THE VERTERRE GROUP, INC.

Environmental Scientists and Engineers

July 31, 2006

Mr. Steve Smith
Lyndon Motor Lodge
PO Box 188
Lyndon, VT 05849

RE: Initial Site Investigation – Lyndon Motor Lodge, Lyndon, Vermont
SMS Site # 2005-3407; Verterre Project # 06006

Dear Mr. Smith:

Enclosed is the Initial Site Investigation Report which was prepared by The Verterre Group, Inc.® (Verterre) to evaluate subsurface conditions following the closure of an abandoned 1,000-gallon fuel oil underground storage tank (UST) at the Lyndon Motor Lodge at 6148 Memorial Drive in Lyndon, Vermont. The closure was performed by Wagner Construction on July 11, 2005.

On May 16, 2006, six (6) soil borings were advanced. Four (4) of these soil borings were completed as permanent groundwater monitoring wells. Groundwater samples were collected from the four wells on June 5, 2006. 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 slightly impacted the soil and groundwater in the vicinity of the former UST cavity. The densely packed soils in the vicinity of the former UST appear to be preventing contamination from migrating to other areas.

Because of the low level VOCs present in MW-2 (located within the former UST cavity) during this SITE investigation, Verterre recommends sampling all SITE wells again in October 2006 for VOCs by USEPA Method 8021B.

If you have any questions or concerns, please contact our office at (802) 654-8663 extension 106.

Sincerely,
The Verterre Group, Inc.®

Martha Roy

Martha Roy
Project Manager

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

414 Roosevelt Highway, Suite 200 Colchester, Vermont 05446 · *Tel* 802.654.8663 *Fax* 802.654.8667
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Phase (check one)	Type (check one)
✓ Site Investigation ☐ Corrective Action Feasibility Investigation ☐ Corrective Action Plan ☐ Corrective Action Summary Report ☐ Operations & Monitoring Report	☐ Work Scope ✓ Technical Report ☐ PCF Reimbursement Request ☐ General Correspondence

JUNE 2006
SITE INVESTIGATION REPORT

Ms. Steve Smith
Lyndon Motor Lodge
6148 Memorial Drive
Lyndon, VT 05849

Verterre Project # 06006
SMS Site # 2005-3407
SMS Project Manager: Mr. Ashley Desmond

Date Submitted: July 31, 2006

Written By: _____
Martha Roy, Project Manager

Reviewed By: _____
Rod Lindsay II, Staff Scientist

July 31, 2006

Mr. Steve Smith
Lyndon Motor Lodge
PO Box 188
Lyndon, VT 05849

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Because of the low level VOCs present in MW-2 (located within the former UST cavity) during this SITE investigation, Verterre recommends sampling all SITE wells again in October 2006 for VOCs by USEPA Method 8021B.

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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, Inc.® (Verterre) to present the findings of environmental conditions encountered during a recent subsurface Site Investigation at the Lyndon Motor Lodge, located at 6148 Memorial Drive in Lyndon, Vermont (the SITE). A SITE Location Map is provided as **Figure 1** and SITE Plan is presented as **Figure 2**. The investigation was initiated in response to contamination encountered during removal of an abandoned 1,000 gallon fuel oil underground storage tank (UST) located on the property.

2.0 BACKGROUND

On July 11, 2005, Wagner Construction removed an abandoned 1,000 gallon fuel oil UST from the Lyndon Motor Lodge property. The tank was estimated to be 55 years old and in poor condition. During the tank closure, visual and olfactory evidence of petroleum contamination was encountered. Soils screened for volatile organic compounds (VOCs) using a photoionization detector (PID) had readings as high as 852 parts per million (ppm) near the fill pipe. Groundwater was encountered in the excavation at a depth of 4.5 feet below grade, with petroleum sheens were noted on the surface. All the soils were backfilled into the tank grave.

Based on the observed site conditions further investigative actions were warranted. Verterre submitted a workscope and cost estimate for a Site Investigation that was approved by the State of Vermont Sites Management Section (SMS) on February 7, 2006.

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 six (6) on-site soil borings using Geoprobe® Direct Push technology. Recovered soil samples were field screened for the presence of VOCs using a PID equipped with a 10.6 eV lamp.
- Conversion of the four (4) 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 six (6) soil borings on May 16, 2006 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 6 to 8 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. The PID was a Thermo Environmental Instruments Model 580B with a 10.6 eV photoionizing lamp. The PID was calibrated to a 100-ppmv isobutylene standard, referenced to benzene.

Contaminated soil was encountered during the advancement of soil boring B-5. PID readings for all other soil borings were <0.1 parts per million by volume (ppmv).

BORING SUMMARY TABLE

Boring ID	Boring Location	Depth of Boring/ Depth to Water[1] (feet bgs) Max PID (ppmv)
B-1/MW-1	Located southeast of the former UST.	Boring = 8 DTW = 6 PID = <0.1
B-2/MW-3	Located northwest of the former UST.	Boring = 8 DTW = 6 PID = <0.1
B-3	Located east of the former UST.	Boring = 8 DTW = 6 PID = <0.1
B-4	Located west of the former UST. Refusal at 6 feet.	Boring = 6 DTW = 6 PID = <0.1
B-5/MW-2	Located within the former UST cavity.	Boring = 8 DTW = 6 PID = 36.5 (4-8 feet)
B-6/MW-4	Located northeast of the former UST cavity.	Boring = 8 DTW = 6 PID = <0.1

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 May 16, 2006. 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 fine to coarse densely packed sands. 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 June 5, 2006. Samples were collected from the newly installed wells MW-1, MW-2, MW-3 and MW-4. 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.

Quality assurance/Quality control (QA/QC) samples incorporated into this sampling round included one (1) duplicate sample taken from monitor well MW-2 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 June 5, 2006. Depth to water ranged from 2.21 ft below top of casing (btoc) to 2.75 ft btoc at monitoring wells MW-2 and MW-1, respectively. A summary of groundwater elevation data is presented in **Table 1**.

Groundwater has been interpreted to flow to the northwest. The hydraulic gradient was calculated by measuring the perpendicular distance between groundwater elevation contours. The hydraulic gradient was calculated to be 0.014 feet/foot between MW-1 and the 97.8 foot contour. A graphical interpretation of the groundwater flow direction is presented on the Groundwater Contour Plan provided as **Figure 3**.

6.2 Groundwater Analytical Results

Contaminants of concern (COCs) were detected above method detection limits (MDLs) in MW-2 at a concentration of 7 micrograms per liter (ug/l). No COCs were reported above the MDLs in MW-1, MW-3 and MW-4. The complete analytical laboratory report is summarized in **Table 2**, and is provided as **Attachment 1**.

1,2,4 Trimethylbenzene (124 TMB) was reported below the Vermont Ground Enforcement Standard (VGES) in MW-2 at a concentration of 3 ug/l. A duplicate sample collected from MW-2 reported 124 TMB at the VGES of 5.0 ug/l.

Sec Butylbenzene was also reported in MW-2 at a concentration 2 ug/l. Sec Butylbenzene does not have a VGES limit.

TPH-DRO was reported above the MDL in MW-2 at a concentration of 17,000 ug/l. TPH-DRO was not reported above the MDL in MW-1, MW-3, or MW-4. TPH-DRO does not have a VGES.

6.3 QA/QC Results

The Relative Percent Difference (RPD) for total COCs in the sample collected from MW-2 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 and the does contain a basement. The basement and room #9 were screened for VOCs with a PID. All readings were <0.1 ppmv.

Neighboring properties consist of private residences.

According to the State of Vermont Agency of Natural Resources Internet mapping site, there are no private wells located within one-half mile of the SITE.

