

Phase (check one)	Type (check one)
<input checked="" type="checkbox"/> Site Investigation <input type="checkbox"/> Corrective Action Feasibility Investigation <input type="checkbox"/> Corrective Action Plan <input type="checkbox"/> Corrective Action Summary Report <input type="checkbox"/> Operations & Monitoring Report	<input type="checkbox"/> Work Scope <input checked="" type="checkbox"/> Technical Report <input type="checkbox"/> PCF Reimbursement Request <input type="checkbox"/> General Correspondence

**FEBRUARY 2007
SITE INVESTIGATION REPORT**

**Mr. Andy Shively
AOT – Operations Division
1 National Life Drive, Drawer 33
Montpelier, VT 05602**

**Verterre Project # 06036
SMS Site # 2006-3605
SMS Project Manager: Mr. Ashley Desmond**

Date Submitted: March 16, 2007

Written By: _____
Martha Roy, Project Manager

Reviewed By: _____
Steven Chase, Staff Scientist

March 16, 2007

Mr. Andy Shively
AOT – Operations Division
1 National Life Drive, Drawer 33
Montpelier, VT 05602

**RE: Initial Site Investigation – VTrans Island Pond Garage,
Island Pond Village, Brighton, Vermont
Verterre Project #06036, Facility ID 301, SMS #2006-3605**

Dear Mr. Shively:

Enclosed is the Initial Site Investigation Report which was prepared by The Verterre Group (Verterre) to evaluate subsurface conditions following the October 19, 2006 replacement of the containment manhole (fill port spill bucket) for the 6,000 gallon diesel underground storage tank (UST) at the Vermont Agency of Transportation Garage located at Route 114 in Island Pond Village, Brighton, Vermont (the Site). The spill bucket was found to be leaking during a August 15, 2006 inspection by the State of Vermont UST Program.

On January 31, 2007, four (4) soil borings were advanced. Three (3) of these soil borings were completed as permanent groundwater monitoring wells. Groundwater samples were collected from the monitor wells on February 12, 2007. All sampled wells were tested for volatile organic compounds (VOCs) via US EPA Method 8260 and total petroleum hydrocarbons as diesel range organics (TPH-DRO).

Data returned from these analyses, along with field observations, indicate that petroleum-related contamination has not impacted the soil and groundwater in the vicinity of the diesel UST/pump island.

Verterre recommends the proper abandonment of the on-Site monitor wells. Once the wells have been decommissioned the Site will be eligible for a Site Management Activity Completed (SMAC) designation. If you have any questions or concerns, please contact our office at (802) 654-8663 extension 106.

Sincerely,
The Verterre Group, Inc.[®]

Martha Roy
Project Manager

CC: Mr. Ashley Desmond, State of Vermont - SMS

1.0 INTRODUCTION

This Site Investigation (SI) report has been prepared by The Verterre Group (Verterre) to present the findings of environmental conditions following the October 19, 2006 replacement of the containment manhole (fill port spill bucket) for the 6,000 gallon diesel underground storage tank (UST) at the Vermont Agency of Transportation (AOT) Garage located at Route 114 in Island Pond Village, Brighton, Vermont (the Site). The spill bucket was found to be leaking during a August 15, 2006 inspection by the State of Vermont UST Program. A SITE Location Map is provided as **Figure 1** and SITE Plan is presented as **Figure 2**. An overall SITE Sketch is provided as **Figure 2A**.

2.0 BACKGROUND

Verterre was on Site with D&M Petroleum (D&M) on October 19, 2006 to assess the replacement of the containment manhole (fill port spill bucket) for the diesel underground storage tank (UST). The top of the diesel tank was located at approximately 2'4". The spill bucket was removed and soils to this depth were field screened with a Thermo Environmental Instruments Model 580B photoionization detector (PID) equipped with a 10.6 eV lamp. Elevated PID readings were encountered along the depth of the excavation; with the peak PID reading of 164.7 parts per million by volume (ppmv) encountered at the maximum depth of 2'4". Groundwater was not encountered. Soils consisted of brown sand with cobble and exhibited a petroleum odor. The sidewalls of the excavation were visibly stained.

The results of this assessment indicated that further investigation was necessary to determine the vertical and horizontal extent of contamination. The Site Investigation via the Expressway Program was approved by the State of Vermont Sites Management Section (SMS).

3.0 COMPLETED WORKSCOPE

A Site Investigation was approved by the Sites Management Section (SMS) and the following work was conducted:

- DIG SAFE was notified and requested to provide a SITE utility markout.
- Advancement of four (4) on-site soil borings using Geoprobe[®] Direct Push technology. Recovered soil samples were field screened for the presence of VOCs using a PID equipped.
- Conversion of the three (3) of the on-site soil borings into 1-inch diameter groundwater monitoring wells;
- Development of the newly installed monitoring wells;
- Sampling of the newly installed groundwater monitoring wells for the determination of VOCs by USEPA Method 8260 and total petroleum hydrocarbons as diesel range organics (TPH-DRO);
- Surveying of the permanent monitoring wells and important site features;
- Development of a site map including the pertinent surveyed features; and,
- Preparation of this site investigation report with findings, conclusions, and recommendations.

4.0 SUBSURFACE EXPLORATION AND RESULTS

The subsurface exploration program was developed to gather data to provide a better understanding of the hydrogeology and possible contaminant distribution on SITE.

4.1 Advancement of Soil Borings

Verterre advanced a total of four (4) soil borings on January 31, 2007 in the locations shown on **Figure 2** using Verterre’s Geoprobe®. Logs for these borings are presented in **Appendix A**. These borings were advanced to depths ranging from approximately 12 to 16 feet below ground surface (bgs). All borings were logged, describing soil strata conditions, and field screened for VOCs with a PID using conventional headspace techniques.

Low level PID readings (<7.5 parts per million by volume) were observed in the soil borings.

BORING SUMMARY TABLE

Boring ID	Boring Location	Depth of Boring/ Depth to Water¹ (feet bgs) Max PID (ppmv)
SB-1	Located southeast of the diesel UST.	Boring = 12 DTW = 12 PID = 5.8 (4-8')
SB-2/MW-1	Located south of the diesel UST.	Boring = 16 DTW = 12 PID = 6.7 (12-16')
SB-3/MW-2	Located south of the diesel pump island.	Boring = 16 DTW = 12 PID = 2.1 (8-12 feet)
SB-4/MW-3	Located northwest of the diesel UST.	Boring = 16 DTW = 11 PID = 1.8 (0-4')

Notes: 1) Apparent depth to water in boring based on water table indicators such as moisture and free water at the time of drilling.

