

Report

December 1996

Phase II Environmental Site Assessment and Sensitive Receptor Survey

**Vermont Telephone Company
West Hill Road
Sherburne, Vermont**

Prepared for:

**VERMONT TELEPHONE COMPANY
254 River Street
Springfield, Vermont**

THE JOHNSON COMPANY, INC.

Environmental Sciences and Engineering

December 13, 1996

Mr. Michel Guite, President
Vermont Telephone Company
254 River Street
Springfield, Vermont 05156

Re: Phase II Environmental Site Assessment of the Vermont Telephone Company Property
on West Hill Road, Sherburne, Vermont
JCO#: 1-2272-1 (054)

Dear Mr. Guite:

The Johnson Company, Inc. has completed the Phase II Environmental Site Assessment (ESA) at the Vermont Telephone Company Property on West Hill Road, Sherburne, Vermont. The purpose of this work was to define the degree and extent of the soil and/or groundwater contamination caused by the release of diesel fuel from a 500-gallon underground storage tank (UST) that was removed from the site in 1993. An assessment of the potential for sensitive receptors to be adversely effected by the site contamination was also carried out.

The attached report describes the work activities, provides the data and results obtained, and presents The Johnson Company's conclusions and recommendations for the site based on those results.

A copy of the report has also been sent to Paul McQuade at Pillsbury, Madison and Sutro.

Please call if you have questions regarding any aspect of this report.

Sincerely,

THE JOHNSON COMPANY, INC.

By: 
Bradley A. Wheeler, CPSS
Senior Scientist

cc: Paul McQuade, Pillsbury Madison and Sutro

Reviewed By: JRB
I:\PROJECTS\1-2272-1\SHERBURNEREPORT.N96 December 9, 1996 BAW

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1.0 INTRODUCTION

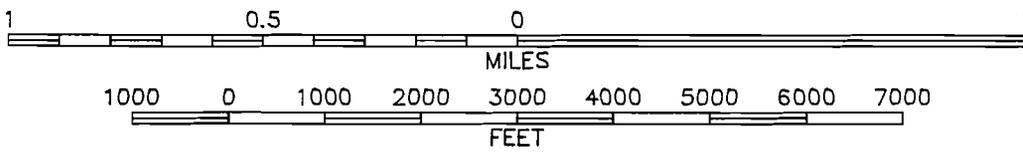
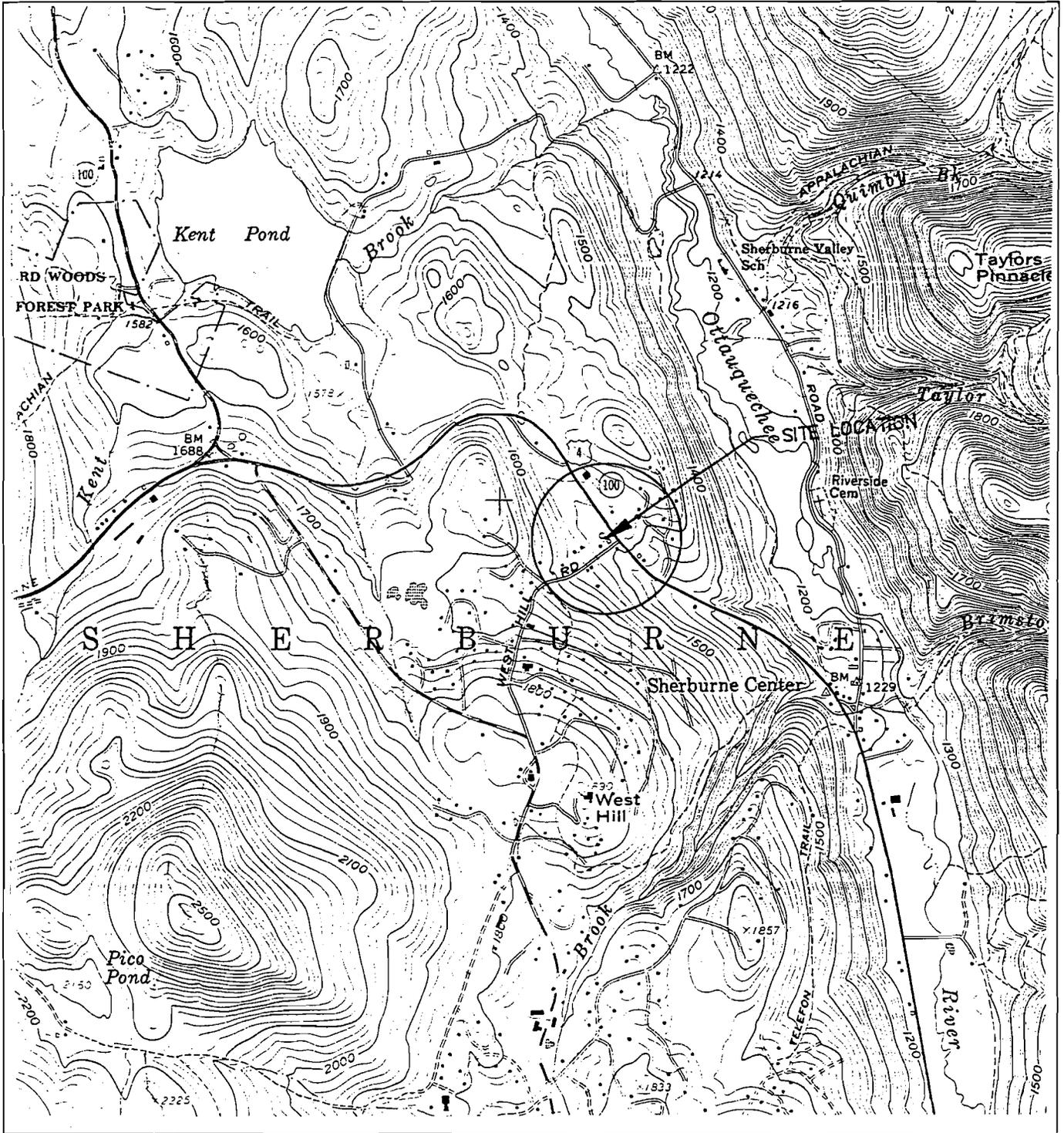
The Johnson Company was hired by the Vermont Telephone Company in October 1996 to conduct a Phase II Environmental Site Assessment (ESA) at the Vermont Telephone Company property on West Hill Road in Sherburne, Vermont. (See Figure 1, Site Location Map.) The purpose of this ESA was to determine the degree and extent of contamination to the site groundwater and soils from a leaking 500-gallon diesel underground storage tank (UST) that was removed from the site in 1993. At that time, approximately nine cubic yards of contaminated soils were removed from the site for disposal. However, a 1994 Phase I ESA performed by The Johnson Company determined that soil contamination was still present in the former area of the UST. This determination was made based on the results of photoionization detector (PID) screening of soil headspace samples, which included readings of 10.4 parts per million (ppm) at a depth of 20 to 24 inches, 14.3 ppm at 30 to 36 inches, and 2.7 ppm at 44 to 48 inches.

