Section 1

Phase II ESA

Bradford Site

Stonecipher & Clark
Environmental Solutions, LLC

Phase II Environmental Site Assessment

Bradford Auto Body and Auction House
Tax ID: 09-57-0232
Bradford, Vermont

Phase II Environmental Site Assessment
For
Bradford Auto Body and Auction House

Prepared For:
Lake Sunapee Bank
200 Heater Road
Lebanon, NH 03766

Prepared By:
Stonecipher & Clark Environmental Solutions, LLC
760 Main Street
PO Box 542
Franconia, NH 03580

Project 2013-018
Stonecipher & Clark Environmental Solutions, LLC

Appendices

Appendix A – Site Locus Map
Soil Boring Location Map

Appendix B –Laboratory Reports
Soil and Groundwater Tables
Soil Boring Logs

Appendix C – Photographs

Project 2013-018
April 29, 2013

Lake Sunapee Bank
200 Heater Road
Lebanon, NH 03766

Subject: Phase II Environmental Site Assessment – Bradford Auto Body and Auction House – Bradford, Vermont

Dear Mr. Freeman,

Stonecipher & Clark Environmental Solutions, LLC (S&C) is pleased to submit this Phase II Environmental Site Assessment for Bradford Auto Body and Auction House in Bradford, Vermont. The report presents our field and research methods, results and recommendations regarding additional environmental due diligence for the Site. As part of this assessment, four soil borings were completed to assess potential impacts to the Site from Site activities associated with current or former property usage at the site and/or abutting properties.

The Site is shown on the Site Locus which is included with this report. An Aerial Photo depicting soil boring locations is also provided, as are site photographs, laboratory reports and associated tables.

1.0 Property Research

Currently the property and Site structure are owned by Bradford Oil Company, Inc. located in Bradford, Vermont. The property and structure are located on the corner of Route 25 and Route 5 in Bradford, Vermont. The structure contains an auto body shop, auction house and antique shop. The structure has remained in its current configuration for numerous decades.

A Phase I was completed in April 2013 by S&C. The report was reviewed and summarized as follows:

- Phase I ESA-April 2013

No conclusions were made regarding asbestos-contain materials, indoor vapor intrusion, radon, mold or lead based paint since these issues were not part of the ASTM standard.

The Environmental Risk Rating was defined as moderate to high and included the following reasons:

- The Site tenant, Smith's Auto Body has floor drains that reportedly discharge to the onsite septic system on the east end of the Site.
- In-ground lifts were previously located onsite, and reportedly by Mr. Jim O'Donnell, employee of Bradford Oil Company, Inc., the lifts were removed and concreted over in 2012. Mr. O'Donnell does not have documentation regarding the removal.

- Previously, numerous USTs (gasoline and kerosene) were located on the Site. USTs have been since removed from the Site. Mr. O'Donnell reports that no additional USTs are located on Site. Additional USTs are located across Route 5 at the Jiffy Mart. Numerous USTs have been located on the Jiffy Mart site throughout the decades.

Based on the above mentioned concerns, S&C recommended the following occur:

Based on these findings S&C recommends performing a subsurface investigation at the Site. S&C recommends performing one day of drilling within the vicinity of the onsite septic system, former in-ground lifts as well as down gradient of the up gradient Jiffy Mart (abutter to the west across Route 5) and former onsite USTs to determine if soil and/or groundwater impacts have occurred with respect to the abutting site use, or previous or current onsite uses. S&C recommends sampling for Volatile Organic Compounds and 8 RCRA Metals in the groundwater as well as Total Petroleum Hydrocarbons, Volatile Organic Compounds and 8 RCRA Metals in the soils.

2.0 Current and Previous Property Usage

According to property information recorded by the Town of Bradford, the current owner of the property is Bradford Oil Company, Inc. According to the Bradford tax records, the original Site building is still located onsite. The building is approximately 250' by 50'. The Site is referred to as Tax Map 09, Lot 57-0232, consisting of 1.8 acres. The Site is referenced in Book 75, Page 417 and 418 and is located in a commercially zone area.

Records were reviewed dating back to the 1940's. The Site has had multiple uses since the 1940s. Site uses include farm equipment sales in the 1940s, automobile dealership and gasoline service station from the late 1940's until the 1990s, repair shop, auto body shop and retail space to present day.

2.1 Adjoining Property Usage

The Site is abutted to the north by JW Landscaping, to the west by Route 5 followed by the Jiffy Mart (owned by Bradford Oil, Inc. also) and Hungry Bear Restaurant, to the south by Route 25 followed by Kinney Drug Store, and to the east by an agricultural field, residential property and Junction Shop.

The Jiffy Mart has had numerous USTs throughout the decades.

2.2 Description of Structures, Roads and other Improvements

The Site contains one 250' by 50' wooden structure that sits atop a concrete slab. The structure has remained onsite for numerous decades. The Site contains propane fired heat and is served by municipal water. The Site has a septic system dating back to the mid-1900s. It is located off the eastern end of the property. Electricity is provided to the Site via a pole mounted transformer located on the street. The Site sits on the northeast corner of the Route 25/Route 5 Intersection in Bradford, Vermont.

3.0 Field Methods

On April 18, 2013 S&C observed the advancement of four soil borings at the Site. The boring locations were selected by S&C personnel and installed by Tri-State Drilling of West Burke, Vermont using a 4.25" hollow stem auger. The approximate locations of the soil borings are shown on the attached site sketch. The locations were selected in an effort to assess areas of concern. Groundwater was encountered at 15' below grade at all locations. Borings were advanced to a 30' depth in all four locations.

Soil samples were obtained from each soil boring and field screened for the presence of Volatile Organic Compounds (VOC) with a Photo Ionization Detector (PID), Mini-Rae 2000 using the standard operation procedure of "headspace analysis". Headspace analysis consists of filling a clean, 8 ounce jar halfway with a representative soil sample, applying a layer of aluminum foil over the top, and screwing the cap tightly to entrap the VOCs. The sample is allowed to equilibrate to approximately 70 degrees Fahrenheit. After equilibration, the cover is removed and the tip of the OVM is pierced through the foil to obtain a reading. Precise replication of the procedure is necessary to obtain the best quality data from field screening.

The results from this field screening and a description of the soils are included on the soil boring logs which are appended to this report. PID readings ranged from 0 to 8.4 ppm.

Wells were NOT installed as part of this Phase II ESA, yet, following advancement, groundwater samples were retrieved from each soil boring. Augers were steam cleaned between soil borings to insure that cross contamination did not occur. Boring locations were chosen due to the following concerns: SB-1-vicinity of down gradient location of abutting Jiffy Mart; SB-2-vicinity of potential down gradient location of in-ground lifts, auto body shop garage doors and former USTs; SB-3 and SB-4-vicinity of down gradient locations of floor drain discharge, septic system discharge.

All four soil samples were retrieved at the soil/water interface. Samples were placed in properly cleaned containers, labeled and stored on ice. The soil samples were then packaged on ice in a shipping cooler and transported to Aquarian Analytical under chain of custody documentation. The soil samples were submitted for laboratory analysis for Volatile Organic Compounds (VOCs) and Total Petroleum Hydrocarbons (TPH) from all four soil boring locations and also for 8 RCRA Metals at SB-2, SB-3 and SB-4.

