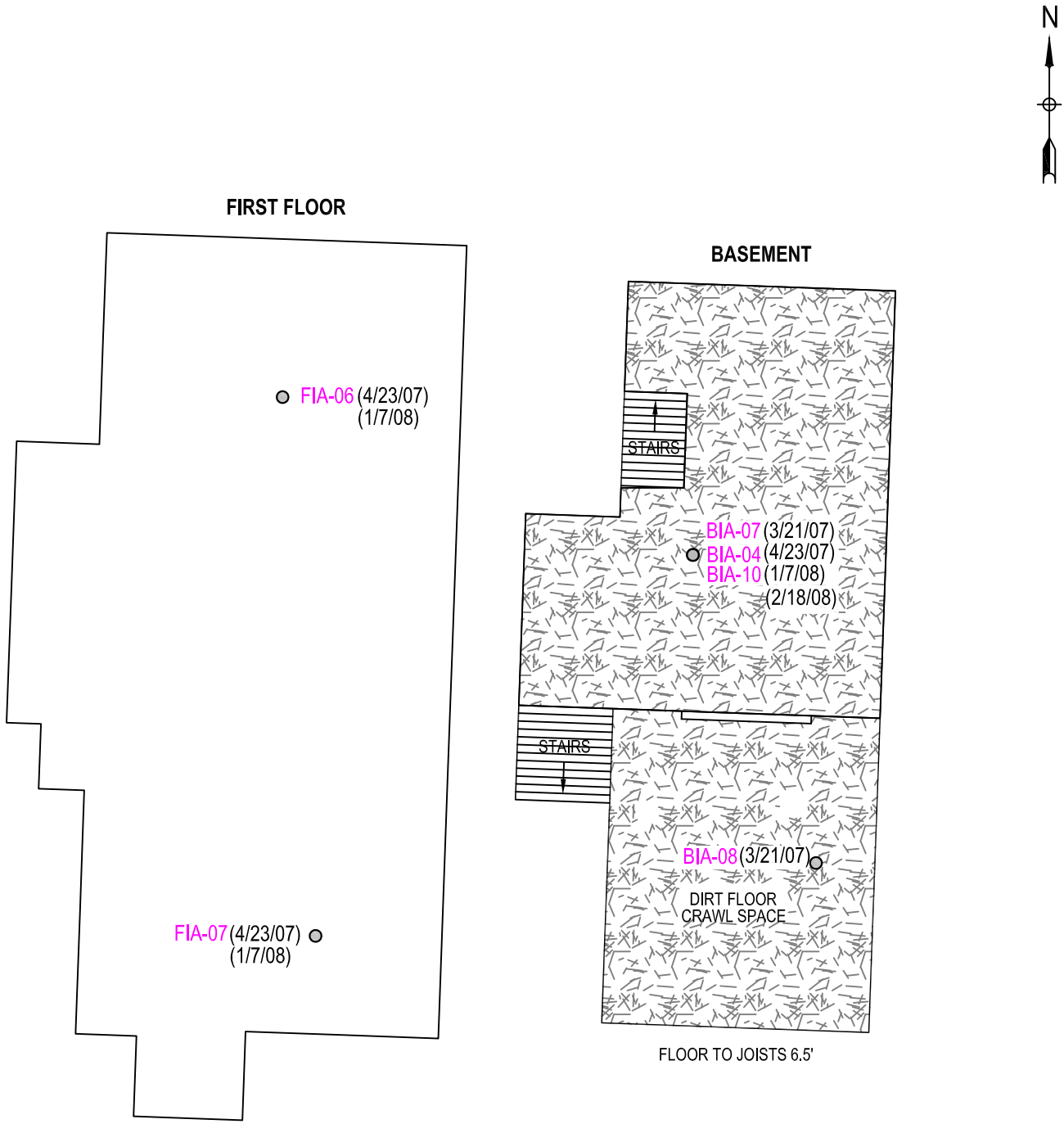


Figure 5 - Indoor Air Sampling
405 Gage Street
Energizer Bennington, VT





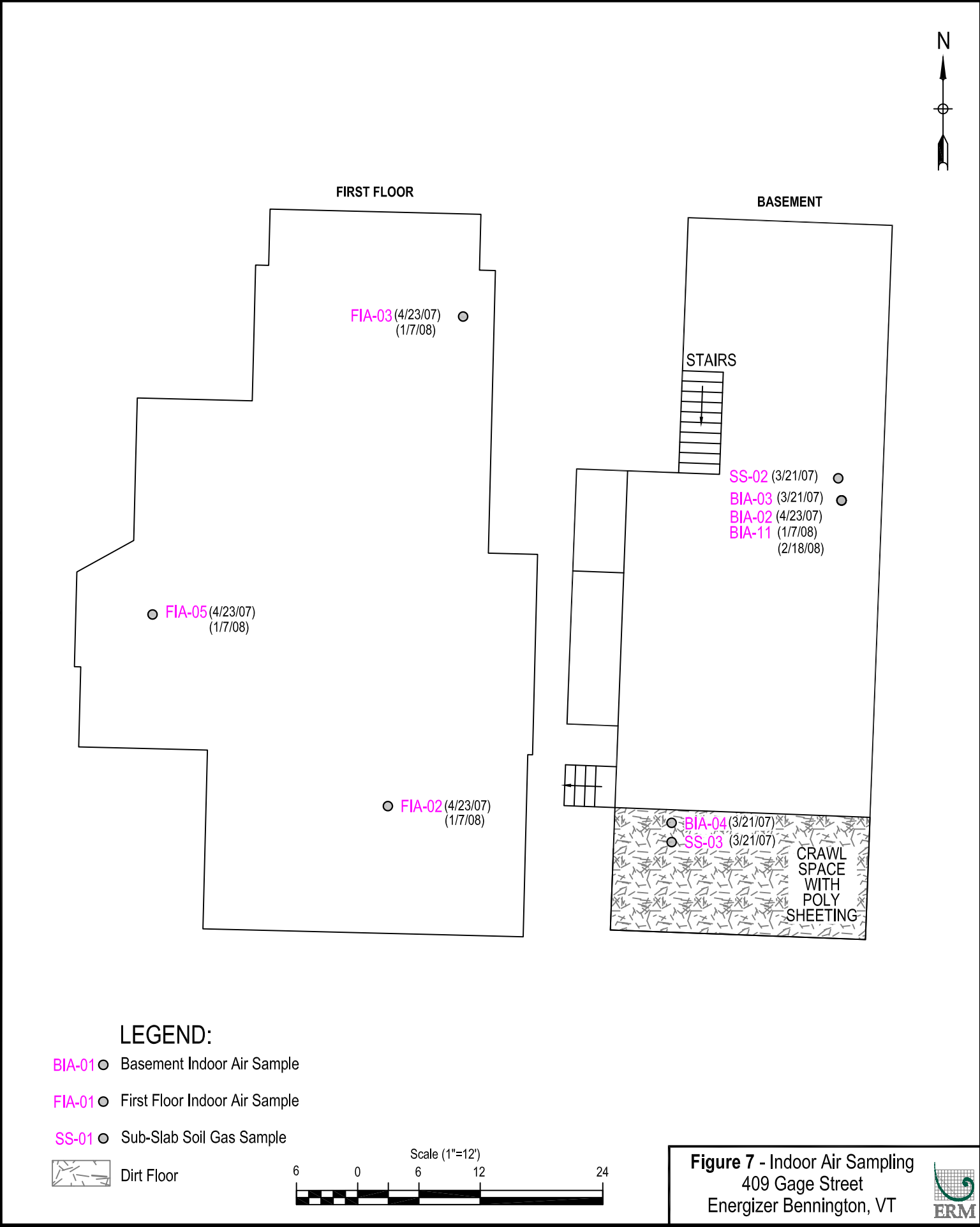
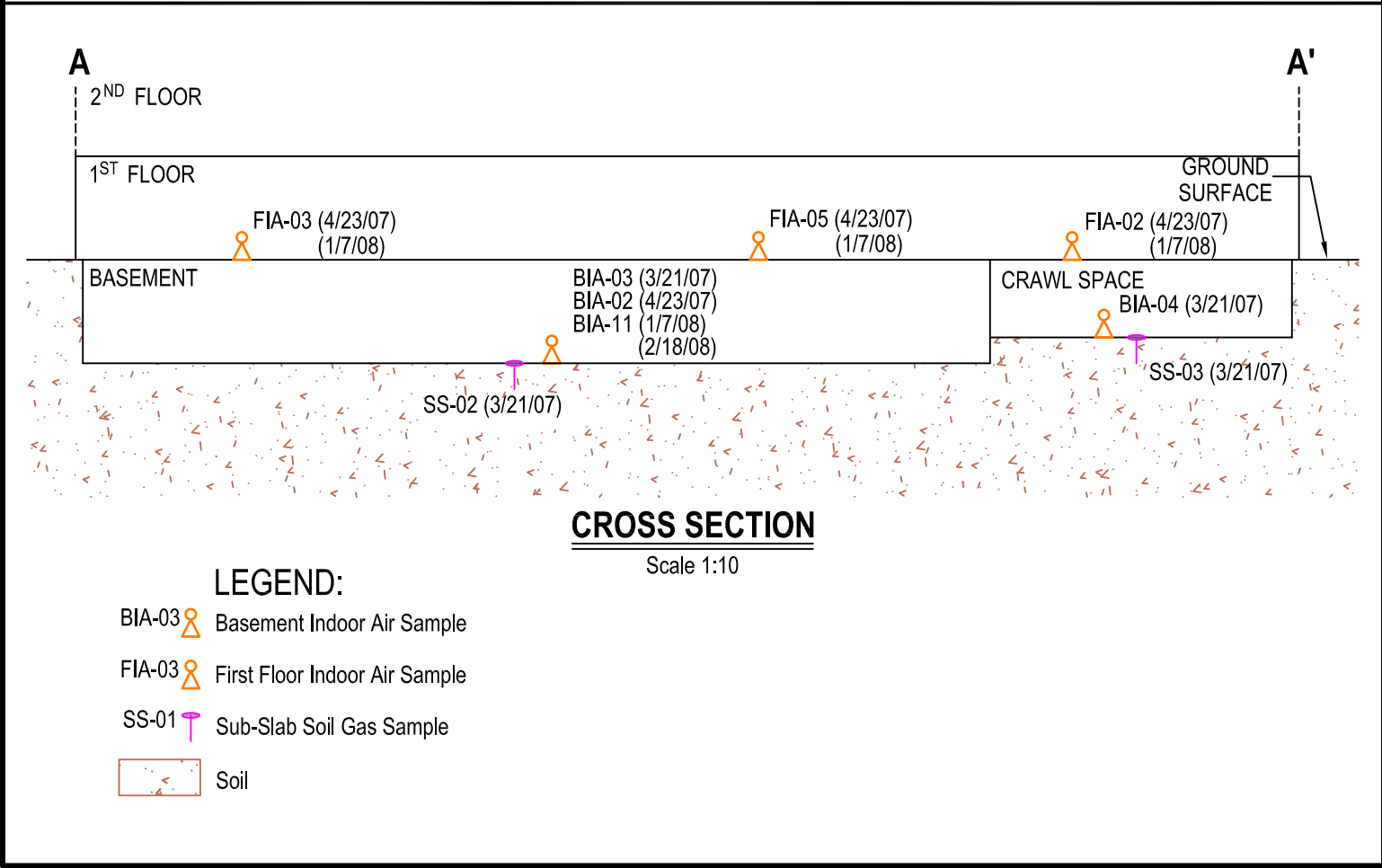
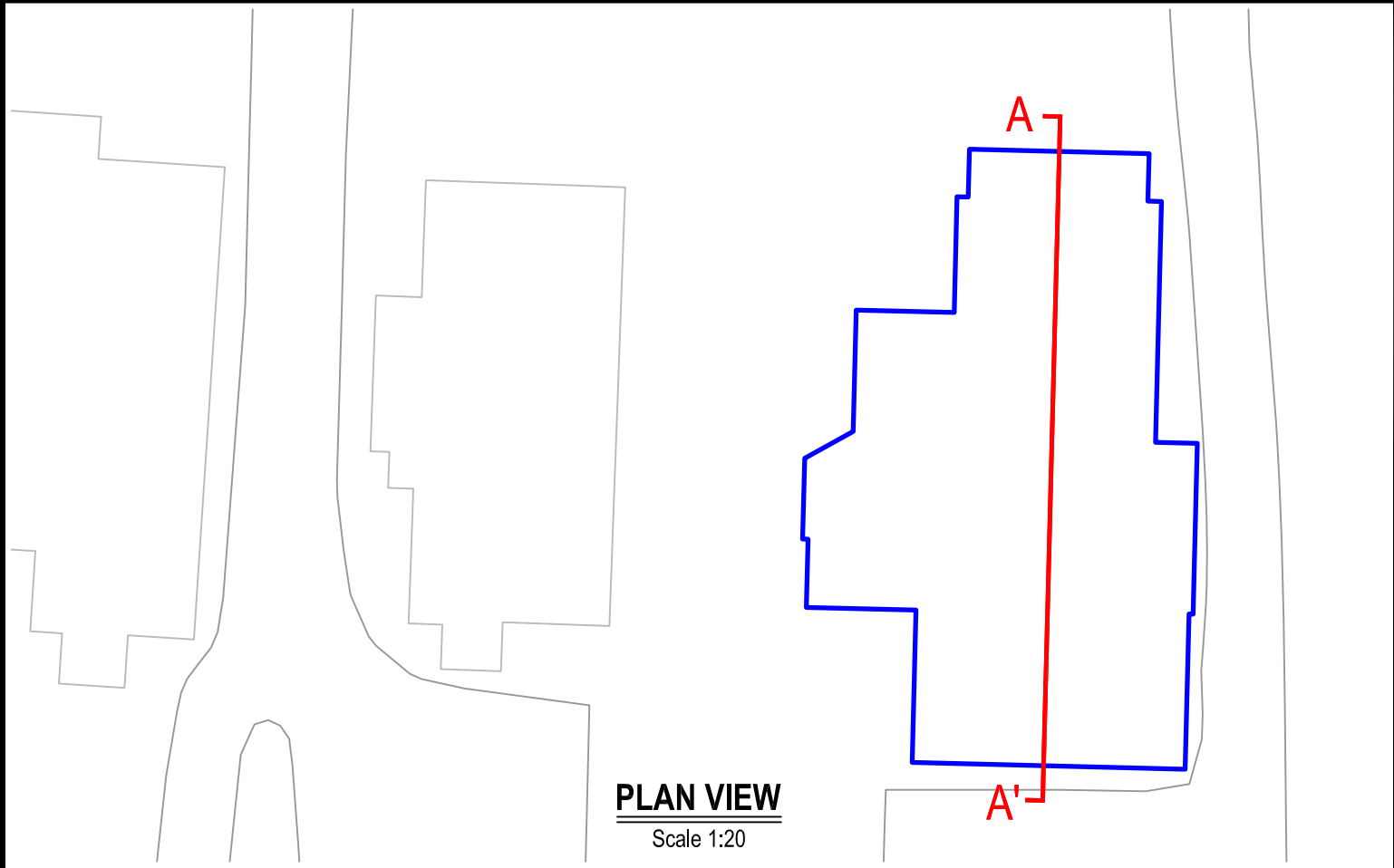
- LEGEND:**
- BIA-03  Basement Indoor Air Sample
 - FIA-03  First Floor Indoor Air Sample
 - SS-01  Sub-Slab Soil Gas Sample
 -  Soil



- LEGEND:**
- BIA-01  Basement Indoor Air Sample
 - FIA-01  First Floor Indoor Air Sample
 -  Dirt Floor
- Scale (1"=10')
- 5 0 5 10 20

Figure 6 - Indoor Air Sampling
407 Gage Street
Energizer Bennington, VT





Appendix A
Analytical Laboratory Reports



ANALYTICAL REPORT

Lab Number: L0702353

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Mike Ravella

Project Name: ENERGIZER

Project Number: 0056013

Report Date: 02/21/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

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: 0056013

Lab Number: L0702353
Report Date: 02/21/07

Alpha Sample ID	Client ID	Sample Location
L0702353-01	ASG-16	BENNINGTON, VT
L0702353-02	ASG-18	BENNINGTON, VT
L0702353-03	ASG-20	BENNINGTON, VT
L0702353-04	ASG-21	BENNINGTON, VT
L0702353-05	ASG-22	BENNINGTON, VT
L0702353-06	ASG-19	BENNINGTON, VT
L0702353-07	ASG-DUP-1	BENNINGTON, VT
L0702353-08	UNUSED CAN #1	BENNINGTON, VT
L0702353-09	UNUSED CAN #2	BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 0056013

Lab Number: L0702353
Report Date: 02/21/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

TO15

L0702353-01, and -03 thru -07 were re-analyzed due to over dilution on the original analytical run.

L0702353-02 has elevated detection limits due to the 10x dilutions required by the elevated concentrations of target compounds in the sample.

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:



Title: Technical Director

Date: 02/21/07

AIR

Project Name: ENERGIZER

Lab Number: L0702353

Project Number: 0056013

Report Date: 02/21/07

SAMPLE RESULTS

Lab ID: L0702353-01 R
 Client ID: ASG-16
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/20/07 07:26
 Analyst: PS

Date Collected: 02/14/07 10:32
 Date Received: 02/16/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	0.761	0.500	5.16	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER

Lab Number: L0702353

Project Number: 0056013

Report Date: 02/21/07

SAMPLE RESULTS

Lab ID: L0702353-02
 Client ID: ASG-18
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/19/07 23:08
 Analyst: PS

Date Collected: 02/14/07 12:10
 Date Received: 02/16/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	5.00	ND	19.8		10
Tetrachloroethene	324	5.00	2200	33.9		10
trans-1,2-Dichloroethene	ND	5.00	ND	19.8		10
Trichloroethene	ND	5.00	ND	26.8		10
Vinyl chloride	ND	5.00	ND	12.8		10



Project Name: ENERGIZER**Lab Number:** L0702353**Project Number:** 0056013**Report Date:** 02/21/07**SAMPLE RESULTS**

Lab ID: L0702353-03 R
Client ID: ASG-20
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/20/07 08:31
Analyst: PS

Date Collected: 02/14/07 12:55
Date Received: 02/16/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	43.0	0.500	291	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER

Lab Number: L0702353

Project Number: 0056013

Report Date: 02/21/07

SAMPLE RESULTS

Lab ID: L0702353-04 R
 Client ID: ASG-21
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/20/07 09:36
 Analyst: PS

Date Collected: 02/14/07 13:15
 Date Received: 02/16/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	ND	0.500	ND	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER

Lab Number: L0702353

Project Number: 0056013

Report Date: 02/21/07

SAMPLE RESULTS

Lab ID: L0702353-05 R
 Client ID: ASG-22
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/20/07 10:10
 Analyst: PS

Date Collected: 02/14/07 13:42
 Date Received: 02/16/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	ND	0.500	ND	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER

Lab Number: L0702353

Project Number: 0056013

Report Date: 02/21/07

SAMPLE RESULTS

Lab ID: L0702353-06 R
 Client ID: ASG-19
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/20/07 06:16
 Analyst: PS

Date Collected: 02/15/07 09:50
 Date Received: 02/16/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	ND	0.500	ND	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER

Lab Number: L0702353

Project Number: 0056013

Report Date: 02/21/07

SAMPLE RESULTS

Lab ID: L0702353-07 R
 Client ID: ASG-DUP-1
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/20/07 10:43
 Analyst: PS

Date Collected: 02/14/07 00:00
 Date Received: 02/16/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	ND	0.500	ND	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER

Lab Number: L0702353

Project Number: 0056013

Report Date: 02/21/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 02/19/07 18:16

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air for sample(s): 01-07 Batch: WG271104-3						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	ND	0.500	ND	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0702353

Report Date: 02/21/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-07 Batch: WG271104-1					
cis-1,2-Dichloroethene	106	-	70-130	-	
Tetrachloroethene	101	-	70-130	-	
trans-1,2-Dichloroethene	116	-	70-130	-	
Trichloroethene	111	-	70-130	-	
Vinyl chloride	108	-	70-130	-	

Project Name: ENERGIZER

Project Number: 0056013

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L0702353

Report Date: 02/21/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-07 QC Batch ID: WG271104-2 QC Sample: L0702353-03 Client ID: ASG-20					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	43.0	40.0	ppbV	7	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ENERGIZER**Lab Number:** L0702353**Project Number:** 0056013**Report Date:** 02/21/07**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0702353-01A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15
L0702353-02A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15
L0702353-03A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15
L0702353-04A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15
L0702353-05A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15
L0702353-06A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15
L0702353-07A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO-15
L0702353-08A	Canister - 6 Liter	NA	NA	NA	NA	Absent	CLEAN-FEE
L0702353-09A	Canister - 6 Liter	NA	NA	NA	NA	Absent	CLEAN-FEE

Project Name: ENERGIZER
Project Number: 0056013

Lab Number: L0702353
Report Date: 02/21/07

GLOSSARY

Acronyms

- 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.
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.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

- 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.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Report Format: Not Specified



Project Name: ENERGIZER**Lab Number:** L0702353**Project Number:** 0056013**Report Date:** 02/21/07

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.





ANALYTICAL REPORT

Lab Number: L0702410

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Mike Ravella

Project Name: ENERGIZER

Project Number: 0056013

Report Date: 02/22/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

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: 0056013

Lab Number: L0702410
Report Date: 02/22/07

Alpha Sample ID	Client ID	Sample Location
L0702410-01	ASG-17	BENNINGTON, VT
L0702410-02	ASG-23	BENNINGTON, VT
L0702410-03	ASG-24	BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 0056013

Lab Number: L0702410
Report Date: 02/22/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

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:



Title: Technical Director

Date: 02/22/07

AIR

Project Name: ENERGIZER

Lab Number: L0702410

Project Number: 0056013

Report Date: 02/22/07

SAMPLE RESULTS

Lab ID: L0702410-01
 Client ID: ASG-17
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/21/07 16:16
 Analyst: HM

Date Collected: 02/16/07 10:15
 Date Received: 02/19/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	53.3	0.500	361	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	1.05	0.500	5.63	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER**Lab Number:** L0702410**Project Number:** 0056013**Report Date:** 02/22/07**SAMPLE RESULTS**

Lab ID: L0702410-02
Client ID: ASG-23
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/21/07 16:51
Analyst: HM

Date Collected: 02/16/07 10:58
Date Received: 02/19/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	2.51	0.500	17.0	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER**Lab Number:** L0702410**Project Number:** 0056013**Report Date:** 02/22/07**SAMPLE RESULTS**

Lab ID: L0702410-03
Client ID: ASG-24
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/21/07 17:30
Analyst: HM

Date Collected: 02/16/07 11:28
Date Received: 02/19/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	ND	0.500	ND	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER

Lab Number: L0702410

Project Number: 0056013

Report Date: 02/22/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 02/21/07 12:25

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air for sample(s): 01-03 Batch: WG271315-2						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	ND	0.500	ND	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0702410

Report Date: 02/22/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG271315-1					
1,1,1-Trichloroethane	101	-	70-130	-	
1,1,2,2-Tetrachloroethane	99	-	70-130	-	
1,1,2-Trichloroethane	104	-	70-130	-	
1,1-Dichloroethane	104	-	70-130	-	
1,1-Dichloroethene	104	-	70-130	-	
1,2,4-Trichlorobenzene	102	-	70-130	-	
1,2,4-Trimethylbenzene	108	-	70-130	-	
1,2-Dibromoethane	103	-	70-130	-	
1,2-Dichlorobenzene	124	-	70-130	-	
1,2-Dichloroethane	106	-	70-130	-	
1,2-Dichloropropane	102	-	70-130	-	
1,3,5-Trimethylbenzene	106	-	70-130	-	
1,3-Butadiene	114	-	70-130	-	
1,3-Dichlorobenzene	120	-	70-130	-	
1,4-Dichlorobenzene	123	-	70-130	-	
1,4-Dioxane	108	-	70-130	-	
2,2,4-Trimethylpentane	106	-	70-130	-	
2-Butanone	99	-	70-130	-	
2-Hexanone	78	-	70-130	-	
3-Chloropropene	111	-	70-130	-	
4-Ethyltoluene	119	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0702410

Report Date: 02/22/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG271315-1					
Acetone	98	-	70-130	-	
Benzene	95	-	70-130	-	
Benzyl chloride	96	-	70-130	-	
Bromodichloromethane	108	-	70-130	-	
Bromoform	120	-	70-130	-	
Bromomethane	101	-	70-130	-	
Carbon disulfide	106	-	70-130	-	
Carbon tetrachloride	105	-	70-130	-	
Chlorobenzene	98	-	70-130	-	
Chloroethane	106	-	70-130	-	
Chloroform	105	-	70-130	-	
Chloromethane	94	-	70-130	-	
cis-1,2-Dichloroethene	106	-	70-130	-	
cis-1,3-Dichloropropene	95	-	70-130	-	
Cyclohexane	105	-	70-130	-	
Dibromochloromethane	107	-	70-130	-	
Dichlorodifluoromethane	102	-	70-130	-	
Ethyl Alcohol	103	-	70-130	-	
Ethyl Acetate	100	-	70-130	-	
Ethylbenzene	102	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	106	-	70-130	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0702410

Report Date: 02/22/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG271315-1					
1,2-Dichloro-1,1,2,2-tetrafluoroethane	112	-	70-130	-	
Hexachlorobutadiene	117	-	70-130	-	
iso-Propyl Alcohol	97	-	70-130	-	
Methylene chloride	107	-	70-130	-	
4-Methyl-2-pentanone	106	-	70-130	-	
Methyl tert butyl ether	109	-	70-130	-	
p/m-Xylene	108	-	70-130	-	
o-Xylene	112	-	70-130	-	
n-Heptane	104	-	70-130	-	
n-Hexane	107	-	70-130	-	
Propylene	91	-	70-130	-	
Styrene	104	-	70-130	-	
Tetrachloroethene	97	-	70-130	-	
Tetrahydrofuran	115	-	70-130	-	
Toluene	95	-	70-130	-	
trans-1,2-Dichloroethene	111	-	70-130	-	
trans-1,3-Dichloropropene	87	-	70-130	-	
Trichloroethene	108	-	70-130	-	
Trichlorofluoromethane	102	-	70-130	-	
Vinyl acetate	95	-	70-130	-	
Vinyl bromide	116	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0702410

Report Date: 02/22/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG271315-1					
Vinyl chloride	110	-	70-130	-	
Naphthalene	106	-	70-130	-	
Propane	99	-	70-130	-	
Acrylonitrile	110	-	70-130	-	
Acrolein	86	-	70-130	-	
1,1,1,2-Tetrachloroethane	101	-	70-130	-	
Isopropylbenzene	115	-	70-130	-	
1,2,3-Trichloropropane	99	-	70-130	-	
Acetonitrile	108	-	70-130	-	
Bromobenzene	100	-	70-130	-	
Chlorodifluoromethane	103	-	70-130	-	
Dichlorofluoromethane	102	-	70-130	-	
Dibromomethane	109	-	70-130	-	
Pentane	100	-	70-130	-	
Octane	98	-	70-130	-	
Tertiary-Amyl Methyl Ether	102	-	70-130	-	
o-Chlorotoluene	110	-	70-130	-	
p-Chlorotoluene	118	-	70-130	-	
2,2-Dichloropropane	119	-	70-130	-	
1,1-Dichloropropene	102	-	70-130	-	
Isopropyl Ether	107	-	70-130	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0702410

Report Date: 02/22/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG271315-1					
Ethyl-Tert-Butyl-Ether	103	-	70-130	-	
1,2,3-Trichlorobenzene	104	-	70-130	-	
Ethyl ether	108	-	70-130	-	
n-Butylbenzene	99	-	70-130	-	
sec-Butylbenzene	122	-	70-130	-	
tert-Butylbenzene	121	-	70-130	-	
1,2-Dibromo-3-chloropropane	118	-	70-130	-	
p-Isopropyltoluene	121	-	70-130	-	
n-Propylbenzene	119	-	70-130	-	
1,3-Dichloropropane	99	-	70-130	-	
Methanol	109	-	70-130	-	
Butane	93	-	70-130	-	
Nonane (C9)	105	-	70-130	-	
Decane (C10)	99	-	70-130	-	
Undecane	115	-	70-130	-	
Dodecane (C12)	86	-	70-130	-	

Project Name: ENERGIZER

Project Number: 0056013

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L0702410

Report Date: 02/22/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 QC Batch ID: WG271315-3 QC Sample: L0702213-02 Client ID: DUP Sample					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	1.85	1.89	ppbV	2	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ENERGIZER**Lab Number:** L0702410**Project Number:** 0056013**Report Date:** 02/22/07**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0702410-01A	Canister - 6 Liter	NA	N/A	NA	NA	Absent	TO-15
L0702410-02A	Canister - 6 Liter	NA	N/A	NA	NA	Absent	TO-15
L0702410-03A	Canister - 6 Liter	NA	N/A	NA	NA	Absent	TO-15

Project Name: ENERGIZER
Project Number: 0056013

Lab Number: L0702410
Report Date: 02/22/07

GLOSSARY

Acronyms

- 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.
- 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.
- ND - Not detected at the reported detection limit for the sample.
- RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
- 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

- 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.
- E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Report Format: Not Specified



Project Name: ENERGIZER**Lab Number:** L0702410**Project Number:** 0056013**Report Date:** 02/22/07

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.