An assessment of the potential for sensitive receptors to be adversely effected by the site contamination was also conducted.

The work completed for this Phase II ESA includes the following steps:

1. Completion of five soil borings with the installation of groundwater monitoring wells into each boring.
2. Collection of soil samples from each boring for screening for volatile organic compounds using a PID plastic bag headspace screening method.
3. Sampling of groundwater from the five wells and laboratory analysis of the groundwater samples for aromatic hydrocarbons.
4. Measurement of relative groundwater elevations and determination of the estimated groundwater flow direction for the site.
5. Assessment of the potential for sensitive receptors to be adversely affected by the site contamination.

The following is a presentation of the methods used in carrying out the steps listed above, the results obtained from these tasks, and the conclusions and recommendations of The Johnson Company that are derived from those results.



CONTOUR INTERVAL 20 FEET



MAP LOCATION

BASE MAP: USGS 7.5 Minute Topographic Quadrangle Pico Peak, Vermont Photorevised 1980

FIGURE 1 : Site Location Map
VTEL Property
Sherburne, Vermont

THE JOHNSON COMPANY, INC
Environmental Sciences and Engineering
100 STATE STREET MONTPELIER, VT 05602

2.0 SITE INVESTIGATION

2.1 SOIL SCREENING AND GROUNDWATER MONITORING

On October 22 and 23, 1996, five groundwater monitoring wells were installed and developed on the site so that the groundwater quality of the property could be evaluated. Figure 2, Site Sketch, shows the approximate locations of these wells.

The drilling contractor for the monitoring well installations was Tri-State Drilling and Boring of West Burke, Vermont. The Johnson Company completed the drilling logs, supervised the construction of the wells and conducted screening of soil samples collected during the drilling process. The following is a description of the conditions encountered during the drilling process, and the construction of the wells.