Groundwater samples were retrieved from the Site borings following standard operating procedures (SOP) for groundwater sampling. The SOPs have been developed for groundwater samples that are collected for laboratory analysis and are as follows: Clean sampling equipment is critical to obtain quality data that is representative of in-situ conditions. All equipment was properly decontaminated prior to making a groundwater measurement and/or collected samples from each boring location.

4.0 Results

4.1 Soil Results/Discussion

Soils observed during the advancement of soil borings SB-1 through SB-4 consisted primarily of fine to course sands. The water table was generally encountered around fifteen feet. PID readings throughout the soils were below 10 ppm. Due to the low PID readings soil samples were collected at the soil/water interface.

Target analytes detected above State of Vermont Soil Screening Values (SSVs) include: arsenic (SB-3 and SB-4).

Additional analytes detected at below SSVs include the following: Barium (SB-2, SB-3 and SB-4); Arsenic (SB-2); Chromium (SB-2, SB-3 and SB-4); Lead (SB-2, SB-3 and SB-4); Naphthalene (SB-1); n-propybenzene (SB-1); 1,2,4 Trimethylbenzene (SB-1); Xylenes (SB-1); and n Butylbenzene (SB-1).

With regards to the Arsenic exceedances in both SB-3 and SB-4, the EPA reports the following: "Arsenic is also used as an ingredient for "paints, dyes, metals, drugs, soaps and semi-conductors."

4.2 Groundwater Results/Discussion

Groundwater samples were collected from the following locations: SB-1, SB-2, SB-3 and SB-4 and submitted to Aquarian Analytical, Inc. for analysis of VOCs via method EPA 8260B and 8 RCRA Metals.

The following constituents were detected above the State of Vermont Groundwater Enforcement Standards at the following locations: Arsenic, Barium, Cadmium, Chromium, Lead at SB-2, SB-3 and SB-4 as well as MtBE in SB-1, Dichloromethane in SB-3 and SB-4, 1, 2, 4 Trimethylbenzene in SB-2 and 1,3, 5 Trimethylbenzene in both SB-1 and SB-2.

Additional constituents which do not have a standard listed in the State of Vermont Groundwater Enforcement Standards or the EPA Maximum Contaminant Level (MCL) that were detected include the following: Isopropylbenzene (SB-1), n Butylbenzene (SB-1, SB-2), tert butyl alcohol (SB-1).

Trichloromethane (chloroform) does have an EPA MCL of 80 ug/l. Concentrations of Trichloromethane in SB-2 and SB-4 (2.9 and 2.4 ug/l respectively) is far below the EPA MCL.

Additional analytes were detected at below the Vermont Groundwater Enforcement Standards at the following locations: Benzene (SB-1); MtBE (SB-2, SB-3 and SB-4); Toluene (SB-4); Trichloroethylene (SB-3 and SB-4); Xylenes (SB-1 and SB-3); Bromochloromethane (SB-4).

- *MtBE is a former additive used in gasoline as an oxidizer. Based on the location of SB-1 (upgradient of the Site), the MtBE detected is likely due to groundwater contamination associated with either an isolated release or an upgradient source.*

- *Dichloromethane (detected in SB-3 and SB-4 at above standard concentrations) is widely used as a paint stripper and degreaser.*

- *Both 1,2,4 Trimethylbenzene (detected at above standard concentrations in SB-2) and 1, 3, 5 Trimethylbenzene (detected at above standard concentrations in SB-1 and SB-2) are gasoline additives.*

- *With regards to the Arsenic exceedances in SB-2, SB-3 and SB-4, the EPA reports the following: "Arsenic is also used as an ingredient for "paints, dyes, metals, drugs, soaps and semi-conductors." Arsenic is also naturally occurring in Vermont.*

- *The precipitate of the compound Barium is used in paints and varnishes, and also as a filler in ringing ink, plastics, and rubbers. Other Barium uses are barium bearing alloys, lead-tin soldering alloys and alloy with nickel for spark plugs, an additive to steel and cast iron and alloys with calcium, manganese, silicon and aluminum as high-grade steel deoxidizers.*

- *Cadmium has been utilized in the painting industry to create yellow, red and orange pigments. Cadmium is also a major component of batteries.*

- *Chromium has also been utilized in the painting industry to create pigments.*

- *Lead pigments were used in lead paint for white as well as yellow, orange, and red. Lead was used in car body filler, which was used in many custom cars in the 1940s–60s.*

5.0 Conclusions

Four soil borings were advanced during this assessment. Boring locations were determined based on onsite and offsite conditions.

Groundwater was encountered at approximately fifteen feet below grade at all four locations.

Soil borings were advanced to a thirty foot depth at all four locations.

Based on the State of Vermont Soil Screening Values, exceedances occurred at both SB-3 and SB-4 for arsenic.

Additional analytes detected at below SSVs include the following: Barium (SB-2, SB-3 and SB-4); Arsenic (SB-2); Chromium (SB-2, SB-3 and SB-4); Lead (SB-2, SB-3 and SB-4); Naphthalene (SB-1); n-propybenzene (SB-1); 1,2,4 Trimethylbenzene (SB-1); Xylenes (SB-1) and n Butylbenzene (SB-1).

The following constituents were detected above the State of Vermont Groundwater Enforcement Standards at the following locations: Arsenic, Barium, Cadmium, Chromium, Lead at SB-2, SB-3 and SB-4 as well as 1, 2, 4 Trimethylbenzene in SB-2 ,and 1,3, 5 Trimethylbenzene in both SB-1 and SB-2. Additional constituents which do not have a standard listed in the State of Vermont Groundwater Enforcement Standards that were detected include the following: Isopropylbenzene (SB-1); Trichloromethane (SB-2); n Butylbenzene (SB-1, SB-2); Silver (SB-2, SB-3 and SB-4).

Additional analytes were detected at below the Vermont Groundwater Enforcement Standards at the following locations: Benzene (SB-1); Toluene (SB-2, SB-3 and SB-4); MtBE (SB-1, SB-2, SB-3 and SB-4); Toluene (SB-4); Trichloroethylene (SB-3 and SB-4); Xylenes (SB-1 and SB-3); and Bromochloromethane (SB-4).

The majority of constituents with State of Vermont Groundwater Enforcement Standard exceedances are related to either the petroleum or the painting industry, both being activities that are or have been occurring on the Site. Petroleum related exceedances at the upgradient SB-1 location may be due to activities from an off-site source or an isolated release at the Site.

6.0 Recommendations

Due to the soil exceedances in SB-3 and SB-4 for Arsenic as well as groundwater exceedances for the following analytes : Arsenic (SB-2, SB-3 and SB-4); Barium (SB-2, SB-3 and SB-4); Cadmium (SB-2, SB-3 and SB-4); Chromium (SB-2, SB-3 and SB-4); Lead (SB-2, SB-3 and SB-4); 1,2,4 Trimethylbenzene (SB2); and 1,3,5 Trimethylbenzene (SB-1 and SB-2), Dichloromethane (SB-3 and SB-4), MtBE (SB-1), S&C recommends that the State of Vermont Agency of Natural Resources and Department of Environmental Conservation Compliance and Enforcement Division be notified to determine further action.