AIR ANALYSIS

PAGE 1 OF 1

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERM
Address: 399 Boylston St
Boston Ma
Phone: 617 646 2800
Fax: 617 267 6449
Email: Michael.Ravella

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Site specific TO-15 TCE-PCE-VC
cis-trans PCE

Project Information

Project Name: Enigma
Project Location: Bennington VT
Project #: 0056013
Project Manager: Mike Ravella
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

5 DAYS
TO-13 10 DAYS
Date Due: 3/5/07 Time:

Date Rec'd in Lab: 2/19/07

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Mike Ravella via email
Report to: (if different than Project Manager)
and Todd Marsh @erm.com

ALPHA Job #: 0702410

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Date	Collection Star. Time End Time	Sample Matrix	Sampler's Initials	ID Can	ID-Flow Controller	TO-14A	TO-15	TO-15 SIM APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY	TO-4/TO-10	Sample Comments (i.e. PID)
<u>2410.1</u>	<u>ASG-17</u>	<u>16 Feb 07</u>	<u>0815 1015</u>	<u>SV</u>	<u>RM</u>	<u>B245</u>	<u>0144</u>	<u>X</u>									
<u>2</u>	<u>ASG-23</u>	<u>↓</u>	<u>0858 1058</u>	<u>↓</u>	<u>↓</u>	<u>99</u>	<u>06240</u>	<u>X</u>									
<u>3</u>	<u>ASG-24</u>	<u>↓</u>	<u>0928 1128</u>	<u>↓</u>	<u>↓</u>	<u>B239</u>	<u>0034</u>	<u>L</u>									

Shaded Gray Areas For Lab Use Only

Container Type

Relinquished By:

Date/Time

Received By:

Date/Time:

Todd L Marsh16 Feb 07 1215Federex
Kim Bailey2/19/07 1000

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. See reverse side.



ANALYTICAL REPORT

Lab Number: L0702954

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Mike Ravella

Project Name: ENERGIZER

Project Number: 0056013

Report Date: 03/06/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

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: 0056013

Lab Number: L0702954
Report Date: 03/06/07

Alpha Sample ID

L0702954-01

Client ID

ASG-28

Sample Location

BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 0056013

Lab Number: L0702954
Report Date: 03/06/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

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:



Title: Technical Director

Date: 03/06/07

AIR

Project Name: ENERGIZER

Lab Number: L0702954

Project Number: 0056013

Report Date: 03/06/07

SAMPLE RESULTS

Lab ID: L0702954-01
 Client ID: ASG-28
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 03/06/07 01:22
 Analyst: HM

Date Collected: 03/02/07 13:00
 Date Received: 03/03/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	10.8	0.500	72.9	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	6.07	0.500	32.6	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: ENERGIZER

Lab Number: L0702954

Project Number: 0056013

Report Date: 03/06/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 03/05/07 16:22

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air for sample(s): 01 Batch: WG272378-2						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	ND	0.500	ND	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1

Lab Control Sample Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0702954

Report Date: 03/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01 Batch: WG272378-1					
1,1,1-Trichloroethane	112	-	70-130	-	
1,1,2,2-Tetrachloroethane	91	-	70-130	-	
1,1,2-Trichloroethane	104	-	70-130	-	
1,1-Dichloroethane	103	-	70-130	-	
1,1-Dichloroethene	101	-	70-130	-	
1,2,4-Trichlorobenzene	109	-	70-130	-	
1,2,4-Trimethylbenzene	110	-	70-130	-	
1,2-Dibromoethane	96	-	70-130	-	
1,2-Dichlorobenzene	124	-	70-130	-	
1,2-Dichloroethane	112	-	70-130	-	
1,2-Dichloropropane	97	-	70-130	-	
1,3,5-Trimethylbenzene	111	-	70-130	-	
1,3-Butadiene	98	-	70-130	-	
1,3-Dichlorobenzene	123	-	70-130	-	
1,4-Dichlorobenzene	125	-	70-130	-	
1,4-Dioxane	97	-	70-130	-	
2,2,4-Trimethylpentane	101	-	70-130	-	
2-Butanone	93	-	70-130	-	
2-Hexanone	80	-	70-130	-	
3-Chloropropene	105	-	70-130	-	
4-Ethyltoluene	116	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0702954

Report Date: 03/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01 Batch: WG272378-1					
Acetone	98	-	70-130	-	
Benzene	97	-	70-130	-	
Benzyl chloride	82	-	70-130	-	
Bromodichloromethane	109	-	70-130	-	
Bromoform	116	-	70-130	-	
Bromomethane	72	-	70-130	-	
Carbon disulfide	95	-	70-130	-	
Carbon tetrachloride	117	-	70-130	-	
Chlorobenzene	91	-	70-130	-	
Chloroethane	92	-	70-130	-	
Chloroform	108	-	70-130	-	
Chloromethane	87	-	70-130	-	
cis-1,2-Dichloroethene	107	-	70-130	-	
cis-1,3-Dichloropropene	96	-	70-130	-	
Cyclohexane	95	-	70-130	-	
Dibromochloromethane	105	-	70-130	-	
Dichlorodifluoromethane	102	-	70-130	-	
Ethyl Alcohol	87	-	70-130	-	
Ethyl Acetate	80	-	70-130	-	
Ethylbenzene	100	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	100	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0702954

Report Date: 03/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01 Batch: WG272378-1					
1,2-Dichloro-1,1,2,2-tetrafluoroethane	97	-	70-130	-	
Hexachlorobutadiene	120	-	70-130	-	
iso-Propyl Alcohol	77	-	70-130	-	
Methylene chloride	108	-	70-130	-	
4-Methyl-2-pentanone	108	-	70-130	-	
Methyl tert butyl ether	116	-	70-130	-	
p/m-Xylene	106	-	70-130	-	
o-Xylene	114	-	70-130	-	
n-Heptane	98	-	70-130	-	
n-Hexane	102	-	70-130	-	
Propylene	88	-	70-130	-	
Styrene	95	-	70-130	-	
Tetrachloroethene	95	-	70-130	-	
Tetrahydrofuran	112	-	70-130	-	
Toluene	90	-	70-130	-	
trans-1,2-Dichloroethene	110	-	70-130	-	
trans-1,3-Dichloropropene	84	-	70-130	-	
Trichloroethene	103	-	70-130	-	
Trichlorofluoromethane	104	-	70-130	-	
Vinyl acetate	86	-	70-130	-	
Vinyl bromide	103	-	70-130	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0702954

Report Date: 03/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01 Batch: WG272378-1					
Vinyl chloride	93	-	70-130	-	
Naphthalene	76	-	70-130	-	
Propane	94	-	70-130	-	
Acrylonitrile	98	-	70-130	-	
Acrolein	72	-	70-130	-	
1,1,1,2-Tetrachloroethane	96	-	70-130	-	
Isopropylbenzene	109	-	70-130	-	
1,2,3-Trichloropropane	87	-	70-130	-	
Acetonitrile	89	-	70-130	-	
Bromobenzene	91	-	70-130	-	
Chlorodifluoromethane	101	-	70-130	-	
Dichlorofluoromethane	97	-	70-130	-	
Dibromomethane	97	-	70-130	-	
Pentane	92	-	70-130	-	
Octane	91	-	70-130	-	
Tertiary-Amyl Methyl Ether	105	-	70-130	-	
o-Chlorotoluene	102	-	70-130	-	
p-Chlorotoluene	106	-	70-130	-	
2,2-Dichloropropane	120	-	70-130	-	
1,1-Dichloropropene	99	-	70-130	-	
Isopropyl Ether	100	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0702954

Report Date: 03/06/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01 Batch: WG272378-1					
Ethyl-Tert-Butyl-Ether	108	-	70-130	-	
1,2,3-Trichlorobenzene	75	-	70-130	-	
Ethyl ether	99	-	70-130	-	
n-Butylbenzene	84	-	70-130	-	
sec-Butylbenzene	110	-	70-130	-	
tert-Butylbenzene	113	-	70-130	-	
1,2-Dibromo-3-chloropropane	100	-	70-130	-	
p-Isopropyltoluene	113	-	70-130	-	
n-Propylbenzene	115	-	70-130	-	
1,3-Dichloropropane	88	-	70-130	-	
Methanol	73	-	70-130	-	
Butane	82	-	70-130	-	
Nonane (C9)	92	-	70-130	-	
Decane (C10)	85	-	70-130	-	
Undecane	93	-	70-130	-	
Dodecane (C12)	63	-	70-130	-	

Lab Duplicate Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0702954

Report Date: 03/06/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01 QC Batch ID: WG272378-3 QC Sample: L0702950-03 Client ID: DUP Sample					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	ND	ND	ppbV	NC	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ENERGIZER**Project Number:** 0056013**Lab Number:** L0702954**Report Date:** 03/06/07**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0702954-01A	Canister - 2.7 Liter	NA	NA	NA	Y	Absent	TO-15

Project Name: ENERGIZER
Project Number: 0056013

Lab Number: L0702954
Report Date: 03/06/07

GLOSSARY

Acronyms

- 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.
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.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

- 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.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Report Format: Not Specified



Project Name: ENERGIZER
Project Number: 0056013

Lab Number: L0702954
Report Date: 03/06/07

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.




CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 1

 WOODS HOLE LABS
 Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

 Client: **ERM - MA**

 Address: **399 Baylson St**
Boston MA

 Phone: **617-646-7800**

 Fax: **617-267-6447**

 Email: **Mike Bowler ; Todd Marsh**
☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Site Specific compounds only
 TCE - PCE - VC - CIS ; trans DCE

Project Information

 Project Name: **Energyzer**

 Project Location: **Barnington VT**

 Project #: **0050613**

 Project Manager: **M. Ravelle**

ALPHA Quote #:

Turn-Around Time

☐ Standard

 5 DAYS
 TO 18 10 DAYS

 Date Due: **3/6/07**
☒ RUSH (only confirmed if pre-approved)
 called Mike Marsh
 Time: 24hr

Date Rec'd in Lab:

3/13/07
Report Information - Data Deliverables
☐ FAX
☐ ADEX

Criteria Checker:

 (Default based on Regulatory Criteria Indicated)
 Other Formats:

☒ EMAIL (standard pdf report)

☐ Additional Deliverables:

Report to: (if different than Project Manager)

ALPHA Job #:

W0702954
Billing Information
☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

- TO-14A
- TO-15
- TO-15 SIM
- APH
- DISSOLVED GASES
- FIXED GASES
- TO-13A
- TO-15 SULFIDES/MERCAPTANS
- DISS GASES CO2 ONLY
- TO-4/TO-10

Sample Comments (i.e. PID)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Sample Matrix	Sampler's Initials	ID Can	ID - Flow Controller	Sample Comments (i.e. PID)
0954,1	ASG-26	2/26/07	1100	1300	SV	TM	6665	FULLY	X

SEE ABOVE

Shaded Gray Areas For Lab Use Only

Container Type

Relinquished By:

Todd Marsh

Date/Time

2/26/07 1105

Received By:

Fedex
Stapler

Date/Time:

10:45 3/13/07

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. See reverse side.



ANALYTICAL REPORT

Lab Number: L0703725

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Mike Ravella

Project Name: ENERGIZER

Project Number: 0056013

Report Date: 04/09/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

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: 0056013

Lab Number: L0703725
Report Date: 04/09/07

Alpha Sample ID	Client ID	Sample Location
L0703725-01	SS-01-20070321-01	BENNINGTON, VT
L0703725-02	BIA-01-20070321-01	BENNINGTON, VT
L0703725-03	BIA-02-20070321-01	BENNINGTON, VT
L0703725-04	SS-02-20070321-01	BENNINGTON, VT
L0703725-05	BIA-03-20070321-01	BENNINGTON, VT
L0703725-06	SS-03-20070321-01	BENNINGTON, VT
L0703725-07	BIA-04-20070321-01	BENNINGTON, VT
L0703725-08	OAA-01-20070321-01	BENNINGTON, VT
L0703725-09	BIA-05-20070321-01	BENNINGTON, VT
L0703725-10	DUP-01-20070321-01	BENNINGTON, VT
L0703725-11	BIA-06-20070321-01	BENNINGTON, VT
L0703725-12	BIA-07-20070321-01	BENNINGTON, VT
L0703725-13	BIA-08-20070321-01	BENNINGTON, VT
L0703725-14	DUP-02-20070321-01	BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 0056013

Lab Number: L0703725
Report Date: 04/09/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

TO15-SIM

Samples L0703725-01 through -14 have elevated detection limits due to the 2x dilutions required by the elevated concentrations of target compounds in the samples.

Samples L0703725-01 and -10 also required re-analysis on a 8x dilution in order to quantitate samples within the range of the calibration. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the range of the calibration.

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:



Title: Technical Director

Date: 04/09/07

AIR

Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

SAMPLE RESULTS

Lab ID: L0703725-01
 Client ID: SS-01-20070321-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/03/07 15:18
 Analyst: HM

Date Collected: 03/21/07 13:20
 Date Received: 03/23/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	>10	0.04	>67.8	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	0.500	0.040	2.68	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2



Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

SAMPLE RESULTS

Lab ID: L0703725-01 R
 Client ID: SS-01-20070321-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/04/07 09:17
 Analyst: HM

Date Collected: 03/21/07 13:20
 Date Received: 03/23/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Tetrachloroethene	18.6	0.160	126	1.08		8



Project Name: ENERGIZER**Lab Number:** L0703725**Project Number:** 0056013**Report Date:** 04/09/07**SAMPLE RESULTS**

Lab ID: L0703725-02
Client ID: BIA-01-20070321-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/07 15:55
Analyst: HM

Date Collected: 03/21/07 13:20
Date Received: 03/23/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	0.120	0.040	0.813	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	0.480	0.040	2.58	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2



Project Name: ENERGIZER**Lab Number:** L0703725**Project Number:** 0056013**Report Date:** 04/09/07**SAMPLE RESULTS**

Lab ID: L0703725-03
Client ID: BIA-02-20070321-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/07 16:32
Analyst: HM

Date Collected: 03/21/07 13:21
Date Received: 03/23/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	0.120	0.040	0.813	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	0.640	0.040	3.44	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2



Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

SAMPLE RESULTS

Lab ID: L0703725-04
 Client ID: SS-02-20070321-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/03/07 17:46
 Analyst: HM

Date Collected: 03/21/07 13:30
 Date Received: 03/23/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	2.66	0.040	18.0	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	0.260	0.040	1.40	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2



Project Name: ENERGIZER**Lab Number:** L0703725**Project Number:** 0056013**Report Date:** 04/09/07**SAMPLE RESULTS**

Lab ID: L0703725-05
Client ID: BIA-03-20070321-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/07 18:23
Analyst: HM

Date Collected: 03/21/07 13:30
Date Received: 03/23/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	0.360	0.040	2.44	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	0.680	0.040	3.65	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2



Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

SAMPLE RESULTS

Lab ID: L0703725-06
 Client ID: SS-03-20070321-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/03/07 19:00
 Analyst: HM

Date Collected: 03/21/07 13:31
 Date Received: 03/23/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	0.780	0.040	5.28	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	1.16	0.040	6.23	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2



Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

SAMPLE RESULTS

Lab ID: L0703725-07
 Client ID: BIA-04-20070321-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/03/07 19:37
 Analyst: HM

Date Collected: 03/21/07 13:31
 Date Received: 03/23/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	0.720	0.040	4.88	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	1.50	0.040	8.05	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2



Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

SAMPLE RESULTS

Lab ID: L0703725-08
 Client ID: OAA-01-20070321-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/03/07 20:14
 Analyst: HM

Date Collected: 03/21/07 13:33
 Date Received: 03/23/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	ND	0.040	ND	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	0.980	0.040	5.26	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2

Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

SAMPLE RESULTS

Lab ID: L0703725-09
 Client ID: BIA-05-20070321-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48, TO-15-SIM
 Analytical Date: 04/03/07 20:51
 Analyst: HM

Date Collected: 03/21/07 13:15
 Date Received: 03/23/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	0.380	0.040	2.58	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	0.860	0.040	4.62	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2

Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

SAMPLE RESULTS

Lab ID: L0703725-10
 Client ID: DUP-01-20070321-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/03/07 21:28
 Analyst: HM

Date Collected: 03/21/07 13:20
 Date Received: 03/23/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	>10	0.04	>67.8	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	0.440	0.040	2.36	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2



Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

SAMPLE RESULTS

Lab ID: L0703725-10 R
 Client ID: DUP-01-20070321-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/04/07 09:54
 Analyst: HM

Date Collected: 03/21/07 13:20
 Date Received: 03/23/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Tetrachloroethene	15.5	0.160	105	1.08		8



Project Name: ENERGIZER**Lab Number:** L0703725**Project Number:** 0056013**Report Date:** 04/09/07**SAMPLE RESULTS**

Lab ID: L0703725-11
Client ID: BIA-06-20070321-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/07 22:05
Analyst: HM

Date Collected: 03/21/07 13:14
Date Received: 03/23/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	0.140	0.040	0.949	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	0.580	0.040	3.11	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2



Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

SAMPLE RESULTS

Lab ID: L0703725-12
 Client ID: BIA-07-20070321-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/03/07 22:42
 Analyst: HM

Date Collected: 03/21/07 13:03
 Date Received: 03/23/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	0.400	0.040	2.71	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	1.04	0.040	5.58	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2



Project Name: ENERGIZER**Lab Number:** L0703725**Project Number:** 0056013**Report Date:** 04/09/07**SAMPLE RESULTS**

Lab ID: L0703725-13
Client ID: BIA-08-20070321-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/07 23:19
Analyst: HM

Date Collected: 03/21/07 13:03
Date Received: 03/23/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	0.720	0.040	4.88	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	1.62	0.040	8.70	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2



Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

SAMPLE RESULTS

Lab ID: L0703725-14
 Client ID: DUP-02-20070321-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/03/07 23:56
 Analyst: HM

Date Collected: 03/21/07 11:59
 Date Received: 03/23/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Tetrachloroethene	0.300	0.040	2.03	0.271		2
trans-1,2-Dichloroethene	ND	0.040	ND	0.158		2
Trichloroethene	0.620	0.040	3.33	0.215		2
Vinyl chloride	ND	0.040	ND	0.102		2

Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 04/03/07 12:26

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-14 Batch: WG275423-2						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	ND	0.020	ND	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0703725

Report Date: 04/09/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-14 Batch: WG275423-1					
1,1-Dichloroethene	121	-	70-130	-	
cis-1,2-Dichloroethene	94	-	70-130	-	
Tetrachloroethene	79	-	70-130	-	
trans-1,2-Dichloroethene	128	-	70-130	-	
Trichloroethene	90	-	70-130	-	
Vinyl chloride	128	-	70-130	-	

Project Name: ENERGIZER

Project Number: 0056013

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L0703725

Report Date: 04/09/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-14 QC Batch ID: WG275423-3 QC Sample: L0703725-03 Client ID: BIA-02-20070321-01					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	0.120	0.120	ppbV	0	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	0.640	0.660	ppbV	3	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ENERGIZER

Lab Number: L0703725

Project Number: 0056013

Report Date: 04/09/07

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0703725-01A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-02A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-03A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-04A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-05A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-06A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-07A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-08A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-09A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-10A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-11A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-12A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-13A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0703725-14A	Canister - 2.7 Liter	NA	NA	NA	NA	Absent	TO15-SIM

Project Name: ENERGIZER
Project Number: 0056013

Lab Number: L0703725
Report Date: 04/09/07

GLOSSARY

Acronyms

- 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.
- 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.
- ND - Not detected at the reported detection limit for the sample.
- RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

- 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.
- E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Project Name: ENERGIZER
Project Number: 0056013

Lab Number: L0703725
Report Date: 04/09/07

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.





AIR ANALYSIS

PAGE 1 OF 2

 Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERM - NORTHEAST, INC.

 Address: 399 BOYLESTON ST.
 CHILMARK, BOSTON, MA 02116

Phone (617) 267-8377

Fax:

Email: mike.rauella

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

SEE PROJECT SPECIFIC ANALYTE LIST

Project Information

Project Name: ENERGI ZAR

Project Location: BENNINGTON, VT.

Project #: 0056013

Project Manager: MIKE RAUELLA

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

 5 DAYS
 TO-13: 10 DAYS

Date Due: 4/6/07 Time:

Date Rec'd in Lab: 3/23/07

Report Information - Data Deliverables

☐ FAX

☒ ADEx

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☒ EMAIL (standard pdf report)

☐ Additional Deliverables:

Report to: (if different than Project Manager)

ALPHA Job #: L0703725

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection			Sample Matrix	Sampler's Initials	ID Can	ID - Flow Controller	TO-14A	TO-15	TO-15 SIM	APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY	TO-4/TO-10	Sample Comments (i.e. PID)
		Date	Start Time	End Time															
3725-01	SS-01-20070321-01	3/21/07	1320	1320	AIR	TM	7277	FC121	X	X			SUB-SLAB						SITE SPECIFIC COMMENTS ONLY:
-02	BIA-01-20070321-01	3/21/07	1320	1320	AIR	TM	2854	FC197	X	X			INDOOR AIR						" RE TCE
-03	BIA-02-20070321-01	3/21/07	1320	1321	AIR	TM	7269	FC59	X	X			INDOOR AIR						" C DCE + DCE
-04	SS-02-20070321-01	3/21/07	1324	1330	AIR	TM	7278	FC10	X	X			SUB-SLAB						" VINYL CHLORIDE
-05	BIA-03-20070321-01	3/21/07	1324	1330	AIR	TM	7268	FC71	X	X			INDOOR AIR						"
-06	SS-03-20070321-01	3/21/07	1324	1331	AIR	TM	2829	FC86	X	X			SUB-SLAB						"
-07	BIA-04-20070321-01	3/21/07	1324	1331	AIR	TM	2841	FC84	X	X			INDOOR AIR						"
-08	OAA-01-20070321-01	3/21/07	1327	1333	AIR	TM	7129	FC138	X	X			OUTDOOR AMBIENT						"
-09	BIA-05-20070321-01	3/21/07	1316	1315	AIR	TM	2832	FC122	X	X			INDOOR AIR						"
-10	DUP-01-20070321-01	3/21/07	1200	1200	AIR	TM	2840	FC91	X	X			SUB-SLAB						"

Shaded Gray Areas For Lab Use Only

Container Type

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. See reverse side.

Relinquished By:

Todd L. March

Date/Time

2/21/07 1820

Received By:

T. F. Furey

Date/Time:

3/23/07 1200



AIR ANALYSIS

 PAGE 2 OF 2

 Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

 Client: SEE PAGE 1

Address:

Phone:

Fax:

Email:

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

SEE PROJECT SPECIFIC ANALYTE LIST.