4.2 Monitor Well Installation and Construction

After evaluating each soil boring for soil strata, water table indicators, and VOCs, monitoring wells were installed within the soil borings on January 31, 2007. The monitoring wells were constructed of 1-inch diameter schedule 40 polyvinylchloride (PVC) materials. The well was constructed using 0.010” slotted well screen with #1 sand pack to approximately 6 inches above the top of the well screen. A bentonite seal was placed atop the sand pack and hydrated using tap water. The remainder of the well annulus was backfilled with native soil and #1 sand. The wells were fitted with a 1” expansion plug, protected with an aluminum road box, and finished to grade. After constructing the well, a dedicated bailer was used to purge water from the well and develop the sand pack. Purge water from well development was discharged onto the ground surface and allowed to evaporate.

4.3 SITE Geology

A summary of the predominant geological units encountered during drilling activities indicated that the SITE is constructed of densely packed silt atop fine to coarse brown sands with cobble. For a more detailed description of geological units, see Boring Logs, **Appendix A**.

4.4 SITE Survey

A Topcon AT-G6 auto level was used to perform a stadia survey to identify the location and elevation of the newly installed monitoring wells with respect to existing SITE features. The collected data was used to create the SITE Plan (**Figure 2**) which includes the location of the newly installed wells and sampling points.

5.0 COLLECTION OF GROUNDWATER SAMPLES

Verterre performed groundwater sampling at this SITE on February 12, 2007. Samples were collected from the newly installed wells MW-1, MW-2 and MW-3. Prior to sampling, depth to groundwater measurements were collected from all monitoring wells.

To allow for a representative groundwater sample, each well was purged of three (3) volumes of water with a dedicated bailer. Purge water from the wells was discharged directly to the ground surface. Sampling at each monitoring well was conducted with dedicated bailers.

Quality assurance/Quality control (QA/QC) samples incorporated into this sampling round included one (1) duplicate sample taken from monitor well MW-1 and one (1) field blank. Samples collected from monitoring wells were analyzed via US EPA Method 8260 for VOCs and TPH-DRO. Resource Laboratories performed all laboratory analyses for this round of groundwater sampling. The results of the groundwater sampling round are discussed in the following sections.

6.0 RESULTS OF SAMPLING ACTIVITIES

6.1 Groundwater Flow Direction

Verterre personnel measured groundwater levels on SITE on February 12, 2007. Depth to water ranged from 10.12 ft below top of casing (btoc) to 10.60 ft btoc at monitoring wells MW-3 and MW-2, respectively. A summary of groundwater elevation data is presented in **Table 1**.

Groundwater has been interpreted to flow to the south. A graphical interpretation of the groundwater flow direction is presented on the Groundwater Elevation Plan provided as **Figure 3**.

6.2 Groundwater Analytical Results

Contaminants of concern (COCs) were not reported above method detection limits (MDLs) in any of the sampled monitor wells. TPH-DRO was not reported above the MDL in any of the sampled

monitor wells. The complete analytical laboratory report is summarized in **Table 2**, and is provided as **Attachment 1**.

6.3 QA/QC Results

The Relative Percent Difference (RPD) for total COCs in the sample collected from MW-1 and its duplicate, DUP-1 were not calculated since the results were less than 10 times the MDLs. Typically, a RPD of up to 25% is considered to be an acceptable correlation between duplicate samples.

Prior to acceptance in this report the laboratory data was evaluated for the following parameters:

- correct sample ID's;
- analysis date within method specified holding time;
- correct reporting limits;
- acceptable detection limit multipliers;
- acceptable matrix spike (MS) and matrix spike duplicate (MSD) recoveries, where applicable;
- acceptable RPD between the MS and MSD, or the sample and duplicate where applicable; and,
- acceptable surrogate recoveries.

No target analytes were detected above the MDL in the Field Blank.

Based on Verterre's QA/QC evaluation, the data was found to be acceptable.

7.0 RECEPTOR EVALUATION

Verterre conducted a sensitive receptor review of the property. The property is on municipal water. The property consists of several buildings and is on town water and sewer. The main building was built on a slab with no basement.

The Brighton Town Garage is located in a mixed commercial/residential area of Route 114. The nearest residence is located across Route 114 northeast of the Town Garage. According to the State of Vermont Agency of Natural Resources Internet mapping site, there are seven (7) private wells located within one-half mile of the SITE. The closest well is approximately 610 feet northeast of the property.

The Pherrins River is located approximately 975 feet south of the property.

8.0 SUMMARY AND CONCLUSIONS

Based on the information and analytical data obtained during this investigation, Verterre concludes the following:

- Four (4) soil borings were advanced at the Site on January 31, 2007. Low level PID readings were observed in these soil borings (<7.5 ppmv). Three of these borings were converted to monitor wells.
- The three (3) monitor wells were sampled for VOCs by USEPA Method 8260 and TPH-DRO by USEPA Method 8015 on February 12, 2007.
- COCs and TPH-DRO were not reported above the MDLS in any of the sampled monitor wells.
- Considering the data and information obtained thus far, no receptors in the immediate vicinity appear to be at risk.

9.0 RECOMMENDATIONS

Verterre recommends that the existing monitor wells be properly abandoned and that no further action in regards to contamination encountered during the replacement of the containment manhole (fill port spill bucket) be conducted. A cost estimate to properly abandon the three (3) on-Site monitor wells is included in **Appendix B**.

G:\06036 Island Pond\0207 Site Investigation.doc

FIGURES

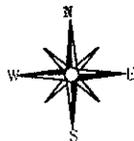
**Vtrans
Garage**

**Island
Pond**

Maptech® U.S. Terrain Series™. ©Maptech®, Inc. 603-433-8500

SOURCE: USGS 7.5' Minute Topographic Map Series Island Pond, Vermont Quadrangle. Created 1988, revised/inspected None.

