ENVIRONMENTAL SITE ASSESSMENT - PHASE II

MT. HOLLY COUNTRY STORE

MT. HOLLY, VERMONT

Prepared for:

Dartmouth Bank
Manchester, New Hampshire

Prepared by:

Nobis Engineering, Inc.
Concord, New Hampshire

July 1991
File No. 91-310

NOBIS
ENGINEERING, INC.
HYDROGEOLOGIC & ENVIRONMENTAL CONSULTING

July 25, 1991
File No. 91-310

Dartmouth Bank
156 Hanover Street
Manchester, New Hampshire 03101

Attention: Mr. Wayne F. Jean

Re: Environmental Site Assessment - Phase II
Mt. Holly Country Store
State Aid Highway 1
Mt. Holly, Vermont

Dear Mr. Jean:

Nobis Engineering, Inc. is pleased to submit this report of an environmental assessment of the above-referenced site. This work was performed in accordance with our discussions with Mr. Frederick Kelley and our contract dated May 1, 1991. Following your review of this assessment, this report should be submitted to the Vermont Agency of Natural Resources, Department of Environmental Conservation for their review and comment.

Thank you for the opportunity to be of service to Dartmouth Bank. If you have any questions, please do not hesitate to call us at your convenience.

Very truly yours,

NOBIS ENGINEERING, INC.

Roger B. Keilig, P.E.
Project Manager

Nannu Nobis, P. E.
Principal

NN/dd

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TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

1.00 INTRODUCTION

This report presents the results of an environmental site assessment of the Mt. Holly Country Store located off State Aid Highway 1 in Mt. Holly, Vermont. This work was performed in accordance with our contract dated May 1, 1991. The objective of this assessment was to assess the site for the presence of hazardous wastes within the context of Vermont Statutes Annotated Chapter 159. This report is subject to the limitations in Appendix A.

To meet this objective, Nobis Engineering, Inc. (1) reviewed available records with the Town of Mt. Holly; (2) reviewed available records of the Vermont Agency of Natural Resources, Department of Environmental Conservation; (3) performed a site visit and building walk-through to observe general conditions at the site and adjacent environs; (4) performed four soil test borings with monitoring well installations at the site; (5) collected groundwater samples from the four monitoring wells and one surface water sample from the brook adjacent to the site and submitted the samples for laboratory analyses; and (6) prepared this report summarizing our opinion as to the possible presence of hazardous wastes at the subject site. This study did not include an assessment for the presence of lead paint, pesticides, radon, urea-formaldehyde, asbestos or any air quality monitoring.

2.00 SITE LOCATION AND ENVIRONS

2.10 Site Location and Abuttors

The site is located on the eastern side of and adjacent to State Aid Highway 1 (SA-1) approximately 200± feet to the south of Route 103 in Mt. Holly, Vermont. The site includes a 2-story wood-frame building that has recently included a general store with gasoline refueling pumps, the Mt. Holly Post Office, the owner's residential quarters and two one-bedroom apartments. The size of the site parcel is not known (no surveys available) but the latest deed (Book 41, Page 209) indicates the parcel to be "a triangular piece of land [that] contains two acres more or less". A locus plan showing the approximate location of the site is presented as Figure 1.

The site is abutted to the north by land of the State of Vermont that is currently occupied by a Green Mountain Railroad track, and to the east by undeveloped wooded land. An unnamed westerly flowing brook abuts the site to the south and an undeveloped wet area is located across SA-1 to the west of the site. There is a single-family house on a property with a private well (apparently in bedrock) located immediately to the south of the unnamed brook about 100 feet to the south of the site.

2.20 Local Surface Drainage Area

The local site upgradient drainage area (i.e., the tributary land area from which surface runoff may flow on to the subject site) was approximately delineated to aid in the assessment of the potential for drainage from nearby properties impacting the site. For the purposes of this assessment, the local site upgradient drainage area is approximately determined to within a distance of 1,000± feet of the site boundaries through site observations and review of a USGS topographic map of the site area. The approximate site upgradient drainage area is shown on Figure 1. There are only residential dwellings within the site drainage area upgradient of the site.

Surface flow from nearby properties within the local upgradient surface drainage area may flow on to the subject site. The approximate delineation of the local site upgradient drainage area provides only a general indication of overburden groundwater flow patterns and is not appropriate for evaluation of groundwater flow conditions in bedrock. The evaluation of bedrock groundwater

flow patterns is beyond the scope of this assessment. Observed groundwater flow directions in the vicinity of the four monitoring wells installed for this study are discussed later in this report.