Project Information

 Project Name: ENERGIZER

 Project Location: BENNINGTON, VT

 Project #: 0056013

 Project Manager: MIKE RAZELA

ALPHA Quote #:

Turn-Around Time

☐ Standard

 5 DAYS
 TO-13: 10 DAYS

☐ RUSH (only confirmed if pre-approved!)

 Date Due: 4/6/07 Time:

 Date Rec'd in Lab: 3/23/07

Report Information - Data Deliverables

☐ FAX

☒ ADEX

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☒ EMAIL (standard pdf report)

☐ Additional Deliverables:

Report to: (if different than Project Manager)

 ALPHA Job #: LO708725

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection			Sample Matrix	Sampler's Initials	ID Can	ID - Flow Controller	TO-14A	TO-15	TO-15 SIM	APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY	TO-4/TO-10	Sample Comments (i.e. PID)
		Date	Start Time	End Time															
3725-11	BIA-06-20070321-01	3/21/07	1315	1344	AIR	TM	2833	FC120	X	X			INDOOR AIR						SITE SPECIFIC COMPOUNDS ONLY: ACE TCE EDCE EDCE VINYL CHLORIDE
12	BIA-07-20070321-01	3/21/07	1305	1303	AIR	TM	6861	FC74	X	X			INDOOR AIR						
13	BIA-08-20070321-01	3/21/07	1303	1303	AIR	TM	7135	FC145	X	X			INDOOR AIR						
14	DUP-02-20070321-01	3/21/07	1200	1159	AIR	TM	7267	FC117	X	X			INDOOR AIR						

Shaded Gray Areas For Lab Use Only

Container Type

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. See reverse side.

Relinquished By:

Todd L Marsh

Date/Time

22 Mar 07 1200

Received By:

Feder

Date/Time:

3/23/07 1200

Alpha Woods Hole Labs
6L Canister Log

CCP #	Can ID #	Date Cleaned	Pres. prior to delivery, in. Hg	Bottle Order #	Date Delivered	Client	Date Received	Lab ID #	Pressure upon receipt
1	2351	2/26/07	-BAD VALVE - 24 HR TEST + RECLEANED						
2	6861		-29.6	33351	3/14/07	ERM	3/22/07	3725.12	-1.6
3	7133		-29.6					3725.13	-2.4
4	7129		-29.6				3/23/07	3725.8	-2.6
5	1251		STANDARD						
6	1302		STANDARD						
7	7134								
8	1252		STANDARD						
9	7131		-29.6 ENT	33224	3/13/07				
10									
11									
12									
13									
14									
15									
16									
17									
18									

Canister QC Data	Login #	Can ID	Analysis	Date Approved
	10702736-2	2351	TO-15	2/28/07
	-2	2351	APH	2/1/07

Can Cleaner # 3

Shelf # E

Final Pressure., mTorr: 10

Initials: PS

**Alpha Woods Hole Labs
6L Canister Log**

CCP #	Can ID #	Date Cleaned	Pres. prior to delivery, in. Hg	Bottle Order #	Date Delivered	Client	Date Received	Lab ID #	Pressure upon receipt
1	7277	3/13/07	-29.2	33249	3/14/07	ERM	3/23/07	3725.1	-4.6
2	7275		-29.4	33326	3/19/07		3/23/07	3727.2	-4.7
3	7276		-29.2	33249	3/14/07	ERM	3/23/07	3725.1	-29.3
4	7278		-29.2					.4	-48
5	2829		-29.2					.6	-3.9
6	2830		-29.2					3726.2	-29.3
7	2832		-29.2					.9	-28
8	2833		-29.2					.11	-38
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									

Canister Qc Data	Login #	Can ID	Analysis	Date Approved
		7277	TO-15 SIM	3/14/07
	0703060	7275	TO-15 SIM	3/15/07

SIM
Can Cleaner # 3
Shelf # D

Final Pressure., mTorr: 10
Initials: PS

**Alpha Woods Hole Labs
6L Canister Log**

CCP #	Can ID #	Date Cleaned	Pres. prior to delivery, in. Hg	Bottle Order #	Date Delivered	Client	Date Received	Lab ID #	Pressure upon receipt
1	2840	2/13/07	-29.2	33249	3/14/07	ERM	3/22/07	3725-10	-2.7
2	2839	↓	-29.5	33717	4/1/07	[REDACTED]	4/10/07	4663.1	-5.8
3	2854		-29.2	33249	3/14/07	ERM	3/23/07	3725.2	-6.3
4	2841		-29.2	↓	↓	↓	↓	.7	-7.4
5	7269		-29.2					.3	-3.4
6	7267		-29.2					.14	-7.1
7	7268		-29.2					.5	-4.5
8	7270		-29.2					3726.3	-29.3
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									

Canister QC Data	Login #	Can ID	Analysis	Date Approved
		2840	TD-15 SIM	3/14/07
	ETR0703060	2839	TD-15 SIM	3/15/07

SIM
Canister Cleaner # 3

Shelf # A

Final Pressure., nTorr: 10
Initials: PS



ANALYTICAL REPORT

Lab Number: L0705871

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Mike Ravella

Project Name: ENERGIZER

Project Number: 0056013

Report Date: 05/08/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

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: 0056013

Lab Number: L0705871
Report Date: 05/08/07

Alpha Sample ID	Client ID	Sample Location
L0705871-01	BIA-01-20070423-01	BENNINGTON, VT
L0705871-02	BIA-02-20070423-01	BENNINGTON, VT
L0705871-03	BIA-03-20070423-01	BENNINGTON, VT
L0705871-04	BIA-04-20070423-01	BENNINGTON, VT
L0705871-05	FIA-01-20070423-01	BENNINGTON, VT
L0705871-06	FIA-02-20070423-01	BENNINGTON, VT
L0705871-07	FIA-03-20070423-01	BENNINGTON, VT
L0705871-08	FIA-04-20070423-01	BENNINGTON, VT
L0705871-09	FIA-05-20070423-01	BENNINGTON, VT
L0705871-10	FIA-06-20070423-01	BENNINGTON, VT
L0705871-11	FIA-07-20070423-01	BENNINGTON, VT
L0705871-12	OAA-01-20070423-01	BENNINGTON, VT
L0705871-13	OAA-02-20070423-01	BENNINGTON, VT
L0705871-14	OAA-03-20070423-01	BENNINGTON, VT
L0705871-15	OAA-04-20070423-01	BENNINGTON, VT
L0705871-16	DUP-01-20070423-01	BENNINGTON, VT
L0705871-17	DUP-02-20070423-01	BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 0056013

Lab Number: L0705871
Report Date: 05/08/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

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:



Title: Technical Director

Date: 05/08/07

AIR

Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-01
 Client ID: BIA-01-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/07/07 16:08
 Analyst: HM

Date Collected: 04/24/07 08:39
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.883	0.020	5.98	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.424	0.020	2.28	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-02
 Client ID: BIA-02-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/07/07 16:45
 Analyst: HM

Date Collected: 04/24/07 08:50
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.392	0.020	2.66	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.206	0.020	1.11	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER**Lab Number:** L0705871**Project Number:** 0056013**Report Date:** 05/08/07**SAMPLE RESULTS**

Lab ID: L0705871-03
Client ID: BIA-03-20070423-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/07/07 17:22
Analyst: HM

Date Collected: 04/24/07 09:20
Date Received: 04/25/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.550	0.020	3.73	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.272	0.020	1.46	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-04
 Client ID: BIA-04-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/07/07 17:59
 Analyst: HM

Date Collected: 04/24/07 11:28
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.518	0.020	3.51	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.377	0.020	2.02	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER**Lab Number:** L0705871**Project Number:** 0056013**Report Date:** 05/08/07**SAMPLE RESULTS**

Lab ID: L0705871-05
Client ID: FIA-01-20070423-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/07/07 18:36
Analyst: HM

Date Collected: 04/24/07 08:39
Date Received: 04/25/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.154	0.020	1.04	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.714	0.020	3.83	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-06
 Client ID: FIA-02-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/07/07 19:13
 Analyst: HM

Date Collected: 04/24/07 08:46
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.071	0.020	0.478	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.279	0.020	1.50	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-07
 Client ID: FIA-03-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/07/07 19:50
 Analyst: HM

Date Collected: 04/24/07 08:48
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.142	0.020	0.961	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.218	0.020	1.17	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-08
 Client ID: FIA-04-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/07/07 20:27
 Analyst: HM

Date Collected: 04/24/07 09:21
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.068	0.020	0.459	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.298	0.020	1.60	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-09
 Client ID: FIA-05-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/07/07 21:04
 Analyst: HM

Date Collected: 04/24/07 11:34
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.063	0.020	0.426	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.210	0.020	1.13	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-10
 Client ID: FIA-06-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/07/07 21:41
 Analyst: HM

Date Collected: 04/24/07 11:29
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.166	0.020	1.12	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.448	0.020	2.40	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-11
 Client ID: FIA-07-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/07/07 22:17
 Analyst: HM

Date Collected: 04/24/07 11:25
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.319	0.020	2.16	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.879	0.020	4.72	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-12
 Client ID: OAA-01-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/07/07 22:54
 Analyst: HM

Date Collected: 04/24/07 10:23
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	ND	0.020	ND	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-13
 Client ID: OAA-02-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/07/07 23:31
 Analyst: HM

Date Collected: 04/24/07 10:26
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.187	0.020	1.00	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER**Lab Number:** L0705871**Project Number:** 0056013**Report Date:** 05/08/07**SAMPLE RESULTS**

Lab ID: L0705871-14
Client ID: OAA-03-20070423-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/08/07 00:08
Analyst: HM

Date Collected: 04/24/07 10:27
Date Received: 04/25/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.478	0.020	2.56	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-15
 Client ID: OAA-04-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/08/07 00:45
 Analyst: HM

Date Collected: 04/24/07 10:22
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.029	0.020	0.155	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

SAMPLE RESULTS

Lab ID: L0705871-16
 Client ID: DUP-01-20070423-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/08/07 01:21
 Analyst: HM

Date Collected: 04/24/07 12:02
 Date Received: 04/25/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.032	0.020	0.174	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER**Lab Number:** L0705871**Project Number:** 0056013**Report Date:** 05/08/07**SAMPLE RESULTS**

Lab ID: L0705871-17
Client ID: DUP-02-20070423-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/08/07 01:58
Analyst: HM

Date Collected: 04/24/07 11:59
Date Received: 04/25/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.150	0.020	1.01	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.410	0.020	2.20	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 05/07/07 15:04

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-17 Batch: WG279350-2						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	ND	0.020	ND	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0705871

Report Date: 05/08/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-17 Batch: WG279350-1					
1,1,1-Trichloroethane	106	-	70-130	-	
1,1,1,2-Tetrachloroethane	91	-	70-130	-	
1,1,2,2-Tetrachloroethane	91	-	70-130	-	
1,1,2-Trichloroethane	103	-	70-130	-	
1,1-Dichloroethane	115	-	70-130	-	
1,1-Dichloroethene	104	-	70-130	-	
1,2,4-Trimethylbenzene	88	-	70-130	-	
1,2-Dibromoethane	83	-	70-130	-	
1,2-Dichlorobenzene	83	-	70-130	-	
1,2-Dichloroethane	128	-	70-130	-	
1,2-Dichloropropane	96	-	70-130	-	
1,3,5-Trimethylbenzene	85	-	70-130	-	
1,3-Dichlorobenzene	84	-	70-130	-	
1,4-Dichlorobenzene	82	-	70-130	-	
Benzene	90	-	70-130	-	
Bromodichloromethane	111	-	70-130	-	
Bromoform	94	-	70-130	-	
Carbon tetrachloride	90	-	70-130	-	
Chlorobenzene	89	-	70-130	-	
Chloroethane	107	-	70-130	-	
Chloroform	116	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0056013

Lab Number: L0705871

Report Date: 05/08/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-17 Batch: WG279350-1					
cis-1,2-Dichloroethene	98	-	70-130	-	
cis-1,3-Dichloropropene	91	-	70-130	-	
Dibromochloromethane	95	-	70-130	-	
Dichlorodifluoromethane	99	-	70-130	-	
Ethylbenzene	80	-	70-130	-	
Methyl tert butyl ether	98	-	70-130	-	
p/m-Xylene	85	-	70-130	-	
o-Xylene	82	-	70-130	-	
Styrene	74	-	70-130	-	
Tetrachloroethene	77	-	70-130	-	
Toluene	78	-	70-130	-	
trans-1,2-Dichloroethene	122	-	70-130	-	
trans-1,3-Dichloropropene	94	-	70-130	-	
Trichloroethene	86	-	70-130	-	
Trichlorofluoromethane	108	-	70-130	-	
Vinyl chloride	100	-	70-130	-	

Project Name: ENERGIZER

Project Number: 0056013

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L0705871

Report Date: 05/08/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-17 QC Batch ID: WG279350-3 QC Sample: L0705871-10 Client ID: FIA-06-20070423-01					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	0.166	0.153	ppbV	8	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	0.448	0.401	ppbV	11	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ENERGIZER

Lab Number: L0705871

Project Number: 0056013

Report Date: 05/08/07

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0705871-01A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-02A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-03A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-04A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-05A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-06A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-07A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-08A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-09A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-10A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-11A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-12A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-13A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-14A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-15A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-16A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM
L0705871-17A	Canister - 6 Liter	NA	NA	NA	NA	Absent	TO15-SIM

Project Name: ENERGIZER
Project Number: 0056013

Lab Number: L0705871
Report Date: 05/08/07

GLOSSARY

Acronyms

- 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.
- 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.
- ND - Not detected at the reported detection limit for the sample.
- RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

- 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.
- E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Project Name: ENERGIZER**Lab Number:** L0705871**Project Number:** 0056013**Report Date:** 05/08/07

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.



AIR ANALYSIS

PAGE 1 OF 2



CHAIN OF CUSTODY

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERM-ALBERTASTAddress: 399 Boylston StreetCity/State: Boston, MA 02116Phone: (617) 646-7800Fax: (617) 646-7800Email: Mike Rucella

Project Information

Project Name: ENERGIZEProject Location: BENJAMIN, VTProject #: 0056013Project Manager: Mike Rucella

ALPHA Quote #:

Turn-Around Time

☒ Standard

5 DAYS

TO-13, 10 DAYS

☐ RUSH (only confirmed if pre-approved)Date Due: 5/14/07

Time:

Date Rec'd in Lab: 4/25/07ALPHA Job #: LOT05871

Report Information - Data Deliverables

☐ FAX☒ ADEX

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☒ EMAIL (standard pdf report)☐ Additional Deliverables:

Report to: (if different than Project Manager)

Kristopher Peritt & Emma& Mike Rucella

Billing Information

☒ Same as Client info

PO #:

Regulatory Requirements/Report Limits

State/Fed

Program

Criteria

ANALYSIS

TO-14A

TO-15 *

TO-15 SIM

APH

DISSOLVED GASES

FIXED GASES

TO-13A

TO-15 SIL/PHOS/MERCAPTANS

DISS GASES CO2 ONLY

TO-4/TO-10

Other Project Specific Requirements/Comments: SITE SPECIFIC VOC LIST

PCF
TCE
E-DCP
C-DCP
UNPLC CHLORIDE

ALPHA Lab ID
(Lab Use Only)

Sample ID

Collection
Date Start Time End Time

Sample Matrix

Sampler's Initials

ID Can

ID-Flow Controller

TO-14A

TO-15 *

TO-15 SIM

APH

DISSOLVED GASES

FIXED GASES

TO-13A

TO-15 SIL/PHOS/MERCAPTANS

DISS GASES CO2 ONLY

TO-4/TO-10

Sample Comments (i.e. PID)

5871-01 BIA-01-20070423-01

4/23/07

4/23

0835

4/24

0839

AIR

4/24

946

0214

X

X

X

X

X

X

X

X

X

X

X

-02 BIA-02-20070423-01

4/23/07

4/23

0850

4/24

0850

AIR

4/24

948

0028

X

X

X

X

X

X

X

X

X

X

X

-03 BIA-03-20070423-01

4/23/07

4/23

0921

4/24

0921

AIR

4/24

920

0082

X

X

X

X

X

X

X

X

X

X

X

-04 BIA-04-20070423-01

4/23/07

4/23

1128

4/24

1128

AIR

4/24

940

0142

X

X

X

X

X

X

X

X

X

X

X

-05 BIA-05-20070423-01

4/23/07

4/23

0835

4/24

0839

AIR

4/24

945

0183

X

X

X

X

X

X

X

X

X

X

X

-06 BIA-06-20070423-01

4/23/07

4/23

0846

4/24

0846

AIR

4/24

945

0137

X

X

X

X

X

X

X

X

X

X

X

-07 BIA-07-20070423-01

4/23/07

4/23

0846

4/24

0846

AIR

4/24

948

0046

X

X

X

X

X

X

X

X

X

X

X

-08 BIA-08-20070423-01

4/23/07

4/23

0846

4/24

0846

AIR

4/24

948

0046

X

X

X

X

X

X

X

X

X

X

X

-09 BIA-09-20070423-01

4/23/07

4/23

1136

4/24

1134

AIR

4/24

948

0085

X

X

X

X

X

X

X

X

X

X

X

-10 BIA-10-20070423-01

4/23/07

4/23

1130

4/24

1129

AIR

4/24

944

0001

X

X

X

X

X

X

X

X

X

X

X

Shaded Gray Areas For Lab Use Only

Container Type

Relinquished By:

Date/Time

Received By:

Date/Time:

Mike Rucella24 Apr 07 1204Red-OK4/25/07 1200

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. See reverse side.



CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 2 OF 2

 Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERM - NortheastAddress: See Page 1

Phone:

Fax:

Email:

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Site Specific Comments List:

 PC
 TCE
 E-OC
 C-OC
 U-OC
 C-OC

Project Information

Project Name: ENERGIZERProject Location: Barnington, VTProject #: 0056018Project Manager: M. R. Buckle

ALPHA Quote #:

Turn-Around Time

☐ Standard
 5 DAYS
 TO-13, 10 DAYS

☐ RUSH (only confirmed if pre-approved)
Date Due: 5/9/07 Time:Date Rec'd in Lab: 4/25/07ALPHA Job #: LO 7058-71

Report Information - Data Deliverables

☐ FAX
☒ FAX
 Criteria Checker: See Pg. 1

(Default based on Regulatory Criteria Indicated)

Other Formats:

☒ EMAIL (standard pdf report)

☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info
 PO #:

Regulatory Requirements/Report Limits

State/Fed

Program

Criteria

ANALYSIS

 TO-14A
 TO-15
 TO-15 SIM
 APH
 DISSOLVED GASES
 FIXED GASES
 TO-13A
 TO-15 SULFIDES/MERCAPTANS
 DISS GASES CO2 ONLY
 TO-4/TO-10

Sample Comments (i.e. PID)

 Site Specific
 Comments only:

PC

TCE

E-OC

C-OC

U-OC

C-OC

U-OC

C-OC

U-OC

C-OC

U-OC

C-OC

U-OC

C-OC

U-OC

C-OC

U-OC

C-OC

U-OC

C-OC

U-OC

C-OC

Shaded Gray Areas For Lab Use Only

Relinquished By:

Date/Time

Received By:

Date/Time

Container Type

Date/Time

Date/Time

Date/Time

Date/Time

Alpha Woods Hole Labs 6L Canister Log

CCP #	Can ID #	Date Cleaned	Pres. prior to delivery, in. Hg	Bottle Order #	Date Delivered	Client	Date Received	Lab ID #	Pressure upon receipt
1	758	4/18/07	-29.2	33947	4/19/07	ESPM	4/24/07	5871.15	-29
2	759		-29.2					↑ .13	-1.6
3	760		-29.2					.9	-2.7
4	761		-29.2					.16	-4.3
5	762		-29.2					.12	-1.9
6	763		-29.2					.2	-1.5
7	920		-29.2					.4	-4.1
8	919		-29.2					.14	-2.7
9	764		-29.2					.10	-2.3
10	788		-29.2					.17	-2.0
11	791		-29.2					.11	-5.0
12	918		-29.2					.3	-6.5
13	765		-29.2					↑ .7	-2.2
14	754	↓	-19.2				Not used	5871. --	-28.8
15									
16									
17									
18									

Canister QC Data

Login #	Can ID	Analysis	Date Approved
LO705389	ALC	TD-15 sim	4/17/07

Can Cleaner #

3

Shelf #

Final Pressure, mTorr:

10

Initials:

BS

Alpha Woods Hole Labs 6L Canister Log

CCP #	Can ID #	Date Cleaned	Pres. prior to delivery, in. Hg	Bottle Order #	Date Delivered	Client	Date Received	Lab ID #	Pressure upon receipt
1	4040	4/2/07	-29.1	33948	4/16/07		4/19/07	5654-02	-29.5
2	7126		-29.1	L	L	L	4/19/07	5335-16	-4.0
3	6869		-29.3	33919	4/10/07	ERM	4/24/07	5871.5	-3.3
4	4057		-29.3					L .1	-20
5	4038		-29.3					5871.6	-3.9
6	4041		-29.3					L .8	-3.3
7	4002		-28.5	33948	4/16/07		4/19/07	5335-11	-14
8	2998		-29.1				4/19/07	5335-13	-29.3
9	7272		-29.1				4/19/07	5335-12	-1.4
10									
11									
12									
13									
14									
15									
16									
17									
18									

Canister QC Data			
Login #	Can ID	Analysis	Date Approved
10704461-1	7126	10-15	4/19/07
1	7126	ATM	4/10/07

Can Cleaner #

3

Shelf #

B

Final Pressure, mTorr:

10

Initials:

B



ANALYTICAL REPORT

Lab Number: L0710754

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Mike Ravella

Project Name: ENERGIZER

Project Number: 0066698

Report Date: 08/13/07

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

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: 0066698

Lab Number: L0710754
Report Date: 08/13/07

Alpha Sample ID	Client ID	Sample Location
L0710754-01	ASG-32-20070726-01	BENNINGTON, VT
L0710754-02	ASG-33-20070726-01	BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 0066698

Lab Number: L0710754
Report Date: 08/13/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

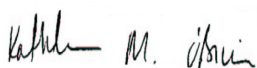
TO14

L0710754-01 required re-analysis on dilution in order to quantitate the sample within the range of the calibration. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the range of the calibration.

L0710754-03 was re-analyzed multiple times on dilution in order to quantitate the sample within the range of the calibration. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the range of the calibration. The results of the third re-analysis are reported.