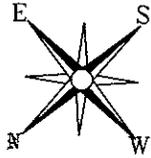
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	CHECKED BY: MER
	APPROVED BY: _____
	DATE: 11/07/06
	SCALE: 1" = 1,000'

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FIGURE 1
SITE LOCATION MAP
Island Pond
VTRANS Garage
Island Pond, Vermont



Garage

Storage Building

VT Route
114

VERTERRE LEGEND

- MW-1 = Existing Monitoring Well (89.20) (Elevation of Top of Well Casing in Units of Feet)

Containment Manhole

SB-1

MW-1

MW-2

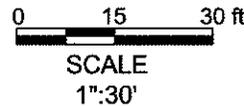
Diesel Vent Pipe

6000 Gallon Diesel UST

MW-3

Diesel Pump Island

Island Pond
AOT
Main Building



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FS1:PROJECT06036:Siteplan

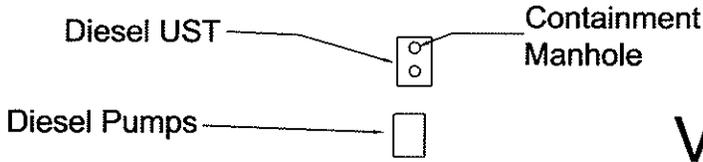
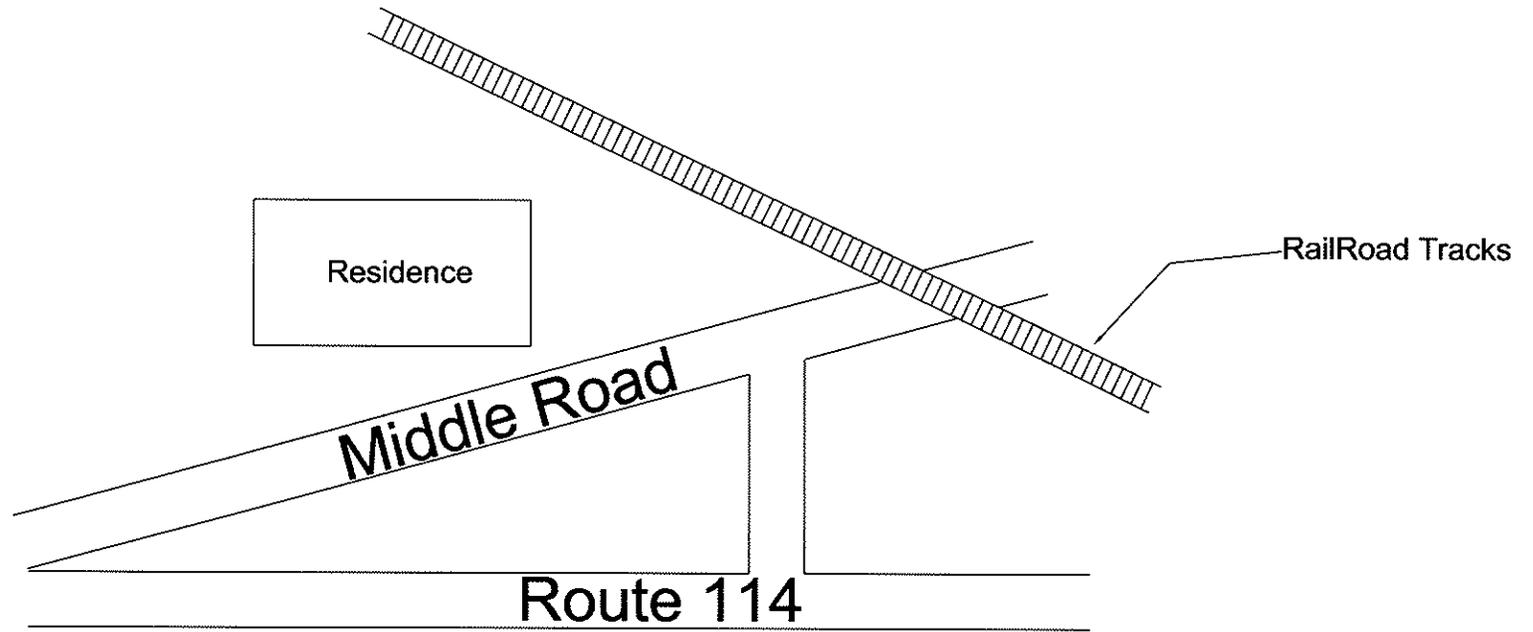
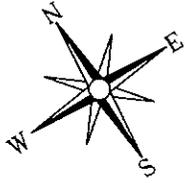
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SCALE: 1" = 30'

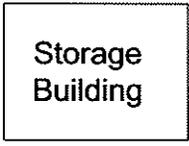
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**FIGURE 2
SITE PLAN**

Island Pond AOT
Brighton, Vermont



VTRANS
Garage



Verterre Project #06036	DRAWN BY: SC	THE VERTERRE GROUP, INC.® 414 Roosevelt Highway - Suite 200 Colchester, Vermont 05446 (802) 654-8663	FIGURE 2A OVERALL SITE SKETCH Island Pond VTRANS Building Island Pond, Vermont
	CHECKED BY: MR		
	APPROVED BY:		
	DATE: 11/07/06		
	SCALE: Not to Scale		



Garage

Storage Building

VT Route 114

VERTERRE LEGEND

- MW-1 = Existing Monitoring Well (89.20) (Elevation of Top of Well Casing in Units of Feet)
- (89.20) Groundwater Elevation in units of Feet referenced to TBM based on 2/12/07 Data
- ↙ Groundwater flow direction based on 2/12/07 Data

Containment Manhole

SB-1

MW-1 (89.20)

MW-2 (89.05)

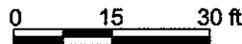
Diesel Vent Pipe

6000 Gallon Diesel UST

MW-3 (89.30)

Diesel Pump Island

Island Pond AOT Main Building



SCALE 1"=30'

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FS1:PROJECT06036/Siteplan

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FIGURE 3
GROUNDWATER ELEVATION PLAN
Island Pond AOT
Brighton, Vermont

TABLES

TABLE 1
SUMMARY OF GROUNDWATER ELEVATIONS

Island Pond AOT
SMS # 2006-3605
Island Pond, Vermont

February 12, 2007

Well Identification	Top of Riser Elev. (ft.)	Depth to Product (ft.)	Depth to Water (ft.)	Depth of Well (ft.)	Thickness of Water Column (ft.)	Water Table Elev. (ft.)
MW-1	99.50	ND	10.30	14.90	4.60	89.20
MW-2	99.65	ND	10.60	15.92	5.32	89.05
MW-3	99.42	ND	10.12	15.50	5.38	89.30
Average depth to water is 10.12 feet.						