An unnamed brook is located approximately ½ mile to the east.

8.0 SUMMARY AND CONCLUSIONS

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

- Results of soil headspace screening during soil boring activities, revealed low level VOC concentrations above MDLs in soil boring B-5 which was located in the former UST cavity. B-5 was converted to monitor well MW-2.

- 124 TMB was reported below the VGES in MW-2 at a concentration of 3 ug/l. A duplicate sample collected from MW-2 reported 124 TMB at the VGES of 5.0 ug/l. Sec Butylbenzene was also reported in MW-2 at a concentration 2 ug/l. Sec Butylbenzene does not have a VGES limit.

- Laboratory results of the monitor wells MW-1, MW-3 and MW-4 reported no COCs above the VGES.

- TPH-DRO was reported above the MDL in MW-2 at a concentration of 17,000 ug/l (17 mg/l). TPH-DRO does not have a VGES.

- The soils underlying the SITE consist of fine to coarse densely packed sands.

- Considering the data and information obtained thus far, no receptors in the immediate vicinity appear to be at risk.

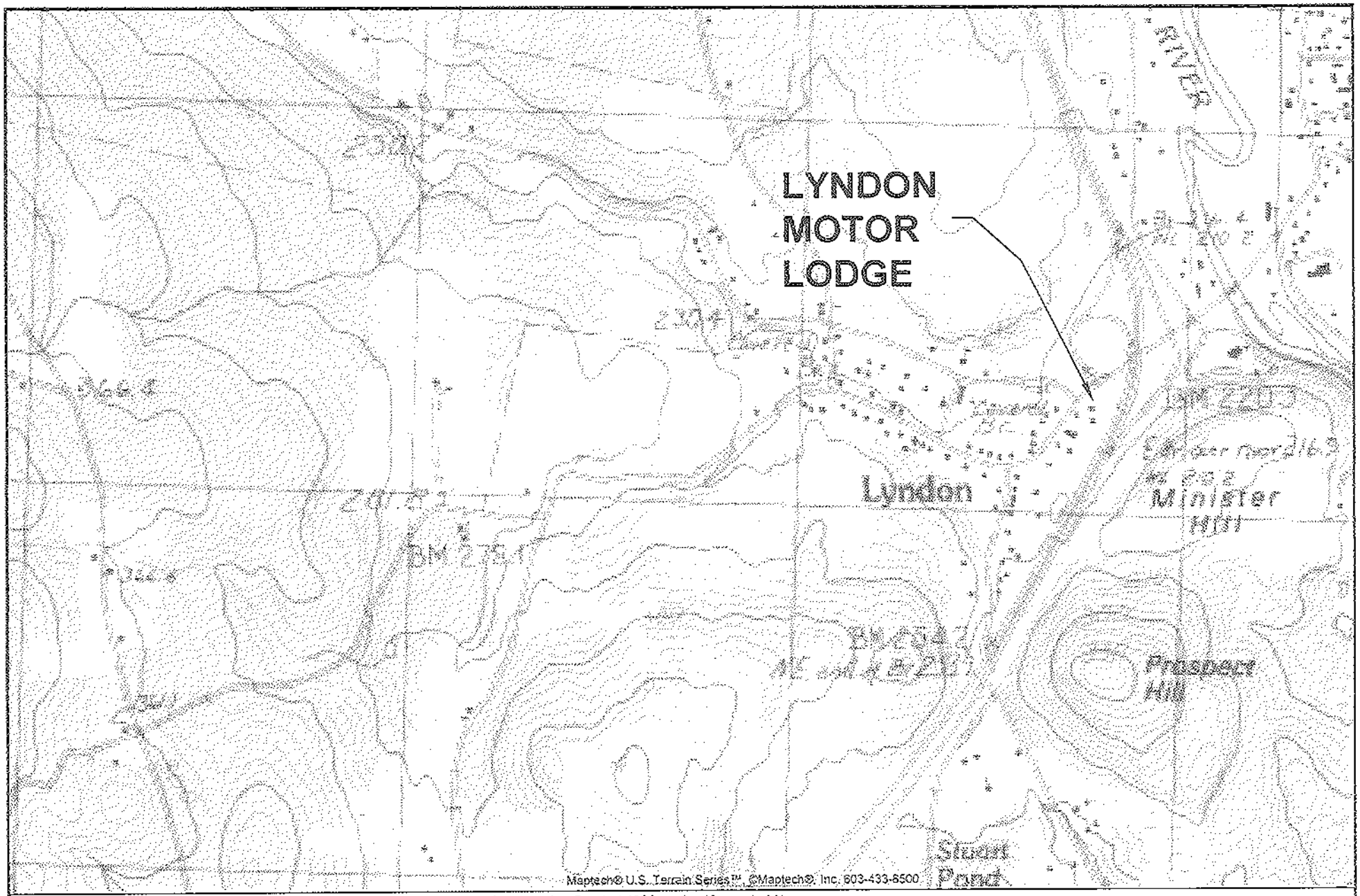
9.0 RECOMMENDATIONS

Soil and groundwater beneath the SITE have been slightly impacted by the observed release of petroleum to the subsurface from the recently removed UST. B-5 had a PID value of 36.5 ppmv in the 4-8 foot section of the boring. This boring was converted to MW-2. The densely packed soils appear to be limiting transportation of any contamination.

Because of the low level VOCs present in MW-2 during this SITE investigation, Verterre recommends sampling all SITE wells again in October 2006 for VOCs by USEPA Method 8021B. Depth to water will be collected at all wells at the same time.

G:\06006_lyndon\0406 Site Investigation.doc

FIGURES



SOURCE: USGS 7.5' Minute Topographic Map Series Lyndonville, Vermont Quadrangle. Created 1986, revised/inspected None.

Fs1:/project/06006/Site Location Map.dwg

Project #06006

DRAWN BY:	SRC
CHECKED BY:	MER
APPROVED BY:	
DATE:	07/28/06
SCALE:	1" = 1,000'

The Verterre Group, Inc.®
414 Roosevelt Highway - Suite 200
Colchester, Vermont 05446
(802) 654-8663

FIGURE 1
SITE LOCATION MAP
Lyndon Motor Lodge
6148 Memorial Drive
Lyndonville, Vermont