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:



Title: Technical Director/Representative

Date: 08/13/07

AIR

Project Name: ENERGIZER**Lab Number:** L0710754**Project Number:** 0066698**Report Date:** 08/13/07**SAMPLE RESULTS**

Lab ID: L0710754-01
Client ID: ASG-32-20070726-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Anaytical Method: 48,TO-14A
Analytical Date: 08/09/07 08:47
Analyst: RY

Date Collected: 07/26/07 15:16
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	>50	0.5	>339	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	30.3	0.500	162	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER**Lab Number:** L0710754**Project Number:** 0066698**Report Date:** 08/13/07**SAMPLE RESULTS**

Lab ID: L0710754-01 R
Client ID: ASG-32-20070726-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Anaytical Method: 48,TO-14A
Analytical Date: 08/09/07 22:00
Analyst: RY

Date Collected: 07/26/07 15:16
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Tetrachloroethene	49.0	2.00	332	13.6		4



Project Name: ENERGIZER**Lab Number:** L0710754**Project Number:** 0066698**Report Date:** 08/13/07**SAMPLE RESULTS**

Lab ID: L0710754-02
Client ID: ASG-33-20070726-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Anaytical Method: 48,TO-14A
Analytical Date: 08/09/07 09:30
Analyst: RY

Date Collected: 07/26/07 15:25
Date Received: 07/27/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	0.959	0.500	3.80	1.98		1
Tetrachloroethene	>50	0.5	>339	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	20.2	0.500	109	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER

Lab Number: L0710754

Project Number: 0066698

Report Date: 08/13/07

SAMPLE RESULTS

Lab ID: L0710754-02 R3
 Client ID: ASG-33-20070726-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-14A
 Analytical Date: 08/10/07 10:31
 Analyst: RY

Date Collected: 07/26/07 15:25
 Date Received: 07/27/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Tetrachloroethene	817	20.0	5530	136		40

Project Name: ENERGIZER

Lab Number: L0710754

Project Number: 0066698

Report Date: 08/13/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-14A

Analytical Date: 08/09/07 21:00

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air for sample(s): 01-02 Batch: WG290280-2						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	ND	0.500	ND	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: ENERGIZER

Lab Number: L0710754

Project Number: 0066698

Report Date: 08/13/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-14A

Analytical Date: 08/08/07 20:16

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air for sample(s): 01-02 Batch: WG290280-5						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	ND	0.500	ND	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0066698

Lab Number: L0710754

Report Date: 08/13/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 Batch: WG290280-1					
1,1,1-Trichloroethane	118	-	70-130	-	
1,1,2,2-Tetrachloroethane	76	-	70-130	-	
1,1,2-Trichloroethane	101	-	70-130	-	
1,1-Dichloroethane	109	-	70-130	-	
1,1-Dichloroethene	91	-	70-130	-	
1,2,4-Trichlorobenzene	52	-	70-130	-	
1,2,4-Trimethylbenzene	99	-	70-130	-	
1,2-Dibromoethane	100	-	70-130	-	
1,2-Dichlorobenzene	79	-	70-130	-	
1,2-Dichloroethane	117	-	70-130	-	
1,2-Dichloropropane	105	-	70-130	-	
1,3,5-Trimethylbenzene	100	-	70-130	-	
1,3-Dichlorobenzene	84	-	70-130	-	
1,4-Dichlorobenzene	81	-	70-130	-	
Benzene	104	-	70-130	-	
Benzyl chloride	125	-	70-130	-	
Bromomethane	91	-	70-130	-	
Carbon tetrachloride	108	-	70-130	-	
Chlorobenzene	100	-	70-130	-	
Chloroethane	94	-	70-130	-	
Chloroform	118	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0066698

Lab Number: L0710754

Report Date: 08/13/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 Batch: WG290280-1					
Chloromethane	92	-	70-130	-	
cis-1,2-Dichloroethene	109	-	70-130	-	
cis-1,3-Dichloropropene	111	-	70-130	-	
Dichlorodifluoromethane	102	-	70-130	-	
Ethylbenzene	108	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	99	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	94	-	70-130	-	
Hexachlorobutadiene	69	-	70-130	-	
Methylene chloride	86	-	70-130	-	
p/m-Xylene	110	-	70-130	-	
o-Xylene	108	-	70-130	-	
Styrene	96	-	70-130	-	
Tetrachloroethene	114	-	70-130	-	
Toluene	111	-	70-130	-	
trans-1,2-Dichloroethene	99	-	70-130	-	
trans-1,3-Dichloropropene	98	-	70-130	-	
Trichloroethene	108	-	70-130	-	
Trichlorofluoromethane	100	-	70-130	-	
Vinyl chloride	91	-	70-130	-	
2,4,4-Trimethyl-2-Pentene	121	-	70-130	-	
2,4,4-Trimethyl-1-Pentene	114	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0066698

Lab Number: L0710754

Report Date: 08/13/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 Batch: WG290280-1					
Naphthalene	109	-	70-130	-	

Volatile Organic Compounds in Air Associated sample(s): 01-02 Batch: WG290280-4					
1,1,1-Trichloroethane	119	-	70-130	-	
1,1,2,2-Tetrachloroethane	70	-	70-130	-	
1,1,2-Trichloroethane	95	-	70-130	-	
1,1-Dichloroethane	110	-	70-130	-	
1,1-Dichloroethene	98	-	70-130	-	
1,2,4-Trichlorobenzene	57	-	70-130	-	
1,2,4-Trimethylbenzene	88	-	70-130	-	
1,2-Dibromoethane	94	-	70-130	-	
1,2-Dichlorobenzene	72	-	70-130	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0066698

Lab Number: L0710754

Report Date: 08/13/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 Batch: WG290280-4					
1,2-Dichloroethane	102	-	70-130	-	
1,2-Dichloropropane	105	-	70-130	-	
1,3,5-Trimethylbenzene	90	-	70-130	-	
1,3-Butadiene	107	-	70-130	-	
1,3-Dichlorobenzene	75	-	70-130	-	
1,4-Dichlorobenzene	72	-	70-130	-	
1,4-Dioxane	25	-	70-130	-	
2,2,4-Trimethylpentane	101	-	70-130	-	
2-Butanone	107	-	70-130	-	
2-Hexanone	103	-	70-130	-	
3-Chloropropene	106	-	70-130	-	
4-Ethyltoluene	104	-	70-130	-	
Acetone	97	-	70-130	-	
Benzene	105	-	70-130	-	
Benzyl chloride	112	-	70-130	-	
Bromodichloromethane	106	-	70-130	-	
Bromoform	120	-	70-130	-	
Bromomethane	99	-	70-130	-	
Carbon disulfide	118	-	70-130	-	
Carbon tetrachloride	109	-	70-130	-	
Chlorobenzene	92	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0066698

Lab Number: L0710754

Report Date: 08/13/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 Batch: WG290280-4					
Chloroethane	102	-	70-130	-	
Chloroform	106	-	70-130	-	
Chloromethane	96	-	70-130	-	
cis-1,2-Dichloroethene	104	-	70-130	-	
cis-1,3-Dichloropropene	105	-	70-130	-	
Cyclohexane	103	-	70-130	-	
Dibromochloromethane	113	-	70-130	-	
Dichlorodifluoromethane	92	-	70-130	-	
Ethyl Alcohol	52	-	70-130	-	
Ethyl Acetate	117	-	70-130	-	
Ethylbenzene	99	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	90	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	96	-	70-130	-	
Hexachlorobutadiene	75	-	70-130	-	
iso-Propyl Alcohol	68	-	70-130	-	
Methylene chloride	96	-	70-130	-	
4-Methyl-2-pentanone	117	-	70-130	-	
Methyl tert butyl ether	102	-	70-130	-	
p/m-Xylene	100	-	70-130	-	
o-Xylene	96	-	70-130	-	
n-Hexane	95	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0066698

Lab Number: L0710754

Report Date: 08/13/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 Batch: WG290280-4					
Propylene	97	-	70-130	-	
Styrene	87	-	70-130	-	
Tetrachloroethene	104	-	70-130	-	
Tetrahydrofuran	84	-	70-130	-	
Toluene	104	-	70-130	-	
trans-1,2-Dichloroethene	102	-	70-130	-	
trans-1,3-Dichloropropene	89	-	70-130	-	
Trichloroethene	103	-	70-130	-	
Trichlorofluoromethane	99	-	70-130	-	
Vinyl acetate	97	-	70-130	-	
Vinyl bromide	126	-	70-130	-	
Vinyl chloride	97	-	70-130	-	
2,4,4-Trimethyl-2-Pentene	130	-	70-130	-	
2,4,4-Trimethyl-1-Pentene	126	-	70-130	-	
1,2,3-Trichloropropane	106	-	70-130	-	
Naphthalene	117	-	70-130	-	
1,2,3-Trichlorobenzene	140	-	70-130	-	

Project Name: ENERGIZER

Project Number: 0066698

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L0710754

Report Date: 08/13/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 QC Batch ID: WG290280-3 QC Sample: L0711237-03 Client ID: DUP Sample					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	28.6	29.2	ppbV	2	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	4.50	4.84	ppbV	7	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ENERGIZER**Lab Number:** L0710754**Project Number:** 0066698**Report Date:** 08/13/07**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information**Cooler****Custody Seal**

NA

Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0710754-01A	Canister - 6 Liter	NA	NA	NA	NA	Present/Intact	TO-14
L0710754-02A	Canister - 6 Liter	NA	NA	NA	NA	Present/Intact	TO-14

Project Name: ENERGIZER
Project Number: 0066698

Lab Number: L0710754
Report Date: 08/13/07

GLOSSARY

Acronyms

- 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.
- 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.
- NI - Not Ignitable.
- 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.
- ND - Not detected at the reported detection limit for the sample.
- RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
- 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

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.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Project Name: ENERGIZER**Lab Number:** L0710754**Project Number:** 0066698**Report Date:** 08/13/07

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.





CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 1

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: EPM

Address: 399 Boylston St

Boston MA 02038

Phone: 617-645-6248

Fax:

Email: Mike.Ravella@ern.com

☐ These samples have been previously analyzed by Alpha

 Project Name: Eanyizer
 Project Location: Bennington VT
 Project #: 006698
 Project Manager: Mike Ravella
 ALPHA Quote #: Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
 TO-15: 10 DAYS
 Date Due: 8/10/07 Time:

Other Project Specific Requirements/Comments:

Site Specific Compounds

TEC, PCE cis-trans DCE, VC

Date Rec'd in Lab: 7/27/07

Report Information - Data Deliverables

☐ FAX
☐ ADEX

 Criteria Checker:
 (Default based on Regulatory Criteria Indicated)

Other Formats:

☒ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

Mike.Ravella@ern.com

Eric.Moore@ern.com

ALPHA Job #: 10710754

Billing Information

☐ Same as Client info
 PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

 TO-14A
 TO-15
 TO-15 SIM
 APH
 DISSOLVED GASES
 FIXED GASES
 TO-13A
 TO-15 SULFIDES/MERCAPTANS
 DISS GASES CO2 ONLY
 TO-4/TO-10

ALPHA Lab ID (Lab Use Only)

Sample ID

Collection

Date Start Time End Time

Sample Matrix

Sampler's Initials

ID Can

ID-Flow Controller

 TO-14A
 TO-15
 TO-15 SIM
 APH
 DISSOLVED GASES
 FIXED GASES
 TO-13A
 TO-15 SULFIDES/MERCAPTANS
 DISS GASES CO2 ONLY
 TO-4/TO-10

Sample Comments (i.e. PID)

10754-01 ASG-32-20070726-01

26 July 2007

1316 1516 SV

TUN

06706

FC0276

+

-02 ASG-33-20070726-01

11

1325 1525 SV

TUN

CAG928

FC191

+

Shaded Gray Areas For Lab Use Only

Container Type

Relinquished By:

Date/Time

Received By:

Date/Time:

M. Ravella

8/17/07 15:45

Felix T. Wang

7/27/07 10:00

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. See reverse side.



ANALYTICAL REPORT

Lab Number: L0715608

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Alicia Kabir

Project Name: ENERGIZER

Project Number: 0072122

Report Date: 10/23/07

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: ENERGIZER
Project Number: 0072122

Lab Number: L0715608
Report Date: 10/23/07

Alpha Sample ID	Client ID	Sample Location
L0715608-01	ASG-32-20071017-01	BENNINGTON, VT
L0715608-02	ASG-33-20071017-01	BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 0072122

Lab Number: L0715608
Report Date: 10/23/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

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:



Title: Technical Director/Representative

Date: 10/23/07

AIR

Project Name: ENERGIZER**Lab Number:** L0715608**Project Number:** 0072122**Report Date:** 10/23/07**SAMPLE RESULTS**

Lab ID: L0715608-01
Client ID: ASG-32-20071017-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/19/07 14:29
Analyst: HM

Date Collected: 10/17/07 11:03
Date Received: 10/18/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	6.07	0.500	41.2	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	13.2	0.500	70.8	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER**Lab Number:** L0715608**Project Number:** 0072122**Report Date:** 10/23/07**SAMPLE RESULTS**

Lab ID: L0715608-02
Client ID: ASG-33-20071017-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/19/07 15:37
Analyst: HM

Date Collected: 10/17/07 11:56
Date Received: 10/18/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	88.8	0.500	602	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	12.3	0.500	65.9	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER

Lab Number: L0715608

Project Number: 0072122

Report Date: 10/23/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/19/07 13:27

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air for sample(s): 01-02 Batch: WG299049-3						
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Tetrachloroethene	ND	0.500	ND	3.39		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
Trichloroethene	ND	0.500	ND	2.68		1
Vinyl chloride	ND	0.500	ND	1.28		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0715608

Report Date: 10/23/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 Batch: WG299049-2					
1,1,1-Trichloroethane	89	-	70-130	-	
1,1,2,2-Tetrachloroethane	109	-	70-130	-	
1,1,2-Trichloroethane	99	-	70-130	-	
1,1-Dichloroethane	104	-	70-130	-	
1,1-Dichloroethene	100	-	70-130	-	
1,2,4-Trichlorobenzene	89	-	70-130	-	
1,2,4-Trimethylbenzene	105	-	70-130	-	
1,2-Dibromoethane	111	-	70-130	-	
1,2-Dichlorobenzene	106	-	70-130	-	
1,2-Dichloroethane	92	-	70-130	-	
1,2-Dichloropropane	96	-	70-130	-	
1,3,5-Trimethylbenzene	107	-	70-130	-	
1,3-Butadiene	103	-	70-130	-	
1,3-Dichlorobenzene	108	-	70-130	-	
1,4-Dichlorobenzene	107	-	70-130	-	
1,4-Dioxane	98	-	70-130	-	
2,2,4-Trimethylpentane	90	-	70-130	-	
2-Butanone	98	-	70-130	-	
2-Hexanone	98	-	70-130	-	
3-Chloropropene	97	-	70-130	-	
4-Ethyltoluene	107	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0715608

Report Date: 10/23/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 Batch: WG299049-2					
Acetone	97	-	70-130	-	
Benzene	96	-	70-130	-	
Benzyl chloride	103	-	70-130	-	
Bromodichloromethane	96	-	70-130	-	
Bromoform	113	-	70-130	-	
Bromomethane	108	-	70-130	-	
Carbon disulfide	104	-	70-130	-	
Carbon tetrachloride	87	-	70-130	-	
Chlorobenzene	105	-	70-130	-	
Chloroethane	110	-	70-130	-	
Chloroform	99	-	70-130	-	
Chloromethane	111	-	70-130	-	
cis-1,2-Dichloroethene	100	-	70-130	-	
cis-1,3-Dichloropropene	103	-	70-130	-	
Cyclohexane	103	-	70-130	-	
Dibromochloromethane	110	-	70-130	-	
Dichlorodifluoromethane	98	-	70-130	-	
Ethyl Alcohol	94	-	70-130	-	
Ethyl Acetate	101	-	70-130	-	
Ethylbenzene	107	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	102	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0715608

Report Date: 10/23/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 Batch: WG299049-2					
1,2-Dichloro-1,1,2,2-tetrafluoroethane	104	-	70-130	-	
Hexachlorobutadiene	86	-	70-130	-	
iso-Propyl Alcohol	121	-	70-130	-	
Methylene chloride	137	-	70-130	-	
4-Methyl-2-pentanone	92	-	70-130	-	
Methyl tert butyl ether	102	-	70-130	-	
p/m-Xylene	108	-	70-130	-	
o-Xylene	106	-	70-130	-	
Heptane	91	-	70-130	-	
n-Hexane	103	-	70-130	-	
Propylene	92	-	70-130	-	
Styrene	110	-	70-130	-	
Tetrachloroethene	105	-	70-130	-	
Tetrahydrofuran	102	-	70-130	-	
Toluene	107	-	70-130	-	
trans-1,2-Dichloroethene	102	-	70-130	-	
trans-1,3-Dichloropropene	94	-	70-130	-	
Trichloroethene	102	-	70-130	-	
Trichlorofluoromethane	96	-	70-130	-	
Vinyl acetate	98	-	70-130	-	
Vinyl bromide	105	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0715608

Report Date: 10/23/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 Batch: WG299049-2					
Vinyl chloride	110	-	70-130	-	
Naphthalene	88	-	70-130	-	
Propane	85	-	70-130	-	
Acrylonitrile	99	-	70-130	-	
Acrolein	54	-	70-130	-	
1,1,1,2-Tetrachloroethane	100	-	70-130	-	
Isopropylbenzene	103	-	70-130	-	
1,2,3-Trichloropropane	102	-	70-130	-	
Acetonitrile	100	-	70-130	-	
Bromobenzene	104	-	70-130	-	
Chlorodifluoromethane	90	-	70-130	-	
Dichlorofluoromethane	101	-	70-130	-	
Dibromomethane	89	-	70-130	-	
Pentane	99	-	70-130	-	
Octane	105	-	70-130	-	
Tertiary-Amyl Methyl Ether	94	-	70-130	-	
o-Chlorotoluene	98	-	70-130	-	
p-Chlorotoluene	113	-	70-130	-	
2,2-Dichloropropane	86	-	70-130	-	
1,1-Dichloropropene	94	-	70-130	-	
Isopropyl Ether	96	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0715608

Report Date: 10/23/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 Batch: WG299049-2					
Ethyl-Tert-Butyl-Ether	96	-	70-130	-	
1,2,3-Trichlorobenzene	87	-	70-130	-	
Ethyl ether	100	-	70-130	-	
n-Butylbenzene	101	-	70-130	-	
sec-Butylbenzene	104	-	70-130	-	
tert-Butylbenzene	104	-	70-130	-	
1,2-Dibromo-3-chloropropane	98	-	70-130	-	
p-Isopropyltoluene	96	-	70-130	-	
n-Propylbenzene	98	-	70-130	-	
1,3-Dichloropropane	105	-	70-130	-	
Methanol	87	-	70-130	-	
Butane	101	-	70-130	-	
Nonane (C9)	97	-	70-130	-	
Decane (C10)	104	-	70-130	-	
Undecane	77	-	70-130	-	
Dodecane (C12)	85	-	70-130	-	
Butyl Acetate	107	-	70-130	-	
2,4,4-Trimethyl-2-Pentene	39	-	70-130	-	

Lab Duplicate Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0715608

Report Date: 10/23/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-02 QC Batch ID: WG299049-4 QC Sample: L0715613-01 Client ID: DUP Sample					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	>100	>100	ppbV	NC	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
Vinyl chloride	ND	ND	ppbV	NC	25
Volatile Organic Compounds in Air Associated sample(s): 01-02 QC Batch ID: WG299049-4 QC Sample: L0715613-01 Client ID: DUP Sample					
Tetrachloroethene	117	129	ppbV	10	25

Project Name: ENERGIZER**Lab Number:** L0715608**Project Number:** 0072122**Report Date:** 10/23/07**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0715608-01A	Canister - 6 Liter	NA	NA		NA	Absent	TO-15
L0715608-02A	Canister - 6 Liter	NA	NA		NA	Absent	TO-15

Project Name: ENERGIZER
Project Number: 0072122

Lab Number: L0715608
Report Date: 10/23/07

GLOSSARY

Acronyms

- 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.
- LCS D - Laboratory Control Sample Duplicate: Refer to LCS.
- 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.
- MS D - Matrix Spike Sample Duplicate: Refer to MS.
- NA - Not Applicable.
- NI - Not Ignitable.
- 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.
- ND - Not detected at the reported detection limit for the sample.
- RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

- 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.
- E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

- H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Report Format: Not Specified



Project Name: ENERGIZER**Lab Number:** L0715608**Project Number:** 0072122**Report Date:** 10/23/07

REFERENCES

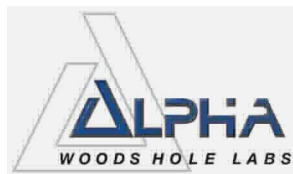
- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.





ANALYTICAL REPORT

Lab Number: L0717202

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Alicia Kabir

Project Name: ENERGIZER

Project Number: 0072122

Report Date: 11/29/07

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: ENERGIZER
Project Number: 0072122

Lab Number: L0717202
Report Date: 11/29/07

Alpha Sample ID	Client ID	Sample Location
L0717202-01	SVE-INF-20071113-01	BENNINGTON, VT
L0717202-02	SVE-MID-20071113-01	BENNINGTON, VT
L0717202-03	SVE-EFF-20071113-01	BENNINGTON, VT
L0717202-04	OAA-106-20071113-01	BENNINGTON, VT
L0717202-05	ASG-32-20071114-01	BENNINGTON, VT
L0717202-06	ASG-33-20071114-01	BENNINGTON, VT
L0717202-07	OAA-105-20071113-01	BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 0072122

Lab Number: L0717202
Report Date: 11/29/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Report Submission

This report replaces the report issued on November 29, 2007. The compound list reported on L0717202-04 through -07 has been modified per client request.

TO15

L0717202-01 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Isopropyl alcohol is present in the WG303310-3 method blank. All associated samples are non-detect for this compound.

The WG303310-2 LCS % recoveries for Vinyl bromide, 1,4-Dioxane, and Bromoform are above method acceptance criteria. The LCS was within overall method allowances and therefore the analysis proceeded.

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:



Title: Technical Director/Representative

Date: 11/29/07

AIR

Project Name: ENERGIZER

Lab Number: L0717202

Project Number: 0072122

Report Date: 11/29/07

SAMPLE RESULTS

Lab ID: L0717202-01
 Client ID: SVE-INF-20071113-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 11/21/07 19:13
 Analyst: AP

Date Collected: 11/13/07 13:45
 Date Received: 11/15/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	5.00	ND	27.2		10
1,1,2,2-Tetrachloroethane	ND	5.00	ND	34.3		10
1,1,2-Trichloroethane	ND	5.00	ND	27.2		10
1,1-Dichloroethane	ND	5.00	ND	20.2		10
1,1-Dichloroethene	ND	5.00	ND	19.8		10
1,2,4-Trichlorbenzene	ND	5.00	ND	37.1		10
1,2,4-Trimethylbenzene	ND	5.00	ND	24.6		10
1,2-Dibromoethane	ND	5.00	ND	38.4		10
1,2-Dichlorobenzene	ND	5.00	ND	30.0		10
1,2-Dichloroethane	ND	5.00	ND	20.2		10
1,2-Dichloropropane	ND	5.00	ND	23.1		10
1,3,5-Trimethybenzene	ND	5.00	ND	24.6		10
1,3-Butadiene	ND	5.00	ND	11.0		10
1,3-Dichlorobenzene	ND	5.00	ND	30.0		10
1,4-Dichlorobenzene	ND	5.00	ND	30.0		10
1,4-Dioxane	ND	10.0	ND	36.0		10
2,2,4-Trimethylpentane	ND	5.00	ND	23.3		10
2-Butanone	16.3	5.00	48.1	14.7		10
2-Hexanone	ND	5.00	ND	20.5		10
3-Chloropropene	ND	5.00	ND	15.6		10
4-Ethyltoluene	ND	5.00	ND	24.6		10
Acetone	ND	20.0	ND	47.5		10
Benzene	ND	5.00	ND	16.0		10
Benzyl chloride	ND	5.00	ND	25.9		10
Bromodichloromethane	ND	5.00	ND	33.5		10



Project Name: ENERGIZER**Lab Number:** L0717202**Project Number:** 0072122**Report Date:** 11/29/07**SAMPLE RESULTS**

Lab ID: L0717202-01

Date Collected: 11/13/07 13:45

Client ID: SVE-INF-20071113-01

Date Received: 11/15/07

Sample Location: BENNINGTON, VT

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Bromoform	ND	5.00	ND	51.6		10
Bromomethane	ND	5.00	ND	19.4		10
Carbon disulfide	ND	5.00	ND	15.6		10
Carbon tetrachloride	ND	5.00	ND	31.4		10
Chlorobenzene	ND	5.00	ND	23.0		10
Chloroethane	ND	5.00	ND	13.2		10
Chloroform	ND	5.00	ND	24.4		10
Chloromethane	ND	5.00	ND	10.3		10
cis-1,2-Dichloroethene	ND	5.00	ND	19.8		10
cis-1,3-Dichloropropene	ND	5.00	ND	22.7		10
Cyclohexane	ND	5.00	ND	17.2		10
Dibromochloromethane	ND	5.00	ND	42.6		10
Dichlorodifluoromethane	ND	10.0	ND	49.4		10
Ethanol	ND	20.0	ND	37.6		10
Ethyl Acetate	ND	5.00	ND	18.0		10
Ethylbenzene	ND	5.00	ND	21.7		10
Freon-113	ND	5.00	ND	38.3		10
Freon-114	ND	5.00	ND	34.9		10
Hexachlorobutadiene	ND	5.00	ND	53.3		10
Isopropanol	ND	5.00	ND	12.3		10
Methylene chloride	ND	10.0	ND	34.7		10
4-Methyl-2-pentanone	ND	5.00	ND	20.5		10
Methyl tert butyl ether	ND	5.00	ND	18.0		10
p/m-Xylene	ND	10.0	ND	43.4		10
o-Xylene	ND	5.00	ND	21.7		10
Heptane	ND	5.00	ND	20.5		10
n-Hexane	ND	10.0	ND	35.2		10
Propylene	ND	10.0	ND	17.2		10



Project Name: ENERGIZER

Lab Number: L0717202

Project Number: 0072122

Report Date: 11/29/07

SAMPLE RESULTS

Lab ID: L0717202-01

Date Collected: 11/13/07 13:45

Client ID: SVE-INF-20071113-01

Date Received: 11/15/07

Sample Location: BENNINGTON, VT

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Styrene	ND	5.00	ND	21.3		10
Tetrachloroethene	96.9	5.00	657	33.9		10
Tetrahydrofuran	10.2	5.00	30.2	14.7		10
Toluene	6.60	5.00	24.8	18.8		10
trans-1,2-Dichloroethene	ND	5.00	ND	19.8		10
trans-1,3-Dichloropropene	ND	5.00	ND	22.7		10
Trichloroethene	29.2	5.00	157	26.8		10
Trichlorofluoromethane	ND	5.00	ND	28.1		10
Vinyl acetate	ND	5.00	ND	17.6		10
Vinyl bromide	ND	5.00	ND	21.8		10
Vinyl chloride	ND	5.00	ND	12.8		10

Project Name: ENERGIZER

Lab Number: L0717202

Project Number: 0072122

Report Date: 11/29/07

SAMPLE RESULTS

Lab ID: L0717202-02
 Client ID: SVE-MID-20071113-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 11/21/07 19:50
 Analyst: AP

Date Collected: 11/13/07 13:50
 Date Received: 11/15/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	2.99	0.500	8.82	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	2.83	2.00	6.71	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1



Project Name: ENERGIZER**Lab Number:** L0717202**Project Number:** 0072122**Report Date:** 11/29/07**SAMPLE RESULTS**

Lab ID: L0717202-02

Date Collected: 11/13/07 13:50

Client ID: SVE-MID-20071113-01

Date Received: 11/15/07

Sample Location: BENNINGTON, VT

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1



Project Name: ENERGIZER**Lab Number:** L0717202**Project Number:** 0072122**Report Date:** 11/29/07**SAMPLE RESULTS**

Lab ID: L0717202-02

Date Collected: 11/13/07 13:50

Client ID: SVE-MID-20071113-01

Date Received: 11/15/07

Sample Location: BENNINGTON, VT

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	0.542	0.500	1.60	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1



Project Name: ENERGIZER

Lab Number: L0717202

Project Number: 0072122

Report Date: 11/29/07

SAMPLE RESULTS

Lab ID: L0717202-03
 Client ID: SVE-EFF-20071113-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 11/21/07 20:27
 Analyst: AP

Date Collected: 11/13/07 13:55
 Date Received: 11/15/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	7.57	0.500	22.3	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	2.73	2.00	6.49	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1



Project Name: ENERGIZER**Lab Number:** L0717202**Project Number:** 0072122**Report Date:** 11/29/07**SAMPLE RESULTS**

Lab ID: L0717202-03

Date Collected: 11/13/07 13:55

Client ID: SVE-EFF-20071113-01

Date Received: 11/15/07

Sample Location: BENNINGTON, VT

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	1.11	1.00	3.85	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1



Project Name: ENERGIZER

Lab Number: L0717202

Project Number: 0072122

Report Date: 11/29/07

SAMPLE RESULTS

Lab ID: L0717202-03

Date Collected: 11/13/07 13:55

Client ID: SVE-EFF-20071113-01

Date Received: 11/15/07

Sample Location: BENNINGTON, VT

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	2.62	0.500	7.74	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: ENERGIZER**Lab Number:** L0717202**Project Number:** 0072122**Report Date:** 11/29/07**SAMPLE RESULTS**