S&C recommends that the potential buyer prepare an indemnification agreement with the seller, protecting the buyer from any impacts that the soil and groundwater exceedances may render. S&C also recommends that the current owner remain the responsible party with respect to any additional investigations and remediation efforts that the State of Vermont Agency of Natural Resources and Department of Environmental Conservation Compliance and Enforcement Division may have with respect to the above determined exceedances.

S&C recommends that the onsite septic system be disconnected and the Site be connected to the town sewer.

S&C recommends that the floor drains in the auto body shop be closed off with concrete or rerouted to discharge to a holding tank.

S&C recommends that the current owner provide documentation that the in-ground lift system components (hydraulic oil tanks, pistons, piping) were removed at the time of closure. If proper documentation is not available, S&C recommends that the current owner remain the responsible party with regards to any future investigations or remedial efforts with respect to the associated chemical concerns, such as hydraulic oils containing PCBs.

S&C recommends that an environmental professional be on site during any future excavation activities or demolition activities with regards to the structure and associated concrete pad.

If you have any questions or comments, please contact the undersigned.

Sincerely,

Jennifer Stonecipher
Environmental Manager
Stonecipher & Clark Environmental Solutions, LLC

APPENDIX A

Stonecipher& Clark Environmental Solutions, LLC
760 Main Street, PO Box 542
Franconia, New Hampshire 03580

603.823.9080

Client: Lake Sunapee Bank

Project: Lake Sunapee Bank ESA 2013-018

Date: April 2013

Site Locus

Stonecipher& Clark Environmental Solutions, LLC
760 Main Street, PO Box 542
Franconia, New

Hampshire 03580 603.823.9080

Client: Lake Sunapee Bank

Project: Lake Sunapee Bank ESA 2013-018

Date: April 24, 2013

SOIL BORING LOCATIONS

(APPROXIMATE)

APPENDIX B

Soil Sample Results
2013-018-Lake Sunapee Bank Phase II ESA

Analytes	Vermont Industrial Soil	SB-1 4/18/2013	SB-2 4/18/2013	SB-3 4/18/2013	SB-4 4/18/2013
RCRA Metals	**Concentration (mg/kg)**				
Arsenic	1.6	Not Analyzed	1.0	**2**	**3**
Barium	19,000		89	44	110
Cadmium	800		<1	<1	<1
Chromium	1,500,005.6		35	22	42
Lead	800		8	6	10
Mercury	430		<0.23	<0.20	<0.23
Selenium	5,100		<1	<1	<1
Silver	5,100		<1	<1	<1
Hydrocarbons	**Concentration (mg/kg)**				
Total Petroleum Hydrocarbons (TPH)	1,000	<5	<5	<5	<5
Naphthalene	180	0.27	<0.13	<0.17	<0.21
n-Propylbenzene	3,400	0.13	<0.07	<0.09	<0.10
1,2,4 Trimethylbenzene	62	1	<0.07	<0.09	<0.10
1,3,5 Trimethylbenzene	780	0.37	<0.07	<0.09	<0.10
Tota Xylenes	1,880	0.14	<0.20	<0.26	<0.31
n Butylbenzene	3,900	0.16	<0.07	<0.09	<0.10

Groundwater Sample Results
2013-018-Lake Sunapee Bank Phase II ESA

Analytes	Groundwater Enforcement	Preventive Action Level	SB-1	SB-2	SB-3	SB-4
			4/18/2013	4/18/2013	4/18/2013	4/18/2013
RCRA Metals	**Concentration (ug/l)**	**Concentration (ug/l)**				
Arsenic	10	1.0	Not Analyzed	**180**	**180**	**160**
Barium	2,000	1,000		**2200**	**2400**	**2400**
Cadmium	5	2.5		**11**	**11**	**11**
Chromium	100	50		**1400**	**1700**	**2000**
Lead	15	1.5		**220**	**230**	**240**
Mercury	2	0.5		<0.4	<0.4	<0.4
Selenium	50	25		<2	6	4
Silver	No VT Standard	No VT Standard		7	7	8
VOCs						
Benzene	5	0.5	2.5	<0.8	<0.8	<0.8
Isopropylbenzene	No VT Standard	No VT Standard	3.1	<2	<2	<2
MtBE	40	20	**5000**	13	1.1	1.3
Toluene	1,000	500	<2	<2	<2	2.5
Trichloroethylene	5	0.5	<0.8	<0.8	1.2	2
Trichloromethane (chloroform)	80*		<2	2.9	<2	2.4
Naphthalene	20	10	<4	<4	<4	<4
n-Propylbenzene	No VT Standard-No EPA MCL	No VT Standard-No EPA MCL	<2	<2	<2	<2
1,2,4 Trimethylbenzene	5	2.5	<2	**12**	<2	<2
1,3,5 Trimethylbenzene	4	2	**47**	**6.8**	<2	<2
Tota Xylenes	10,000	5,000	31.7	<6	2.1	<6
Bromochloromethane	90	9	<2	<2	<2	5.4
n Butylbenzene	No VT Standard-No EPA MCL	No VT Standard-No EPA MCL	6.6	2.1	<2	<2
1,1,1 Trichloroethane	200	100	<2	<2	6.7	24
Dichloromethane	5	0.5	<4	<4	**1300**	**4500**
tert butyl alchohol	No VT Standard-No EPA MCL	No VT Standard-No EPA MCL	430	<20	<20	<20

* EPA Maximum Contaminant Level (MCL)

Aquarian Analytical, Inc.

Laboratory Services

153 West Road
Canterbury, N.H. 03224
Phone - 603-783-9097
www.Aquarianlabs.com

ACCREDITED IN ACCORDANCE WITH nelac

29 April 2013

Ms. Jennifer Stonecipher
Stonecipher & Clark Environmental Solutions
760 Main Street P.O. Box 542
Franconia, NH 03580

RE: Lake Sunapee Phase II - Bradford, VT

Dear Ms. Stonecipher:

Enclosed are the results of analyses for the following samples, which were received at 2 c.

Laboratory ID	Sample ID	Sample matrix	Date sampled	Date received
1304131-01	**SB-1**	Soil	18-Apr-13 11:00	19-Apr-13 13:00
1304131-02	**SB-1**	Water	18-Apr-13 14:00	19-Apr-13 13:00
1304131-03	**SB-2**	Soil	18-Apr-13 15:00	19-Apr-13 13:00
1304131-04	**SB-2**	Water	18-Apr-13 15:50	19-Apr-13 13:00
1304131-05	**SB-3**	Soil	18-Apr-13 17:00	19-Apr-13 13:00
1304131-06	**SB-3**	Water	18-Apr-13 17:45	19-Apr-13 13:00
1304131-07	**SB-4**	Soil	18-Apr-13 18:40	19-Apr-13 13:00
1304131-08	**SB-4**	Water	18-Apr-13 20:30	19-Apr-13 13:00

The results in this report relate only to the submitted samples. Please refer to our website listed above for a list of accredited parameters. If you have any questions concerning this report, please feel free to contact me.

Thomas Sideris For Alan G. Naber
Laboratory Director

Aquarian Analytical, Inc.