Notes:

1. Elevation data are referenced to a TBM and are in units of feet.
2. ND - Not detected.
3. NM - Not measured.
4. Measurements recorded are referenced to a marking on top of PVC riser for each well. Units are in feet.
5. Depth to fluid measurements were obtained using a Solinst Interface Probe.
6. Monitoring wells MW-1, MW-2 and MW-3 were installed by Verterre on January 31, 2007

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TABLE 2
SUMMARY OF GROUNDWATER QUALITY

Island Pond AOT
SMS #2006-3605
Island Pond, Vermont

February 12, 2007

Compound	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	Trimethylbenzenes (135 & 124)	Naphthalene	Total COC	TPH DRO
Sample ID	Concentration (ug/L)								
MW-1	<2	<2	<2	<4	<2	<4	<5	nd	<220
MW-2	<2	<2	<2	<4	<2	<4	<5	nd	<220
MW-3	<2	<2	<2	<4	<2	<4	<5	nd	<210
DUP-1 (MW-1)	<2	<2	<2	<4	<2	<4	<5	nd	nt
F.B.	<2	<2	<2	<4	<2	<4	<5	nd	nt
VGES	5.0	1,000	700	10,000	40.0	4.0	20.0	ne	ne

Notes:

1. VGES - Vermont Groundwater Enforcement Standard.
2. ne - VGES not established.
3. **Bold** and *Italic* numbers indicate concentrations that exceed VGES.
4. All monitor wells were analyzed for VOC's via US EPA Method 8260 and TPH-DRO by 8015.
5. ns - not sampled, nt - not tested.

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APPENDIX A



The Verterre Group
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MONITORING WELL/SOIL BORING LOG

Project Name: **AOT Island Pond**
 Location: **Island Pond, Vermont**
 Verterre Project #: **06036**
 SMS #: **2006-3605**

WELL/
BORING ID:
SB-1

INSTALL DATE: January 31, 2007	WELL DEPTH: NA	BORING DEPTH: 12 ft
VERTERRE REP: Rod Lindsay II	DEPTH TO WATER: (during drilling) 12	
DRILLING CO: Verterre Colchester, VT	SCREEN DIA: NA	DEPTH: NA
	SCREEN TYPE/SIZE: NA	
DRILLING METHOD: Geoprobe® Tools	RISER TYPE: NA	
SAMPLING METHOD: Macrocore	RISER DIA.: NA	DEPTH: NA
REFERENCE POINT (RP): NA	GUARD TYPE: NA	
ELEVATION OF RP: 99.9	RISER CAP: NA	
REMARKS: Boring was backfilled with native material and sand.		

DEPTH IN FEET	WELL PROFILE	SAMPLE DEPTH (FT)	PID (PPMV)	BLOWS/6" AND RECOVERY	SOIL DESCRIPTION AND NOTES*	LEGEND
0		0-4	1.4	42" recovery	0-21": Medium/coarse brown sandy gravel, dry. 21-42": Densely packed brown silt, dark to medium, some small cobble, dry.	CEMENT GROUT
1						NATIVE BACKFILL
2						BENIGNITE SEAL
3						SAND PACK
4		4-8	5.8	34" recovery	0-2": Dense brown silt. 2-34": Coarse brown sand and large granite cobble.	WELL SCREEN
5						RISER PIPE
6						HS HEAD SPACE
7						WATER LEVEL (APPROXIMATE)
8		8-12	1.6	38" recovery	0-15": Coarse brown sand and large granite cobble. 15-38": Coarse brown sand (wet last 11")	
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

GRANULAR SOILS BLOWS/FT DENSITY 0-4 V.LOOSE 4-10 LOOSE 10-30 M.DENSE 30-50 DENSE >50 V.DENSE	COHESIVE SOILS BLOWS/FT DENSITY <2 V.SOFT 2-4 SOFT 4-8 M.STIFF 8-15 STIFF 15-30 V.STIFF >30 HARD	PROPORTIONS USED TRACE 0-10% LITTLE 10-20% SOME 20-35% AND 35-50%	NOTES:
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MONITORING WELL/SOIL BORING LOG

 Project Name: **AOT Island Pond**
 Location: **Island Pond, Vermont**
 Verterre Project #: **06036**
 SMS #: **2006-3605**

 WELL/
 BORING ID:
SB-2/MW-1

INSTALL DATE:	January 31, 2007	WELL DEPTH:	16 ft	BORING DEPTH:	16 ft
VERTERRE REP:	Rod Lindsay II	DEPTH TO WATER: (during drilling)	Approximately 12 ft		
DRILLING CO:	Verterre Colchester, VT	SCREEN DIA:	1-inch	DEPTH:	6-16 ft bgs
DRILLING METHOD:	Geoprobe [®] Tools	SCREEN TYPE/SIZE:	0.010"-slot schedule 40 PVC		
SAMPLING METHOD:	Macrocore	RISER TYPE:	Schedule 40 PVC solid riser		
REFERENCE POINT (RP):	Top of casing	RISER DIA:	1-inch	DEPTH:	0-6 ft bgs
ELEVATION OF RP:	99.5	GUARD TYPE:	Aluminum Roadbox		
		RISER CAP:	locking expansion plug		
REMARKS:	Boring was completed as a monitoring well with an aluminum Roadbox.				

DEPTH IN FEET	WELL PROFILE	SAMPLE DEPTH (FT)	PID (PPMV)	BLOWS/6" AND RECOVERY	SOIL DESCRIPTION AND NOTES*	LEGEND	
0		0-4	0.8	40" recovery	<u>0-21"</u> : Medium/coarse brown sandy gravel, dry. <u>21-40"</u> : Densely packed brown silt, dark to medium, some small cobble, dry.	CEMENT GROUT NATIVE BACKFILL	
1							
2							
3							
4			4-8	1.7	36" recovery	<u>0-36"</u> : Coarse brown sand and large granite cobble	BENTONITE SEAL SAND PACK
5							
6							
7							
8			8-12	1.2	28" recovery	<u>0-28"</u> : Coarse brown sand and large granite cobble, last 4" wet.	WELL SCREEN RISER PIPE
9							
10							
11							
12			12-16	6.7	40" recovery	<u>0-40"</u> : Medium/Coarse brown sand with small to large granite cobble, primarily granite, saturated.	H/S HEAD SPACE WATER LEVEL (APPROXIMATE)
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
GRANULAR SOILS BLOWS/FT DENSITY 0-4 V.LOOSE 4-10 LOOSE 10-30 M.DENSE 30-50 DENSE >50 V.DENSE		COHESIVE SOILS BLOWS/FT DENSITY <2 V.SOFT 2-4 SOFT 4-8 M.STIFF 8-15 STIFF 15-30 V.STIFF >30 HARD		PROPORTIONS USED TRACE 0-10% LITTLE 10-20% SOME 20-35% AND 35-50%		NOTES:	



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MONITORING WELL/SOIL BORING LOG

Project Name: **AOT Island Pond**
Location: **Island Pond, Vermont**
Verterre Project #: **06036**
SMS #: **2006-3605**