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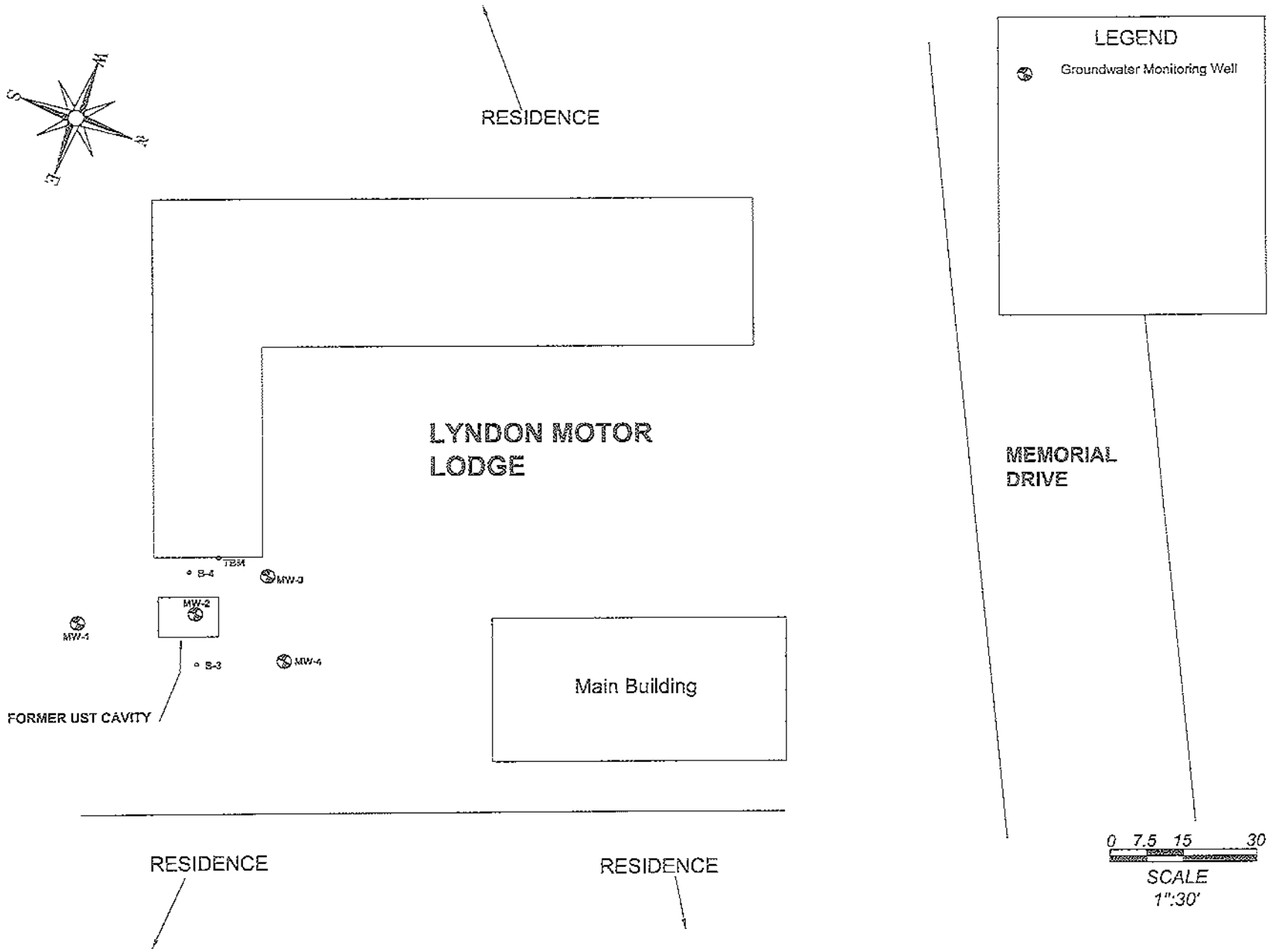

Fs1:/project/06006/Site Plan.dwg

Verterre Project #06006

DRAWN BY:	SRC
CHECKED BY:	MR
APPROVED BY:	
DATE:	07/28/06
SCALE:	1" = 30'

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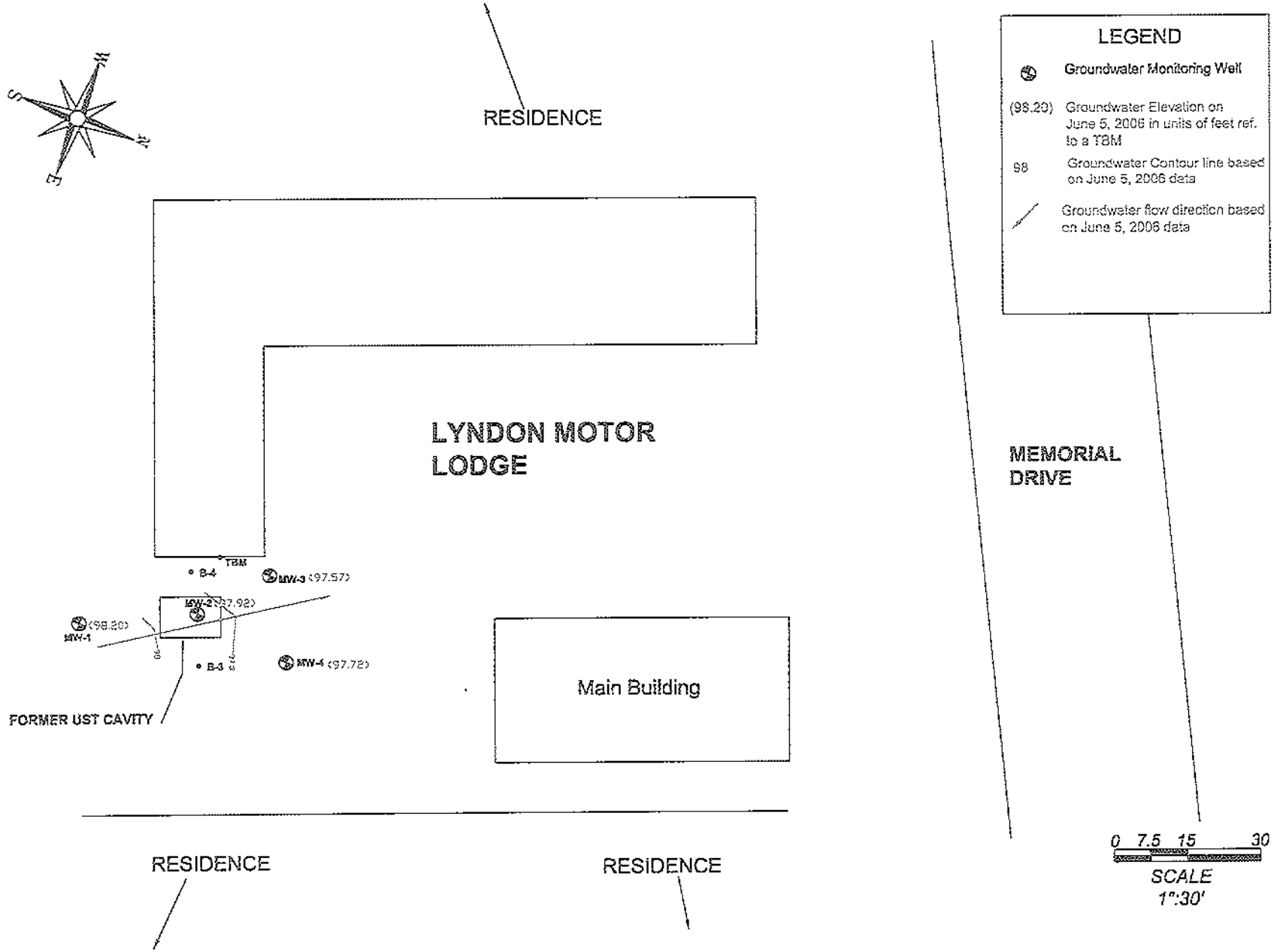
FIGURE 2
SITE PLAN

Lyndon Motor Lodge
Lyndonville, Vermont



Fs1:/project/06006/Site Plan.dwg

Verterre Project #06006

DRAWN BY: SRC
CHECKED BY: MR
APPROVED BY:
DATE: 07/28/06
SCALE: 1" = 30'