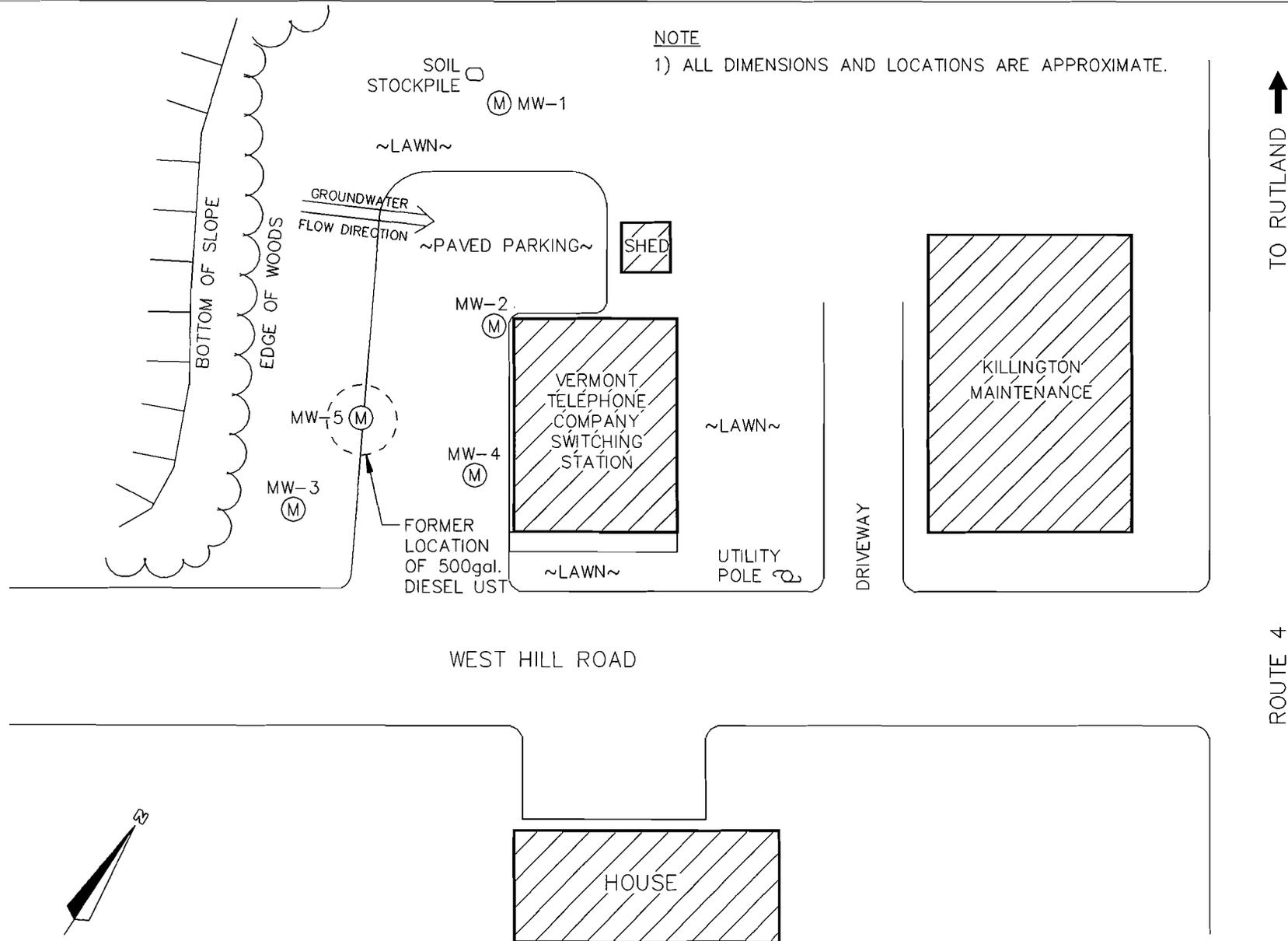
MONITORING WELL MW-1

Monitoring well MW-1 is located at the northwest end of the property, approximately 43 feet northwest of a line extended from the north end of the building and 3 feet west of a line extended from the west side of the building. The soils in this boring were comprised of gravelly fine sand till. The total boring depth is approximately 13 feet. Initial groundwater depth was measured at approximately 3 to 4 feet bgs. MW-1 was constructed with 10 feet of factory-screened section with 0.02-inch slots set at the hole bottom, with solid riser above the screened section. A sand pack was placed around the screened section to approximately 2.5 feet bgs, with a one-foot thick layer of bentonite pellets placed on top of the sand pack. The well was finished by cementing into place an above-grade, steel protective casing approximately three feet high.