3.00 SITE DESCRIPTION

On June 7, 1991, Mr. Kenneth R. Koornneef of Nobis Engineering, Inc. visited the site to observe surficial conditions at the site and in portions of abutting properties for evidence which may indicate the possible presence of hazardous wastes at the site. Observations made during the site visit are summarized below. General site features are shown on Figure 2 and a plan of the store building basement is presented as Figure 3. Selected photographs of site features are shown on Figure 5.

3.10 Store Structure Interiors

Nobis Engineering, Inc. did not visit the interiors of the private living spaces (apartments and owner residence) within the building on-site. In the basement, which had a concrete floor, the following observations were made:

- The basement was observed to have a concrete floor throughout except for the southwestern portion, which had a soil floor. The concrete portion of the soil floor appeared to be, in general, in poor condition. There were no seals around pipes (e.g., sewer discharge) that exited through the concrete floor.

- There were two steel fuel oil tanks located adjacent to the mid-section of the north basement wall. These tanks appeared to be in good condition and no evidence of significant leakage was observed on the concrete floor in their vicinity.

- A New Yorker oil-fired boiler (for heat) and a Ford 50-gallon oil-fired boiler (for hot water) were present in the basement. No evidence of significant fuel oil leakage was observed in their vicinity.

- There is a concrete cistern for the site water supply, in the central portion of the basement. A continuous flow of water into and out of the cistern was observed. The overflow discharge appears to be to the unnamed brook via an underground iron pipe.

- The building's sewer discharge pipe (one pipe) was noted to exit the building through the basement floor in the direction of the unnamed brook.

- A partially full 55-gallon steel drum of apparent used motor oil was observed in the southeastern portion of the basement. This drum did not appear to be leaking.

- The metal garbage container of used oil filters was observed adjacent to the 55-gallon drum. The garbage container appeared to be leaking as was evident from surficial staining around it on the concrete floor.

3.20 Site Exterior

The site includes paved areas to the west (along SA-1) and to the north of the store building. A gravel surface driveway loops around the building. The remainder of the site consists of unlandscaped wooded, scrub brush and open areas.

And island for two apparent former gasoline pumps is located to the west of the building adjacent to SA-1. Two loosely covered fillers for apparent underground storage tanks (USTs) were located within the island. A flush-mounted filler for another apparent UST was observed in the paved area to the north of the western half of the building. Two UST vent pipes were observed adjacent to the northwestern portion of the building at the edge of a porch walkway. Filler pipes for two basement installation fuel oil tanks were observed along the mid-section of the porch. No significant surficial staining was observed in the vicinity of the above-mentioned fillers and vents.

Nothing of apparent hazardous waste concern was observed along the western and southern (garage access) perimeters of the building or within the undeveloped remainder of the site. A small wood-frame barn, that was observed to be empty, was located within a wooded area to the east of the store building and the gravel access driveway. No surficial evidence of the presence of hazardous wastes was observed in the vicinity of the barn and the undeveloped areas of the site including the bank of the unnamed brook. An iron pipe believed to be the inlet pipe for the site water supply cistern was observed in the stream to the southeast of the store building.

4.00 REVIEW OF STATE AND MUNICIPAL AGENCY RECORDS

4.10 Review of Municipal Agency Records

On June 14, 1991, Nobis Engineering, Inc. made telephone contact with officials at the Mt. Holly Assessor's Office and Selectmen's Office. Mr. Warren Cole, Town Selectman (Chairman) and Road Commissioner, indicated that the property had been a general store and gasoline station dating back to at least the 1940s. Ms. Susan Covalla, Town Clerk, indicated further that the Town of Mt. Holly has not yet assigned tax map and lot numbers to the properties within the town.

Concerning USTs, Mr. Cole indicated that the only UST facilities that he was aware of near the subject site was the "Town Garage" located across the unnamed brook about 300 feet to the south of the subject site and the Mt. Holly Elementary School located across the unnamed brook about 500 feet to the southeast of the site. Mr. Cole indicated that the UST installations (gasoline and fuel oil) at the Town Garage and the Mt. Holly Elementary School are in good order to his present knowledge.