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Colchester, Vermont 05446
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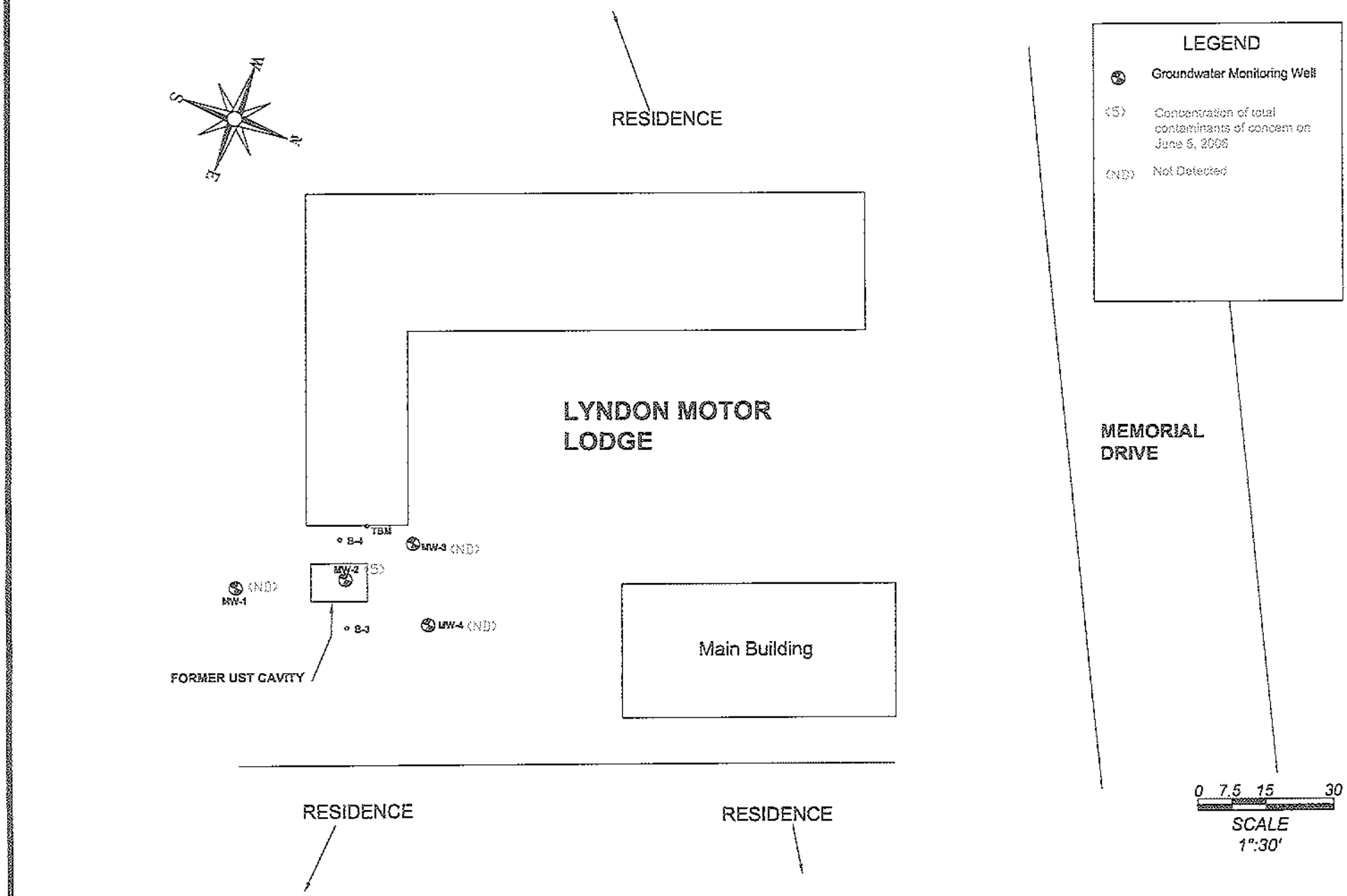
FIGURE 3
Groundwater Contour Plan
June 5, 2006
Lyndon Motor Lodge
Lyndonville, Vermont



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Verterre Project #06006

DRAWN BY:	SRC
CHECKED BY:	MR
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DATE:	07/26/06
SCALE:	1" = 30'

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414 Roosevelt Highway - Suite 200
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FIGURE 4
COC Distribution Plan
June 5, 2006
Lyndon Motor Lodge
Lyndonville, Vermont

TABLES

TABLE 1

SUMMARY OF GROUNDWATER ELEVATIONS

Lyndon Motor Lodge

Lyndon, Vermont

June 5, 2006

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	100.95	ND	2.75	7.51	4.76	98.20
MW-2	100.13	sheen	2.21	7.52	5.31	97.92
MW-3	100.22	ND	2.65	7.20	4.55	97.57
MW-4	100.18	ND	2.46	7.41	4.95	97.72
		Average depth to water is 2.52 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. *NL-Not located.*
7. *Monitoring wells MW-1, MW-2, MW-3 and MW-4 installed by Verterre on May 16, 2006*

TABLE 2

SUMMARY OF GROUNDWATER QUALITY
Lyndon Motor Lodge
Lyndon, Vermont
June 5, 2006

Compound	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Naphthalene	sec-Butyl Benzene	Total COC	TPH DRO
Sample ID	Concentration (ug/L)										
MW-1	<2	<2	<2	<4	<2	<2	<2	<5	<2	nd	<200
MW-2	<2	<2	<2	<4	<2	<2	3	<5	2	5	17,000
MW-3	<2	<2	<2	<4	<2	<2	<2	<5	<2	nd	<200
MW-4	<2	<2	<2	<4	<2	<2	<2	<5	<2	nd	<200
DUP-1	<2	<2	<2	<4	<2	<2	***5***	<5	2	7	nt
Field Blank	<2	<2	<2	<4	<2	<2	<2	<5	<2	nd	nt
VGES	5.0	1,000	700	10,000	40.0	4.0	5.0	20.0	ne	ne	ne

Relative Percent Difference

RPD for COCs and MTBE between MW-2 and DUP-1was not calculated because results were less than 10 x MDLs.

Notes:

1. VGES - Vermont Groundwater Enforcement Standard.
2. ne - VGES not established.
3. **Bold** and *Italic* numbers indicate concentrations that exceed VGES.
4. DUP-1 Duplicate sample of monitoring well MW-2. Collected for Quality Assurance/Quality Control.
5. All monitor wells were analyzed for VOC's via US EPA Method 8260. TPH-DRO analyzed by 8015.
6. ns - not sampled, nt - not tested.
7. Monitoring wells MW-1, MW-2, MW-3 and MW-4 installed by Vertterre on May 16, 2006

The Vertterre Group, Inc.®

APPENDIX A

THE VERTERRE GROUP, INC

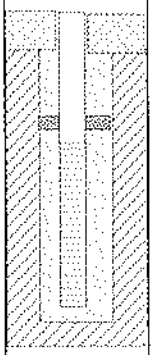
The Verterre Group, Inc.®
414 Roosevelt Highway Colchester, Vermont 05446
(802) 654-8663 FAX: (802) 654-8667

MONITORING WELL/SOIL BORING LOG

Project Name:	**Lyndon Motor Lodge**
Location:	**Lyndon, Vermont**
Verterre Project #:	**06006**

WELL/
BORING ID:
B-1/MW-1

INSTALL DATE:	May 16, 2006	WELL DEPTH: 8 ft	BORING DEPTH: 8 ft
VERTERRE REP:	Rod Lindsay	DEPTH TO WATER: (during drilling)	Approximately 6 ft
DRILLING CO:	Verterre Colchester, VT	SCREEN DIA: 1-inch	DEPTH: 3-8 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: 0-3 ft bgs
REFERENCE POINT (RP):	Top of casing	GUARD TYPE:	Aluminum Roadbox
ELEVATION OF RP:	100.95	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	<0.1	6" recovery	0-2": Brown Top Soil. 2-6": Sandy Lean Brown Loam. 6-24": Fine orange/brown Sand with large cobble. 24-36": Fine Brown Sand with small cobble.	CEMENT GROUT NATIVE BACKFILL BENTONITE SEAL SAND PACK WELL SCREEN RISER PIPE HS HEAD SPACE WATER LEVEL (APPROXIMATE)
1						
2						
3						
4		4-8	<0.1	18" recovery	4-18": Fine brown density packed sand/silt with medium cobble, saturated.	
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