A sample of olive gray, fine sand from 5-7 feet bgs was screened using a calibrated Thermo Environmental Model 580B Organic Vapor Monitor PID. The soil screening was conducted using a plastic bag PID headspace analysis method. A reading of 2.3 ppm was obtained from this screening.

NOTE

1) ALL DIMENSIONS AND LOCATIONS ARE APPROXIMATE.



APPROX. SCALE 1"=30'



FIGURE 2: SITE SKETCH
VERMONT TELEPHONE COMPANY, INC.
WEST HILL ROAD, SHERBURN, VERMONT

THE JOHNSON COMPANY, INC.
Environmental Sciences and Engineering
100 STATE STREET MONTPELIER, VT 05602

A sample of olive very gravelly fine sand from 10-12 feet bgs was screened as described above. The headspace PID result from this sample was 2.1 ppm.

MONITORING WELL MW-2

Monitoring well MW-2 is located near the northwest corner of the building, approximately 1.5 feet south of a line extended from the north wall of the building and 4 feet west of the west side of the building. The soils in this boring were gravelly fine sand. Initial groundwater depth was found to be at approximately 4 feet bgs. The total boring depth is approximately 13 feet. MW-2 was constructed with 10 feet of factory-screened section with 0.02-inch slots set at the hole bottom, with solid riser above the screened section. A sand pack was placed around the screened section to approximately 2.5 feet bgs, with a one-foot thick layer of bentonite pellets placed on top of the sand pack. Because this well is in the driveway for the building, it was finished by cementing into place a flush mounted, steel protective roadbox.

Soil screening was conducted for this boring in the same manner as for monitoring well MW-1. The results of this screening were:

5 to 7 feet, olive gray very gravelly fine sand, 1.9 ppm

10 to 12 feet, olive gray gravelly fine sand, 1.9 ppm

MONITORING WELL MW-3

Monitoring well MW-3 is located at the southwest corner of the property, approximately 45 feet from the southwest corner of the building and 29 feet from the centerline of West Hill Road. Refusal (presumably bedrock) was encountered at this location at a depth of 10 feet bgs. The soils in this boring were gravelly fine sandy loam till. Initial groundwater depth appeared to be at approximately 4 feet bgs. MW-3 was constructed with 7 feet of factory-screened section with 0.02-inch slots set at the hole bottom, with solid riser above the screened section. A sand pack was placed around the screened section to approximately 2.5 feet bgs, with a one-foot thick layer of bentonite pellets placed on top of the sand pack. The well was finished by cementing into place an above-grade, steel protective casing approximately three feet high.

The soil sample collected from 5 to 7 feet bgs in this boring produced a PID headspace reading of 1.0 ppm. Due to the refusal encountered at 10 feet bgs, a second soil sample was not obtained from this boring.

MONITORING WELL MW-4

Monitoring well MW-4 is located near the southwest corner of the building, approximately 11.5 feet northwest of a line extended from the south wall of the building and 8 feet west of the west wall of the building. The soils in this boring were gravelly fine sand. Initial groundwater depth was found to be at approximately 7 feet bgs. The total boring depth is approximately 13 feet. MW-4 was constructed with 10 feet of factory-screened section with 0.02-inch slots set at the hole bottom, with solid riser above the screened section. A sand pack was placed around the screened section to approximately 2.5 feet bgs, with a one-foot thick layer of bentonite pellets placed on top of the sand pack. Because this well is in the driveway for the building, it was finished by cementing into place a flush mounted, steel protective roadbox.

Soil screening was conducted for this boring in the same manner as for monitoring well MW-1. The results of this screening were:

5 to 7 feet, olive gray gravelly fine sand, 1.0 ppm

10 to 12 feet, olive loamy fine sand, 1.2 ppm

MONITORING WELL MW-5

Monitoring well MW-5 is located near or at the former location of the 500-gallon diesel UST. It is approximately 23 feet north of monitoring well MW-3, 31 feet west of the west wall of the building, and 23 feet northwest of a line extended from the south wall of the building. The soils in this boring were gravelly fine sand. Refusal (presumably bedrock) was encountered at this location at a depth of 9.5 feet bgs. Initial groundwater depth was found to be at approximately 5 feet bgs. MW-5 was constructed with 7 feet of factory-screened section with

0.02-inch slots set at the hole bottom, with solid riser above the screened section. A sand pack was placed around the screened section to approximately 2 feet bgs, with a one-foot thick layer of bentonite pellets placed on top of the sand pack. Because this well is in the driveway for the building, it was finished by cementing into place a flush mounted, steel protective roadbox.