Lab ID: L0717202-04
Client ID: OAA-106-20071113-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/28/07 19:33
Analyst: HM

Date Collected: 11/14/07 08:50
Date Received: 11/15/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.052	0.020	0.352	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.200	0.020	1.07	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0717202**Project Number:** 0072122**Report Date:** 11/29/07**SAMPLE RESULTS**

Lab ID: L0717202-05
Client ID: ASG-32-20071114-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/28/07 20:10
Analyst: HM

Date Collected: 11/14/07 10:05
Date Received: 11/15/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	3.57	0.020	24.2	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.342	0.020	1.84	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0717202**Project Number:** 0072122**Report Date:** 11/29/07**SAMPLE RESULTS**

Lab ID: L0717202-06
Client ID: ASG-33-20071114-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/28/07 20:48
Analyst: HM

Date Collected: 11/14/07 10:10
Date Received: 11/15/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	10.8	0.020	73.4	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.502	0.020	2.69	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0717202**Project Number:** 0072122**Report Date:** 11/29/07**SAMPLE RESULTS**

Lab ID: L0717202-07
Client ID: OAA-105-20071113-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/28/07 21:27
Analyst: HM

Date Collected: 11/14/07 12:45
Date Received: 11/15/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.051	0.020	0.346	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.283	0.020	1.52	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0717202

Project Number: 0072122

Report Date: 11/29/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 11/21/07 15:00

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air for sample(s): 01-03 Batch: WG303310-3						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorobenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	ND	0.500	ND	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	ND	2.00	ND	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1



Project Name: ENERGIZER

Lab Number: L0717202

Project Number: 0072122

Report Date: 11/29/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 11/21/07 15:00

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air for sample(s): 01-03 Batch: WG303310-3						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	0.507	0.500	1.25	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1



Project Name: ENERGIZER

Lab Number: L0717202

Project Number: 0072122

Report Date: 11/29/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 11/21/07 15:00

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air for sample(s): 01-03 Batch: WG303310-3						
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: ENERGIZER

Lab Number: L0717202

Project Number: 0072122

Report Date: 11/29/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 11/28/07 18:54

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 04-07 Batch: WG303634-3						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	ND	0.020	ND	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0717202

Report Date: 11/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG303310-2					
1,1,1-Trichloroethane	95	-	70-130	-	
1,1,2,2-Tetrachloroethane	110	-	70-130	-	
1,1,2-Trichloroethane	109	-	70-130	-	
1,1-Dichloroethane	123	-	70-130	-	
1,1-Dichloroethene	119	-	70-130	-	
1,2,4-Trichlorobenzene	82	-	70-130	-	
1,2,4-Trimethylbenzene	112	-	70-130	-	
1,2-Dibromoethane	114	-	70-130	-	
1,2-Dichlorobenzene	115	-	70-130	-	
1,2-Dichloroethane	112	-	70-130	-	
1,2-Dichloropropane	108	-	70-130	-	
1,3,5-Trimethylbenzene	113	-	70-130	-	
1,3-Butadiene	118	-	70-130	-	
1,3-Dichlorobenzene	115	-	70-130	-	
1,4-Dichlorobenzene	113	-	70-130	-	
1,4-Dioxane	140	-	70-130	-	
2,2,4-Trimethylpentane	98	-	70-130	-	
2-Butanone	88	-	70-130	-	
2-Hexanone	116	-	70-130	-	
3-Chloropropene	78	-	70-130	-	
4-Ethyltoluene	116	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0717202

Report Date: 11/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG303310-2					
Acetone	84	-	70-130	-	
Benzene	105	-	70-130	-	
Benzyl chloride	103	-	70-130	-	
Bromodichloromethane	114	-	70-130	-	
Bromoform	140	-	70-130	-	
Bromomethane	125	-	70-130	-	
Carbon disulfide	125	-	70-130	-	
Carbon tetrachloride	105	-	70-130	-	
Chlorobenzene	117	-	70-130	-	
Chloroethane	123	-	70-130	-	
Chloroform	125	-	70-130	-	
Chloromethane	104	-	70-130	-	
cis-1,2-Dichloroethene	121	-	70-130	-	
cis-1,3-Dichloropropene	105	-	70-130	-	
Cyclohexane	100	-	70-130	-	
Dibromochloromethane	127	-	70-130	-	
Dichlorodifluoromethane	128	-	70-130	-	
Ethyl Alcohol	95	-	70-130	-	
Ethyl Acetate	100	-	70-130	-	
Ethylbenzene	116	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	124	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0717202

Report Date: 11/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG303310-2					
1,2-Dichloro-1,1,2,2-tetrafluoroethane	130	-	70-130	-	
Hexachlorobutadiene	83	-	70-130	-	
iso-Propyl Alcohol	107	-	70-130	-	
Methylene chloride	99	-	70-130	-	
4-Methyl-2-pentanone	100	-	70-130	-	
Methyl tert butyl ether	118	-	70-130	-	
p/m-Xylene	113	-	70-130	-	
o-Xylene	114	-	70-130	-	
Heptane	87	-	70-130	-	
n-Hexane	97	-	70-130	-	
Propylene	95	-	70-130	-	
Styrene	115	-	70-130	-	
Tetrachloroethene	118	-	70-130	-	
Tetrahydrofuran	74	-	70-130	-	
Toluene	124	-	70-130	-	
trans-1,2-Dichloroethene	118	-	70-130	-	
trans-1,3-Dichloropropene	97	-	70-130	-	
Trichloroethene	107	-	70-130	-	
Trichlorofluoromethane	127	-	70-130	-	
Vinyl acetate	99	-	70-130	-	
Vinyl bromide	131	-	70-130	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0717202

Report Date: 11/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG303310-2					
Vinyl chloride	125	-	70-130	-	
Naphthalene	80	-	70-130	-	
Propane	89	-	70-130	-	
Acrylonitrile	102	-	70-130	-	
Acrolein	52	-	70-130	-	
1,1,1,2-Tetrachloroethane	116	-	70-130	-	
Isopropylbenzene	114	-	70-130	-	
1,2,3-Trichloropropane	113	-	70-130	-	
Acetonitrile	85	-	70-130	-	
Bromobenzene	107	-	70-130	-	
Chlorodifluoromethane	109	-	70-130	-	
Dichlorofluoromethane	119	-	70-130	-	
Dibromomethane	111	-	70-130	-	
Pentane	101	-	70-130	-	
Octane	111	-	70-130	-	
Tertiary-Amyl Methyl Ether	95	-	70-130	-	
o-Chlorotoluene	118	-	70-130	-	
p-Chlorotoluene	117	-	70-130	-	
2,2-Dichloropropane	106	-	70-130	-	
1,1-Dichloropropene	106	-	70-130	-	
Isopropyl Ether	103	-	70-130	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0717202

Report Date: 11/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG303310-2					
Ethyl-Tert-Butyl-Ether	89	-	70-130	-	
1,2,3-Trichlorobenzene	80	-	70-130	-	
Ethyl ether	82	-	70-130	-	
n-Butylbenzene	99	-	70-130	-	
sec-Butylbenzene	113	-	70-130	-	
tert-Butylbenzene	114	-	70-130	-	
1,2-Dibromo-3-chloropropane	102	-	70-130	-	
p-Isopropyltoluene	100	-	70-130	-	
n-Propylbenzene	117	-	70-130	-	
1,3-Dichloropropane	126	-	70-130	-	
Methanol	91	-	70-130	-	
Butane	94	-	70-130	-	
Nonane (C9)	104	-	70-130	-	
Decane (C10)	94	-	70-130	-	
Undecane	80	-	70-130	-	
Dodecane (C12)	99	-	70-130	-	
Butyl Acetate	113	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0717202

Report Date: 11/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 04-07 Batch: WG303634-2					
1,1,1-Trichloroethane	96	-	70-130	-	
1,1,1,2-Tetrachloroethane	105	-	70-130	-	
1,1,2,2-Tetrachloroethane	101	-	70-130	-	
1,1,2-Trichloroethane	107	-	70-130	-	
1,1-Dichloroethane	106	-	70-130	-	
1,1-Dichloroethene	103	-	70-130	-	
1,2,4-Trimethylbenzene	101	-	70-130	-	
1,2-Dibromoethane	108	-	70-130	-	
1,2-Dichlorobenzene	102	-	70-130	-	
1,2-Dichloroethane	102	-	70-130	-	
1,2-Dichloropropane	105	-	70-130	-	
1,3,5-Trimethylbenzene	99	-	70-130	-	
1,3-Butadiene	103	-	70-130	-	
1,3-Dichlorobenzene	105	-	70-130	-	
1,4-Dichlorobenzene	105	-	70-130	-	
Benzene	103	-	70-130	-	
Bromodichloromethane	105	-	70-130	-	
Bromoform	92	-	70-130	-	
Bromomethane	101	-	70-130	-	
Carbon tetrachloride	104	-	70-130	-	
Chlorobenzene	108	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0717202

Report Date: 11/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 04-07 Batch: WG303634-2					
Chloroethane	103	-	70-130	-	
Chloroform	105	-	70-130	-	
Chloromethane	97	-	70-130	-	
cis-1,2-Dichloroethene	105	-	70-130	-	
cis-1,3-Dichloropropene	105	-	70-130	-	
Dibromochloromethane	103	-	70-130	-	
Dichlorodifluoromethane	102	-	70-130	-	
Ethylbenzene	104	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	102	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	106	-	70-130	-	
Methylene chloride	98	-	70-130	-	
Methyl tert butyl ether	92	-	70-130	-	
Naphthalene	105	-	70-130	-	
p/m-Xylene	104	-	70-130	-	
o-Xylene	100	-	70-130	-	
Styrene	109	-	70-130	-	
Tetrachloroethene	109	-	70-130	-	
Toluene	99	-	70-130	-	
trans-1,2-Dichloroethene	102	-	70-130	-	
trans-1,3-Dichloropropene	101	-	70-130	-	
Trichloroethene	107	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0717202

Report Date: 11/29/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 04-07 Batch: WG303634-2					
Trichlorofluoromethane	105	-	70-130	-	
Vinyl chloride	103	-	70-130	-	
Acrylonitrile	103	-	70-130	-	
n-Butylbenzene	90	-	70-130	-	
sec-Butylbenzene	97	-	70-130	-	
Isopropylbenzene	101	-	70-130	-	
p-Isopropyltoluene	84	-	70-130	-	
Acetone	94	-	70-130	-	
2-Butanone	99	-	70-130	-	
4-Methyl-2-pentanone	104	-	70-130	-	

Lab Duplicate Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0717202

Report Date: 11/29/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 QC Batch ID: WG303310-4 QC Sample: L0717202-03 Client ID: SVE-EFF-20071113-01					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,3-Butadiene	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25
2-Butanone	7.57	7.45	ppbV	2	25
2-Hexanone	ND	ND	ppbV	NC	25

Lab Duplicate Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0717202

Report Date: 11/29/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 QC Batch ID: WG303310-4 QC Sample: L0717202-03 Client ID: SVE-EFF-20071113-01					
3-Chloropropene	ND	ND	ppbV	NC	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
Acetone	2.73	2.80	ppbV	3	25
Benzene	ND	ND	ppbV	NC	25
Benzyl chloride	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Bromomethane	ND	ND	ppbV	NC	25
Carbon disulfide	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Chloromethane	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Cyclohexane	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
Dichlorodifluoromethane	ND	ND	ppbV	NC	25

Lab Duplicate Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0717202

Report Date: 11/29/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 QC Batch ID: WG303310-4 QC Sample: L0717202-03 Client ID: SVE-EFF-20071113-01					
Ethanol	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Ethylbenzene	ND	ND	ppbV	NC	25
Freon-113	ND	ND	ppbV	NC	25
Freon-114	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25
Isopropanol	ND	ND	ppbV	NC	25
Methylene chloride	1.11	1.21	ppbV	9	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	ND	ND	ppbV	NC	25
o-Xylene	ND	ND	ppbV	NC	25
Heptane	ND	ND	ppbV	NC	25
n-Hexane	ND	ND	ppbV	NC	25
Propylene	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
Tetrachloroethene	ND	ND	ppbV	NC	25
Tetrahydrofuran	2.62	2.49	ppbV	5	25
Toluene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0717202

Report Date: 11/29/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 QC Batch ID: WG303310-4 QC Sample: L0717202-03 Client ID: SVE-EFF-20071113-01					
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
Trichlorofluoromethane	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
Vinyl bromide	ND	ND	ppbV	NC	25
Vinyl chloride	ND	ND	ppbV	NC	25
Volatile Organic Compounds in Air by SIM Associated sample(s): 04-07 QC Batch ID: WG303634-4 QC Sample: L0717202-07 Client ID: OAA-105-20071113-01					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	0.051	0.053	ppbV	3	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	0.283	0.286	ppbV	1	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ENERGIZER**Lab Number:** L0717202**Project Number:** 0072122**Report Date:** 11/29/07**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0717202-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO-15
L0717202-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO-15
L0717202-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO-15
L0717202-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0717202-05A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0717202-06A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0717202-07A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: ENERGIZER
Project Number: 0072122

Lab Number: L0717202
Report Date: 11/29/07

GLOSSARY

Acronyms

- 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.
- 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.
- NI - Not Ignitable.
- 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.
- ND - Not detected at the reported detection limit for the sample.
- RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

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.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Project Name: ENERGIZER**Lab Number:** L0717202**Project Number:** 0072122**Report Date:** 11/29/07

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.

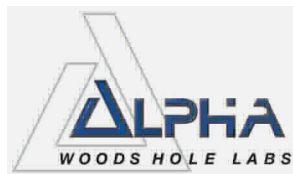


AIRCAN QUERY

Air Canister Query

Aircan Id	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pressure Out	Pressure In	Flow Out	Flow In	Rsd	Certified Products	Transferdate
0012	RECEIVED	38475	L0717202-07	09-NOV-2007	09-NOV-2007				1.6	1.7	6		19-NOV-2007
0101	RECEIVED	38475	L0717202-06	09-NOV-2007	09-NOV-2007				19.5	20.8	6		19-NOV-2007
0130	RECEIVED	38475	L0717202-04	09-NOV-2007	09-NOV-2007				1.7	1.8	6		19-NOV-2007
0249	RECEIVED	38475	L0717202-05	09-NOV-2007	09-NOV-2007				19.6	20.1	3		19-NOV-2007
251	RECEIVED	38475	L0717202-03	09-NOV-2007		L0715004	-30.0	-1.9					19-NOV-2007
339	RECEIVED	38475	L0717202-01	09-NOV-2007		L0715004	-30.0	-5.0					19-NOV-2007
396	RECEIVED	38475	L0717202-02	09-NOV-2007		L0715004	-30.0	-5.3					19-NOV-2007
450	RECEIVED	38475	L0717202-05	09-NOV-2007		L0715004	-30.0	-3.0					19-NOV-2007
476	RECEIVED	38475	L0717202-06	09-NOV-2007		L0715004	-30.0	-3.9					19-NOV-2007
548	RECEIVED	38475	L0717202-07	09-NOV-2007		L0715004	-30.0	-0.8					19-NOV-2007
557	RECEIVED	38475	L0717202-04	09-NOV-2007		L0715004	-30.0	+0.2					19-NOV-2007

Double Click Aircan ID to see its audit trail



ANALYTICAL REPORT

Lab Number: L0718981

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Alicia Kabir

Project Name: ENERGIZER

Project Number: 0072122

Report Date: 12/31/07

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: ENERGIZER
Project Number: 0072122

Lab Number: L0718981
Report Date: 12/31/07

Alpha Sample ID	Client ID	Sample Location
L0718981-01	SVE-INF-20071218-01	BENNINGTON, VT
L0718981-02	SVE-MID-20071218-01	BENNINGTON, VT
L0718981-03	SVE-EFF-20071218-01	BENNINGTON, VT
L0718981-04	ASG-32-20071218-01	BENNINGTON, VT
L0718981-05	ASG-33-20071218-01	BENNINGTON, VT
L0718981-06	OAA-106-20071219-01	BENNINGTON, VT
L0718981-07	OAA-105-20071219-01	BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 0072122

Lab Number: L0718981
Report Date: 12/31/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Report Submission

This report replaces the report issued on December 31, 2007. The client sample identifications on samples L0718981-04 and -05 have been amended per client request.

Volatile Organics in Air

The WG307242 LCS % recoveries for 1,2,4-Trichlorobenzene and Hexachlorobutadiene are outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore analysis proceeded.

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: 

Title: Technical Director/Representative

Date: 12/31/07

AIR

Project Name: ENERGIZER**Lab Number:** L0718981**Project Number:** 0072122**Report Date:** 12/31/07**SAMPLE RESULTS**

Lab ID: L0718981-01
Client ID: SVE-INF-20071218-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Analytical Method: 48,TO-15
Analytical Date: 12/28/07 16:36
Analyst: HM

Date Collected: 12/18/07 12:35
Date Received: 12/21/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorobenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	10.0	0.500	29.6	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	7.40	2.00	17.6	4.75		1
Benzene	0.688	0.500	2.20	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1



Project Name: ENERGIZER**Lab Number:** L0718981**Project Number:** 0072122**Report Date:** 12/31/07**SAMPLE RESULTS**

Lab ID: L0718981-01

Date Collected: 12/18/07 12:35

Client ID: SVE-INF-20071218-01

Date Received: 12/21/07

Sample Location: BENNINGTON, VT

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	2.23	0.500	10.9	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	0.952	0.500	3.77	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	1.16	1.00	4.04	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1



Project Name: ENERGIZER

Lab Number: L0718981

Project Number: 0072122

Report Date: 12/31/07

SAMPLE RESULTS

Lab ID: L0718981-01

Date Collected: 12/18/07 12:35

Client ID: SVE-INF-20071218-01

Date Received: 12/21/07

Sample Location: BENNINGTON, VT

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	50.6	0.500	343	3.39		1
Tetrahydrofuran	7.30	0.500	21.5	1.47		1
Toluene	6.35	0.500	23.9	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	17.2	0.500	92.2	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: ENERGIZER**Lab Number:** L0718981**Project Number:** 0072122**Report Date:** 12/31/07**SAMPLE RESULTS**

Lab ID: L0718981-02
Client ID: SVE-MID-20071218-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Analytical Method: 48,TO-15
Analytical Date: 12/28/07 17:15
Analyst: HM

Date Collected: 12/18/07 12:45
Date Received: 12/21/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorobenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	3.11	0.500	9.17	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	2.97	2.00	7.05	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1



Project Name: ENERGIZER**Lab Number:** L0718981**Project Number:** 0072122**Report Date:** 12/31/07**SAMPLE RESULTS**

Lab ID: L0718981-02

Date Collected: 12/18/07 12:45

Client ID: SVE-MID-20071218-01

Date Received: 12/21/07

Sample Location: BENNINGTON, VT

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	2.37	0.500	11.6	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	0.556	0.500	1.36	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1



Project Name: ENERGIZER

Lab Number: L0718981

Project Number: 0072122

Report Date: 12/31/07

SAMPLE RESULTS

Lab ID: L0718981-02

Date Collected: 12/18/07 12:45

Client ID: SVE-MID-20071218-01

Date Received: 12/21/07

Sample Location: BENNINGTON, VT

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	4.67	0.500	31.6	3.39		1
Tetrahydrofuran	0.520	0.500	1.53	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: ENERGIZER**Lab Number:** L0718981**Project Number:** 0072122**Report Date:** 12/31/07**SAMPLE RESULTS**

Lab ID: L0718981-03
Client ID: SVE-EFF-20071218-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Analytical Method: 48,TO-15
Analytical Date: 12/28/07 18:28
Analyst: HM

Date Collected: 12/18/07 12:50
Date Received: 12/21/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorbenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	2.47	0.500	7.28	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	ND	2.00	ND	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1



Project Name: ENERGIZER**Lab Number:** L0718981**Project Number:** 0072122**Report Date:** 12/31/07**SAMPLE RESULTS**

Lab ID: L0718981-03

Date Collected: 12/18/07 12:50

Client ID: SVE-EFF-20071218-01

Date Received: 12/21/07

Sample Location: BENNINGTON, VT

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1



Project Name: ENERGIZER

Lab Number: L0718981

Project Number: 0072122

Report Date: 12/31/07

SAMPLE RESULTS

Lab ID: L0718981-03

Date Collected: 12/18/07 12:50

Client ID: SVE-EFF-20071218-01

Date Received: 12/21/07

Sample Location: BENNINGTON, VT

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air						
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	0.697	0.500	2.05	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Project Name: ENERGIZER

Lab Number: L0718981

Project Number: 0072122

Report Date: 12/31/07

SAMPLE RESULTS

Lab ID: L0718981-04
 Client ID: ASG-32-20071218-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/27/07 13:59
 Analyst: HM

Date Collected: 12/18/07 16:15
 Date Received: 12/21/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	1.81	0.020	12.3	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.048	0.020	0.256	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0718981

Project Number: 0072122

Report Date: 12/31/07

SAMPLE RESULTS

Lab ID: L0718981-05
 Client ID: ASG-33-20071218-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/27/07 14:36
 Analyst: HM

Date Collected: 12/18/07 16:25
 Date Received: 12/21/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	11.5	0.020	78.3	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.203	0.020	1.09	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0718981

Project Number: 0072122

Report Date: 12/31/07

SAMPLE RESULTS

Lab ID: L0718981-06
 Client ID: OAA-106-20071219-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/27/07 15:13
 Analyst: HM

Date Collected: 12/19/07 13:30
 Date Received: 12/21/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.038	0.020	0.255	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.114	0.020	0.611	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0718981**Project Number:** 0072122**Report Date:** 12/31/07**SAMPLE RESULTS**

Lab ID: L0718981-07
Client ID: OAA-105-20071219-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/27/07 16:06
Analyst: HM

Date Collected: 12/19/07 13:30
Date Received: 12/21/07
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.043	0.020	0.294	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.132	0.020	0.711	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0718981

Project Number: 0072122

Report Date: 12/31/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 12/27/07 12:28

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 04-07 Batch: WG306832-7						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	ND	0.020	ND	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0718981

Project Number: 0072122

Report Date: 12/31/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 12/28/07 15:59

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air for sample(s): 01-03 Batch: WG307242-3						
1,1,1-Trichloroethane	ND	0.500	ND	2.72		1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43		1
1,1,2-Trichloroethane	ND	0.500	ND	2.72		1
1,1-Dichloroethane	ND	0.500	ND	2.02		1
1,1-Dichloroethene	ND	0.500	ND	1.98		1
1,2,4-Trichlorobenzene	ND	0.500	ND	3.71		1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46		1
1,2-Dibromoethane	ND	0.500	ND	3.84		1
1,2-Dichlorobenzene	ND	0.500	ND	3.00		1
1,2-Dichloroethane	ND	0.500	ND	2.02		1
1,2-Dichloropropane	ND	0.500	ND	2.31		1
1,3,5-Trimethybenzene	ND	0.500	ND	2.46		1
1,3-Butadiene	ND	0.500	ND	1.10		1
1,3-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dichlorobenzene	ND	0.500	ND	3.00		1
1,4-Dioxane	ND	1.00	ND	3.60		1
2,2,4-Trimethylpentane	ND	0.500	ND	2.33		1
2-Butanone	ND	0.500	ND	1.47		1
2-Hexanone	ND	0.500	ND	2.05		1
3-Chloropropene	ND	0.500	ND	1.56		1
4-Ethyltoluene	ND	0.500	ND	2.46		1
Acetone	ND	2.00	ND	4.75		1
Benzene	ND	0.500	ND	1.60		1
Benzyl chloride	ND	0.500	ND	2.59		1
Bromodichloromethane	ND	0.500	ND	3.35		1



Project Name: ENERGIZER

Lab Number: L0718981

Project Number: 0072122

Report Date: 12/31/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 12/28/07 15:59

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air for sample(s): 01-03 Batch: WG307242-3						
Bromoform	ND	0.500	ND	5.16		1
Bromomethane	ND	0.500	ND	1.94		1
Carbon disulfide	ND	0.500	ND	1.56		1
Carbon tetrachloride	ND	0.500	ND	3.14		1
Chlorobenzene	ND	0.500	ND	2.30		1
Chloroethane	ND	0.500	ND	1.32		1
Chloroform	ND	0.500	ND	2.44		1
Chloromethane	ND	0.500	ND	1.03		1
cis-1,2-Dichloroethene	ND	0.500	ND	1.98		1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Cyclohexane	ND	0.500	ND	1.72		1
Dibromochloromethane	ND	0.500	ND	4.26		1
Dichlorodifluoromethane	ND	1.00	ND	4.94		1
Ethanol	ND	2.00	ND	3.76		1
Ethyl Acetate	ND	0.500	ND	1.80		1
Ethylbenzene	ND	0.500	ND	2.17		1
Freon-113	ND	0.500	ND	3.83		1
Freon-114	ND	0.500	ND	3.49		1
Hexachlorobutadiene	ND	0.500	ND	5.33		1
Isopropanol	ND	0.500	ND	1.23		1
Methylene chloride	ND	1.00	ND	3.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1
Methyl tert butyl ether	ND	0.500	ND	1.80		1
p/m-Xylene	ND	1.00	ND	4.34		1
o-Xylene	ND	0.500	ND	2.17		1



Project Name: ENERGIZER

Lab Number: L0718981

Project Number: 0072122

Report Date: 12/31/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 12/28/07 15:59

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air for sample(s): 01-03 Batch: WG307242-3						
Heptane	ND	0.500	ND	2.05		1
n-Hexane	ND	1.00	ND	3.52		1
Propylene	ND	1.00	ND	1.72		1
Styrene	ND	0.500	ND	2.13		1
Tetrachloroethene	ND	0.500	ND	3.39		1
Tetrahydrofuran	ND	0.500	ND	1.47		1
Toluene	ND	0.500	ND	1.88		1
trans-1,2-Dichloroethene	ND	0.500	ND	1.98		1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27		1
Trichloroethene	ND	0.500	ND	2.68		1
Trichlorofluoromethane	ND	0.500	ND	2.81		1
Vinyl acetate	ND	0.500	ND	1.76		1
Vinyl bromide	ND	0.500	ND	2.18		1
Vinyl chloride	ND	0.500	ND	1.28		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0718981