Laboratory Services

153 West Road
Canterbury, N.H. 03224
Phone - 603-783-9097
www.Aquarianlabs.com

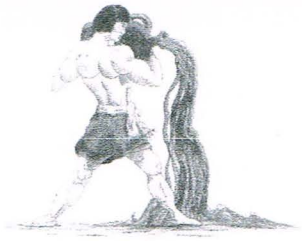
Stonecipher & Clark Environmental Solutions	Project: Lake Sunapee Phase II - Bradford, VT	
760 Main Street P.O. Box 542	Project Number: 2013-	**Reported:**
Franconia NH, 03580	Project Manager: Ms. Jennifer Stonecipher	29-Apr-13 13:10

SB-1
1304131-01 (Soil)

Sampled: 18-Apr-13

Volatile Organic Compounds by EPA 8260B

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	Notes
Acetone	67-64-1	BD	1.4	mg/Kg	25-Apr-13	
Benzene	71-43-2	BD	0.02	mg/Kg	25-Apr-13	
Bromobenzene	108-86-1	BD	0.06	mg/Kg	25-Apr-13	
Bromochloromethane	74-97-5	BD	0.06	mg/Kg	25-Apr-13	
Bromodichloromethane	75-27-4	BD	0.06	mg/Kg	25-Apr-13	
Bromoform	75-25-2	BD	0.06	mg/Kg	25-Apr-13	
Bromomethane	74-83-9	BD	0.06	mg/Kg	25-Apr-13	
Butylbenzene, n-	104-51-8	**0.16**	0.06	mg/Kg	25-Apr-13	
Butylbenzene, sec-	135-98-8	BD	0.06	mg/Kg	25-Apr-13	
Butylbenzene, tert-	98-06-6	BD	0.06	mg/Kg	25-Apr-13	
Carbon disulfide	75-15-0	BD	0.23	mg/Kg	25-Apr-13	
Carbon Tetrachloride	56-23-5	BD	0.06	mg/Kg	25-Apr-13	
Chloroethane	75-00-3	BD	0.06	mg/Kg	25-Apr-13	
Chloromethane	74-87-3	BD	0.11	mg/Kg	25-Apr-13	
Chlorotoluene, 2	95-49-8	BD	0.06	mg/Kg	25-Apr-13	
Chlorotoluene, 4	106-43-4	BD	0.06	mg/Kg	25-Apr-13	
Dibromochloromethane	124-48-1	BD	0.06	mg/Kg	25-Apr-13	
Dibromochloropropane	96-12-8	BD	0.11	mg/Kg	25-Apr-13	
Dibromomethane	74-95-3	BD	0.06	mg/Kg	25-Apr-13	
Dichlorobenzene, 1,2-	95-50-1	BD	0.06	mg/Kg	25-Apr-13	
Dichlorobenzene, 1,3-	541-73-1	BD	0.06	mg/Kg	25-Apr-13	
Dichlorobenzene, 1,4-	106-46-7	BD	0.06	mg/Kg	25-Apr-13	
Dichlorodifluoromethane	75-71-8	BD	0.11	mg/Kg	25-Apr-13	
Dichloroethane, 1,1-	75-34-3	BD	0.06	mg/Kg	25-Apr-13	
Dichloroethane, 1,2-	107-06-2	BD	0.06	mg/Kg	25-Apr-13	
Dichloroethylene, 1,1-	75-35-4	BD	0.06	mg/Kg	25-Apr-13	
Dichloroethylene, cis-1,2-	156-59-2	BD	0.06	mg/Kg	25-Apr-13	
Dichloroethylene, trans-1,2-	156-60-5	BD	0.06	mg/Kg	25-Apr-13	
Dichloromethane	75-09-2	BD	0.11	mg/Kg	25-Apr-13	
Dichloropropane, 1,2-	78-87-5	BD	0.06	mg/Kg	25-Apr-13	
Dichloropropane, 1,3-	142-28-9	BD	0.06	mg/Kg	25-Apr-13	
Dichloropropane, 2,2-	594-20-7	BD	0.17	mg/Kg	25-Apr-13	
Dichloropropene, 1,1-	563-58-6	BD	0.06	mg/Kg	25-Apr-13	
Dichloropropene, cis-1,3-	10061-01-5	BD	0.06	mg/Kg	25-Apr-13	
Dichloropropene, trans-1,3-	10061-02-6	BD	0.06	mg/Kg	25-Apr-13	
Diethyl Ether	60-29-7	BD	1.4	mg/Kg	25-Apr-13	
Diisopropyl Ether	108-20-3	BD	0.06	mg/Kg	25-Apr-13	
Ethylbenzene	100-41-4	BD	0.06	mg/Kg	25-Apr-13	
Ethylene dibromide	106-93-4	BD	0.06	mg/Kg	25-Apr-13	
Ethyl tert-Butyl Ether	637-92-3	BD	0.06	mg/Kg	25-Apr-13	



Aquarian Analytical, Inc.

Laboratory Services

153 West Road
Canterbury, N.H. 03224
Phone - 603-783-9097
www.Aquarianlabs.com

Stonecipher & Clark Environmental Solutions	Project: Lake Sunapee Phase II - Bradford, VT	
760 Main Street P.O. Box 542	Project Number: 2013-	**Reported:**
Franconia NH, 03580	Project Manager: Ms. Jennifer Stonecipher	29-Apr-13 13:10

SB-1
1304131-01 (Soil) Sampled: 18-Apr-13

Volatile Organic Compounds by EPA 8260B

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	Notes
Hexachlorobutadiene	87-68-3	BD	0.11	mg/Kg	25-Apr-13	
Isopropylbenzene	98-82-8	BD	0.06	mg/Kg	25-Apr-13	
Isopropyltoluene, p-	99-87-6	BD	0.06	mg/Kg	25-Apr-13	
Methyl Butyl Ketone (2-Hexanone)	591-78-6	BD	1.4	mg/Kg	25-Apr-13	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	BD	1.4	mg/Kg	25-Apr-13	
Methyl Isobutyl Ketone	108-10-1	BD	1.4	mg/Kg	25-Apr-13	
Methyl-tert-Butyl Ether	1634-04-4	BD	0.02	mg/Kg	25-Apr-13	
Monochlorobenzene	108-90-7	BD	0.06	mg/Kg	25-Apr-13	
Naphthalene	91-20-3	**0.27**	0.11	mg/Kg	25-Apr-13	
n-Propylbenzene	103-65-1	**0.13**	0.06	mg/Kg	25-Apr-13	
Styrene	100-42-5	BD	0.06	mg/Kg	25-Apr-13	
tert-Amyl Methyl Ether	994-05-8	BD	0.11	mg/Kg	25-Apr-13	
tert-Butyl alcohol	75-65-0	BD	0.57	mg/Kg	25-Apr-13	
Tetrachloroethane, 1,1,1,2-	630-20-6	BD	0.06	mg/Kg	25-Apr-13	
Tetrachloroethane, 1,1,2,2-	79-34-5	BD	0.06	mg/Kg	25-Apr-13	
Tetrachloroethylene	127-18-4	BD	0.06	mg/Kg	25-Apr-13	
Tetrahydrofuran	109-99-9	BD	1.4	mg/Kg	25-Apr-13	
Toluene	108-88-3	BD	0.06	mg/Kg	25-Apr-13	
Trichlorobenzene, 1,2,3-	87-61-6	BD	0.11	mg/Kg	25-Apr-13	
Trichlorobenzene, 1,2,4-	120-82-1	BD	0.11	mg/Kg	25-Apr-13	
Trichlorobenzene, 1,3,5-	108-70-3	BD	0.11	mg/Kg	25-Apr-13	
Trichloroethane, 1,1,1-	71-55-6	BD	0.06	mg/Kg	25-Apr-13	
Trichloroethane, 1,1,2-	79-00-5	BD	0.06	mg/Kg	25-Apr-13	
Trichloroethylene	79-01-6	BD	0.02	mg/Kg	25-Apr-13	
Trichloro 1,1,2-, trifluoro 1,2,2-, ethane	76-13-1	BD	0.11	mg/Kg	25-Apr-13	
Trichlorofluoromethane	75-69-4	BD	0.11	mg/Kg	25-Apr-13	
Trichloromethane	67-66-3	BD	0.06	mg/Kg	25-Apr-13	
Trichloropropane, 1,2,3-	96-18-4	BD	0.06	mg/Kg	25-Apr-13	
Trimethylbenzene, 1,2,4-	95-63-6	**1.0**	0.06	mg/Kg	25-Apr-13	
Trimethylbenzene, 1,3,5-	108-67-8	**0.37**	0.06	mg/Kg	25-Apr-13	
Vinyl chloride	75-01-4	BD	0.23	mg/Kg	25-Apr-13	
Xylenes, m & p-	108-38-3,106-42-3	**0.14**	0.11	mg/Kg	25-Apr-13	
Xylenes, o-	95-47-6	BD	0.06	mg/Kg	25-Apr-13	