The results of the soil screening for samples collected from this boring were:

3 to 3.5 feet, gray fine sand, 118 ppm

5 to 7 feet, olive gray very gravelly fine sand, 3.8 ppm

GROUNDWATER SAMPLING AND ANALYSIS

On November 1, 1996, samples of groundwater were collected from the groundwater monitoring wells described above. The groundwater samples were collected from the wells using a new, disposable bailer dedicated to each well. Two quality control/quality assurance samples, an equipment blank and a duplicate sample from MW-5, labeled as MW-6, were prepared in the field. All of the samples were placed on ice immediately following collection and were delivered to Green Mountain Laboratories on November 1, 1996. The samples were analyzed for aromatic hydrocarbons and methyl tertiary butyl ether (MTBE) using EPA Method 8020. A summary of the reported results of this analysis is presented in the following table. The table shows that none of the compounds reported in the groundwater from monitoring well MW-5 exceed the Vermont groundwater enforcement standards. The laboratory report for these groundwater samples is included in Appendix A.

**VERMONT TELEPHONE COMPANY PROPERTY, SHERBURNE, VT
SUMMARY OF REPORTED GROUNDWATER ANALYTICAL DATA
(all units are parts per billion)**

| ANALYTE | MW-1 | MW-2 | MW-3 | MW-4 | MW-5 | MW-6 ¹ | TRIP BLANK | STANDARD ² |
|--------------|---|------|------|------|------|-------------------|---------------|-----------------------|
| Ethylbenzene | ND ³ | ND | ND | ND | 2.7 | 2.6 | ND | 680 |
| m+p Xylene | ND | ND | ND | ND | 6.9 | 6.9 | ND | 400 |
| o-Xylene | ND | ND | ND | ND | 3.8 | 3.9 | ND | 400 |
| 1 | MW-6 is a quality control duplicate sample from MW-5 | | | | | | | |
| 2 | Vermont Groundwater Protection Rule and Strategy Enforcement Standard | | | | | | | |
| 3 | ND - Not Detected | | | | | | | |

GROUNDWATER ELEVATION MEASUREMENT AND FLOW DIRECTION

The depth to groundwater in each well was also measured on November 1, when the groundwater samples were collected, using an electronic water level indicator. The water level indicator allowed us to also determine if free product was present in any of the wells, and to measure the thickness of any product that was present. The relative elevations of the tops of the groundwater monitoring well casings were measured using an Auto-level on November 19, 1996. This data was used to estimate the direction of groundwater flow at the property. The data suggests that the groundwater as measured on November 1, 1996 was flowing in a northeast direction, or from the former area of the UST toward the VTEL building. This data correlates well with the landscape at this site, which slopes downward in a generally northeast direction.

2.2 SENSITIVE RECEPTORS

An assessment of the potential for the contamination at this site to adversely impact any sensitive receptors was conducted. The potential for impacts to the indoor air of nearby buildings; surface water such as streams, ponds and wetlands; and drinking water supply wells were considered.

The VTEL building does not have a basement, and given the fact that no detectable (by PID headspace screening) levels of contaminants were found beside the building, there is no threat to the indoor air of the building from the contamination caused by the UST that formerly was located on the site. The house located across West Hill Road from the VTEL property is approximately 140 feet southeast of the former location of the diesel UST. Based on the groundwater flow direction and the very low levels of contaminants that appear to be localized near the former location of the UST, there is virtually no potential for adverse impacts to the indoor air quality of this house from the site.

Based on the absence of free product on the site, the very low levels of contaminants reported in the groundwater at the site, and the limited horizontal extent of the groundwater contamination, it does not seem likely that the reported contamination at this property has the potential to adversely impact any nearby surface waters or water supply wells. This would include the community water supply well that is located approximately 550 to 600 feet northwest of the property. The well head protection area for this well includes the subject property.

We do not believe that any sensitive receptors are at risk of impact from the diesel fuel release at this property.

3.0 CONCLUSIONS

Based on the data obtained through this investigation, we believe that the contamination at the Vermont Telephone Company property in Sherburne, Vermont is limited to a very small area immediately surrounding the former location of the diesel UST. Furthermore, the levels of groundwater contamination reported in this area are far below any applicable regulatory standards.