Report Date: 12/31/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 04-07 Batch: WG306832-6					
1,1,1-Trichloroethane	82	-	70-130	-	
1,1,1,2-Tetrachloroethane	84	-	70-130	-	
1,1,2,2-Tetrachloroethane	95	-	70-130	-	
1,1,2-Trichloroethane	83	-	70-130	-	
1,1-Dichloroethane	90	-	70-130	-	
1,1-Dichloroethene	87	-	70-130	-	
1,2,4-Trimethylbenzene	88	-	70-130	-	
1,2-Dibromoethane	88	-	70-130	-	
1,2-Dichlorobenzene	89	-	70-130	-	
1,2-Dichloroethane	78	-	70-130	-	
1,2-Dichloropropane	81	-	70-130	-	
1,3,5-Trimethylbenzene	85	-	70-130	-	
1,3-Butadiene	92	-	70-130	-	
1,3-Dichlorobenzene	86	-	70-130	-	
1,4-Dichlorobenzene	86	-	70-130	-	
Benzene	70	-	70-130	-	
Bromodichloromethane	84	-	70-130	-	
Bromoform	79	-	70-130	-	
Bromomethane	93	-	70-130	-	
Carbon tetrachloride	91	-	70-130	-	
Chlorobenzene	86	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0718981

Report Date: 12/31/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 04-07 Batch: WG306832-6					
Chloroethane	97	-	70-130	-	
Chloroform	89	-	70-130	-	
Chloromethane	89	-	70-130	-	
cis-1,2-Dichloroethene	87	-	70-130	-	
cis-1,3-Dichloropropene	80	-	70-130	-	
Dibromochloromethane	85	-	70-130	-	
Dichlorodifluoromethane	88	-	70-130	-	
Ethylbenzene	82	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	93	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	95	-	70-130	-	
Methylene chloride	90	-	70-130	-	
Methyl tert butyl ether	85	-	70-130	-	
Naphthalene	123	-	70-130	-	
p/m-Xylene	83	-	70-130	-	
o-Xylene	82	-	70-130	-	
Styrene	84	-	70-130	-	
Tetrachloroethene	99	-	70-130	-	
Toluene	78	-	70-130	-	
trans-1,2-Dichloroethene	84	-	70-130	-	
trans-1,3-Dichloropropene	73	-	70-130	-	
Trichloroethene	91	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0718981

Report Date: 12/31/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 04-07 Batch: WG306832-6					
1,2,4-Trichlorobenzene	122	-	70-130	-	
Trichlorofluoromethane	91	-	70-130	-	
Vinyl chloride	93	-	70-130	-	

Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG307242-2					
1,1,1-Trichloroethane	99	-	70-130	-	
1,1,2,2-Tetrachloroethane	126	-	70-130	-	
1,1,2-Trichloroethane	101	-	70-130	-	
1,1-Dichloroethane	114	-	70-130	-	
1,1-Dichloroethene	107	-	70-130	-	
1,2,4-Trichlorobenzene	152	-	70-130	-	
1,2,4-Trimethylbenzene	119	-	70-130	-	
1,2-Dibromoethane	119	-	70-130	-	
1,2-Dichlorobenzene	125	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0718981

Report Date: 12/31/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG307242-2					
1,2-Dichloroethane	108	-	70-130	-	
1,2-Dichloropropane	95	-	70-130	-	
1,3,5-Trimethylbenzene	116	-	70-130	-	
1,3-Butadiene	95	-	70-130	-	
1,3-Dichlorobenzene	123	-	70-130	-	
1,4-Dichlorobenzene	125	-	70-130	-	
1,4-Dioxane	109	-	70-130	-	
2,2,4-Trimethylpentane	91	-	70-130	-	
2-Butanone	103	-	70-130	-	
2-Hexanone	120	-	70-130	-	
3-Chloropropene	97	-	70-130	-	
4-Ethyltoluene	116	-	70-130	-	
Acetone	104	-	70-130	-	
Benzene	96	-	70-130	-	
Benzyl chloride	122	-	70-130	-	
Bromodichloromethane	91	-	70-130	-	
Bromoform	108	-	70-130	-	
Bromomethane	120	-	70-130	-	
Carbon disulfide	115	-	70-130	-	
Carbon tetrachloride	97	-	70-130	-	
Chlorobenzene	118	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0718981

Report Date: 12/31/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG307242-2					
Chloroethane	117	-	70-130	-	
Chloroform	121	-	70-130	-	
Chloromethane	96	-	70-130	-	
cis-1,2-Dichloroethene	114	-	70-130	-	
cis-1,3-Dichloropropene	98	-	70-130	-	
Cyclohexane	84	-	70-130	-	
Dibromochloromethane	111	-	70-130	-	
Dichlorodifluoromethane	114	-	70-130	-	
Ethyl Alcohol	97	-	70-130	-	
Ethyl Acetate	107	-	70-130	-	
Ethylbenzene	112	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	118	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	110	-	70-130	-	
Hexachlorobutadiene	136	-	70-130	-	
iso-Propyl Alcohol	104	-	70-130	-	
Methylene chloride	92	-	70-130	-	
4-Methyl-2-pentanone	96	-	70-130	-	
Methyl tert butyl ether	121	-	70-130	-	
p/m-Xylene	113	-	70-130	-	
o-Xylene	111	-	70-130	-	
Heptane	78	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0718981

Report Date: 12/31/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG307242-2					
n-Hexane	83	-	70-130	-	
Propylene	89	-	70-130	-	
Styrene	115	-	70-130	-	
Tetrachloroethene	122	-	70-130	-	
Tetrahydrofuran	80	-	70-130	-	
Toluene	118	-	70-130	-	
trans-1,2-Dichloroethene	107	-	70-130	-	
trans-1,3-Dichloropropene	92	-	70-130	-	
Trichloroethene	106	-	70-130	-	
Trichlorofluoromethane	114	-	70-130	-	
Vinyl acetate	103	-	70-130	-	
Vinyl bromide	123	-	70-130	-	
Vinyl chloride	110	-	70-130	-	
Naphthalene	150	-	70-130	-	

Lab Duplicate Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0718981

Report Date: 12/31/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 04-07 QC Batch ID: WG306832-4 QC Sample: L0718420-02 Client ID: DUP Sample					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	0.249	0.246	ppbV	1	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	0.022	0.021	ppbV	2	25
Vinyl chloride	ND	ND	ppbV	NC	25

Lab Duplicate Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0718981

Report Date: 12/31/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 QC Batch ID: WG307242-4 QC Sample: L0718981-02 Client ID: SVE-MID-20071218-01					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,3-Butadiene	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25
2-Butanone	3.11	2.91	ppbV	7	25
2-Hexanone	ND	ND	ppbV	NC	25

Lab Duplicate Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0718981

Report Date: 12/31/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 QC Batch ID: WG307242-4 QC Sample: L0718981-02 Client ID: SVE-MID-20071218-01					
3-Chloropropene	ND	ND	ppbV	NC	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
Acetone	2.97	2.72	ppbV	9	25
Benzene	ND	ND	ppbV	NC	25
Benzyl chloride	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Bromomethane	ND	ND	ppbV	NC	25
Carbon disulfide	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	2.37	2.05	ppbV	14	25
Chloromethane	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Cyclohexane	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
Dichlorodifluoromethane	ND	ND	ppbV	NC	25

Lab Duplicate Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0718981

Report Date: 12/31/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 QC Batch ID: WG307242-4 QC Sample: L0718981-02 Client ID: SVE-MID-20071218-01					
Ethanol	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Ethylbenzene	ND	ND	ppbV	NC	25
Freon-113	ND	ND	ppbV	NC	25
Freon-114	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25
Isopropanol	0.556	0.572	ppbV	3	25
Methylene chloride	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	ND	ND	ppbV	NC	25
o-Xylene	ND	ND	ppbV	NC	25
Heptane	ND	ND	ppbV	NC	25
n-Hexane	ND	ND	ppbV	NC	25
Propylene	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
Tetrachloroethene	4.67	4.47	ppbV	4	25
Tetrahydrofuran	0.520	0.592	ppbV	13	25
Toluene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0718981

Report Date: 12/31/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air Associated sample(s): 01-03 QC Batch ID: WG307242-4 QC Sample: L0718981-02 Client ID: SVE-MID-20071218-01					
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
Trichlorofluoromethane	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
Vinyl bromide	ND	ND	ppbV	NC	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ENERGIZER

Lab Number: L0718981

Project Number: 0072122

Report Date: 12/31/07

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information**Cooler** **Custody Seal****Container Information**

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0718981-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO-15
L0718981-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO-15
L0718981-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO-15
L0718981-04A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0718981-05A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0718981-06A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0718981-07A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: ENERGIZER
Project Number: 0072122

Lab Number: L0718981
Report Date: 12/31/07

GLOSSARY

Acronyms

- 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.
- LCS D - Laboratory Control Sample Duplicate: Refer to LCS.
- 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.
- MS D - Matrix Spike Sample Duplicate: Refer to MS.
- NA - Not Applicable.
- NI - Not Ignitable.
- 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.
- ND - Not detected at the reported detection limit for the sample.
- RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

- 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.
- E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

- H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Project Name: ENERGIZER**Lab Number:** L0718981**Project Number:** 0072122**Report Date:** 12/31/07

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.



PAGE _____ OF _____

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Client: **FRM**

Address: 399 Bayshore St

Boston MA 02116

Phone: 617-646-7800

Fax:

Email: See list →

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments

SUE samples - Full List
ASG - Site Spent - vecs

~~SECRET~~

TCF-PCF-C57/BL6J

25

Alvira, Robert E ern.cem
Camillo, Cesar A ern.cem

ANALYSIS

Date Rec'd in Lab:

Report Information - Data Deliverables

FAX

☐ ADEx

Criteria Checker:

(Default based on Regulatory Criteria indicated)

Other Formals:

☐ EMAIL (standard pdf report);

Additional Deliverables:

Report to: (if different than Project Manager)

mikehead.mante@erim.com

Enic. Moore; Emma Con

ALPHA Job #: 70718981

Billing Information

Same as Client info	PO #:
---------------------	-------

PO #

Regulatory Requirements/Report Limits

State/Fed	Program
-----------	---------

Criteria

Phone: 617-646-7860		Fax:		Turn-Around Time		Report to: (if different than Project Manager) mthael.mante@ein.com Eric.Mante, eric.mante												
Email: Sae list →		☒ Standard 5 DAYS ☐ RUSH (only confirmed if pre-approved) TO-13: 10 DAYS		Time:		ANALYSIS												
☐ These samples have been previously analyzed by Alpha		Date Due:																
Other Project Specific Requirements/Comments: SUE samples - Full List ASG- Site Spec - Voc's ASG- Site Spec - Full List TCE- PCE - C's Trans DCE, VC																		
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Start Time End Time		Sample Matrix	Sampler's Initials	ID Can	ID-Flow Controller	TO-14A	TO-15	TO-15 SIM	APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY	TO-4/TO-10	Sample Comments (i.e. PID)
19981.1	SVE-TNF-20071218-01	18 Dec 2007	1235	1235	A	TUN	538	-	X									Full List
2	SVE-MMD-20071218-01	18 Dec 2007	1245	1245	A	JP	347	-	X									Full List
3	SVE-EFF-20071218-01	18 Dec 2007	1250	1250	A	JP	239	-	X									Full List
4	ASG-19-20071218-01	18 Dec 2007	1415	1415	SV	TUN	1617	0015										Site Spec's Voc's
5	ASG-20-20071218-01	18 Dec 2007	1425	1425	SV	TUN	1651	0257										Site Spec's Voc's
6	OAA-106-20071219-01	19 Dec 2007	1340	1330	A	TM	1054	0303										Site
7	OAA-105-20071219-01	19 Dec 2007	1340	1330	A	TM	2800	0406										Site
Signature																		

Shaded Gray Areas For Lab Use Only

Container Type

Relinquished By

Date/Time

17 ~~10.~~ Received By:

Date/Time:

309202

Form No: 01-03 (rev. 16-JUL-07)

AIRCAN QUERY

Air Canister Query

Aircan Id	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pressure Out	Pressure In	Flow Out	Flow In	Rsd	Certified Products	Transferdate
0018	RECEIVED	39202	L0718981-04	17-DEC-2007			42		42	43	2		26-DEC-2007
0251	RECEIVED	39202	L0718981-05	17-DEC-2007			42		42	43	2		26-DEC-2007
0363	RECEIVED	39202	L0718981-06	17-DEC-2007			3.6		3.6	3.7	3		26-DEC-2007
0406	RECEIVED	39202	L0718981-07	17-DEC-2007			3.7		3.7	3.8	3		26-DEC-2007
1617	RECEIVED	39202	L0718981-04	17-DEC-2007		L0716456	-30.2	-5.2					26-DEC-2007
1651	RECEIVED	39202	L0718981-05	17-DEC-2007		L0716456	-30.2	-3.6					26-DEC-2007
1654	RECEIVED	39202	L0718981-06	17-DEC-2007		L0716456	-30.2	-0.6					26-DEC-2007
234	RECEIVED	39202	L0718981-03	17-DEC-2007		L0717706	-30.0	-0.1					26-DEC-2007
347	RECEIVED	39202	L0718981-02	17-DEC-2007		L0717706	-30.1	-5.9					26-DEC-2007
538	RECEIVED	39202	L0718981-01	17-DEC-2007		L0717706	-30.1	-4.5					26-DEC-2007
752	RECEIVED	39202	L0718981-07	17-DEC-2007		L0716456	-30.2	-0.1					26-DEC-2007

Double Click Aircan ID to see its audit trail

Query Save Exit



ANALYTICAL REPORT

Lab Number: L0800302

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Catherine Regan

Project Name: ENERGIZER

Project Number: 0072122

Report Date: 01/16/08

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: ENERGIZER
Project Number: 0072122

Lab Number: L0800302
Report Date: 01/16/08

Alpha Sample ID	Client ID	Sample Location
L0800302-01	FIA-04-20080107-01	BENNINGTON, VT
L0800302-02	OAA-05-20080107-01	BENNINGTON, VT
L0800302-03	BIA-09-20080107-01	BENNINGTON, VT
L0800302-04	FIA-06-20080107-01	BENNINGTON, VT
L0800302-05	FIA-07-20080107-01	BENNINGTON, VT
L0800302-06	BIA-10-20080107-01	BENNINGTON, VT
L0800302-07	OAA-06-20080107-01	BENNINGTON, VT
L0800302-08	FIA-01-20080107-01	BENNINGTON, VT
L0800302-09	BIA-12-20080107-01	BENNINGTON, VT
L0800302-10	DUP-01-20080107-01	BENNINGTON, VT
L0800302-11	FIA-02-20080107-01	BENNINGTON, VT
L0800302-12	FIA-03-20080107-01	BENNINGTON, VT
L0800302-13	FIA-05-20080107-01	BENNINGTON, VT
L0800302-14	BIA-11-20080107-01	BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 0072122

Lab Number: L0800302
Report Date: 01/16/08

Case Narrative

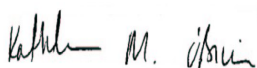
The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Sample Receipt

The analysis of L0800302-01 and -03 was cancelled by the client.

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

Authorized Signature:



Title: Technical Director/Representative

Date: 01/16/08

AIR

Project Name: ENERGIZER**Lab Number:** L0800302**Project Number:** 0072122**Report Date:** 01/16/08**SAMPLE RESULTS**

Lab ID: L0800302-02
Client ID: OAA-05-20080107-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/11/08 17:04
Analyst: RY

Date Collected: 01/08/08 11:00
Date Received: 01/09/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.073	0.020	0.491	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.530	0.020	2.84	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0800302**Project Number:** 0072122**Report Date:** 01/16/08**SAMPLE RESULTS**

Lab ID: L0800302-04
Client ID: FIA-06-20080107-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/11/08 18:55
Analyst: RY

Date Collected: 01/08/08 11:05
Date Received: 01/09/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.560	0.020	3.80	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.446	0.020	2.39	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0800302

Project Number: 0072122

Report Date: 01/16/08

SAMPLE RESULTS

Lab ID: L0800302-05
 Client ID: FIA-07-20080107-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/11/08 19:32
 Analyst: RY

Date Collected: 01/08/08 11:45
 Date Received: 01/09/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.338	0.020	2.29	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.406	0.020	2.18	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0800302**Project Number:** 0072122**Report Date:** 01/16/08**SAMPLE RESULTS**

Lab ID: L0800302-06
Client ID: BIA-10-20080107-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/11/08 20:10
Analyst: RY

Date Collected: 01/08/08 11:50
Date Received: 01/09/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.837	0.020	5.67	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.409	0.020	2.20	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0800302**Project Number:** 0072122**Report Date:** 01/16/08**SAMPLE RESULTS**

Lab ID: L0800302-07
Client ID: OAA-06-20080107-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/11/08 20:47
Analyst: RY

Date Collected: 01/08/08 15:35
Date Received: 01/09/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.045	0.020	0.304	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.399	0.020	2.14	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0800302**Project Number:** 0072122**Report Date:** 01/16/08**SAMPLE RESULTS**

Lab ID: L0800302-08
Client ID: FIA-01-20080107-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/11/08 21:26
Analyst: RY

Date Collected: 01/08/08 17:25
Date Received: 01/09/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.367	0.020	2.48	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.406	0.020	2.18	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0800302**Project Number:** 0072122**Report Date:** 01/16/08**SAMPLE RESULTS**

Lab ID: L0800302-09
Client ID: BIA-12-20080107-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/11/08 22:02
Analyst: RY

Date Collected: 01/08/08 17:27
Date Received: 01/09/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.596	0.020	4.04	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.269	0.020	1.44	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0800302**Project Number:** 0072122**Report Date:** 01/16/08**SAMPLE RESULTS**

Lab ID: L0800302-10
Client ID: DUP-01-20080107-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/11/08 22:39
Analyst: RY

Date Collected: 01/08/08 00:01
Date Received: 01/09/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.325	0.020	2.20	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	10.3	0.020	55.2	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0800302**Project Number:** 0072122**Report Date:** 01/16/08**SAMPLE RESULTS**

Lab ID: L0800302-11
Client ID: FIA-02-20080107-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/11/08 23:16
Analyst: RY

Date Collected: 01/08/08 17:00
Date Received: 01/09/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.141	0.020	0.956	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.150	0.020	0.807	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0800302**Project Number:** 0072122**Report Date:** 01/16/08**SAMPLE RESULTS**

Lab ID: L0800302-12
Client ID: FIA-03-20080107-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/11/08 23:53
Analyst: RY

Date Collected: 01/08/08 16:55
Date Received: 01/09/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.372	0.020	2.52	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.214	0.020	1.15	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0800302**Project Number:** 0072122**Report Date:** 01/16/08**SAMPLE RESULTS**

Lab ID: L0800302-13
Client ID: FIA-05-20080107-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/12/08 00:32
Analyst: RY

Date Collected: 01/08/08 16:15
Date Received: 01/09/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	1.14	0.020	7.75	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.272	0.020	1.46	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0800302**Project Number:** 0072122**Report Date:** 01/16/08**SAMPLE RESULTS**

Lab ID: L0800302-14
Client ID: BIA-11-20080107-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/12/08 01:08
Analyst: RY

Date Collected: 01/08/08 17:01
Date Received: 01/09/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	1.37	0.020	9.31	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.312	0.020	1.68	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0800302

Project Number: 0072122

Report Date: 01/16/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/11/08 15:42

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 02,04-14 Batch: WG308300-3						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	ND	0.020	ND	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0800302

Report Date: 01/16/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 02,04-14 Batch: WG308300-2					
1,1,1-Trichloroethane	114	-	70-130	-	
1,1,1,2-Tetrachloroethane	131	-	70-130	-	
1,1,2,2-Tetrachloroethane	112	-	70-130	-	
1,1,2-Trichloroethane	107	-	70-130	-	
1,1-Dichloroethane	115	-	70-130	-	
1,1-Dichloroethene	106	-	70-130	-	
1,2,4-Trimethylbenzene	128	-	70-130	-	
1,2-Dibromoethane	112	-	70-130	-	
1,2-Dichlorobenzene	121	-	70-130	-	
1,2-Dichloroethane	131	-	70-130	-	
1,2-Dichloropropane	99	-	70-130	-	
1,3,5-Trimethylbenzene	123	-	70-130	-	
1,3-Butadiene	100	-	70-130	-	
1,3-Dichlorobenzene	126	-	70-130	-	
1,4-Dichlorobenzene	124	-	70-130	-	
Benzene	100	-	70-130	-	
Bromodichloromethane	104	-	70-130	-	
Bromoform	114	-	70-130	-	
Bromomethane	109	-	70-130	-	
Carbon tetrachloride	110	-	70-130	-	
Chlorobenzene	113	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0800302

Report Date: 01/16/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 02,04-14 Batch: WG308300-2					
Chloroethane	106	-	70-130	-	
Chloroform	127	-	70-130	-	
Chloromethane	93	-	70-130	-	
cis-1,2-Dichloroethene	112	-	70-130	-	
cis-1,3-Dichloropropene	102	-	70-130	-	
Dibromochloromethane	107	-	70-130	-	
Dichlorodifluoromethane	116	-	70-130	-	
Ethylbenzene	114	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	118	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	115	-	70-130	-	
Methylene chloride	95	-	70-130	-	
Methyl tert butyl ether	118	-	70-130	-	
Naphthalene	85	-	70-130	-	
p/m-Xylene	119	-	70-130	-	
o-Xylene	117	-	70-130	-	
Styrene	122	-	70-130	-	
Tetrachloroethene	111	-	70-130	-	
Toluene	103	-	70-130	-	
trans-1,2-Dichloroethene	96	-	70-130	-	
trans-1,3-Dichloropropene	105	-	70-130	-	
Trichloroethene	106	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0800302

Report Date: 01/16/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 02,04-14 Batch: WG308300-2					
1,2,4-Trichlorobenzene	78	-	70-130	-	
Trichlorofluoromethane	124	-	70-130	-	
Vinyl chloride	103	-	70-130	-	

Project Name: ENERGIZER

Project Number: 0072122

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L0800302

Report Date: 01/16/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 02,04-14 QC Batch ID: WG308300-4 QC Sample: L0800302-02 Client ID: OAA-05-20080107-01					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	0.073	0.074	ppbV	2	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	0.530	0.547	ppbV	3	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ENERGIZER

Project Number: 0072122

Lab Number: L0800302

Report Date: 01/16/08

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0800302-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	CANCELLED
L0800302-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800302-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	CANCELLED
L0800302-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800302-05A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800302-06A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800302-07A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800302-08A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800302-09A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800302-10A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800302-11A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800302-12A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800302-13A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800302-14A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: ENERGIZER
Project Number: 0072122

Lab Number: L0800302
Report Date: 01/16/08

GLOSSARY

Acronyms

- 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.
- LCS D - Laboratory Control Sample Duplicate: Refer to LCS.
- 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.
- MS D - Matrix Spike Sample Duplicate: Refer to MS.
- NA - Not Applicable.
- NI - Not Ignitable.
- 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.
- ND - Not detected at the reported detection limit for the sample.
- RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

- 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.
- E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

- H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Report Format: Not Specified



Project Name: ENERGIZER**Lab Number:** L0800302**Project Number:** 0072122**Report Date:** 01/16/08

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.





CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 2

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERM
Address: 399 BOYLSTON ST, 6TH FLOOR
BOSTON, MA 02116

Phone: (617) 646-7800

Fax:

Email: catherine-regan@erm.com☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: ENERGIZER
Project Location: BENNINGTON, VT.
Project #:
Project Manager: Catherine Regan
ALPHA Quote #:

Turn-Around Time

☐ Standard 5 DAYS
TO-13: 10 DAYS
☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Date Rec'd in Lab:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

ALPHA Job #: L0800302

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

ANALYSIS

Other Project Specific Requirements/Comments: *TO-15 PROJECT SPECIFIC ANALYTE LIST: *
IA = INDOOR AIR
OA = OUTDOOR AIR
-PCE -EDCE -VINYL CHLORIDE
-TCE -EDCE

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection			Sample Matrix	Sampler's Initials	ID Can	ID - Flow Controller	TO-14A	TO-15	TO-15 SIM * APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY	TO-4/TO-10	Sample Comments (i.e. PID)
		Date	Start Time	End Time														
<u>L0800302-1</u>	<u>FIA-04-20080107-01</u>	<u>1/7/08</u> <u>1/8/08</u>	<u>1210</u>	<u>1203</u>	<u>IA</u>	<u>KP/JO</u>	<u>1036</u>	<u>0261</u>	<u>X</u>	<u>X</u>								<u>offurnace exhaust stack tested overnight - Fuel oil fired.</u>
<u>2</u>	<u>OAA-05-20080107-01</u>		<u>1140</u>	<u>1100</u>	<u>OA</u>	<u>KP/JO</u>	<u>978</u>	<u>0282</u>	<u>X</u>	<u>X</u>								
<u>3</u>	<u>BIA-09-20080107-01</u>		<u>1215</u>	<u>1207</u>	<u>IA</u>	<u>KP/JO</u>	<u>704</u>	<u>0089</u>	<u>X</u>	<u>X</u>								<u>* Furnace exhaust tested overnight - Fuel oil fired.</u>
<u>4</u>	<u>FIA-06-20080107-01</u>		<u>1155</u>	<u>1105</u>	<u>IA</u>	<u>KP/JO</u>	<u>636</u>	<u>0356</u>	<u>X</u>	<u>X</u>								
<u>5</u>	<u>FIA-07-20080107-01</u>		<u>1200</u>	<u>1145</u>	<u>IA</u>	<u>KP/JO</u>	<u>601</u>	<u>0374</u>	<u>X</u>	<u>X</u>								
<u>6</u>	<u>BIA-10-20080107-01</u>		<u>1230</u>	<u>1150</u>	<u>IA</u>	<u>KP/JO</u>	<u>626</u>	<u>0379</u>	<u>X</u>	<u>X</u>								
<u>7</u>	<u>OAA-06-20080107-01</u>		<u>1535</u>	<u>1535</u>	<u>OA</u>	<u>KP/JO</u>	<u>933</u>	<u>0126</u>	<u>X</u>	<u>X</u>								
<u>8</u>	<u>FIA-01-20080107-01</u>		<u>1725</u>	<u>1725</u>	<u>IA</u>	<u>KP/JO</u>	<u>1570</u>	<u>0387</u>	<u>X</u>	<u>X</u>								
<u>9</u>	<u>BIA-12-20080107-01</u>		<u>1730</u>	<u>1727</u>	<u>IA</u>	<u>KP/JO</u>	<u>767</u>	<u>363</u>	<u>X</u>	<u>X</u>								
<u>10</u>	<u>DUP-01-20080107-01</u>		<u>0001</u>	<u>0001</u>	<u>IA</u>	<u>KP/JO</u>	<u>1536</u>	<u>0099</u>	<u>X</u>	<u>X</u>								

Shaded Gray Areas For Lab Use Only

Container Type

Relinquished By:

Date/Time

Received By:

Date/Time:

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. See reverse side.