Information from the Mt. Holly Assessor's Office indicated that the properties located in the vicinity of the subject site are serviced by private water supply wells and septic systems. The subject site is reported to receive water supply from a spring located on the Mt. Holly Elementary School property about 500 feet to the southeast of the site.

4.20 Review of State Records

On June 19, 1991, Nobis Engineering, Inc. reviewed files made available by the Vermont Agency of Natural Resources, Department of Environmental Conservation (VTDEC).

The VTDEC files did not contain any information indicating hazardous waste related environmental concerns or Resource Conservation and Recovery Act (RCRA) regulated facilities within approximately 1,000 feet of the site. VTDEC records indicated that there are several USTs at the Mt. Holly Public Works (Town Garage) facility, and one fuel oil UST at the above-mentioned Mt. Holly Elementary School. Both the Mt. Holly Public Works facility and the Mt. Holly Elementary School do not appear to be situated hydraulically upgradient (i.e., not located within the site upgradient drainage area), based on site area observations and review of USGS topographic and drainage data and, therefore, are not likely to impact the subject site environment. VTDEC records

did not contain any reports of leakage or spill incidents associated with these two nearby UST facilities. Pertaining to the subject site, VTDEC records indicated the following:

- An above-ground (basement installation) kerosene tank in the store building developed a leak on December 15, 1987. About 400 gallons of kerosene were estimated to have leaked in an area where the basement had a soil floor. VTDEC records indicate that the site owner at the time (Sherman V. Allen, Inc. of Rutland, Vermont) was required to clean up the spilled kerosene through soil excavation, the installation of recovery sumps in the soil floor portion of the basement and the installation of absorbent booms in the brook. A VTDEC correspondence to Sherman V. Allen, Inc. dated January 12, 1989, indicates that the VTDEC closed the site stating:

  > "All of the recoverable free floating kerosene that could be recovered had been recovered"; and "Monitoring in the store basement and in the stream behind the store has shown that remediation efforts at the store have been successful."

- Two 2,000-gallon gasoline USTs at the site were registered with the VTDEC in December 12, 1985. These USTs were reported to be 3 and 12 years in age at that time.

- A VTDEC "Incident Report" dated February 5, 1988 indicates that the older 2,000-gallon UST (designated UST No. 2) failed a tightness test. The site owner at that time had reported no evidence of product loss in the two 2,000-gallon USTs. This UST was removed from the site on February 22, 1988 and not replaced. The VTDEC report on the removal indicated that the removed UST was in "poor condition" and that "some sheen" was present on the groundwater in the UST removal excavation. The February 22, 1988, VTDEC UST removal report also indicated that two unregistered permanently-out-of-use USTs (size not known) were located at the site under the pump island in front of and to the west of the store building.

- A June 4, 1991, VTDEC correspondence to Dartmouth Bank stated that the remaining 2,000-gallon gasoline UST was required to be closed and removed from the site as it had been out of service for at least one year.

Copies of the above-referenced VTDEC information are enclosed in Appendix B.

5.00 UST STATUS SUMMARY

Based on our site observations and review of readily available local and state information pertaining to the site, the status of past and present on-site USTs is summarized as follows:

- There are apparently two out-of-use gasoline USTs (ages and sizes not known) located generally beneath the former pump island. These USTs appear to be partially filled with sand. Based on our June 26, 1991, telephone conversation with Mr. Theodore (Ted) Unkles of the VTDEC Hazardous Materials Management Division, it is understood that these two USTs must be "closed out" in accordance with Vermont UST regulations[1]. Mr. Unkles indicated that further evaluation of the present contents of these USTs would be required prior to determining an appropriate closure method. Mr. Unkles also indicated that proper closure of these two USTs could possibly consist of completely filling them

[1] Refer to "Underground Storage Tank Regulations" issued by the Vermont Agency of Natural Resources, Department of Environmental Conservation, dated February 1, 1991.

with an inert material (e.g., clean sand) and leaving them in place rather than removing them which would likely result in disturbance to State Aid Highway 1.

- A 9± year old 2,000-gallon gasoline UST that has been out-of-use for more than one year is located in the northwestern portion of the site. A June 4, 1991, VTDEC correspondence to Dartmouth Bank stated that this UST was required to be closed and removed from the site as it had been out of service for more that one year.

- A 2,000-gallon gasoline UST (reported to be 12 years old) that had reportedly failed a tightness test in February 1988 was removed from the site in February 1988. Only minor contamination was reported to have been observed by the VTDEC in the UST removal excavation and no further site evaluation work was required subsequent to the removal of that UST.