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Stonecipher & Clark Environmental Solutions	Project: Lake Sunapee Phase II - Bradford, VT	
760 Main Street P.O. Box 542	Project Number: 2013-	**Reported:**
Franconia NH, 03580	Project Manager: Ms. Jennifer Stonecipher	29-Apr-13 13:10

SB-1
1304131-01 (Soil)

Sampled: 18-Apr-13

Total Petroleum Hydrocarbons

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	Method	Notes
TPH Fuel Oil	NA	BD	5.00	mg/Kg	26-Apr-13	EPA 8100/8015m	

% Solids, dry weight

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	Method	Notes
% Solids	NA	**76.5**	0.1	[blank]	22-Apr-13	% Calculation	

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Stonecipher & Clark Environmental Solutions	Project: Lake Sunapee Phase II - Bradford, VT	
760 Main Street P.O. Box 542	Project Number: 2013-	**Reported:**
Franconia NH, 03580	Project Manager: Ms. Jennifer Stonecipher	29-Apr-13 13:10

SB-1
1304131-02 (Water) Sampled: 18-Apr-13

Volatile Organic Compounds by EPA 8260B

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	prsrv Notes
Acetone	67-64-1	BD	50	ug/L	26-Apr-13	
Benzene	71-43-2	**2.5**	0.8	ug/L	26-Apr-13	
Bromobenzene	108-86-1	BD	2.0	ug/L	26-Apr-13	
Bromochloromethane	74-97-5	BD	2.0	ug/L	26-Apr-13	
Bromodichloromethane	75-27-4	BD	2.0	ug/L	26-Apr-13	
Bromoform	75-25-2	BD	2.0	ug/L	26-Apr-13	
Bromomethane	74-83-9	BD	2.0	ug/L	26-Apr-13	
Butylbenzene, n-	104-51-8	**6.6**	2.0	ug/L	26-Apr-13	
Butylbenzene, sec-	135-98-8	BD	2.0	ug/L	26-Apr-13	
Butylbenzene, tert-	98-06-6	BD	2.0	ug/L	26-Apr-13	
Carbon disulfide	75-15-0	BD	8.0	ug/L	26-Apr-13	
Carbon Tetrachloride	56-23-5	BD	2.0	ug/L	26-Apr-13	
Chloroethane	75-00-3	BD	2.0	ug/L	26-Apr-13	
Chloromethane	74-87-3	BD	4.0	ug/L	26-Apr-13	
Chlorotoluene, 2	95-49-8	BD	2.0	ug/L	26-Apr-13	
Chlorotoluene, 4	106-43-4	BD	2.0	ug/L	26-Apr-13	
Dibromochloromethane	124-48-1	BD	2.0	ug/L	26-Apr-13	
Dibromochloropropane	96-12-8	BD	4.0	ug/L	26-Apr-13	
Dibromomethane	74-95-3	BD	2.0	ug/L	26-Apr-13	
Dichlorobenzene, 1,2-	95-50-1	BD	2.0	ug/L	26-Apr-13	
Dichlorobenzene, 1,3-	541-73-1	BD	2.0	ug/L	26-Apr-13	
Dichlorobenzene, 1,4-	106-46-7	BD	2.0	ug/L	26-Apr-13	
Dichlorodifluoromethane	75-71-8	BD	4.0	ug/L	26-Apr-13	
Dichloroethane, 1,1-	75-34-3	BD	2.0	ug/L	26-Apr-13	
Dichloroethane, 1,2-	107-06-2	BD	2.0	ug/L	26-Apr-13	
Dichloroethylene, 1,1-	75-35-4	BD	2.0	ug/L	26-Apr-13	
Dichloroethylene, cis-1,2-	156-59-2	BD	2.0	ug/L	26-Apr-13	
Dichloroethylene, trans-1,2-	156-60-5	BD	2.0	ug/L	26-Apr-13	
Dichloromethane	75-09-2	BD	4.0	ug/L	26-Apr-13	
Dichloropropane, 1,2-	78-87-5	BD	2.0	ug/L	26-Apr-13	
Dichloropropane, 1,3-	142-28-9	BD	2.0	ug/L	26-Apr-13	
Dichloropropane, 2,2-	594-20-7	BD	6.0	ug/L	26-Apr-13	
Dichloropropene, 1,1-	563-58-6	BD	2.0	ug/L	26-Apr-13	
Dichloropropene, cis-1,3-	10061-01-5	BD	2.0	ug/L	26-Apr-13	
Dichloropropene, trans-1,3-	10061-02-6	BD	2.0	ug/L	26-Apr-13	
Diethyl Ether	60-29-7	BD	50	ug/L	26-Apr-13	
Diisopropyl Ether	108-20-3	BD	2.0	ug/L	26-Apr-13	
Ethylbenzene	100-41-4	BD	2.0	ug/L	26-Apr-13	
Ethylene dibromide	106-93-4	BD	2.0	ug/L	26-Apr-13	
Ethyl tert-Butyl Ether	637-92-3	BD	2.0	ug/L	26-Apr-13	

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Stonecipher & Clark Environmental Solutions	Project: Lake Sunapee Phase II - Bradford, VT	
760 Main Street P.O. Box 542	Project Number: 2013-	**Reported:**
Franconia NH, 03580	Project Manager: Ms. Jennifer Stonecipher	29-Apr-13 13:10

SB-1
1304131-02 (Water)