WELL/
BORING ID:
SB-3/MW-2

INSTALL DATE:	January 31, 2007	WELL DEPTH:	16 ft	BORING DEPTH:	16 ft
VERTERRE REP:	Rod Lindsay II	DEPTH TO WATER:	(during drilling) Approximately 12 ft		
DRILLING CO:	Verterre Colchester, VT	SCREEN DIA:	1-inch	DEPTH:	6-16 ft bgs
		SCREEN TYPE/SIZE:	0.010"-slot schedule 40 PVC		
DRILLING METHOD:	Geoprobe [®] Tools	RISER TYPE:	Schedule 40 PVC solid riser		
SAMPLING METHOD:	Macrocore	RISER DIA:	1-inch	DEPTH:	0-6 ft bgs
REFERENCE POINT (RP):	Top of casing	GUARD TYPE:	Aluminum Roadbox		
ELEVATION OF RP:	99.65	RISER CAP:	locking expansion plug		
REMARKS:	Boring was completed as a monitoring well with an aluminum Roadbox.				

DEPTH IN FEET	WELL PROFILE	SAMPLE DEPTH (FT)	PID (PPMV)	BLOWS/6" AND RECOVERY	SOIL DESCRIPTION AND NOTES*	LEGEND	
0		0-4	1.8	48" recovery	0-11": Fine brown silt, dense. 11-28": Medium/coarse brown sand with large granite cobble. 28-40": Dense brown silt. 40-48": Fine to medium brown sand with small cobble.	CEMENT GROUT NATIVE BACKFILL	
1							
2							
3							
4			4-8	1.5	36" recovery	0-2": Fine to medium brown sand with small cobble 2-13": Coarse brown sand 13-26": Coarse brown sand and crushed rock 26-36": Fine to coarse brown sand with large cobble	BENTONITE SEAL SAND PACK
5							
6							
7							
8			8-12	2.1	27" recovery	0-25": Fine to coarse brown sand and large cobble 25-27": Coarse brown sand and large cobble, wet	WELL SCREEN RISER PIPE
9							
10							
11							
12			12-16		30" recovery	0-30": Coarse brown sand with some fine silt, large cobble, saturated.	HS HEAD SPACE WATER LEVEL (APPROXIMATE)
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
GRANULAR SOILS BLOWS/FT DENSITY 0-4 V.LOOSE 4-10 LOOSE 10-30 M.DENSE 30-50 DENSE >50 V.DENSE		COHESIVE SOILS BLOWS/FT DENSITY <2 V.SOFT 2-4 SOFT 4-8 M.STIFF 8-15 STIFF 15-30 V.STIFF >30 HARD		PROPORTIONS USED TRACE 0-10% LITTLE 10-20% SOME 20-35% AND 35-50%	NOTES:		



The Verterre Group

414 Roosevelt Highway Colchester, Vermont 05446
(802) 654-8663 FAX: (802) 654-8667

MONITORING WELL/SOIL BORING LOG

Project Name: **AOT Island Pond**
Location: **Island Pond, Vermont**
Verterre Project #: **06036**
SMS #: **2006-3605**

WELL/
BORING ID:
SB-4/MW-3

INSTALL DATE:	January 31, 2007	WELL DEPTH:	16 ft	BORING DEPTH:	16 ft
VERTERRE REP:	Rod Lindsay II	DEPTH TO WATER: (during drilling)	Approximately 12 ft		
DRILLING CO:	Verterre Colchester, VT	SCREEN DIA:	1-inch	DEPTH:	6-16 ft bgs
		SCREEN TYPE/SIZE:	0.010"-slot schedule 40 PVC		
DRILLING METHOD:	Geoprobe® Tools	RISER TYPE:	Schedule 40 PVC solid riser		
SAMPLING METHOD:	Macrocore	RISER DIA:	1-inch	DEPTH:	0-6 ft bgs
REFERENCE POINT (RP):	Top of casing	GUARD TYPE:	Aluminum Roadbox		
ELEVATION OF RP:	99.42	RISER CAP:	locking expansion plug		
REMARKS:	Boring was completed as a monitoring well with an aluminum Roadbox.				

DEPTH IN FEET	WELL PROFILE	SAMPLE DEPTH (FT)	PID (PPMV)	BLOWS/6" AND RECOVERY	SOIL DESCRIPTION AND NOTES*	LEGEND	
0		0-4	1.8	24" recovery	0-4": Loam. 4-24": Fine to medium brown sand with medium cobble		
1							
2							
3							
4			4-8		No recovery		Crushed stone
5							
6							
7							
8			8-12	<0.1	36" recovery		0-36": Coarse brown sand with large cobble (wet at 11')
9							
10							
11							
12			12-16		35" recovery		0-35": Coarse brown sand with large cobble, saturated.
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
GRANULAR SOILS BLOWS/FT DENSITY 0-4 V.LOOSE 4-10 LOOSE 10-30 M.DENSE 30-50 DENSE >50 V.DENSE		COHESIVE SOILS BLOWS/FT DENSITY <2 V.SOFT 2-4 SOFT 4-8 M.STIFF 8-15 STIFF 15-30 V.STIFF >30 HARD		PROPORTIONS USED TRACE 0-10% LITTLE 10-20% SOME 20-35% AND 35-50%		NOTES:	

APPENDIX B

**APPENDIX B
COST ESTIMATE WELL ABANDONMENT**

Date: March 15, 2007
 SITE Name: Island Pond AOT
 Verterre Project Manager: Martha Roy
 Verterre Site #: 06036
 SMS Site#: 2006-3605
 SMS Project Manager: Ashley Desmond
 SITE Location: Island Pond, VT



414 Roosevelt Highway - Suite 200
 Colchester, Vermont 05446
 (802) 654-8663 - Fax: 654-8667

TASK	CONTRACTOR	DESCRIPTION	UNITS	TYPE	RATE	ENG/HYDRO	Other	LAB	Total Per Event
WA04 Monitoring Well Abandonment Abandon all wells Write Letter requesting SMAC	Verterre	Project Manager	1.5	hr	\$75.00	\$112.50			
	Verterre	Decommissioning Wells	48	ft	\$18.00	\$864.00			
	Verterre	Mobilization Fee	1	ea	\$250.00	\$250.00			
	Verterre	Black Top Patch	1	ea	\$20.00		\$20.00		
	Verterre	Jack Hammer	1	ea	\$80.00		\$80.00		
	Verterre	Generator	1	ea	\$60.00		\$60.00		
	Verterre	Staff Scientist	1.5	hr	\$65.00	\$97.50			
Subtotal						\$1,324.00	\$160.00	\$0.00	\$1,484.00
Totals						\$1,324.00	\$160.00	\$0.00	\$1,484.00