GRANULAR SOILS	
BLOWS FT	DENSITY
0-1	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: 1. See Figure 2. SITE Plan, for boring locations

THE VERTERRE GROUP, INC

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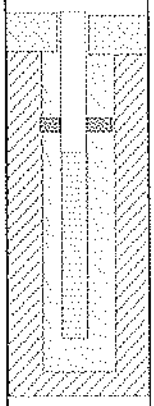
MONITORING WELL/SOIL BORING LOG

Project Name: **Lyndon Motor Lodge**
Location: **Lyndon, Vermont**
Verterre Project #: **06006**

WELL/ BORING ID: **B-2/MW-3**

INSTALL DATE:	May 16, 2006	WELL DEPTH: 8 ft	BORING DEPTH: 8 ft
VERTERRE REP:	Rod Lindsay	DEPTH TO WATER: (during drilling)	Approximately 6 ft
DRILLING CO:	Verterre Colchester, VT	SCREEN DIA: 1-inch	DEPTH: 3-8 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: 0-3 ft bgs
REFERENCE POINT (RP):	Top of casing	GUARD TYPE:	Aluminum Roadbox
ELEVATION OF RP:	100.22	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		0-3	<0.1	18" recovery	0"-2": Asphalt gravel. 2"-18": Coarse brown sand with medium cobbles.	CEMENT GROUT NATIVE BACKFILL BENTONITE SEAL SAND PACK WELL SCREEN RISER PIPE HS HEAD SPACE WATER LEVEL (APPROXIMATE)
1						
2						
3						
4		4-8	<0.1	15" recovery	0"-4": Coarse brown sand, saturated. 4"-6": Fine brown silt. 6"-15": Fine brown densely packed sand/silt with medium cobble, moist.	
5						
6						
7						
8						
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: 1. See Figure 2, SITE Plan, for boring locations

THE VERTERRE GROUP, INC

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(802) 654-8663 FAX: (802) 654-8667

MONITORING WELL/SOIL BORING LOG

Project Name: **Lyndon Motor Lodge**
Location: **Lyndon, Vermont**
Verterre Project #: **06006**

WELL/ BORING ID: **B-3**

INSTALL DATE:	May 16, 2006	WELL DEPTH:	NA	BORING DEPTH:	8 ft
VERTERRE REP:	Rod Lindsay	DEPTH TO WATER: (during drilling)	6 ft		
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:	Not measured	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*
0		0-4	<0.1	16" recovery	0-16": Densely packed Fine Brown Sand/Silt.
1					
2					
3					
4		4-8	<0.1	48" recovery	0-6": Fine Brown Sand, Loose, Saturated. 6-14": Densely packed Fine Orange/Brown Sand, Wet. 14-16": Light Brown Coarse Sand. 16-48": Densely packed Fine, Brown Sand/Silt, Moist.
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

LEGEND: CEMENT GROUT; NATIVE BACKFILL; BENTONITE SEAL; SAND PACK; WELL SCREEN; RISER PIPE; HS HEAD SPACE; WATER LEVEL (APPROXIMATE)

GRANULAR SOILS	
BLOWS FT	DENSITY
0-1	V.LOOSE
1-10	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: 1. See **Figure 2.** SITE Plan for boring locations

THE VERTERRE GROUP, INC

The Verterre Group, Inc.©
414 Roosevelt Highway Colchester, Vermont 05446
(802) 654-8663 FAX: (802) 654-8667

MONITORING WELL/SOIL BORING LOG

Project Name: **Lyndon Motor Lodge**
Location: **Lyndon, Vermont**
Verterre Project #: **06006**

WELL/ BORING ID: **B-4**

INSTALL DATE:	May 16, 2006	WELL DEPTH: NA	BORING DEPTH: 8 ft
VERTERRE REP:	Rod Lindsay	DEPTH TO WATER: (during drilling)	6 ft
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:	Not measured	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*
0		0-4	0.1	12" recovery	0-8": Loamy topsoil with large cobble. 8-12": Coarse Dark Brown Sand with large cobble.
1					
2					
3					
4		4-8	0.1	20" recovery	0-8": Coarse Dark Brown Sand with large cobble. Saturated. 8-20": Densely packed Fine Brown Sand/Silt, with large cobble.
5					
6					
7					
8					
9					
10					
11					
12					
13					Water Returned at 6 feet.
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

LEGEND: CEMENT GROUT; NATIVE BACKFILL; BENTONITE SEAL; SAND PACK; WELL SCREEN; RISER PIPE; HS HEAD SPACE; WATER LEVEL (APPROXIMATE)

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: 1. See Figure 2, SITE Plan, for boring locations

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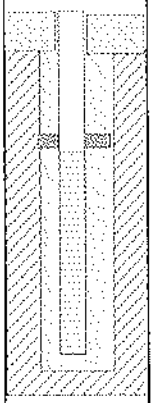
MONITORING WELL/SOIL BORING LOG

Project Name: **Lyndon Motor Lodge**
Location: **Lyndon, Vermont**
Verterre Project #: **06006**

WELL/ BORING ID: **B-5/MW-2**

INSTALL DATE:	May 16, 2006	WELL DEPTH: 8 ft	BORING DEPTH: 8 ft
VERTERRE REP:	Rod Lindsay	DEPTH TO WATER: (during drilling)	Approximately 6 ft
DRILLING CO:	Verterre Colchester, VT	SCREEN DIA: 1-inch	DEPTH: 3-8 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: 0-3 ft bgs
REFERENCE POINT (RP):	Top of casing	GUARD TYPE:	Aluminum Roadbox
ELEVATION OF RP:	100.13	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*
0		0-4	<0.1	48" recovery	0"-12": Fill Material/Coarse brown sand.
1			3.4		12"-24": Densely packed Sand/Silt with small cobble, moist.
2					
3					
4		4-8	36.5	60" recovery	48"-52": Dark brown Sandy/Silt with medium cobble, Saturated with Water.
5			<0.1		52"-60": Densely packed Sand/Silt with medium cobble, moist. PID at time of sample.
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

LEGEND: CEMENT GROUT; NATIVE BACKFILL; BENTONITE SEAL; SAND PACK; WELL SCREEN; RISER PIPE; HS HEAD SPACE; WATER LEVEL (APPROXIMATE)

GRANULAR SOILS	
BLOWS/FT	DENSITY
0-1	V.LOOSE
1-10	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: 1. See Figure 2. SITE Plan, for boring locations

THE VERTERRE GROUP, INC

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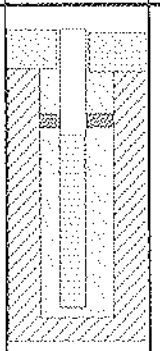
(802) 654-8663 FAX: (802) 654-8667

MONITORING WELL/SOIL BORING LOG

Project Name: **Lyndon Motor Lodge**
Location: **Lyndon, Vermont**
Verterre Project #: **06006**

WELL/ BORING ID: **B-6/MW-4**

INSTALL DATE:	May 16, 2006	WELL DEPTH: 8 ft	BORING DEPTH: 8 ft
VERTERRE REP:	Rod Lindsay	DEPTH TO WATER: (during drilling)	Approximately 6 ft
DRILLING CO:	Verterre Colchester, VT	SCREEN DIA: 1- inch	DEPTH: 3-8 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: 0-3 ft bgs
REFERENCE POINT (RP):	NA	GUARD TYPE:	Aluminum roadbox
ELEVATION OF RP:	100.18	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*
0		0-4		12" recovery	No sample
1					
2					
3					
4		4-8	<0.1	18" recovery	Drill: Poorly packed tan brown sand/silt, wet.
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