Sampled: 18-Apr-13

Volatile Organic Compounds by EPA 8260B

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	prsrv Notes
Hexachlorobutadiene	87-68-3	BD	4.0	ug/L	26-Apr-13	
Isopropylbenzene	98-82-8	**3.1**	2.0	ug/L	26-Apr-13	
Isopropyltoluene, p-	99-87-6	BD	2.0	ug/L	26-Apr-13	
Methyl Butyl Ketone (2-Hexanone)	591-78-6	BD	50	ug/L	26-Apr-13	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	BD	50	ug/L	26-Apr-13	
Methyl Isobutyl Ketone	108-10-1	BD	50	ug/L	26-Apr-13	
Monochlorobenzene	108-90-7	BD	2.0	ug/L	26-Apr-13	
Naphthalene	91-20-3	BD	4.0	ug/L	26-Apr-13	
n-Propylbenzene	103-65-1	BD	2.0	ug/L	26-Apr-13	
Styrene	100-42-5	BD	2.0	ug/L	26-Apr-13	
tert-Amyl Methyl Ether	994-05-8	BD	4.0	ug/L	26-Apr-13	
Tetrachloroethane, 1,1,1,2-	630-20-6	BD	2.0	ug/L	26-Apr-13	
Tetrachloroethane, 1,1,2,2-	79-34-5	BD	2.0	ug/L	26-Apr-13	
Tetrachloroethylene	127-18-4	BD	2.0	ug/L	26-Apr-13	
Tetrahydrofuran	109-99-9	BD	50	ug/L	26-Apr-13	
Toluene	108-88-3	BD	2.0	ug/L	26-Apr-13	
Trichlorobenzene, 1,2,3-	87-61-6	BD	4.0	ug/L	26-Apr-13	
Trichlorobenzene, 1,2,4-	120-82-1	BD	4.0	ug/L	26-Apr-13	
Trichlorobenzene, 1,3,5-	108-70-3	BD	4.0	ug/L	26-Apr-13	
Trichloroethane, 1,1,1-	71-55-6	BD	2.0	ug/L	26-Apr-13	
Trichloroethane, 1,1,2-	79-00-5	BD	2.0	ug/L	26-Apr-13	
Trichloroethylene	79-01-6	BD	0.8	ug/L	26-Apr-13	
Trichloro 1,1,2-, trifluoro 1,2,2-, ethane	76-13-1	BD	4.0	ug/L	26-Apr-13	
Trichlorofluoromethane	75-69-4	BD	4.0	ug/L	26-Apr-13	
Trichloromethane	67-66-3	BD	2.0	ug/L	26-Apr-13	
Trichloropropane, 1,2,3-	96-18-4	BD	2.0	ug/L	26-Apr-13	
Trimethylbenzene, 1,2,4-	95-63-6	BD	2.0	ug/L	26-Apr-13	
Trimethylbenzene, 1,3,5-	108-67-8	**47**	2.0	ug/L	26-Apr-13	
Vinyl chloride	75-01-4	BD	0.8	ug/L	26-Apr-13	
Xylenes, m & p-	108-38-3,106-42-3	**22**	4.0	ug/L	26-Apr-13	
Xylenes, o-	95-47-6	**9.7**	2.0	ug/L	26-Apr-13	

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760 Main Street P.O. Box 542	Project Number: 2013-	**Reported:**
Franconia NH, 03580	Project Manager: Ms. Jennifer Stonecipher	29-Apr-13 13:10

SB-1
1304131-02RE1 (Water) Sampled: 18-Apr-13

Volatile Organic Compounds by EPA 8260B

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	prsrv Notes
Methyl-tert-Butyl Ether	1634-04-4	**5000**	40	ug/L	26-Apr-13	

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Stonecipher & Clark Environmental Solutions	Project: Lake Sunapee Phase II - Bradford, VT	
760 Main Street P.O. Box 542	Project Number: 2013-	**Reported:**
Franconia NH, 03580	Project Manager: Ms. Jennifer Stonecipher	29-Apr-13 13:10

SB-1
1304131-02RE2 (Water) Sampled: 18-Apr-13

Volatile Organic Compounds by EPA 8260B

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	prsrv Notes
tert-Butyl alcohol	75-65-0	**430**	20	ug/L	26-Apr-13	

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Stonecipher & Clark Environmental Solutions	Project: Lake Sunapee Phase II - Bradford, VT	
760 Main Street P.O. Box 542	Project Number: 2013-	**Reported:**
Franconia NH, 03580	Project Manager: Ms. Jennifer Stonecipher	29-Apr-13 13:10

SB-2
1304131-03 (Soil) Sampled: 18-Apr-13

Volatile Organic Compounds by EPA 8260B

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	Notes
Acetone	67-64-1	BD	1.7	mg/Kg	25-Apr-13	
Benzene	71-43-2	BD	0.03	mg/Kg	25-Apr-13	
Bromobenzene	108-86-1	BD	0.07	mg/Kg	25-Apr-13	
Bromochloromethane	74-97-5	BD	0.07	mg/Kg	25-Apr-13	
Bromodichloromethane	75-27-4	BD	0.07	mg/Kg	25-Apr-13	
Bromoform	75-25-2	BD	0.07	mg/Kg	25-Apr-13	
Bromomethane	74-83-9	BD	0.07	mg/Kg	25-Apr-13	
Butylbenzene, n-	104-51-8	BD	0.07	mg/Kg	25-Apr-13	
Butylbenzene, sec-	135-98-8	BD	0.07	mg/Kg	25-Apr-13	
Butylbenzene, tert-	98-06-6	BD	0.07	mg/Kg	25-Apr-13	
Carbon disulfide	75-15-0	BD	0.27	mg/Kg	25-Apr-13	
Carbon Tetrachloride	56-23-5	BD	0.07	mg/Kg	25-Apr-13	
Chloroethane	75-00-3	BD	0.07	mg/Kg	25-Apr-13	
Chloromethane	74-87-3	BD	0.13	mg/Kg	25-Apr-13	
Chlorotoluene, 2	95-49-8	BD	0.07	mg/Kg	25-Apr-13	
Chlorotoluene, 4	106-43-4	BD	0.07	mg/Kg	25-Apr-13	
Dibromochloromethane	124-48-1	BD	0.07	mg/Kg	25-Apr-13	
Dibromochloropropane	96-12-8	BD	0.13	mg/Kg	25-Apr-13	
Dibromomethane	74-95-3	BD	0.07	mg/Kg	25-Apr-13	
Dichlorobenzene, 1,2-	95-50-1	BD	0.07	mg/Kg	25-Apr-13	
Dichlorobenzene, 1,3-	541-73-1	BD	0.07	mg/Kg	25-Apr-13	
Dichlorobenzene, 1,4-	106-46-7	BD	0.07	mg/Kg	25-Apr-13	
Dichlorodifluoromethane	75-71-8	BD	0.13	mg/Kg	25-Apr-13	
Dichloroethane, 1,1-	75-34-3	BD	0.07	mg/Kg	25-Apr-13	
Dichloroethane, 1,2-	107-06-2	BD	0.07	mg/Kg	25-Apr-13	
Dichloroethylene, 1,1-	75-35-4	BD	0.07	mg/Kg	25-Apr-13	
Dichloroethylene, cis-1,2-	156-59-2	BD	0.07	mg/Kg	25-Apr-13	
Dichloroethylene, trans-1,2-	156-60-5	BD	0.07	mg/Kg	25-Apr-13	
Dichloromethane	75-09-2	BD	0.13	mg/Kg	25-Apr-13	
Dichloropropane, 1,2-	78-87-5	BD	0.07	mg/Kg	25-Apr-13	
Dichloropropane, 1,3-	142-28-9	BD	0.07	mg/Kg	25-Apr-13	
Dichloropropane, 2,2-	594-20-7	BD	0.20	mg/Kg	25-Apr-13	
Dichloropropene, 1,1-	563-58-6	BD	0.07	mg/Kg	25-Apr-13	
Dichloropropene, cis-1,3-	10061-01-5	BD	0.07	mg/Kg	25-Apr-13	
Dichloropropene, trans-1,3-	10061-02-6	BD	0.07	mg/Kg	25-Apr-13	
Diethyl Ether	60-29-7	BD	1.7	mg/Kg	25-Apr-13	
Diisopropyl Ether	108-20-3	BD	0.07	mg/Kg	25-Apr-13	
Ethylbenzene	100-41-4	BD	0.07	mg/Kg	25-Apr-13	
Ethylene dibromide	106-93-4	BD	0.07	mg/Kg	25-Apr-13	
Ethyl tert-Butyl Ether	637-92-3	BD	0.07	mg/Kg	25-Apr-13	