Based on the absence of free product on the site, the low levels of reported contaminants, the absence of “at-risk” sensitive receptors and the fact that the formerly leaking UST and approximately 9 cubic yards of contaminated soil were removed from the site in 1993, we do not believe that this site requires any additional investigation or monitoring.

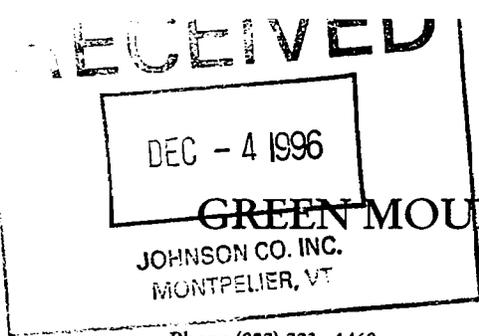
4.0 RECOMMENDATIONS

We recommend that no further site investigation or monitoring be carried out at this property. The source of the contamination has been removed from the site, and the residual soil contamination will naturally attenuate over time. Soil field-screening and groundwater sampling and laboratory analysis indicate that the site contamination is of very limited extent. The assessment of nearby sensitive receptors indicates that no sensitive receptors are likely to be threatened by the reported contamination at the site. We do not believe that any additional investigation or monitoring is warranted.

The current conditions at this property make it suitable for designation by the Vermont Sites Management Section (SMS) as Site Management Activity Completed (SMAC). This is the term used when an Active Hazardous Waste Site is considered “closed” by the SMS.

We recommend that you provide a copy of this report to the SMS. This will satisfy their previous request for an assessment of the potential for adverse impacts to sensitive receptors, and it will notify them of the results of this soil and groundwater investigation.

Appendix A
Laboratory Analytical Report



GREEN MOUNTAIN LABORATORIES, INC.

RR 3, BOX 5210
Montpelier, Vermont 05602

Phone (802) 223 - 1468

Fax (802) 223 - 8688

LABORATORY RESULTS

| | | | |
|------------------|--|-------------------|---------------------|
| CLIENT NAME: | The Johnson Company | REFERENCE NO.: | 1521 |
| ADDRESS: | 100 State Street Montpelier, VT 05602 | PROJECT NO.: | 1-2272-1 (054) |
| SAMPLE LOCATION: | VTEL/Shelburne | DATE OF SAMPLE: | 11/01/96 |
| SAMPLER: | Bradley A. Wheeler | DATE OF RECEIPT: | 11/01/96 |
| ATTENTION: | Bradley A. Wheeler | DATE OF ANALYSIS: | 11/13/96 - 11/14/96 |
| | | DATE OF REPORT: | 11/18/96 |

Pertaining to the analyses of specimens submitted under the accompanying chain of custody form, please note the following:

- Water samples submitted for VOC analysis were preserved with HCl. The trip blank was prepared by the client from reagent water supplied by the client.
- Specimens were processed and examined according to the procedures outlined in the specified method.
- Holding times were honored.
- Instruments were appropriately tuned and calibrations were checked with the frequencies required in the specified method.
- Blank contamination was not observed at levels interfering with the analytical results.
- Continuing Calibration standards were monitored at intervals indicated in the specified method. The resulting analytical precision and accuracy were determined to be within method QA/QC acceptance limits.
- The efficiency of analyte recovery for individual samples was monitored by the addition of surrogate analyte to all samples, standards, and blanks. Surrogate recoveries were found to be within laboratory QA/QC acceptance limits, unless noted otherwise.

Reviewed by:

Mikhail Lunskiy, Ph.D.
Director, Chemical Services

GREEN MOUNTAIN LABORATORIES, INC.

RR 3, BOX 5210
Montpelier, Vermont 05602

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LABORATORY RESULTS

GC/MS METHOD - EPA 8020GML REF. #: 1521
STATION: MW-1
ANALYSIS DATE: 11/13/96
DATE SAMPLED: 11/01/96
SAMPLE TYPE: WATER

| PARAMETER | PQL ($\mu\text{g/L}$) | Conc. ($\mu\text{g/L}$) |
|-------------------|-------------------------|---------------------------|
| Benzene | 1 | ND |
| Toluene | 1 | ND |
| Ethylbenzene | 1 | ND |
| m+p-Xylene | 2 | ND |
| o-Xylene | 1 | ND |
| Chlorobenzene | 1 | ND |
| m-Dichlorobenzene | 1 | ND |
| p-Dichlorobenzene | 1 | ND |
| o-Dichlorobenzene | 1 | ND |
| MTBE | 5 | ND |

Surrogate % Recovery: 90.8 %

ND = Not Detected

BPQL = Below Practical Quantitation Limits

GREEN MOUNTAIN LABORATORIES, INC.