LEGEND: CEMENT GROUT; NATIVE BACKFILL; BENTONITE SEAL; SAND PACK; WELL SCREEN; RISER PIPE; HSA HOLLOW STEM AUGER; WATER LEVEL (APPROXIMATED)

GRANULAR SOILS	
BLOWS/FT	DENSITY
0-3	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: 1. See **Figure 2**, SITE Plan, for boring locations

ATTACHMENT 1

Laboratory Report

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

PO Number: None
LabID: 10463
Date Received: 6/7/06

Project: 06066 Lyndon Motor Lodge

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

6-15-06
Date

Total number of pages 12

Resource Laboratories, LLC Certifications

New Hampshire	1732	Massachusetts	M-NH902
Maine	NH903		

Lab Number:	10463-01
Sample Designation:	MW-1
Date Sampled:	6/5/06
Date Analyzed:	6/9/06
Matrix:	Water
Instrument Dilution Factor:	1
Analyst:	LMM

VOLATILE ORGANICS
SW 846 Method 5030B/8260B

	Concentration ug/L	Quantitation Limit ug/L		Concentration ug/L	Quantitation Limit ug/L
dichlorodifluoromethane	U	2	1,1,2-trichloroethane	U	2
chloromethane	U	2	1,3-dichloropropane	U	2
vinyl chloride	U	2	tetrachloroethene	U	2
bromomethane	U	2	dibromochloromethane	U	2
chloroethane	U	2	1,2-dibromoethane	U	2
trichlorofluoromethane	U	2	chlorobenzene	U	2
diethyl ether	U	10	1,1,1,2-tetrachloroethane	U	2
acetone	U	10	ethylbenzene	U	2
1,1-dichloroethene	U	1	m&p-xylenes	U	2
methylene chloride	U	5	o-xylene	U	2
carbon disulfide	U	2	styrene	U	2
methyl t-butyl ether (MTBE)	U	2	bromoform	U	2
trans-1,2-dichloroethene	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
2-butanone (MEK)	U	10	1,2,3-trichloropropane	U	2
2,2-dichloropropane	U	2	n-propylbenzene	U	2
cis-1,2-dichloroethene	U	2	bromobenzene	U	2
chloroform	U	2	1,3,5-trimethylbenzene	U	2
bromochloromethane	U	2	2-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	4-chlorotoluene	U	2
1,1,1-trichloroethane	U	2	tert-butylbenzene	U	2
1,1-dichloropropene	U	2	1,2,4-trimethylbenzene	U	2
carbon tetrachloride	U	2	sec-butylbenzene	U	2
1,2-dichloroethane	U	2	1,3-dichlorobenzene	U	2
benzene	U	2	4-isopropyltoluene	U	2
trichloroethene	U	2	1,4-dichlorobenzene	U	2
1,2-dichloropropane	U	2	1,2-dichlorobenzene	U	2
bromodichloromethane	U	2	n-butylbenzene	U	2
dibromomethane	U	2	1,2-dibromo-3-chloropropane	U	2
4-methyl-2-pentanone (MIBK)	U	10	1,2,4-trichlorobenzene	U	2
cis-1,3-dichloropropene	U	2	hexachlorobutadiene	U	2
toluene	U	2	naphthalene	U	5
trans-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
2-hexanone	U	10			

SURROGATE STANDARDS	Recovery (%)	Acceptance Limits (%)
dibromofluoromethane	99	78-114
toluene-D8	100	88-110
4-bromofluorobenzene	95	86-115

U = Below quantitation limit

Lab Number:	10463-01
Sample Designation:	MW-1
Date Sampled:	6/5/06
Date Extracted:	6/8/06
Date Analyzed:	6/9/06
Matrix:	Water
Dilution Factor:	1
Analyst:	AJD

DIESEL RANGE ORGANICS
SW 846 3510C/8015B

	Concentration ug/L	Quantitation Limit ug/L
C10-C28 DRO	U	200

SURROGATE STANDARDS	Recovery (%)	Acceptance Limits (%)
2-fluorobiphenyl	95	40-140
o-terphenyl	104	40-140

U = Below quantitation limit

Lab Number:	10463-02
Sample Designation:	MW-2
Date Sampled:	6/5/06
Date Analyzed:	6/9/06
Matrix:	Water
Instrument Dilution Factor:	1
Analyst:	LMM

VOLATILE ORGANICS
SW 846 Method 5030B/8260B

	Concentration ug/L	Quantitation Limit ug/L		Concentration ug/L	Quantitation Limit ug/L
dichlorodifluoromethane	U	2	1,1,2-trichloroethane	U	2
chloromethane	U	2	1,3-dichloropropane	U	2
vinyl chloride	U	2	tetrachloroethene	U	2
bromomethane	U	2	dibromochloromethane	U	2
chloroethane	U	2	1,2-dibromoethane	U	2
trichlorofluoromethane	U	2	chlorobenzene	U	2
diethyl ether	U	10	1,1,1,2-tetrachloroethane	U	2
acetone	U	10	ethylbenzene	U	2
1,1-dichloroethene	U	1	m&p-xylenes	U	2
methylene chloride	U	5	o-xylene	U	2
carbon disulfide	U	2	styrene	U	2
methyl t-butyl ether (MTBE)	U	2	bromoform	U	2
trans-1,2-dichloroethene	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
2-butanone (MEK)	U	10	1,2,3-trichloropropane	U	2
2,2-dichloropropane	U	2	n-propylbenzene	U	2
cis-1,2-dichloroethene	U	2	bromobenzene	U	2
chloroform	U	2	1,3,5-trimethylbenzene	U	2
bromochloromethane	U	2	2-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	4-chlorotoluene	U	2
1,1,1-trichloroethane	U	2	tert-butylbenzene	U	2
1,1-dichloropropene	U	2	1,2,4-trimethylbenzene	3	2
carbon tetrachloride	U	2	sec-butylbenzene	2	2
1,2-dichloroethane	U	2	1,3-dichlorobenzene	U	2
benzene	U	2	4-isopropyltoluene	U	2
trichloroethene	U	2	1,4-dichlorobenzene	U	2
1,2-dichloropropane	U	2	1,2-dichlorobenzene	U	2
bromodichloromethane	U	2	n-butylbenzene	U	2
dibromomethane	U	2	1,2-dibromo-3-chloropropane	U	2
4-methyl-2-pentanone (MIBK)	U	10	1,2,4-trichlorobenzene	U	2
cis-1,3-dichloropropene	U	2	hexachlorobutadiene	U	2
toluene	U	2	naphthalene	U	5
trans-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
2-hexanone	U	10			

SURROGATE STANDARDS	Recovery (%)	Acceptance Limits (%)
dibromofluoromethane	99	78-114
toluene-D8	99	88-110
4-bromofluorobenzene	98	86-115

U = Below quantitation limit

Lab Number:	10463-02
Sample Designation:	MW-2
Date Sampled:	6/5/06
Date Extracted:	6/8/06
Date Analyzed:	6/9/06
Matrix:	Water
Dilution Factor:	1
Analyst:	AJD

DIESEL RANGE ORGANICS

SW 846 3510C/8015B

	Concentration ug/L	Quantitation Limit ug/L
C10-C28 DRO	17000	200

SURROGATE STANDARDS	Recovery (%)	Acceptance Limits (%)
2-fluorobiphenyl	106	40-140
o-terphenyl	114	40-140

U = Below quantitation limit

Lab Number:	10463-03
Sample Designation:	MW-3
Date Sampled:	6/5/06
Date Analyzed:	6/9/06
Matrix:	Water
Instrument Dilution Factor:	1
Analyst:	LMM