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Stonecipher & Clark Environmental Solutions	Project: Lake Sunapee Phase II - Bradford, VT	
760 Main Street P.O. Box 542	Project Number: 2013-	**Reported:**
Franconia NH, 03580	Project Manager: Ms. Jennifer Stonecipher	29-Apr-13 13:10

SB-2
1304131-03 (Soil) Sampled: 18-Apr-13

Volatile Organic Compounds by EPA 8260B

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	Notes
Hexachlorobutadiene	87-68-3	BD	0.13	mg/Kg	25-Apr-13	
Isopropylbenzene	98-82-8	BD	0.07	mg/Kg	25-Apr-13	
Isopropyltoluene, p-	99-87-6	BD	0.07	mg/Kg	25-Apr-13	
Methyl Butyl Ketone (2-Hexanone)	591-78-6	BD	1.7	mg/Kg	25-Apr-13	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	BD	1.7	mg/Kg	25-Apr-13	
Methyl Isobutyl Ketone	108-10-1	BD	1.7	mg/Kg	25-Apr-13	
Methyl-tert-Butyl Ether	1634-04-4	BD	0.03	mg/Kg	25-Apr-13	
Monochlorobenzene	108-90-7	BD	0.07	mg/Kg	25-Apr-13	
Naphthalene	91-20-3	BD	0.13	mg/Kg	25-Apr-13	
n-Propylbenzene	103-65-1	BD	0.07	mg/Kg	25-Apr-13	
Styrene	100-42-5	BD	0.07	mg/Kg	25-Apr-13	
tert-Amyl Methyl Ether	994-05-8	BD	0.13	mg/Kg	25-Apr-13	
tert-Butyl alcohol	75-65-0	BD	0.67	mg/Kg	25-Apr-13	
Tetrachloroethane, 1,1,1,2-	630-20-6	BD	0.07	mg/Kg	25-Apr-13	
Tetrachloroethane, 1,1,2,2-	79-34-5	BD	0.07	mg/Kg	25-Apr-13	
Tetrachloroethylene	127-18-4	BD	0.07	mg/Kg	25-Apr-13	
Tetrahydrofuran	109-99-9	BD	1.7	mg/Kg	25-Apr-13	
Toluene	108-88-3	BD	0.07	mg/Kg	25-Apr-13	
Trichlorobenzene, 1,2,3-	87-61-6	BD	0.13	mg/Kg	25-Apr-13	
Trichlorobenzene, 1,2,4-	120-82-1	BD	0.13	mg/Kg	25-Apr-13	
Trichlorobenzene, 1,3,5-	108-70-3	BD	0.13	mg/Kg	25-Apr-13	
Trichloroethane, 1,1,1-	71-55-6	BD	0.07	mg/Kg	25-Apr-13	
Trichloroethane, 1,1,2-	79-00-5	BD	0.07	mg/Kg	25-Apr-13	
Trichloroethylene	79-01-6	BD	0.03	mg/Kg	25-Apr-13	
Trichloro 1,1,2-, trifluoro 1,2,2-, ethane	76-13-1	BD	0.13	mg/Kg	25-Apr-13	
Trichlorofluoromethane	75-69-4	BD	0.13	mg/Kg	25-Apr-13	
Trichloromethane	67-66-3	BD	0.07	mg/Kg	25-Apr-13	
Trichloropropane, 1,2,3-	96-18-4	BD	0.07	mg/Kg	25-Apr-13	
Trimethylbenzene, 1,2,4-	95-63-6	BD	0.07	mg/Kg	25-Apr-13	
Trimethylbenzene, 1,3,5-	108-67-8	BD	0.07	mg/Kg	25-Apr-13	
Vinyl chloride	75-01-4	BD	0.27	mg/Kg	25-Apr-13	
Xylenes, m & p-	108-38-3,106-42-3	BD	0.13	mg/Kg	25-Apr-13	
Xylenes, o-	95-47-6	BD	0.07	mg/Kg	25-Apr-13	

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Stonecipher & Clark Environmental Solutions	Project: Lake Sunapee Phase II - Bradford, VT	
760 Main Street P.O. Box 542	Project Number: 2013-	**Reported:**
Franconia NH, 03580	Project Manager: Ms. Jennifer Stonecipher	29-Apr-13 13:10

SB-2
1304131-03 (Soil) Sampled: 18-Apr-13

Total Petroleum Hydrocarbons

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	Method	Notes
TPH Fuel Oil	NA	BD	5.00	mg/Kg	26-Apr-13	EPA 8100/8015m	

Metals by ICPMS

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	Method	Notes
Arsenic	7440-38-2	**1**	1	mg/Kg	24-Apr-13	6020A	Dup
Barium	7440-39-3	**89**	1	mg/Kg	24-Apr-13	6020A	Dup
Cadmium	7440-43-9	BD	1	mg/Kg	24-Apr-13	6020A	
Chromium	7440-47-3	**35**	1	mg/Kg	24-Apr-13	6020A	Dup, LCS
Lead	7439-92-1	**8**	1	mg/Kg	24-Apr-13	6020A	Dup
Mercury	7439-97-6	BD	0.23	mg/Kg	24-Apr-13	6020A	
Selenium	7782-49-2	BD	1	mg/Kg	24-Apr-13	6020A	
Silver	7440-22-4	BD	1	mg/Kg	24-Apr-13	6020A	

% Solids, dry weight

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	Method	Notes
% Solids	NA	**68.1**	0.1	[blank]	22-Apr-13	% Calculation	

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Stonecipher & Clark Environmental Solutions	Project: Lake Sunapee Phase II - Bradford, VT	
760 Main Street P.O. Box 542	Project Number: 2013-	**Reported:**
Franconia NH, 03580	Project Manager: Ms. Jennifer Stonecipher	29-Apr-13 13:10