Notes:
AOT Contract Rates

COST ESTIMATE

\$1,484.00

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ATTACHMENT 1

Laboratory Report

Martha Roy
The Verterre Group
414 Roosevelt Highway
Suite 200
Colchester, VT 05446

PO Number: None
LabID: 11817
Date Received: 2/14/07

Project: 06036.E1 Island Pond AOT

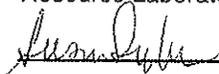
Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Resource Laboratories, LLC Quality Assurance Plan. The Standard Operating Procedures (SOP) are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Resource Laboratories, LLC maintains certification with the agencies listed below.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Resource Laboratories, LLC



Susan Sylvester
Principal, General Manager

2-19-07

Date

Total number of pages

13

Resource Laboratories, LLC Certifications

New Hampshire 1732
Maine NH903

Massachusetts M-NH902

Project ID: Island Pond AOT 06036.E1

Lab ID: 11817

Lab Number: 11817-001

Sample ID: MW-1

Matrix: Water

Sampled: 2/12/07 14:32

Parameter	Result	Quant Limit	Units	Instr Dil'n		Analyst	Prep Date	Analysis		
				Factor				Date	Time	Reference
dichlorodifluoromethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
chloromethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
vinyl chloride	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
bromomethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
chloroethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
trichlorofluoromethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
diethyl ether	< 10	10	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
acetone	< 10	10	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,1-dichloroethene	< 1	1	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
methylene chloride	< 5	5	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
carbon disulfide	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
trans-1,2-dichloroethene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,1-dichloroethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
2-butanone (MEK)	< 10	10	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
2,2-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
cis-1,2-dichloroethene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
chloroform	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
bromochloromethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
tetrahydrofuran (THF)	< 10	10	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,1,1-trichloroethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,1-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
carbon tetrachloride	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,2-dichloroethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
benzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
trichloroethene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,2-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
bromodichloromethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
dibromomethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
cis-1,3-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
toluene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
trans-1,3-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
2-hexanone	< 10	10	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,1,2-trichloroethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,3-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
tetrachloroethene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
dibromochloromethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	

Project ID: Island Pond AOT 06036.E1

Lab ID: 11817

Lab Number: 11817-001

Sample ID: MW-1

Matrix: Water

Sampled: 2/12/07 14:32

Parameter	Result	Quant Limit	Units	Instr Dil'n		Analyst	Prep Date	Analysis		
				Factor				Date	Time	Reference
chlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
ethylbenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
m&p-xylenes	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
o-xylene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
styrene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
bromoform	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
isopropylbenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,2,3-trichloropropane	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
n-propylbenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
bromobenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,3,5-trimethylbenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
2-chlorotoluene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
4-chlorotoluene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
tert-butylbenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,2,4-trimethylbenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
sec-butylbenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,3-dichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
4-isopropyltoluene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,4-dichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,2-dichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
n-butylbenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,2,4-trichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
hexachlorobutadiene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
naphthalene	< 5	5	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
1,2,3-trichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	15:50	SW5030B8260	
Surrogate Recovery		Limits								
dibromofluoromethane SUR	100	78-114	%	1		LMM	2/15/07	15:50	SW5030B8260	
toluene-D8 SUR	97	88-110	%	1		LMM	2/15/07	15:50	SW5030B8260	
4-bromofluorobenzene SUR	93	86-115	%	1		LMM	2/15/07	15:50	SW5030B8260	

Project ID: Island Pond AOT 06036.E1

Lab ID: 11817

Lab Number: 11817-002

Sample ID: MW-2

Matrix: Water

Sampled: 2/12/07 14:13

Parameter	Result	Quant Limit	Units	Instr Dil'n		Analyst	Prep Date	Analysis		
				Factor				Date	Time	Reference
dichlorodifluoromethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
chloromethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
vinyl chloride	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
bromomethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
chloroethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
trichlorofluoromethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
diethyl ether	< 10	10	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
acetone	< 10	10	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,1-dichloroethene	< 1	1	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
methylene chloride	< 5	5	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
carbon disulfide	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
trans-1,2-dichloroethene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,1-dichloroethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
2-butanone (MEK)	< 10	10	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
2,2-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
cis-1,2-dichloroethene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
chloroform	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
bromochloromethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
tetrahydrofuran (THF)	< 10	10	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,1,1-trichloroethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,1-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
carbon tetrachloride	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,2-dichloroethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
benzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
trichloroethene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,2-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
bromodichloromethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
dibromomethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
cis-1,3-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
toluene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
trans-1,3-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
2-hexanone	< 10	10	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,1,2-trichloroethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,3-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
tetrachloroethene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
dibromochloromethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	

Project ID: Island Pond AOT 06036.E1

Lab ID: 11817

Lab Number: 11817-002

Sample ID: MW-2

Matrix: Water

Sampled: 2/12/07 14:13

Parameter	Result	Quant Limit	Units	Instr Dil'n		Analyst	Prep Date	Analysis		Reference
				Factor				Date	Time	
chlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
ethylbenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
m&p-xylenes	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
o-xylene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
styrene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
bromoform	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
isopropylbenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,2,3-trichloropropane	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
n-propylbenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
bromobenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,3,5-trimethylbenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
2-chlorotoluene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
4-chlorotoluene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
tert-butylbenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,2,4-trimethylbenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
sec-butylbenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,3-dichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
4-isopropyltoluene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,4-dichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,2-dichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
n-butylbenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,2,4-trichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
hexachlorobutadiene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
naphthalene	< 5	5	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
1,2,3-trichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	14:33	SW5030B8260	
Surrogate Recovery		Limits								
dibromofluoromethane SUR	101	78-114	%	1		LMM	2/15/07	14:33	SW5030B8260	
toluene-D8 SUR	101	88-110	%	1		LMM	2/15/07	14:33	SW5030B8260	
4-bromofluorobenzene SUR	95	86-115	%	1		LMM	2/15/07	14:33	SW5030B8260	