VOLATILE ORGANICS
SW 846 Method 5030B/8260B

	Concentration ug/L	Quantitation Limit ug/L		Concentration ug/L	Quantitation Limit ug/L
dichlorodifluoromethane	U	2	1,1,2-trichloroethane	U	2
chloromethane	U	2	1,3-dichloropropane	U	2
vinyl chloride	U	2	tetrachloroethene	U	2
bromomethane	U	2	dibromochloromethane	U	2
chloroethane	U	2	1,2-dibromoethane	U	2
trichlorofluoromethane	U	2	chlorobenzene	U	2
diethyl ether	U	10	1,1,1,2-tetrachloroethane	U	2
acetone	U	10	ethylbenzene	U	2
1,1-dichloroethene	U	1	m&p-xylenes	U	2
methylene chloride	U	5	o-xylene	U	2
carbon disulfide	U	2	styrene	U	2
methyl t-butyl ether (MTBE)	U	2	bromoform	U	2
trans-1,2-dichloroethene	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
2-butanone (MEK)	U	10	1,2,3-trichloropropane	U	2
2,2-dichloropropane	U	2	n-propylbenzene	U	2
cis-1,2-dichloroethene	U	2	bromobenzene	U	2
chloroform	U	2	1,3,5-trimethylbenzene	U	2
bromochloromethane	U	2	2-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	4-chlorotoluene	U	2
1,1,1-trichloroethane	U	2	tert-butylbenzene	U	2
1,1-dichloropropene	U	2	1,2,4-trimethylbenzene	U	2
carbon tetrachloride	U	2	sec-butylbenzene	U	2
1,2-dichloroethane	U	2	1,3-dichlorobenzene	U	2
benzene	U	2	4-isopropyltoluene	U	2
trichloroethene	U	2	1,4-dichlorobenzene	U	2
1,2-dichloropropane	U	2	1,2-dichlorobenzene	U	2
bromodichloromethane	U	2	n-butylbenzene	U	2
dibromomethane	U	2	1,2-dibromo-3-chloropropane	U	2
4-methyl-2-pentanone (MIBK)	U	10	1,2,4-trichlorobenzene	U	2
cis-1,3-dichloropropene	U	2	hexachlorobutadiene	U	2
toluene	U	2	naphthalene	U	5
trans-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
2-hexanone	U	10			

SURROGATE STANDARDS	Recovery (%)	Acceptance Limits (%)
dibromofluoromethane	100	78-114
toluene-D8	101	88-110
4-bromofluorobenzene	100	86-115

U = Below quantitation limit

Lab Number:	10463-03
Sample Designation:	MW-3
Date Sampled:	6/5/06
Date Extracted:	6/8/06
Date Analyzed:	6/9/06
Matrix:	Water
Dilution Factor:	1
Analyst:	AJD

DIESEL RANGE ORGANICS

SW 846 3510C/8015B

	Concentration ug/L	Quantitation Limit ug/L
C10-C28 DRO	U	200

SURROGATE STANDARDS	Recovery (%)	Acceptance Limits (%)
2-fluorobiphenyl	91	40-140
o-terphenyl	100	40-140

U = Below quantitation limit

Lab Number:	10463-04
Sample Designation:	MW-4
Date Sampled:	6/5/06
Date Analyzed:	6/9/06
Matrix:	Water
Instrument Dilution Factor:	1
Analyst:	LMM

VOLATILE ORGANICS
SW 846 Method 5030B/8260B

	Concentration ug/L	Quantitation Limit ug/L		Concentration ug/L	Quantitation Limit ug/L
dichlorodifluoromethane	U	2	1,1,2-trichloroethane	U	2
chloromethane	U	2	1,3-dichloropropane	U	2
vinyl chloride	U	2	tetrachloroethene	U	2
bromomethane	U	2	dibromochloromethane	U	2
chloroethane	U	2	1,2-dibromoethane	U	2
trichlorofluoromethane	U	2	chlorobenzene	U	2
diethyl ether	U	10	1,1,1,2-tetrachloroethane	U	2
acetone	U	10	ethylbenzene	U	2
1,1-dichloroethene	U	1	m&p-xylenes	U	2
methylene chloride	U	5	o-xylene	U	2
carbon disulfide	U	2	styrene	U	2
methyl t-butyl ether (MTBE)	U	2	bromoform	U	2
trans-1,2-dichloroethene	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
2-butanone (MEK)	U	10	1,2,3-trichloropropane	U	2
2,2-dichloropropane	U	2	n-propylbenzene	U	2
cis-1,2-dichloroethene	U	2	bromobenzene	U	2
chloroform	U	2	1,3,5-trimethylbenzene	U	2
bromochloromethane	U	2	2-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	4-chlorotoluene	U	2
1,1,1-trichloroethane	U	2	tert-butylbenzene	U	2
1,1-dichloropropene	U	2	1,2,4-trimethylbenzene	U	2
carbon tetrachloride	U	2	sec-butylbenzene	U	2
1,2-dichloroethane	U	2	1,3-dichlorobenzene	U	2
benzene	U	2	4-isopropyltoluene	U	2
trichloroethene	U	2	1,4-dichlorobenzene	U	2
1,2-dichloropropane	U	2	1,2-dichlorobenzene	U	2
bromodichloromethane	U	2	n-butylbenzene	U	2
dibromomethane	U	2	1,2-dibromo-3-chloropropane	U	2
4-methyl-2-pentanone (MIBK)	U	10	1,2,4-trichlorobenzene	U	2
cis-1,3-dichloropropene	U	2	hexachlorobutadiene	U	2
toluene	U	2	naphthalene	U	5
trans-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
2-hexanone	U	10			

SURROGATE STANDARDS	Recovery (%)	Acceptance Limits (%)
dibromofluoromethane	99	78-114
toluene-D8	94	88-110
4-bromofluorobenzene	97	86-115

U = Below quantitation limit

Lab Number:	10463-04
Sample Designation:	MW-4
Date Sampled:	6/5/06
Date Extracted:	6/8/06
Date Analyzed:	6/9/06
Matrix:	Water
Dilution Factor:	1
Analyst:	AJD

DIESEL RANGE ORGANICS
SW 846 3510C/8015B

	Concentration ug/L	Quantitation Limit ug/L
C10-C28 DRO	U	200

SURROGATE STANDARDS	Recovery (%)	Acceptance Limits (%)
2-fluorobiphenyl	93	40-140
o-terphenyl	100	40-140

U = Below quantitation limit

Lab Number:	10463-05
Sample Designation:	Dup-1
Date Sampled:	6/5/06
Date Analyzed:	6/9/06
Matrix:	Water
Instrument Dilution Factor:	1
Analyst:	LMM