AIR ANALYSIS

PAGE 2 OF 2

Date Rec'd in Lab:

ALPHA Job #: 40800302

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERM

Address:

Phone:

Fax:

Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name:

Project Location:

Project #:

Project Manager:

ALPHA Quote #:

Turn-Around Time

 Standard

6 DAYS
TO-13: 10 DAYS

☐ RUSH (only confirmed if pre-approved!)

Date Due:

Time:

Other Project Specific Requirements/Comments: * TO-15 PROJECT SPECIFIC ANALYTE LIST:
- PCE - CDEE - VINYL CHLORIDE
- TCE - TAFE

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed

Program

Criteria

ANALYSIS

[illegible]

Shaded Gray Areas For Lab Use Only

Container Type

Relinquished By:

Date/Time

Received By:

Date/Time:

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. See reverse side.

Air Canister Tracking

Select Status: **Received** Enter Bottle Order #: **39309** Print Labels Cert. / Batch #:

Aircan Id	Container Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
1570	6.0L Summr	RECEIVED	39309	L0800302-08	02-JAN-2008		L0717075	-29.7	-1.2					11-JAN-2008 10 *
686	6.0L Summr	RECEIVED	39309	L0800302-06	02-JAN-2008		L0717075	-29.7	-1.6					11-JAN-2008 10
787	6.0L Summr	RECEIVED	39309	L0800302-09	02-JAN-2008		L0717075	-29.7	-1.0					11-JAN-2008 10
601	6.0L Summr	RECEIVED	39309	L0800302-05	02-JAN-2008		L0716661	-30.0	-2.1					11-JAN-2008 10
1573	6.0L Summr	RECEIVED	39309	L0800302-11	02-JAN-2008		L0717075	-29.7	-1.6					11-JAN-2008 10
1036	6.0L Summr	RECEIVED	39309	L0800302-01	02-JAN-2008		L0716661	-30.0	-5.6					11-JAN-2008 10
636	6.0L Summr	RECEIVED	39309	L0800302-04	02-JAN-2008		L0717075	-29.7	-2.7					11-JAN-2008 10
1566	6.0L Summr	RECEIVED	39309	L0800302-12	02-JAN-2008		L0717075	-29.7	-0.3					11-JAN-2008 10
1536	6.0L Summr	RECEIVED	39309	L0800302-10	02-JAN-2008		L0716661	-30.0	0.1					11-JAN-2008 10
704	6.0L Summr	RECEIVED	39309	L0800302-03	02-JAN-2008		L0717075	-29.7	-0.3					11-JAN-2008 10 *

Air Canister Tracking

Select Status: Enter Bottle Order #: Print Labels: Cert. / Batch #:

Aircan Id	Container Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
1036	6.0L Summr	RECEIVED	39309	L0800302-01	02-JAN-2008		L0716661	-30.0	-5.6					11-JAN-2008 10
636	6.0L Summr	RECEIVED	39309	L0800302-04	02-JAN-2008		L0717073	-29.7	-2.7					11-JAN-2008 10
1566	6.0L Summr	RECEIVED	39308	L0800302-12	02-JAN-2008		L0717073	-29.7	-0.3					11-JAN-2008 10
1536	6.0L Summr	RECEIVED	39308	L0800302-10	02-JAN-2008		L0716661	-30.0	0.1					11-JAN-2008 10
704	6.0L Summr	RECEIVED	39308	L0800302-03	02-JAN-2008		L0717073	-29.7	-0.3					11-JAN-2008 10
933	6.0L Summr	RECEIVED	39308	L0800302-07	02-JAN-2008		L0716661	-30.0	-0.5					11-JAN-2008 10
979	6.0L Summr	RECEIVED	39308	L0800302-02	02-JAN-2008		L0717073	-29.7	-0.1					11-JAN-2008 10
1564	6.0L Summr	RECEIVED	39308	L0800302-14	02-JAN-2008		L0717073	-29.7	-2.5					11-JAN-2008 10
1060	6.0L Summr	RECEIVED	39309	L0800302-13	02-JAN-2008		L0716661	-30.0	-2.1					11-JAN-2008 10

AIRCAN

Air Canister Tracking

Select Status: Received Enter Bottle Order # Print Labels Cert. / Batch #

Aircan Id	Container Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
0379	24hr-6hr R	RECEIVED	39309	L0800302-06	02-JAN-2008	27-DEC-2007				3.5	3.4	3		11-JAN-2008 13
0356	24hr-6hr R	RECEIVED	39309	L0800302-04	02-JAN-2008	27-DEC-2007				3.6	3.7	3		11-JAN-2008 13
0401	24hr-6hr R	RECEIVED	39309	L0800302-12	02-JAN-2008	27-DEC-2007				3.7	3.8	3		11-JAN-2008 13
0285	24hr-6hr R	RECEIVED	39309	L0800302-13	02-JAN-2008	27-DEC-2007				3.7	3.8	3		11-JAN-2008 13
0099	24hr-6hr R	RECEIVED	39309	L0800302-10	02-JAN-2008	27-DEC-2007				3.7	3.7	0		11-JAN-2008 13
0261	24hr-6hr R	RECEIVED	39309	L0800302-01	02-JAN-2008	27-DEC-2007				3.6	3.5	3		11-JAN-2008 13
0089	24hr-6hr R	RECEIVED	39309	L0800302-03	02-JAN-2008	27-DEC-2007				3.6	3.5	3		11-JAN-2008 13
0282	24hr-6hr R	RECEIVED	39309	L0800302-02	02-JAN-2008	27-DEC-2007				3.6	3.6	0		11-JAN-2008 13
0387	24hr-6hr R	RECEIVED	39309	L0800302-08	02-JAN-2008	27-DEC-2007				3.6	3.5	3		11-JAN-2008 13
0033	24hr-6hr R	RECEIVED	39309	L0800302-11	02-JAN-2008	27-DEC-2007				3.6	3.6	0		11-JAN-2008 13

Save
Exit
Cans
Entry/Query
Summary
Clear Form

Air Canister Tracking

Select Status: Enter Bottle Order #: Print Labels: Cert. / Batch #:

Aircan Id	Container Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
0281	24hr-6hr R	RECEIVED	39308	L0800302-01	02-JAN-2008	27-DEC-2007				3.6	3.5	3		11-JAN-2008 13
0089	24hr-6hr R	RECEIVED	39308	L0800302-03	02-JAN-2008	27-DEC-2007				3.6	3.5	3		11-JAN-2008 13
0282	24hr-6hr R	RECEIVED	39308	L0800302-02	02-JAN-2008	27-DEC-2007				3.6	3.6	0		11-JAN-2008 13
0387	24hr-6hr R	RECEIVED	39309	L0800302-08	02-JAN-2008	27-DEC-2007				3.6	3.5	3		11-JAN-2008 13
0033	24hr-6hr R	RECEIVED	39309	L0800302-11	02-JAN-2008	27-DEC-2007				3.6	3.6	0		11-JAN-2008 13
0363	24hr-6hr R	RECEIVED	39309	L0800302-09	02-JAN-2008	27-DEC-2007				3.6	3.7	3		11-JAN-2008 13
0112	24hr-6hr R	RECEIVED	39309	L0800302-14	19-DEC-2007	27-DEC-2007				3.5	3.7	6		11-JAN-2008 13
0126	24hr-6hr R	RECEIVED	39308	L0800302-07	02-JAN-2008	27-DEC-2007				3.6	3.6	0		11-JAN-2008 13
0374	24hr-6hr R	RECEIVED	39309	L0800302-05	02-JAN-2008	27-DEC-2007				3.6	3.6	0		11-JAN-2008 13



ANALYTICAL REPORT

Lab Number: L0801391

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Catherine Regan

Project Name: ENERGIZER

Project Number: 72122

Report Date: 02/07/08

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: ENERGIZER
Project Number: 72122

Lab Number: L0801391
Report Date: 02/07/08

Alpha Sample ID	Client ID	Sample Location
L0801391-01	BIA-13-20080128-01	BENNINGTON, VT
L0801391-02	FIA-04-20080128-01	BENNINGTON, VT
L0801391-03	OAA-07-20080128-01	BENNINGTON, VT
L0801391-04	DUP-03-20080128-01	BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 72122

Lab Number: L0801391
Report Date: 02/07/08

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

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:



Title: Technical Director/Representative

Date: 02/07/08

AIR

Project Name: ENERGIZER**Lab Number:** L0801391**Project Number:** 72122**Report Date:** 02/07/08**SAMPLE RESULTS**

Lab ID: L0801391-01
Client ID: BIA-13-20080128-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/05/08 22:41
Analyst: HM

Date Collected: 01/29/08 10:50
Date Received: 01/30/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.063	0.020	0.424	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.130	0.020	0.700	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0801391**Project Number:** 72122**Report Date:** 02/07/08**SAMPLE RESULTS**

Lab ID: L0801391-02
Client ID: FIA-04-20080128-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/05/08 23:17
Analyst: HM

Date Collected: 01/29/08 11:30
Date Received: 01/30/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.103	0.020	0.697	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.038	0.020	0.201	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0801391

Project Number: 72122

Report Date: 02/07/08

SAMPLE RESULTS

Lab ID: L0801391-03
 Client ID: OAA-07-20080128-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/05/08 23:54
 Analyst: HM

Date Collected: 01/29/08 11:40
 Date Received: 01/30/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.024	0.020	0.160	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.026	0.020	0.141	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER**Lab Number:** L0801391**Project Number:** 72122**Report Date:** 02/07/08**SAMPLE RESULTS**

Lab ID: L0801391-04
Client ID: DUP-03-20080128-01
Sample Location: BENNINGTON, VT
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/06/08 00:31
Analyst: HM

Date Collected: 01/29/08 10:45
Date Received: 01/30/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.059	0.020	0.397	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.036	0.020	0.194	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Project Name: ENERGIZER

Lab Number: L0801391

Project Number: 72122

Report Date: 02/07/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 02/05/08 12:34

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-04 Batch: WG310736-3						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	ND	0.020	ND	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 72122

Lab Number: L0801391

Report Date: 02/07/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 Batch: WG310736-2					
1,1,1-Trichloroethane	80	-	70-130	-	
1,1,1,2-Tetrachloroethane	102	-	70-130	-	
1,1,2,2-Tetrachloroethane	108	-	70-130	-	
1,1,2-Trichloroethane	106	-	70-130	-	
1,1-Dichloroethane	102	-	70-130	-	
1,1-Dichloroethene	98	-	70-130	-	
1,2,4-Trimethylbenzene	124	-	70-130	-	
1,2-Dibromoethane	98	-	70-130	-	
1,2-Dichlorobenzene	114	-	70-130	-	
1,2-Dichloroethane	86	-	70-130	-	
1,2-Dichloropropane	106	-	70-130	-	
1,3,5-Trimethylbenzene	122	-	70-130	-	
1,3-Butadiene	100	-	70-130	-	
1,3-Dichlorobenzene	115	-	70-130	-	
1,4-Dichlorobenzene	115	-	70-130	-	
Benzene	79	-	70-130	-	
Bromodichloromethane	102	-	70-130	-	
Bromoform	104	-	70-130	-	
Bromomethane	92	-	70-130	-	
Carbon tetrachloride	97	-	70-130	-	
Chlorobenzene	103	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 72122

Lab Number: L0801391

Report Date: 02/07/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 Batch: WG310736-2					
Chloroethane	98	-	70-130	-	
Chloroform	99	-	70-130	-	
Chloromethane	95	-	70-130	-	
cis-1,2-Dichloroethene	102	-	70-130	-	
cis-1,3-Dichloropropene	102	-	70-130	-	
Dibromochloromethane	98	-	70-130	-	
Dichlorodifluoromethane	97	-	70-130	-	
Ethylbenzene	108	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	98	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	99	-	70-130	-	
Methylene chloride	87	-	70-130	-	
Methyl tert butyl ether	102	-	70-130	-	
Naphthalene	104	-	70-130	-	
p/m-Xylene	111	-	70-130	-	
o-Xylene	110	-	70-130	-	
Styrene	112	-	70-130	-	
Tetrachloroethene	94	-	70-130	-	
Toluene	98	-	70-130	-	
trans-1,2-Dichloroethene	95	-	70-130	-	
trans-1,3-Dichloropropene	99	-	70-130	-	
Trichloroethene	102	-	70-130	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 72122

Lab Number: L0801391

Report Date: 02/07/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 Batch: WG310736-2					
1,2,4-Trichlorobenzene	105	-	70-130	-	
Trichlorofluoromethane	98	-	70-130	-	
Vinyl chloride	99	-	70-130	-	

Lab Duplicate Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 72122

Lab Number: L0801391

Report Date: 02/07/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG310736-4 QC Sample: L0801259-02 Client ID: DUP Sample					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	0.193	0.177	ppbV	9	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	0.089	0.081	ppbV	9	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ENERGIZER**Lab Number:** L0801391**Project Number:** 72122**Report Date:** 02/07/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0801391-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801391-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801391-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801391-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: ENERGIZER
Project Number: 72122

Lab Number: L0801391
Report Date: 02/07/08

GLOSSARY

Acronyms

- 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.
- LCS D - Laboratory Control Sample Duplicate: Refer to LCS.
- 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.
- MS D - Matrix Spike Sample Duplicate: Refer to MS.
- NA - Not Applicable.
- NI - Not Ignitable.
- 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.
- ND - Not detected at the reported detection limit for the sample.
- RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

- 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.
- E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

- H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Project Name: ENERGIZER**Lab Number:** L0801391**Project Number:** 72122**Report Date:** 02/07/08

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.





CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 1

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERMAddress: 399 BOYLSTON ST.
6TH FLOORPhone: (617) 646-7800Fax: (617) 267-6447Email: Kristofer.Perrin@erm.com☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: ENERGIZERProject Location: BARNINGTON, VT.Project #: 72122Project Manager: C. Ragan/M. Rucella

ALPHA Quote #:

Turn-Around Time

☐ Standard5 DAYS
TO-13: 10 DAYS☐ RUSH (only confirmed if pre-approved!)

Date Due:

Time:

Date Rec'd in Lab:

Report Information - Data Deliverables

☐ FAX☒ ADEX

Criteria Checker: _____

(Default based on Regulatory Criteria Indicated)

Other Formats: _____

☒ EMAIL (standard pdf report)☐ Additional Deliverables: _____

Report to: (if different than Project Manager)

Kristofer.Perrin@erm.comALPHA Job #: L0801391

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

* SITE SPECIFIC Compound List: *

- AC - CIS DE - VINYLCHLORIDE

- TC - TRANS DE

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection			Sample Matrix	Sampler's Initials	ID Can	ID - Flow Controller	TO-14	TO-15	TO-15	APH	DISSO	FIXED	TO-13	TO-15	DISSG	TO-47	Sample Comments (i.e. PID)
		Date	Start Time	End Time															
01391 - 1	BIA-13-20080128-01	1/29/2008	1128	1050	Air	KP	1522	0099			X								*
- 2	FIA-08-20080128-01	2008	1125	1130	Air	KP	0952	0033			X								*
- 3	OAA-07-20080128-01		1140	1140	Air	KP	1605	0261			X								*
											X								*
- 4	DUP-03-20080128-01		1200	1045	Air	KP	0616	0126			X								*
		ALL SAMPLES COLLECTED OVER APPROX. 24-HR PERIOD																	

Shaded Gray Areas For Lab Use Only

Container Type

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. See reverse side.

Relinquished By:

Kristofer Perrin

Date/Time

1/29/08 3:30 PM

Received By:

FER EX

Date/Time:

1/29/08 3:30T. F. GillyPaul Delaney1/30/08 17:40Paul Delaney1/30/08 16:501/30/08 1740

Air Canister Tracking

Select Status **Received** Enter Bottle Order # Print Labels Cert. / Batch #

Aircan Id	Container Type	Container Status	Bottle Order	Bottle Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
														31-JAN-2008 13
1522	6.0L Summr	RECEIVED	39654	L0801391-01	17-JAN-2008		L0718434	-30.0	-1.8					31-JAN-2008 13
1805	6.0L Summr	RECEIVED	39654	L0801391-03	17-JAN-2008		L0718434	-30.0	-6.6					31-JAN-2008 13
952	6.0L Summr	RECEIVED	39654	L0801391-02	17-JAN-2008		L0718434	-30.0	-4.3					31-JAN-2008 13
896	6.0L Summr	RECEIVED	39654	L0801391-04	17-JAN-2008		L0718434	-30.0	-2.7					31-JAN-2008 13
0033	24hr-6hr R	RECEIVED	39654	L0801391-02	17-JAN-2008	16-JAN-2008				3.6	3.7	3		31-JAN-2008 13
0261	24hr-6hr R	RECEIVED	39654	L0801391-03	17-JAN-2008	16-JAN-2008				3.6	3.7	3		31-JAN-2008 13
0099	24hr-6hr R	RECEIVED	39654	L0801391-01	17-JAN-2008	16-JAN-2008				3.7	3.8	3		31-JAN-2008 13
0126	24hr-6hr R	RECEIVED	39654	L0801391-04	17-JAN-2008	16-JAN-2008				3.6	3.8	5		31-JAN-2008 13



ANALYTICAL REPORT

Lab Number: L0802493

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Catherine Regan

Project Name: ENERGIZER

Project Number: 72122

Report Date: 03/05/08

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: ENERGIZER
Project Number: 72122

Lab Number: L0802493
Report Date: 03/05/08

Alpha Sample ID	Client ID	Sample Location
L0802493-01	ASG-20-20080219-01	BENNINGTON, VT
L0802493-02	ASG-32-20080219-01	BENNINGTON, VT
L0802493-03	ASG-28-20080219-01	BENNINGTON, VT
L0802493-04	ASG-33-20080219-01	BENNINGTON, VT
L0802493-05	ASG-18-20080219-01	BENNINGTON, VT
L0802493-06	ASG-17-20080219-01	BENNINGTON, VT
L0802493-07	ASG-16-20080219-01	BENNINGTON, VT
L0802493-08	BIA-12-20080218-01	BENNINGTON, VT
L0802493-09	BIA-10-20080218-01	BENNINGTON, VT
L0802493-10	BIA-11-20080218-01	BENNINGTON, VT
L0802493-11	BIA-13-20080218-01	BENNINGTON, VT
L0802493-12	OAA-05-20080218-01	BENNINGTON, VT
L0802493-13	OAA-06-20080218-01	BENNINGTON, VT
L0802493-14	DUP-01-20080218-01	BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 72122

Lab Number: L0802493
Report Date: 03/05/08

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Volatile Organics in Air by TO-15

L0802493-05 required re-analysis on dilution in order to quantitate the sample within the range of the calibration. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the range of the calibration.

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:



Title: Technical Director/Representative

Date: 03/05/08

AIR

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-01
 Client ID: ASG-20-20080219-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/28/08 18:48
 Analyst: HM

Date Collected: 02/19/08 12:40
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Tetrachloroethene	ND	0.200	ND	1.36		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Trichloroethene	ND	0.200	ND	1.07		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-02
 Client ID: ASG-32-20080219-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/28/08 19:25
 Analyst: HM

Date Collected: 02/19/08 13:04
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Tetrachloroethene	0.906	0.200	6.14	1.36		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Trichloroethene	ND	0.200	ND	1.07		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-03
 Client ID: ASG-28-20080219-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/28/08 20:01
 Analyst: HM

Date Collected: 02/19/08 13:20
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Tetrachloroethene	63.4	0.200	430	1.36		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Trichloroethene	ND	0.200	ND	1.07		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-04
 Client ID: ASG-33-20080219-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/28/08 20:38
 Analyst: HM

Date Collected: 02/19/08 13:42
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Tetrachloroethene	1.00	0.200	6.80	1.36		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Trichloroethene	ND	0.200	ND	1.07		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-05
 Client ID: ASG-18-20080219-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/28/08 21:52
 Analyst: HM

Date Collected: 02/19/08 14:04
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Tetrachloroethene	>100	0.2	>678	1.36		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Trichloroethene	0.368	0.200	1.98	1.07		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: ENERGIZER**Lab Number:** L0802493**Project Number:** 72122**Report Date:** 03/05/08**SAMPLE RESULTS**

Lab ID: L0802493-05 R
Client ID: ASG-18-20080219-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Analytical Method: 48,TO-15
Analytical Date: 02/29/08 10:34
Analyst: HM

Date Collected: 02/19/08 14:04
Date Received: 02/21/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
Tetrachloroethene	154	1.00	1040	6.78		5

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-06
 Client ID: ASG-17-20080219-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/28/08 22:29
 Analyst: HM

Date Collected: 02/19/08 14:34
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Tetrachloroethene	9.27	0.200	62.8	1.36		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Trichloroethene	ND	0.200	ND	1.07		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-07
 Client ID: ASG-16-20080219-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/28/08 23:06
 Analyst: HM

Date Collected: 02/19/08 14:28
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Tetrachloroethene	4.80	0.200	32.5	1.36		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Trichloroethene	ND	0.200	ND	1.07		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-08
 Client ID: BIA-12-20080218-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/28/08 23:44
 Analyst: HM

Date Collected: 02/19/08 12:15
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.175	0.020	1.18	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.074	0.020	0.397	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-09
 Client ID: BIA-10-20080218-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/29/08 00:21
 Analyst: HM

Date Collected: 02/19/08 12:16
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.287	0.020	1.95	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.090	0.020	0.481	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-10
 Client ID: BIA-11-20080218-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/29/08 00:59
 Analyst: HM

Date Collected: 02/19/08 12:17
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.426	0.020	2.88	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.092	0.020	0.492	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-11
 Client ID: BIA-13-20080218-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/29/08 01:35
 Analyst: HM

Date Collected: 02/19/08 11:46
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.047	0.020	0.318	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.065	0.020	0.350	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-12
 Client ID: OAA-05-20080218-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/29/08 02:12
 Analyst: HM

Date Collected: 02/19/08 11:24
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.039	0.020	0.208	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-13
 Client ID: OAA-06-20080218-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/29/08 08:40
 Analyst: HM

Date Collected: 02/19/08 11:25
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.035	0.020	0.236	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.090	0.020	0.482	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

SAMPLE RESULTS

Lab ID: L0802493-14
 Client ID: DUP-01-20080218-01
 Sample Location: BENNINGTON, VT
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/29/08 09:17
 Analyst: HM

Date Collected: 02/19/08 11:59
 Date Received: 02/21/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	0.440	0.020	2.98	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	0.089	0.020	0.476	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 02/28/08 14:49

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air for sample(s): 01-07 Batch: WG313134-3						
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Tetrachloroethene	ND	0.200	ND	1.36		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Trichloroethene	ND	0.200	ND	1.07		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 02/28/08 15:26

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 08-14 Batch: WG313136-3						
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Tetrachloroethene	ND	0.020	ND	0.136		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
Trichloroethene	ND	0.020	ND	0.107		1
Vinyl chloride	ND	0.020	ND	0.051		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 72122

Lab Number: L0802493

Report Date: 03/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-07 Batch: WG313134-2					
1,1,1-Trichloroethane	109	-	70-130	-	
1,1,2,2-Tetrachloroethane	92	-	70-130	-	
1,1,2-Trichloroethane	104	-	70-130	-	
1,1-Dichloroethane	87	-	70-130	-	
1,1-Dichloroethene	90	-	70-130	-	
1,2,4-Trichlorobenzene	90	-	70-130	-	
1,2,4-Trimethylbenzene	90	-	70-130	-	
1,2-Dibromoethane	85	-	70-130	-	
1,2-Dichlorobenzene	83	-	70-130	-	
1,2-Dichloroethane	83	-	70-130	-	
1,2-Dichloropropane	109	-	70-130	-	
1,3,5-Trimethylbenzene	84	-	70-130	-	
1,3-Butadiene	90	-	70-130	-	
1,3-Dichlorobenzene	85	-	70-130	-	
1,4-Dichlorobenzene	85	-	70-130	-	
1,4-Dioxane	111	-	70-130	-	
2,2,4-Trimethylpentane	118	-	70-130	-	
2-Butanone	87	-	70-130	-	
2-Hexanone	112	-	70-130	-	
3-Chloropropene	91	-	70-130	-	
4-Ethyltoluene	85	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 72122