Project ID: Island Pond AOT 06036.E1

Lab ID: 11817

Lab Number: 11817-003

Sample ID: MW-3

Matrix: Water

Sampled: 2/12/07 14:20

Parameter	Result	Quant Limit	Units	Instr Dil'n		Analyst	Prep Date	Analysis		
				Factor				Date	Time	Reference
dichlorodifluoromethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
chloromethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
vinyl chloride	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
bromomethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
chloroethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
trichlorofluoromethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
diethyl ether	< 10	10	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
acetone	< 10	10	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
1,1-dichloroethene	< 1	1	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
methylene chloride	< 5	5	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
carbon disulfide	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
trans-1,2-dichloroethene	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
1,1-dichloroethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
2-butanone (MEK)	< 10	10	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
2,2-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
cis-1,2-dichloroethene	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
chloroform	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
bromochloromethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
tetrahydrofuran (THF)	< 10	10	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
1,1,1-trichloroethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
1,1-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
carbon tetrachloride	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
1,2-dichloroethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
benzene	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
trichloroethene	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
1,2-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
bromodichloromethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
dibromomethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
cis-1,3-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
toluene	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
trans-1,3-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
2-hexanone	< 10	10	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
1,1,2-trichloroethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
1,3-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
tetrachloroethene	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
dibromochloromethane	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1		LMM	2/15/07	13:59	SW5030B8260	

Project ID: Island Pond AOT 06036.E1

Lab ID: 11817

Lab Number: 11817-003

Sample ID: MW-3

Matrix: Water

Sampled: 2/12/07 14:20

Parameter	Result	Quant		Instr Dil'n		Prep Date	Analysis		
		Limit	Units	Factor	Analyst		Date	Time	Reference
chlorobenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
ethylbenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
m&p-xylenes	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
o-xylene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
styrene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
bromoform	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
isopropylbenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
1,2,3-trichloropropane	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
n-propylbenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
bromobenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
1,3,5-trimethylbenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
2-chlorotoluene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
4-chlorotoluene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
tert-butylbenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
1,2,4-trimethylbenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
sec-butylbenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
1,3-dichlorobenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
4-isopropyltoluene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
1,4-dichlorobenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
1,2-dichlorobenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
n-butylbenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
1,2,4-trichlorobenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
hexachlorobutadiene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
naphthalene	< 5	5	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
1,2,3-trichlorobenzene	< 2	2	ug/L	1	LMM	2/15/07	13:59	SW5030B8260	
Surrogate Recovery		Limits							
dibromofluoromethane SUR	100	78-114	%	1	LMM	2/15/07	13:59	SW5030B8260	
toluene-D8 SUR	100	88-110	%	1	LMM	2/15/07	13:59	SW5030B8260	
4-bromofluorobenzene SUR	96	86-115	%	1	LMM	2/15/07	13:59	SW5030B8260	

Project ID: Island Pond AOT 06036.E1

Lab ID: 11817

Lab Number: 11817-004

Sample ID: Dup-1

Matrix: Water

Sampled: 2/12/07 14:45

Parameter	Result	Quant Limit	Units	Instr Dil'n		Analyst	Prep Date	Analysis		
				Factor				Date	Time	Reference
dichlorodifluoromethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
chloromethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
vinyl chloride	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
bromomethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
chloroethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
trichlorofluoromethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
diethyl ether	< 10	10	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
acetone	< 10	10	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,1-dichloroethene	< 1	1	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
methylene chloride	< 5	5	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
carbon disulfide	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
trans-1,2-dichloroethene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,1-dichloroethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
2-butanone (MEK)	< 10	10	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
2,2-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
cis-1,2-dichloroethene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
chloroform	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
bromochloromethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
tetrahydrofuran (THF)	< 10	10	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,1,1-trichloroethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,1-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
carbon tetrachloride	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,2-dichloroethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
benzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
trichloroethene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,2-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
bromodichloromethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
dibromomethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
cis-1,3-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
toluene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
trans-1,3-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
2-hexanone	< 10	10	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,1,2-trichloroethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,3-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
tetrachloroethene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
dibromochloromethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	

Project ID: Island Pond AOT 06036.E1

Lab ID: 11817

Lab Number: 11817-004

Sample ID: Dup-1

Matrix: Water

Sampled: 2/12/07 14:45

Parameter	Result	Quant Limit	Units	Instr Dil'n		Analyst	Prep Date	Analysis		
				Factor				Date	Time	Reference
chlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
ethylbenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
m&p-xylenes	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
o-xylene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
styrene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
bromoform	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
isopropylbenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,2,3-trichloropropane	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
n-propylbenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
bromobenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,3,5-trimethylbenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
2-chlorotoluene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
4-chlorotoluene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
tert-butylbenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,2,4-trimethylbenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
sec-butylbenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,3-dichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
4-isopropyltoluene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,4-dichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,2-dichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
n-butylbenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,2,4-trichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
hexachlorobutadiene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
naphthalene	< 5	5	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
1,2,3-trichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	13:25	SW5030B8260	
Surrogate Recovery		Limits								
dibromofluoromethane SUR	102	78-114	%	1		LMM	2/15/07	13:25	SW5030B8260	
toluene-D8 SUR	99	88-110	%	1		LMM	2/15/07	13:25	SW5030B8260	
4-bromofluorobenzene SUR	94	86-115	%	1		LMM	2/15/07	13:25	SW5030B8260	

Project ID: Island Pond AOT 06036.E1

Lab ID: 11817

Lab Number: 11817-005

Sample ID: F.B.

Matrix: Water

Sampled: 2/12/07 14:00

Parameter	Result	Quant Limit	Units	Instr Dil'n		Analyst	Prep Date	Analysis		
				Factor				Date	Time	Reference
dichlorodifluoromethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
chloromethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
vinyl chloride	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
bromomethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
chloroethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
trichlorofluoromethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
diethyl ether	< 10	10	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
acetone	< 10	10	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,1-dichloroethene	< 1	1	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
methylene chloride	< 5	5	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
carbon disulfide	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
trans-1,2-dichloroethene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,1-dichloroethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
2-butanone (MEK)	< 10	10	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
2,2-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
cis-1,2-dichloroethene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
chloroform	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
bromochloromethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
tetrahydrofuran (THF)	< 10	10	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,1,1-trichloroethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,1-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
carbon tetrachloride	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,2-dichloroethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
benzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
trichloroethene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,2-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
bromodichloromethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
dibromomethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
cis-1,3-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
toluene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
trans-1,3-dichloropropene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
2-hexanone	< 10	10	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,1,2-trichloroethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,3-dichloropropane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
tetrachloroethene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
dibromochloromethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	

Project ID: Island Pond AOT 06036.E1

Lab ID: 11817

Lab Number: 11817-005

Sample ID: F.B.