VOLATILE ORGANICS
SW 846 Method 5030B/8260B

	Concentration ug/L	Quantitation Limit ug/L		Concentration ug/L	Quantitation Limit ug/L
dichlorodifluoromethane	U	2	1,1,2-trichloroethane	U	2
chloromethane	U	2	1,3-dichloropropane	U	2
vinyl chloride	U	2	tetrachloroethene	U	2
bromomethane	U	2	dibromochloromethane	U	2
chloroethane	U	2	1,2-dibromoethane	U	2
trichlorofluoromethane	U	2	chlorobenzene	U	2
diethyl ether	U	10	1,1,1,2-tetrachloroethane	U	2
acetone	U	10	ethylbenzene	U	2
1,1-dichloroethene	U	1	m&p-xylenes	U	2
methylene chloride	U	5	o-xylene	U	2
carbon disulfide	U	2	styrene	U	2
methyl t-butyl ether (MTBE)	U	2	bromoform	U	2
trans-1,2-dichloroethene	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
2-butanone (MEK)	U	10	1,2,3-trichloropropane	U	2
2,2-dichloropropane	U	2	n-propylbenzene	U	2
cis-1,2-dichloroethene	U	2	bromobenzene	U	2
chloroform	U	2	1,3,5-trimethylbenzene	U	2
bromochloromethane	U	2	2-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	4-chlorotoluene	U	2
1,1,1-trichloroethane	U	2	tert-butylbenzene	U	2
1,1-dichloropropene	U	2	1,2,4-trimethylbenzene	5	2
carbon tetrachloride	U	2	sec-butylbenzene	2	2
1,2-dichloroethane	U	2	1,3-dichlorobenzene	U	2
benzene	U	2	4-isopropyltoluene	U	2
trichloroethene	U	2	1,4-dichlorobenzene	U	2
1,2-dichloropropane	U	2	1,2-dichlorobenzene	U	2
bromodichloromethane	U	2	n-butylbenzene	U	2
dibromomethane	U	2	1,2-dibromo-3-chloropropane	U	2
4-methyl-2-pentanone (MIBK)	U	10	1,2,4-trichlorobenzene	U	2
cis-1,3-dichloropropene	U	2	hexachlorobutadiene	U	2
toluene	U	2	naphthalene	U	5
trans-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
2-hexanone	U	10			

SURROGATE STANDARDS	Recovery (%)	Acceptance Limits (%)
dibromofluoromethane	104	78-114
toluene-D8	102	88-110
4-bromofluorobenzene	105	86-115

U = Below quantitation limit

Lab Number:	10463-06
Sample Designation:	F.B.
Date Sampled:	6/5/06
Date Analyzed:	6/8/06
Matrix:	Water
Instrument Dilution Factor:	1
Analyst:	LMM

VOLATILE ORGANICS
SW 846 Method 5030B/8260B

	Concentration ug/L	Quantitation Limit ug/L		Concentration ug/L	Quantitation Limit ug/L
dichlorodifluoromethane	U	2	1,1,2-trichloroethane	U	2
chloromethane	U	2	1,3-dichloropropane	U	2
vinyl chloride	U	2	tetrachloroethene	U	2
bromomethane	U	2	dibromochloromethane	U	2
chloroethane	U	2	1,2-dibromoethane	U	2
trichlorofluoromethane	U	2	chlorobenzene	U	2
diethyl ether	U	10	1,1,1,2-tetrachloroethane	U	2
acetone	U	10	ethylbenzene	U	2
1,1-dichloroethene	U	1	m&p-xylenes	U	2
methylene chloride	U	5	o-xylene	U	2
carbon disulfide	U	2	styrene	U	2
methyl t-butyl ether (MTBE)	U	2	bromoform	U	2
trans-1,2-dichloroethene	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
2-butanone (MEK)	U	10	1,2,3-trichloropropane	U	2
2,2-dichloropropane	U	2	n-propylbenzene	U	2
cis-1,2-dichloroethene	U	2	bromobenzene	U	2
chloroform	U	2	1,3,5-trimethylbenzene	U	2
bromochloromethane	U	2	2-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	4-chlorotoluene	U	2
1,1,1-trichloroethane	U	2	tert-butylbenzene	U	2
1,1-dichloropropene	U	2	1,2,4-trimethylbenzene	U	2
carbon tetrachloride	U	2	sec-butylbenzene	U	2
1,2-dichloroethane	U	2	1,3-dichlorobenzene	U	2
benzene	U	2	4-isopropyltoluene	U	2
trichloroethene	U	2	1,4-dichlorobenzene	U	2
1,2-dichloropropane	U	2	1,2-dichlorobenzene	U	2
bromodichloromethane	U	2	n-butylbenzene	U	2
dibromomethane	U	2	1,2-dibromo-3-chloropropane	U	2
4-methyl-2-pentanone (MIBK)	U	10	1,2,4-trichlorobenzene	U	2
cis-1,3-dichloropropene	U	2	hexachlorobutadiene	U	2
toluene	U	2	naphthalene	U	5
trans-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
2-hexanone	U	10			

SURROGATE STANDARDS	Recovery (%)	Acceptance Limits (%)
dibromofluoromethane	104	78-114
toluene-D8	99	88-110
4-bromofluorobenzene	103	86-115

U = Below quantitation limit

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

10463

ANALYSIS REQ.

Company Name: The Johnson Group Inc
Phone #: 654-8663
FAX #: 654-8667
Company Address: 414 Roosevelt Highway, Colchester, VT 05446
Site Location (City, State): Lyndonville VT
Project Manager: Martha Roy
Project ID / Name: 06086 Lyndon Motor Lodge
Invoice To: Same
Protocol: RCRA SDWA NPDES MCP NHDES OTHER

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix: WATER	Matrix: SOLID	Matrix: OTHER	Preservation Method: HCl	HNO3	H2SO4	NaOH	MeOH	OTHER (Specify)	Sampling: DATE	TIME	SAMPLER
104630-01	MW-1	3	✓			2					1	6/5/06	10:12	JC
-02	MW-2	3				2					1		10:44 / 11:05	
-03	MW-3	3				2					1		10:52	
-04	MW-4	3				2					1		10:35	
-05	Dup-1	2				2					(Bs)		11:00	
-06	F.B	2	✓			2						✓	10:00	✓

Analysis requested (columns):

Lab Sample ID	VOC 8260-NH List ☐ MADEP VPH ☐ [illegible]	☑ VOC 8260 ☐ VOC/BTEX 8260 ☐ VOC 624	VOC 8260 BTEX, MtBE, Naphthalene only	VOC 524.2 ☐ VOC 524.2 NH List	TPH Fingerprint ☐ MEDRO ☒ 8015 DRO ☐ EPH	8270/8081 ☐ 8270ABN ☐ 625	8082 PCB ☐ 8081 Pesticides ☐ 608	O&G 1664 ☐ O&G SM5520F	pH ☐ BOD ☐ Conductivity	TSS ☐ TDS ☐ TS	RCRA Metals ☐ Priority Pollutant Metals ☐ TAL Metals	Total Metals-list ☐ Dissolved Metals-list	Ammonia ☐ COD	T-Phosphate ☐ Phenol	Cyanide ☐ Sulfide	Nitrate ☐ Nitrite ☐ Ortho P ☐ Sulfate ☐ Bromide ☐ Chloride	Corrosivity ☐ Reactive CN ☐ Reactive S- ☐ Ignitability/FP	TCLP Metals ☐ TCLP VOC ☐ TCLP SVOC	TCLP Pesticide ☐ TCLP Herbicides (subcontract)	Standard Drinking Water Test ☐ Bacteria P/A					Grab (G) or Composite (C)
-01		✓			/																				G
-02		✓			/																				
-03		✓			/																				
-04		✓			/																				
-05		✓																							
-06		✓																							✓

TAT REQUESTED
- Priority (24 hr) ☐
- Expedited (48 hr) ☐
- 10 Business Days ☐
- Other ☐

E-Mail Address ______
Quote # 5325
PO # ______

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS
☐ FAX ☐ OTHER (specify) ______
☐ PDF ☐ Excel Spreadsheet

RECEIVED ON ICE ☒ YES ☐ NO
TEMPERATURE 5 °C

Lab Use Only

CUSTODY RECORD

Relinquished by	Date	Time	Received by	Date	Time
Relinquished by Sampler: [signature]	6/6/06	7:00	Received by: UPS		
Relinquished by: UPS			Received by: [signature]	6/7/06	10:05
Relinquished by:			Received by Laboratory: / Way Bill#:		