RR 3, BOX 5210
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Phone (802) 223 - 1468

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LABORATORY RESULTSGC/MS METHOD - EPA 8020

GML REF. #: 1521
STATION: MW-2
ANALYSIS DATE: 11/13/96
DATE SAMPLED: 11/13/96
SAMPLE TYPE: WATER

| PARAMETER | PQL (µg/L) | Conc. (µg/L) |
|-------------------|------------|--------------|
| Benzene | 1 | ND |
| Toluene | 1 | ND |
| Ethylbenzene | 1 | ND |
| m+p-Xylene | 2 | ND |
| o-Xylene | 1 | ND |
| Chlorobenzene | 1 | ND |
| m-Dichlorobenzene | 1 | ND |
| p-Dichlorobenzene | 1 | ND |
| o-Dichlorobenzene | 1 | ND |
| MTBE | 5 | ND |

Surrogate % Recovery: 95.3 %

ND = Not Detected

BPQL = Below Practical Quantitation Limits

GREEN MOUNTAIN LABORATORIES, INC.RR 3, BOX 5210
Montpelier, Vermont 05602

Phone (802) 223 - 1468

Fax (802) 223 - 8688

LABORATORY RESULTSGC/MS METHOD - EPA 8020GML REF. #: 1521
STATION: MW-3
ANALYSIS DATE: 11/13/96
DATE SAMPLED: 11/13/96
SAMPLE TYPE: WATER

| PARAMETER | PQL (µg/L) | Conc. (µg/L) |
|-------------------|------------|--------------|
| Benzene | 1 | ND |
| Toluene | 1 | ND |
| Ethylbenzene | 1 | ND |
| m+p-Xylene | 2 | ND |
| o-Xylene | 1 | ND |
| Chlorobenzene | 1 | ND |
| m-Dichlorobenzene | 1 | ND |
| p-Dichlorobenzene | 1 | ND |
| o-Dichlorobenzene | 1 | ND |
| MTBE | 5 | ND |

Surrogate % Recovery: 99.6 %

ND = Not Detected

BPQL = Below Practical Quantitation Limits

GREEN MOUNTAIN LABORATORIES, INC.

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Montpelier, Vermont 05602

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Fax (802) 223 - 8688

LABORATORY RESULTS

GC/MS METHOD - EPA 8020

GML REF. #: 1521
STATION: MW-4
ANALYSIS DATE: 11/13/96
DATE SAMPLED: 11/01/96
SAMPLE TYPE: WATER

| PARAMETER | PQL (µg/L) | Conc. (µg/L) |
|-------------------|------------|--------------|
| Benzene | 1 | ND |
| Toluene | 1 | ND |
| Ethylbenzene | 1 | ND |
| m+p-Xylenes | 2 | ND |
| o-Xylenes | 1 | ND |
| Chlorobenzene | 1 | ND |
| m-Dichlorobenzene | 1 | ND |
| p-Diclorobenzene | 1 | ND |
| O-Diclorobenzene | 1 | ND |
| MTBE | 5 | ND |

Surrogate % Recovery: 95.9 %

ND = Not Detected

BPQL = Below Practical Quantitation Limits

GREEN MOUNTAIN LABORATORIES, INC.

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Montpelier, Vermont 05602

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Fax (802) 223 - 8688

LABORATORY RESULTS

GC/MS METHOD - EPA 8020

GML REF. #: 1521
STATION: MW-5
ANALYSIS DATE: 11/13/96
DATE SAMPLED: 11/01/96
SAMPLE TYPE: WATER

| PARAMETER | PQL (µg/L) | Conc. (µg/L) |
|------------------|------------|--------------|
| Benzene | 1 | ND |
| Toluene | 1 | ND |
| Ethylbenzene | 1 | 2.7 |
| m+p-Xylenes | 2 | 6.9 |
| o-Xylenes | 1 | 3.8 |
| Chlorobenzene | 1 | ND |
| m-Dichlobenzene | 1 | ND |
| p-Diclorobenzene | 1 | ND |
| O-Diclorobenzene | 1 | ND |
| MTBE | 5 | ND |

Surrogate % Recovery: 99 %

ND = Not Detected

BPQL = Below Practical Quantitation Limits

GREEN MOUNTAIN LABORATORIES, INC.