Lab Number: L0802493

Report Date: 03/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-07 Batch: WG313134-2					
Acetone	80	-	70-130	-	
Benzene	96	-	70-130	-	
Benzyl chloride	81	-	70-130	-	
Bromodichloromethane	106	-	70-130	-	
Bromoform	79	-	70-130	-	
Bromomethane	77	-	70-130	-	
Carbon disulfide	83	-	70-130	-	
Carbon tetrachloride	112	-	70-130	-	
Chlorobenzene	87	-	70-130	-	
Chloroethane	87	-	70-130	-	
Chloroform	87	-	70-130	-	
Chloromethane	97	-	70-130	-	
cis-1,2-Dichloroethene	91	-	70-130	-	
cis-1,3-Dichloropropene	103	-	70-130	-	
Cyclohexane	116	-	70-130	-	
Dibromochloromethane	85	-	70-130	-	
Dichlorodifluoromethane	86	-	70-130	-	
Ethyl Alcohol	88	-	70-130	-	
Ethyl Acetate	126	-	70-130	-	
Ethylbenzene	84	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	84	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 72122

Lab Number: L0802493

Report Date: 03/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-07 Batch: WG313134-2					
1,2-Dichloro-1,1,2,2-tetrafluoroethane	86	-	70-130	-	
Hexachlorobutadiene	80	-	70-130	-	
iso-Propyl Alcohol	90	-	70-130	-	
Methylene chloride	94	-	70-130	-	
4-Methyl-2-pentanone	133	-	70-130	-	
Methyl tert butyl ether	76	-	70-130	-	
p/m-Xylene	84	-	70-130	-	
o-Xylene	86	-	70-130	-	
Heptane	120	-	70-130	-	
n-Hexane	134	-	70-130	-	
Propylene	86	-	70-130	-	
Styrene	81	-	70-130	-	
Tetrachloroethene	82	-	70-130	-	
Tetrahydrofuran	123	-	70-130	-	
Toluene	86	-	70-130	-	
trans-1,2-Dichloroethene	88	-	70-130	-	
trans-1,3-Dichloropropene	98	-	70-130	-	
Trichloroethene	107	-	70-130	-	
Trichlorofluoromethane	90	-	70-130	-	
Vinyl acetate	89	-	70-130	-	
Vinyl bromide	84	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 72122

Lab Number: L0802493

Report Date: 03/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-07 Batch: WG313134-2					
Vinyl chloride	88	-	70-130	-	
Naphthalene	88	-	70-130	-	
Acrylonitrile	79	-	70-130	-	
Acrolein	87	-	70-130	-	
1,1,1,2-Tetrachloroethane	88	-	70-130	-	
Isopropylbenzene	82	-	70-130	-	
1,2,3-Trichloropropane	85	-	70-130	-	
Acetonitrile	82	-	70-130	-	
Bromobenzene	87	-	70-130	-	
Chlorodifluoromethane	86	-	70-130	-	
Dichlorofluoromethane	84	-	70-130	-	
Dibromomethane	105	-	70-130	-	
Pentane	96	-	70-130	-	
Octane	87	-	70-130	-	
Tertiary-Amyl Methyl Ether	94	-	70-130	-	
o-Chlorotoluene	85	-	70-130	-	
p-Chlorotoluene	85	-	70-130	-	
2,2-Dichloropropane	112	-	70-130	-	
1,1-Dichloropropene	104	-	70-130	-	
Isopropyl Ether	107	-	70-130	-	
Ethyl-Tert-Butyl-Ether	107	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 72122

Lab Number: L0802493

Report Date: 03/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-07 Batch: WG313134-2					
1,2,3-Trichlorobenzene	91	-	70-130	-	
Ethyl ether	85	-	70-130	-	
n-Butylbenzene	80	-	70-130	-	
sec-Butylbenzene	86	-	70-130	-	
tert-Butylbenzene	87	-	70-130	-	
1,2-Dibromo-3-chloropropane	90	-	70-130	-	
p-Isopropyltoluene	78	-	70-130	-	
n-Propylbenzene	85	-	70-130	-	
1,3-Dichloropropane	92	-	70-130	-	
Methanol	71	-	70-130	-	
Nonane (C9)	110	-	70-130	-	
Decane (C10)	78	-	70-130	-	
Undecane	100	-	70-130	-	
Dodecane (C12)	150	-	70-130	-	
tert-Butyl Alcohol	81	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 72122

Lab Number: L0802493

Report Date: 03/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 08-14 Batch: WG313136-2					
cis-1,2-Dichloroethene	84	-	70-130	-	
Tetrachloroethene	76	-	70-130	-	
trans-1,2-Dichloroethene	81	-	70-130	-	
Trichloroethene	100	-	70-130	-	
Vinyl chloride	88	-	70-130	-	

Lab Duplicate Analysis Batch Quality Control

Project Name: ENERGIZER

Project Number: 72122

Lab Number: L0802493

Report Date: 03/05/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-07 QC Batch ID: WG313134-4 QC Sample: L0802693-02 Client ID: DUP Sample					
cis-1,2-Dichloroethene	0.552	0.579	ppbV	5	25
Tetrachloroethene	ND	ND	ppbV	NC	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	0.221	0.274	ppbV	21	25
Vinyl chloride	ND	ND	ppbV	NC	25

Volatile Organic Compounds in Air by SIM Associated sample(s): 08-14 QC Batch ID: WG313136-4 QC Sample: L0802493-10 Client ID: BIA-11-20080218-01					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	0.426	0.457	ppbV	7	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	0.092	0.096	ppbV	5	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ENERGIZER

Lab Number: L0802493

Project Number: 72122

Report Date: 03/05/08

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0802493-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-LL
L0802493-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-LL
L0802493-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-LL
L0802493-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-LL
L0802493-05A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-LL
L0802493-06A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-LL
L0802493-07A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-LL
L0802493-08A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0802493-09A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0802493-10A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0802493-11A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0802493-12A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0802493-13A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0802493-14A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: ENERGIZER
Project Number: 72122

Lab Number: L0802493
Report Date: 03/05/08

GLOSSARY

Acronyms

- 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.
- 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.
- NI - Not Ignitable.
- 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.
- ND - Not detected at the reported detection limit for the sample.
- RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

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.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Project Name: ENERGIZER**Lab Number:** L0802493**Project Number:** 72122**Report Date:** 03/05/08

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.



AIR ANALYSIS

PAGE 1 OF 2



CHAIN OF CUSTODY

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: ERM

Project #:

72122

Address: 399 Bayston St. 6th Floor, Boston, MA 02116

Project Manager: Catherine Pagan

Phone: (617) 646-7800

ALPHA Quote #:

Fax:

Turn-Around Time

Email: catherine.pagan@erm.com

Standard 5 DAYS TO-15 DAYS

RUSH (only confirmed if pre-approved)

Other Project Specific Requirements/Comments:

Date Due:

Time:

* Project Specific Analyte List *
 - PE - cis-DCE - Vinyl Chloride
 - PE - trans-DCE

Date Rec'd In Lab:

Report Information - Data Deliverables

FAX

FADEX

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

EMAIL (standard pdf report)

Additional Deliverables:

Report to: (if different than Project Manager)

Krispene.Perritt@erm.com

ALPHA Job #: 20802493

Billing Information

Same as Client info

PO #:

Regulatory Requirements/Report Limits

State/Fed

Program

Criteria

ANALYSIS

TO-14A
 TO-15
 TO-15 SIM
 APH
 DISSOLVED GASES
 FIXED GASES
 TO-13A
 TO-15 SULFIDES/MERCAPTANS
 DISS GASES CO2 ONLY
 TO-4/TO-10

Sample Comments (i.e. PID)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ID Can	ID-Flow Controller										
		Date	Start Time	End Time													
-1	ASG-20-20080219-01	2/19/08	1040	1240	SV	49/30	395	0250	X	X	X	X	X	X	X	X	X
-2	ASG-32-20080219-01	2/19/08	1404	1304	SV	49/30	419	0094	X	X	X	X	X	X	X	X	X
-3	ASG-28-20080219-01	2/19/08	1123	1320	SV	49/30	348	101	X	X	X	X	X	X	X	X	X
-4	ASG-33-20080219-01	2/19/08	1144	1342	SV	49/30	510	0276	X	X	X	X	X	X	X	X	X
-5	ASG-18-20080219-01	2/19/08	1201	1404	SV	49/30	407	0144	X	X	X	X	X	X	X	X	X
-6	ASG-17-20080219-01	2/19/08	1238	1431	SV	49/30	122		X	X	X	X	X	X	X	X	X
-7	ASG-16-20080219-01	2/19/08	1228	1428	SV	49/30	356		X	X	X	X	X	X	X	X	X
-8	BIA-12-20080219-01	2/18/08	1228	1215	IA	49/30	1606	0201	X	X	X	X	X	X	X	X	X
-9	BIA-10-20080219-01	2/19/08	1232	1216	IA	49/30	1565	0242	X	X	X	X	X	X	X	X	X
-10	BIA-11-20080219-01	2/19/08	1235	1217	IA	49/30	918	0192	X	X	X	X	X	X	X	X	X

Shaded Gray Areas For Lab Use Only

Container Type

Relinquished By:

Date/Time

Received By:

Date/Time:

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. See reverse side.

AIR ANALYSIS

PAGE 2 OF 2

CHAIN OF CUSTODY

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Project Name:

Project Location:

Project #:

Project Manager:

ALPHA Quote #:

Turn-Around Time

Phone:

Fax:

Email:

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

SEE PAGE 1 OF 2

Date Rec'd in Lab:

Report Information - Data Deliverables

☐ FAX
☐ ADEX
☐ Criteria Checker
 (Default based on Regulatory Criteria Indicated)

Other Formats:

☐ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

ALPHA Job #: L0802493

Billing Information

☐ Same as Client info
 PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

TO-14A
 TO-15
 TO-15 SIM
 APH
 DISSOLVED GASES
 FIXED GASES
 TO-13A
 TO-15 SULFIDES/MERCAPTANS
 DISS GASES CO2 ONLY
 TO-4/TO-10

Sample Comments (i.e. PID)

Shaded Gray Areas For Lab Use Only

Relinquished By:

Date/Time

Received By:

Date/Time

Container Type

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. See reverse side.

Air Canister Tracking

Select Status Received Enter Bottle Order # Print Labels Cert. / Batch #

Aircan Id	Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
1607	6.0L Summr	RECEIVED	40115	L0802493-10	16-FEB-2008		L080045C	-29.9	-1.2					23-FEB-2008 16
929	6.0L Summr	RECEIVED	40115	L0802493-14	16-FEB-2008		L080045C	-29.9	-0.5					23-FEB-2008 16
1565	6.0L Summr	RECEIVED	40115	L0802493-11	16-FEB-2008		L080045C	-29.9	-1.0					23-FEB-2008 16
1623	6.0L Summr	RECEIVED	40115	L0802493-09	16-FEB-2008		L0801612	-29.9	-0.7					23-FEB-2008 16
936	6.0L Summr	RECEIVED	40115	L0802493-12	16-FEB-2008		L080045C	-29.9	0.0					23-FEB-2008 16
1606	6.0L Summr	RECEIVED	40115	L0802493-13	16-FEB-2008		L0801612	-29.9	0.9					23-FEB-2008 16
122	2.7L Summr	RECEIVED	40115	L0802493-08	16-FEB-2008		L080045C	-29.9	-0.9					23-FEB-2008 16
407	2.7L Summr	RECEIVED	40115	L0802493-06	16-FEB-2008		L080101C	-29.9	-0.8					23-FEB-2008 16
395	2.7L Summr	RECEIVED	40115	L0802493-05	16-FEB-2008		L080101C	-29.9	-0.8					23-FEB-2008 16
				L0802493-01	16-FEB-2008		L080101C	-29.9	-1.8					23-FEB-2008 16

Save
Exit
Cans
Entry/Query
Summary
Clear Form

Air Canister Tracking

Select Status: **Received** Enter Bottle Order #: _____ Print Labels Cert. / Batch #: _____

Aircan Id	Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
1623	6.0L Summr	RECEIVED	40115	L0802493-12	16-FEB-2008		L080045C	-29.9	0.0					23-FEB-2008 16
936	6.0L Summr	RECEIVED	40115	L0802493-13	16-FEB-2008		L0801612	-29.9	0.9					23-FEB-2008 16
1606	6.0L Summr	RECEIVED	40115	L0802493-08	16-FEB-2008		L080045C	-29.9	-0.9					23-FEB-2008 16
122	2.7L Summr	RECEIVED	40115	L0802493-06	16-FEB-2008		L080101C	-29.9	-0.8					23-FEB-2008 16
407	2.7L Summr	RECEIVED	40115	L0802493-05	16-FEB-2008		L080101C	-29.9	-0.8					23-FEB-2008 16
395	2.7L Summr	RECEIVED	40115	L0802493-01	16-FEB-2008		L080101C	-29.9	-1.8					23-FEB-2008 16
510	2.7L Summr	RECEIVED	40115	L0802493-04	16-FEB-2008		L080101C	-29.9	-1.3					23-FEB-2008 16
419	2.7L Summr	RECEIVED	40115	L0802493-02	16-FEB-2008		L080101C	-29.9	-0.2					23-FEB-2008 16
348	2.7L Summr	RECEIVED	40115	L0802493-03	16-FEB-2008		L080101C	-29.9	-1.6					23-FEB-2008 16
220	2.7L Summr	RECEIVED	40115	L0802493-07	16-FEB-2008		L080101C	-29.9	-0.2					23-FEB-2008 16

99-IP0-01

Air Canister Tracking

Select Status Received Enter Bottle Order # Print Labels Cert. / Batch #

Aircan Id	Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
419	2.7L Summr	RECEIVED	40115	L0802493-02	16-FEB-2008		L080101C	-29.9	-0.2					23-FEB-2008 16
348	2.7L Summr	RECEIVED	40115	L0802493-03	16-FEB-2008		L080101C	-29.9	-1.6					23-FEB-2008 16
356	2.7L Summr	RECEIVED	40115	L0802493-07	16-FEB-2008		L080101C	-29.9	-0.2					23-FEB-2008 16
0192	24hr-6hr Rt	RECEIVED	40115	L0802493-10	16-FEB-2008	12-FEB-2008				3.6	3.7	3		23-FEB-2008 16
0014	24hr-6hr Rt	RECEIVED	40115	L0802493-11	16-FEB-2008	12-FEB-2008				3.6	3.6	0		23-FEB-2008 16
0201	24hr-6hr Rt	RECEIVED	40115	L0802493-08	16-FEB-2008	12-FEB-2008				3.7	3.8	3		23-FEB-2008 16
0116	24hr-6hr Rt	RECEIVED	40115	L0802493-14	16-FEB-2008	12-FEB-2008				3.5	3.6	3		23-FEB-2008 16
0114	24hr-6hr Rt	RECEIVED	40115	L0802493-12	16-FEB-2008	12-FEB-2008				3.5	3.6	3		23-FEB-2008 16
0242	24hr-6hr Rt	RECEIVED	40115	L0802493-09	16-FEB-2008	12-FEB-2008				3.6	3.6	0		23-FEB-2008 16
0071	24hr-6hr Rt	RECEIVED	40115	L0802493-13	16-FEB-2008	12-FEB-2008				3.6	3.7	3		23-FEB-2008 16

Save
Exit
Cans
Entry/Query
Summary
Clear Form



ANALYTICAL REPORT

Lab Number: L0803595

Client: ERM-New England
399 Boylston Street
6th Floor
Boston, MA 02116

ATTN: Catherine Regan

Project Name: ENERGIZER

Project Number: 0081293

Report Date: 03/21/08

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: ENERGIZER
Project Number: 0081293

Lab Number: L0803595
Report Date: 03/21/08

Alpha Sample ID	Client ID	Sample Location
L0803595-01	ASG-14-20080311-01	BENNINGTON, VT
L0803595-02	ASG-20-20080311-01	BENNINGTON, VT
L0803595-03	ASG-28-20080311-01	BENNINGTON, VT
L0803595-04	CAN 336	BENNINGTON, VT

Project Name: ENERGIZER
Project Number: 0081293

Lab Number: L0803595
Report Date: 03/21/08

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

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:



Title: Technical Director/Representative

Date: 03/21/08

AIR

Project Name: ENERGIZER**Lab Number:** L0803595**Project Number:** 0081293**Report Date:** 03/21/08**SAMPLE RESULTS**

Lab ID: L0803595-01
Client ID: ASG-14-20080311-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 03/19/08 20:19
Analyst: RY

Date Collected: 03/11/08 13:53
Date Received: 03/13/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Tetrachloroethene	0.473	0.200	3.20	1.36		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Trichloroethene	1.19	0.200	6.38	1.07		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: ENERGIZER

Lab Number: L0803595

Project Number: 0081293

Report Date: 03/21/08

SAMPLE RESULTS

Lab ID: L0803595-02
 Client ID: ASG-20-20080311-01
 Sample Location: BENNINGTON, VT
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 03/19/08 20:52
 Analyst: RY

Date Collected: 03/11/08 14:40
 Date Received: 03/13/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Tetrachloroethene	ND	0.200	ND	1.36		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Trichloroethene	0.325	0.200	1.75	1.07		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: ENERGIZER**Lab Number:** L0803595**Project Number:** 0081293**Report Date:** 03/21/08**SAMPLE RESULTS**

Lab ID: L0803595-03
Client ID: ASG-28-20080311-01
Sample Location: BENNINGTON, VT
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 03/19/08 21:28
Analyst: RY

Date Collected: 03/11/08 14:35
Date Received: 03/13/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air						
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Tetrachloroethene	8.54	0.200	57.9	1.36		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Trichloroethene	0.596	0.200	3.20	1.07		1
Vinyl chloride	ND	0.200	ND	0.511		1

Project Name: ENERGIZER

Lab Number: L0803595

Project Number: 0081293

Report Date: 03/21/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 03/19/08 12:35

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Low Level Volatile Organic Compounds in Air for sample(s): 01-03 Batch: WG315198-3						
cis-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Tetrachloroethene	ND	0.200	ND	1.36		1
trans-1,2-Dichloroethene	ND	0.200	ND	0.792		1
Trichloroethene	ND	0.200	ND	1.07		1
Vinyl chloride	ND	0.200	ND	0.511		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0081293

Lab Number: L0803595

Report Date: 03/21/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG315198-2					
1,1,1-Trichloroethane	111	-	70-130	-	
1,1,2,2-Tetrachloroethane	106	-	70-130	-	
1,1,2-Trichloroethane	112	-	70-130	-	
1,1-Dichloroethane	115	-	70-130	-	
1,1-Dichloroethene	109	-	70-130	-	
1,2,4-Trichlorobenzene	71	-	70-130	-	
1,2,4-Trimethylbenzene	121	-	70-130	-	
1,2-Dibromoethane	109	-	70-130	-	
1,2-Dichlorobenzene	116	-	70-130	-	
1,2-Dichloroethane	134	-	70-130	-	
1,2-Dichloropropane	97	-	70-130	-	
1,3,5-Trimethylbenzene	124	-	70-130	-	
1,3-Butadiene	86	-	70-130	-	
1,3-Dichlorobenzene	122	-	70-130	-	
1,4-Dichlorobenzene	120	-	70-130	-	
1,4-Dioxane	90	-	70-130	-	
2,2,4-Trimethylpentane	78	-	70-130	-	
2-Butanone	113	-	70-130	-	
2-Hexanone	88	-	70-130	-	
3-Chloropropene	102	-	70-130	-	
4-Ethyltoluene	117	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0081293

Lab Number: L0803595

Report Date: 03/21/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG315198-2					
Acetone	128	-	70-130	-	
Benzene	96	-	70-130	-	
Benzyl chloride	97	-	70-130	-	
Bromodichloromethane	101	-	70-130	-	
Bromoform	121	-	70-130	-	
Bromomethane	97	-	70-130	-	
Carbon disulfide	94	-	70-130	-	
Carbon tetrachloride	109	-	70-130	-	
Chlorobenzene	112	-	70-130	-	
Chloroethane	100	-	70-130	-	
Chloroform	122	-	70-130	-	
Chloromethane	89	-	70-130	-	
cis-1,2-Dichloroethene	111	-	70-130	-	
cis-1,3-Dichloropropene	99	-	70-130	-	
Cyclohexane	75	-	70-130	-	
Dibromochloromethane	113	-	70-130	-	
Dichlorodifluoromethane	112	-	70-130	-	
Ethyl Alcohol	109	-	70-130	-	
Ethyl Acetate	104	-	70-130	-	
Ethylbenzene	122	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	114	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0081293

Lab Number: L0803595

Report Date: 03/21/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG315198-2					
1,2-Dichloro-1,1,2,2-tetrafluoroethane	104	-	70-130	-	
Hexachlorobutadiene	71	-	70-130	-	
iso-Propyl Alcohol	93	-	70-130	-	
Methylene chloride	103	-	70-130	-	
4-Methyl-2-pentanone	88	-	70-130	-	
Methyl tert butyl ether	129	-	70-130	-	
p/m-Xylene	114	-	70-130	-	
o-Xylene	110	-	70-130	-	
Heptane	74	-	70-130	-	
n-Hexane	75	-	70-130	-	
Propylene	73	-	70-130	-	
Styrene	114	-	70-130	-	
Tetrachloroethene	111	-	70-130	-	
Tetrahydrofuran	86	-	70-130	-	
Toluene	108	-	70-130	-	
trans-1,2-Dichloroethene	100	-	70-130	-	
trans-1,3-Dichloropropene	102	-	70-130	-	
Trichloroethene	105	-	70-130	-	
Trichlorofluoromethane	123	-	70-130	-	
Vinyl acetate	122	-	70-130	-	
Vinyl bromide	106	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0081293

Lab Number: L0803595

Report Date: 03/21/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG315198-2					
Vinyl chloride	92	-	70-130	-	
Naphthalene	62	-	70-130	-	
Acrylonitrile	120	-	70-130	-	
Acrolein	120	-	70-130	-	
1,1,1,2-Tetrachloroethane	124	-	70-130	-	
Isopropylbenzene	120	-	70-130	-	
1,2,3-Trichloropropane	108	-	70-130	-	
Acetonitrile	107	-	70-130	-	
Bromobenzene	110	-	70-130	-	
Chlorodifluoromethane	98	-	70-130	-	
Dichlorofluoromethane	111	-	70-130	-	
Dibromomethane	102	-	70-130	-	
Pentane	93	-	70-130	-	
Octane	92	-	70-130	-	
Tertiary-Amyl Methyl Ether	107	-	70-130	-	
o-Chlorotoluene	122	-	70-130	-	
p-Chlorotoluene	119	-	70-130	-	
2,2-Dichloropropane	112	-	70-130	-	
1,1-Dichloropropene	92	-	70-130	-	
Isopropyl Ether	114	-	70-130	-	
Ethyl-Tert-Butyl-Ether	108	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ENERGIZER

Project Number: 0081293

Lab Number: L0803595

Report Date: 03/21/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-03 Batch: WG315198-2					
1,2,3-Trichlorobenzene	65	-	70-130	-	
Ethyl ether	116	-	70-130	-	
n-Butylbenzene	96	-	70-130	-	
sec-Butylbenzene	119	-	70-130	-	
tert-Butylbenzene	125	-	70-130	-	
1,2-Dibromo-3-chloropropane	77	-	70-130	-	
p-Isopropyltoluene	108	-	70-130	-	
n-Propylbenzene	126	-	70-130	-	
1,3-Dichloropropane	109	-	70-130	-	
Methanol	109	-	70-130	-	
Nonane (C9)	100	-	70-130	-	
Decane (C10)	93	-	70-130	-	
Undecane	61	-	70-130	-	
Dodecane (C12)	46	-	70-130	-	
2,4,4-Trimethyl-2-Pentene	90	-	70-130	-	
2,4,4-Trimethyl-1-Pentene	76	-	70-130	-	
tert-Butyl Alcohol	89	-	70-130	-	

Project Name: ENERGIZER

Project Number: 0081293

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L0803595

Report Date: 03/21/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Low Level Volatile Organic Compounds in Air Associated sample(s): 01-03 QC Batch ID: WG315198-4 QC Sample: L0803263-01 Client ID: DUP Sample					
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Tetrachloroethene	ND	ND	ppbV	NC	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ENERGIZER**Lab Number:** L0803595**Project Number:** 0081293**Report Date:** 03/21/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0803595-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-LL
L0803595-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-LL
L0803595-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-LL
L0803595-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	CLEAN-FEE

Project Name: ENERGIZER
Project Number: 0081293

Lab Number: L0803595
Report Date: 03/21/08

GLOSSARY

Acronyms

- 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.
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.
NI - Not Ignitable.
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.
ND - Not detected at the reported detection limit for the sample.
RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL 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.

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.

Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

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.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Report Format: Not Specified



Project Name: ENERGIZER**Lab Number:** L0803595**Project Number:** 0081293**Report Date:** 03/21/08

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs 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 Woods Hole Labs.

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.



Air Canister Tracking

Select Status Enter Bottle Order # Print Labels Cert. / Batch #

Aircan Id	Container Type	Container Status	Bottle Order	Bottle Sample	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
241	2.7L Sumrr	RECEIVED	40589	L0803595-02	07-MAR-2008		L0802567	-29.6	-2.7					17-MAR-2008 05
559	2.7L Sumrr	RECEIVED	40589	L0803595-01	07-MAR-2008		L0802567	-29.6	-0.6					17-MAR-2008 05
530	2.7L Sumrr	RECEIVED	40589	L0803595-03	07-MAR-2008		L0802567	-29.6	+0.6					17-MAR-2008 05
336	2.7L Sumrr	RECEIVED	40589	L0803595-04	07-MAR-2008		L0802567	-29.6						17-MAR-2008 05
0265	1hr-2hr Ret	RECEIVED	40589	L0803595-03	07-MAR-2008	06-MAR-2008				19.2	20.1	5		17-MAR-2008 05
0077	1hr-2hr Ret	RECEIVED	40589	L0803595-04	07-MAR-2008	06-MAR-2008				19.3				17-MAR-2008 05
0144	1hr-2hr Ret	RECEIVED	40589	L0803595-01	07-MAR-2008	06-MAR-2008				19.2	20.3	6		17-MAR-2008 05
0406	1hr-2hr Ret	RECEIVED	40589	L0803595-02	07-MAR-2008	06-MAR-2008				19.3	20.6	7		17-MAR-2008 05