SB-2
1304131-04 (Water) Sampled: 18-Apr-13

Volatile Organic Compounds by EPA 8260B

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	prsrv Notes
Acetone	67-64-1	BD	50	ug/L	26-Apr-13	
Benzene	71-43-2	BD	0.8	ug/L	26-Apr-13	
Bromobenzene	108-86-1	BD	2.0	ug/L	26-Apr-13	
Bromochloromethane	74-97-5	BD	2.0	ug/L	26-Apr-13	
Bromodichloromethane	75-27-4	BD	2.0	ug/L	26-Apr-13	
Bromoform	75-25-2	BD	2.0	ug/L	26-Apr-13	
Bromomethane	74-83-9	BD	2.0	ug/L	26-Apr-13	
Butylbenzene, n-	104-51-8	**2.1**	2.0	ug/L	26-Apr-13	
Butylbenzene, sec-	135-98-8	BD	2.0	ug/L	26-Apr-13	
Butylbenzene, tert-	98-06-6	BD	2.0	ug/L	26-Apr-13	
Carbon disulfide	75-15-0	BD	8.0	ug/L	26-Apr-13	
Carbon Tetrachloride	56-23-5	BD	2.0	ug/L	26-Apr-13	
Chloroethane	75-00-3	BD	2.0	ug/L	26-Apr-13	
Chloromethane	74-87-3	BD	4.0	ug/L	26-Apr-13	
Chlorotoluene, 2	95-49-8	BD	2.0	ug/L	26-Apr-13	
Chlorotoluene, 4	106-43-4	BD	2.0	ug/L	26-Apr-13	
Dibromochloromethane	124-48-1	BD	2.0	ug/L	26-Apr-13	
Dibromochloropropane	96-12-8	BD	4.0	ug/L	26-Apr-13	
Dibromomethane	74-95-3	BD	2.0	ug/L	26-Apr-13	
Dichlorobenzene, 1,2-	95-50-1	BD	2.0	ug/L	26-Apr-13	
Dichlorobenzene, 1,3-	541-73-1	BD	2.0	ug/L	26-Apr-13	
Dichlorobenzene, 1,4-	106-46-7	BD	2.0	ug/L	26-Apr-13	
Dichlorodifluoromethane	75-71-8	BD	4.0	ug/L	26-Apr-13	
Dichloroethane, 1,1-	75-34-3	BD	2.0	ug/L	26-Apr-13	
Dichloroethane, 1,2-	107-06-2	BD	2.0	ug/L	26-Apr-13	
Dichloroethylene, 1,1-	75-35-4	BD	2.0	ug/L	26-Apr-13	
Dichloroethylene, cis-1,2-	156-59-2	BD	2.0	ug/L	26-Apr-13	
Dichloroethylene, trans-1,2-	156-60-5	BD	2.0	ug/L	26-Apr-13	
Dichloromethane	75-09-2	BD	4.0	ug/L	26-Apr-13	
Dichloropropane, 1,2-	78-87-5	BD	2.0	ug/L	26-Apr-13	
Dichloropropane, 1,3-	142-28-9	BD	2.0	ug/L	26-Apr-13	
Dichloropropane, 2,2-	594-20-7	BD	6.0	ug/L	26-Apr-13	
Dichloropropene, 1,1-	563-58-6	BD	2.0	ug/L	26-Apr-13	
Dichloropropene, cis-1,3-	10061-01-5	BD	2.0	ug/L	26-Apr-13	
Dichloropropene, trans-1,3-	10061-02-6	BD	2.0	ug/L	26-Apr-13	
Diethyl Ether	60-29-7	BD	50	ug/L	26-Apr-13	
Diisopropyl Ether	108-20-3	BD	2.0	ug/L	26-Apr-13	
Ethylbenzene	100-41-4	BD	2.0	ug/L	26-Apr-13	
Ethylene dibromide	106-93-4	BD	2.0	ug/L	26-Apr-13	
Ethyl tert-Butyl Ether	637-92-3	BD	2.0	ug/L	26-Apr-13	

Aquarian Analytical, Inc.
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Stonecipher & Clark Environmental Solutions	Project: Lake Sunapee Phase II - Bradford, VT	
760 Main Street P.O. Box 542	Project Number: 2013-	**Reported:**
Franconia NH, 03580	Project Manager: Ms. Jennifer Stonecipher	29-Apr-13 13:10

SB-2
1304131-04 (Water)

Sampled: 18-Apr-13

Volatile Organic Compounds by EPA 8260B

Analyte	CAS Number	Result	Reporting Limit	Units	Analyzed	prsrv Notes
Hexachlorobutadiene	87-68-3	BD	4.0	ug/L	26-Apr-13	
Isopropylbenzene	98-82-8	BD	2.0	ug/L	26-Apr-13	
Isopropyltoluene, p-	99-87-6	BD	2.0	ug/L	26-Apr-13	
Methyl Butyl Ketone (2-Hexanone)	591-78-6	BD	50	ug/L	26-Apr-13	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	BD	50	ug/L	26-Apr-13	
Methyl Isobutyl Ketone	108-10-1	BD	50	ug/L	26-Apr-13	
Methyl-tert-Butyl Ether	1634-04-4	**13**	0.8	ug/L	26-Apr-13	
Monochlorobenzene	108-90-7	BD	2.0	ug/L	26-Apr-13	
Naphthalene	91-20-3	BD	4.0	ug/L	26-Apr-13	
n-Propylbenzene	103-65-1	BD	2.0	ug/L	26-Apr-13	
Styrene	100-42-5	BD	2.0	ug/L	26-Apr-13	
tert-Amyl Methyl Ether	994-05-8	BD	4.0	ug/L	26-Apr-13	
tert-Butyl alcohol	75-65-0	BD	20	ug/L	26-Apr-13	
Tetrachloroethane, 1,1,1,2-	630-20-6	BD	2.0	ug/L	26-Apr-13	
Tetrachloroethane, 1,1,2,2-	79-34-5	BD	2.0	ug/L	26-Apr-13	
Tetrachloroethylene	127-18-4	BD	2.0	ug/L	26-Apr-13	
Tetrahydrofuran	109-99-9	BD	50	ug/L	26-Apr-13	
Toluene	108-88-3	BD	2.0	ug/L	26-Apr-13	
Trichlorobenzene, 1,2,3-	87-61-6	BD	4.0	ug/L	26-Apr-13	
Trichlorobenzene, 1,2,4-	120-82-1	BD	4.0	ug/L	26-Apr-13	
Trichlorobenzene, 1,3,5-	108-70-3	BD	4.0	ug/L	26-Apr-13	
Trichloroethane, 1,1,1-	71-55-6	BD	2.0	ug/L	26-Apr-13	
Trichloroethane, 1,1,2-	79-00-5	BD	2.0	ug/L	26-Apr-13	
Trichloroethylene	79-01-6	BD	0.8	ug/L	26-Apr-13	
Trichloro 1,1,2-, trifluoro 1,2,2-, ethane	76-13-1	BD	4.0	ug/L	26-Apr-13	
Trichlorofluoromethane	75-69-4	BD	4.0	ug/L	26-Apr-13	
Trichloromethane	67-66-3	**2.9**	2.0	ug/L	26-Apr-13	
Trichloropropane, 1,2,3-	96-18-4	BD	2.0	ug/L	26-Apr-13	
Trimethylbenzene, 1,2,4-	95-63-6	**12**	2.0	ug/L	26-Apr-13	
Trimethylbenzene, 1,3,5-	108-67-8	**6.8**	2.0	ug/L	26-Apr-13	
Vinyl chloride	75-01-4	BD	0.8	ug/L	26-Apr-13	
Xylenes, m & p-	108-38-3,106-42-3	BD	4.0	ug/L	26-Apr-13	
Xylenes, o-	95-47-6	BD	2.0	ug/L	26-Apr-13	