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LABORATORY RESULTS

GC/MS METHOD - EPA 8020

GML REF. # : 1521
STATION: MW-6
ANALYSIS DATE: 11/13/96
DATE SAMPLED: 11/01/96
SAMPLE TYPE: WATER

| PARAMETER | PQL (µg/L) | Conc. (µg/L) |
|-------------------|------------|--------------|
| Benzene | 1 | ND |
| Toluene | 1 | ND |
| Ethylbenzene | 1 | 2.6 |
| m+p-Xylenes | 2 | 6.9 |
| o-Xylenes | 1 | 3.9 |
| Chlorobenzene | 1 | ND |
| m-Dichlobenzene | 1 | ND |
| p-Dichlorobenzene | 1 | ND |
| o-Dichlorobenzene | 1 | ND |
| MTBE | 5 | ND |

Surrogate % Recovery: 99.6 %

ND = Not Detected

BPQL = Below Practical Quantitation Limits

GREEN MOUNTAIN LABORATORIES, INC.

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Montpelier, Vermont 05602

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LABORATORY RESULTSGC/MS METHOD - EPA 8020

GML REF. #: 1521
STATION: E.BLANK
ANALYSIS DATE: 11/14/96
DATE SAMPLED: 11/01/96
SAMPLE TYPE: WATER

| PARAMETER | PQL (µg/L) | Conc. (µg/L) |
|-------------------|------------|--------------|
| Benzene | 1 | ND |
| Toluene | 1 | ND |
| Ethylbenzene | 1 | ND |
| m+p-Xylene | 2 | ND |
| o-Xylene | 1 | ND |
| Chlorobenzene | 1 | ND |
| m-Dichlorobenzene | 1 | ND |
| p-Dichlorobenzene | 1 | ND |
| o-Dichlorobenzene | 1 | ND |
| MTBE | 5 | ND |

Surrogate % Recovery: 101.2 %

ND = Not Detected

BPQL = Below Practical Quantitation Limits

CHAIN OF CUSTODY RECORD

No 2032

| | | | | | | | | |
|---|--|--------------------------------------|--|----------|--|--|--|------|
| Client/Project Name VTEL | | Project Location Sherburne | | ANALYSES | | | | 1521 |
| Project No. 1-2272-1 (054) | | Field Logbook No. _____ | | | | | | |
| Sampler: (Signature) <i>Bradley A. Wheeler</i> | | Chain of Custody Tape No. _____ | | | | | | |

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 8070 + MTBE | | | | REMARKS |
|----------------------------|---------|-------|-------------------|------------------|-------------|--|--|--|----------------|
| MW-1 | 11/1/96 | 10:15 | | H ₂ O | X | | | | (2) 40ml vials |
| MW-2 | ↓ | 11:30 | | ↓ | X | | | | ↓ |
| MW-3 | ↓ | 11:00 | | ↓ | X | | | | ↓ |
| MW-4 | ↓ | 13:00 | | ↓ | X | | | | ↓ |
| MW-5 | ↓ | 13:45 | | ↓ | X | | | | ↓ |
| MW-6 | ↓ | 14:20 | | ↓ | X | | | | ↓ |
| E. Blank | ↓ | 13:20 | | ↓ | X | | | | ↓ |

| | | | | | |
|---|-----------------|---------------|--|-----------------|---------------|
| Relinquished by: (Signature) <i>Bradley A. Wheeler</i> | Date 11/1/96 | Time 15:23 | Received by: (Signature) <i>[Signature]</i> | Date 11/1/96 | Time 15:27 |
|---|-----------------|---------------|--|-----------------|---------------|

| | | | | | |
|------------------------------|------|------|--------------------------|------|------|
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|------------------------------|------|------|--------------------------|------|------|

| | | | | | |
|------------------------------|------|------|--------------------------------------|------|------|
| Relinquished by: (Signature) | Date | Time | Received for Laboratory: (Signature) | Date | Time |
|------------------------------|------|------|--------------------------------------|------|------|

| | | | |
|-------------------------|-----------------------------|------|------|
| Sample Disposal Method: | Disposed of by: (Signature) | Date | Time |
|-------------------------|-----------------------------|------|------|

SAMPLE COLLECTOR

5 State Street
Montpelier, VT 05602
(802) 229-4600
Fax: (802) 229-5876

THE JOHNSON COMPANY, INC.
Environmental Sciences and Engineering

ANALYTICAL LABORATORY - Gr. Intn. Laboratory
Call Brad Wheeler w/ results - 229-4600

P.08

Nov-18-96 11:51A