Matrix: Water

Sampled: 2/12/07 14:00

Parameter	Result	Quant Limit	Units	Instr Dil'n		Analyst	Prep Date	Analysis		
				Factor				Date	Time	Reference
chlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
ethylbenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
m&p-xylenes	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
o-xylene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
styrene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
bromoform	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
isopropylbenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,2,3-trichloropropane	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
n-propylbenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
bromobenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,3,5-trimethylbenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
2-chlorotoluene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
4-chlorotoluene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
tert-butylbenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,2,4-trimethylbenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
sec-butylbenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,3-dichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
4-isopropyltoluene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,4-dichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,2-dichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
n-butylbenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,2,4-trichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
hexachlorobutadiene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
naphthalene	< 5	5	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
1,2,3-trichlorobenzene	< 2	2	ug/L	1		LMM	2/15/07	12:51	SW5030B8260	
Surrogate Recovery		Limits								
dibromofluoromethane SUR	101	78-114	%	1		LMM	2/15/07	12:51	SW5030B8260	
toluene-D8 SUR	99	88-110	%	1		LMM	2/15/07	12:51	SW5030B8260	
4-bromofluorobenzene SUR	96	86-115	%	1		LMM	2/15/07	12:51	SW5030B8260	

Project ID: Island Pond AOT 06036.E1

Lab ID: 11817

Lab Number: 11817-001

Sample ID: MW-1

Matrix: Water

Sampled: 2/12/07 14:32

Parameter	Result	Quant	Instr Dil'n		Analyst	Prep Date	Analysis		Reference
		Limit	Units	Factor			Date	Time	
Diesel Range Organics (DRO) C10-C28	< 220	220	ug/L	1	JLZ	2/15/07	2/15/07	15:43	SW8015D
Surrogate Recovery		Limits							
2-fluorobiphenyl SUR	70	40-140	%	1	JLZ	2/15/07	2/15/07	15:43	SW8015D
o-terphenyl SUR	84	40-140	%	1	JLZ	2/15/07	2/15/07	15:43	SW8015D

Lab Number: 11817-002

Sample ID: MW-2

Matrix: Water

Sampled: 2/12/07 14:13

Parameter	Result	Quant	Instr Dil'n		Analyst	Prep Date	Analysis		Reference
		Limit	Units	Factor			Date	Time	
Diesel Range Organics (DRO) C10-C28	< 220	220	ug/L	1	JLZ	2/15/07	2/15/07	14:59	SW8015D
Surrogate Recovery		Limits							
2-fluorobiphenyl SUR	75	40-140	%	1	JLZ	2/15/07	2/15/07	14:59	SW8015D
o-terphenyl SUR	87	40-140	%	1	JLZ	2/15/07	2/15/07	14:59	SW8015D

Lab Number: 11817-003

Sample ID: MW-3

Matrix: Water

Sampled: 2/12/07 14:20

Parameter	Result	Quant	Instr Dil'n		Analyst	Prep Date	Analysis		Reference
		Limit	Units	Factor			Date	Time	
Diesel Range Organics (DRO) C10-C28	< 210	210	ug/L	1	JLZ	2/15/07	2/15/07	14:16	SW8015D
Surrogate Recovery		Limits							
2-fluorobiphenyl SUR	79	40-140	%	1	JLZ	2/15/07	2/15/07	14:16	SW8015D
o-terphenyl SUR	93	40-140	%	1	JLZ	2/15/07	2/15/07	14:16	SW8015D

RL Resource Laboratories, LLC
 124 Heritage Avenue • Portsmouth, NH 03801
 Phone: 603-436-2001 • Fax: 603-430-2100

**CHAIN-OF-CUSTODY RECORD
 AND ANALYSIS REQUEST**

11817

ANALYSIS REQUEST

Company Name: The Vertem Group Inc Phone #: 802-654-8663
 Company Address: 1114 Roosevelt Highway Colchester, VT 05446 FAX #: 802-654-8667
 Report To: Same Project Info: NH MA ME VT
Island Pond Not 06036.E1
 Invoice To: Protocol: RCRA SDWA NPDES MCP NHDES OTHER

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling			
			WATER	SOLID	OTHER	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	OTHER (Specify)	DATE	TIME	SAMPLER*
11817-01	MW-1	3	✓			✓					ICE	2/13/07	14:32	✓
-02	MW-2	3	✓			✓					ICE		14:13	✓
-03	MW-3	3	✓			✓					ICE		14:20	✓
-04	DUP-1	2	✓			✓							14:45	
-05	FR	2	✓			✓						✓	14:00	✓

<input checked="" type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624	<input type="checkbox"/> VOC 815X	<input type="checkbox"/> MRE, only
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> MEGRO	<input type="checkbox"/> GRO
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	
<input type="checkbox"/> TPH	<input type="checkbox"/> 8270AH	<input type="checkbox"/> 8270AHN
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270AHN	<input type="checkbox"/> 825
<input type="checkbox"/> 6082 PCB	<input type="checkbox"/> 9081 Pesticides	<input type="checkbox"/> 608 Pest/PCB
<input type="checkbox"/> 03G 1664	<input type="checkbox"/> Mineral O&G	<input type="checkbox"/> SM520F
<input type="checkbox"/> pH	<input type="checkbox"/> BOD	<input type="checkbox"/> Conductivity
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals
<input type="checkbox"/> Total Metals-list	<input type="checkbox"/> Dissolved Metals-list	
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TKN
<input type="checkbox"/> I-Phosphorus	<input type="checkbox"/> Phenol	
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Ortho P
<input type="checkbox"/> Corrosivity	<input type="checkbox"/> Reactive CN	<input type="checkbox"/> Reactive S-
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SWOC
<input type="checkbox"/> TCLP Pesticide	<input type="checkbox"/> TCLP Herbicides (subcontract)	
<input type="checkbox"/> Standard Drinking Water Test	<input type="checkbox"/> Bacteria P/A	

TAT REQUESTED * See www.reslabs.com for sample acceptance policy.
 Priority (24 hr)
 Expedited (48 hr)
 10 Business Days
 Date Needed _____
 E-Mail Address _____
 Quote # 5325
 PO # _____

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS
 FAX OTHER (specify) _____
 PDF Excel Spreadsheet
 RECEIVED ON ICE YES NO
 TEMPERATURE 4 °C

CUSTODY RECORD	Relinquished by Sampler: <u>[Signature]</u>	Date: <u>2/13/07</u>	Time: <u>13:45</u>	Received by: <u>WPS</u>	Date: _____	Time: _____
	Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
	Relinquished by: <u>WPS</u>	Date: _____	Time: _____	Received by Laboratory: <u>[Signature]</u>	Date: <u>2/14/07</u>	Time: <u>12:40</u>