6.00 FIELD EXPLORATIONS

6.10 Soil Test Boring/Monitoring Well Installations

On June 7, 1991, six soil test borings were performed at the site by New Hampshire Boring, Inc. of Derry, New Hampshire, under the observation of Nobis Engineering, Inc. personnel. Groundwater monitoring wells (designated MW-1 through MW-4) were installed in four of the test borings. Monitoring wells consisted of 2-inch diameter PVC pipe with machine slotted screen sections. The approximate locations of the test borings and monitoring wells are shown on Figure 2. The borings were advanced to depths ranging from approximately 5 to 13.5 feet using 4-1/4-inch I.D. hollow-stem auger drilling techniques. A description of the test boring/monitoring well installation procedures is included in Appendix C. Logs of the test boring/monitoring well installations are included in Appendix D.

Boring B-2A and boring MW-3 encountered auger refusal at depths of 5 and 13.5 feet respectively. Auger refusal is defined herein as the inability to further advance the boring under increased down-pressure and torque due to the presence of large or tightly-nested boulders. Boring B-2B encountered and punctured the top of an out-of-use UST (the northernmost of two old out-of-use USTs located beneath the pump island) at a depth of about 3 feet. This UST was observed to be partially filled with soil to a depth of about 5 feet below the ground surface.

6.20 Soil Sample Screening

Soil samples collected from the test borings were screened for total concentrations of volatile organic compounds (VOCs) using a Photovac MicroTIP organic vapor meter (OVM) equipped with a photoionization detector (10.6 eV lamp). The MicroTIP OVM responds readily to most VOCs but does not register methane or natural components of air such as oxygen, nitrogen or carbon dioxide. The MicroTIP OVM detection limit is approximately one part per million (ppm) by volume, referenced to an isobutylene-in-air standard. Results of OVM screening of test boring soil samples are discussed later in this report.

6.30 Well Elevation Survey

A well elevation survey was performed on June 9, 1991 by Nobis Engineering, Inc. personnel using a laser level. Well elevations were obtained for the top of the PVC riser pipe of each well referenced to an assumed benchmark elevation of 100.00 feet established at the top of the PVC pipe for MW-1. Well elevation data are included in Table 1.

7.00 SUBSURFACE CONDITIONS

7.10 Soil Conditions

The soil samples obtained from test borings MW-1 through MW-4 and boring B-2A were visually classified in the field in accordance with the Burmister Classification System, a summary of which is included in Appendix D.

In general, overburden soils typically encountered in the test borings included about 3 to 8 feet of fine granular soil fills underlain by dense to very dense natural glacial till consisting generally of sands with varying amounts of silt, clayey-silt, gravel, cobbles, and boulders. A 6± foot thick layer of very dense sand and gravel was encountered beneath surficial fills and above the glacial till from the 3 to 9-foot depth interval in test boring MW-4.

7.20 Groundwater Levels and Flow Directions

Groundwater levels measured during the groundwater sampling round on June 9, 1991 ranged from about 2 to 7 feet below the existing ground surface. Groundwater elevation data are summarized in Table 1 and a groundwater surface elevation contour plan is presented as Figure 4.

Based on the observed static water table elevations, groundwater in the western portion of the site appears to flow in a general southerly direction toward the unnamed brook that abuts the site. Available data suggests that the stream may serve as a discharge area for groundwater flowing beneath the site. Fluctuations in groundwater levels will occur due to variations in rainfall, surface runoff, temperature, and other factors. Local groundwater flow anomalies may also exist due to the influence of paved areas, underground utilities and localized topography. Additional monitoring wells and long-term groundwater level monitoring would be necessary to establish groundwater flow directions more definitively.

8.00 SAMPLING AND ANALYSIS

Groundwater samples were collected on June 9, 1991 by Nobis Engineering, Inc. personnel from the four groundwater monitoring wells. A surface water sample was also obtained from the brook at the southwestern portion of the site. The groundwater samples were field tested for pH and specific conductance by Nobis Engineering, Inc. Nobis Engineering, Inc. also checked each of the samples for floating product or a sheen at the time of sampling. No floating product or sheen was evident in the four groundwater samples and one surface water sample collected. The samples were subsequently submitted to Aquarian Analytical, Inc. in Canterbury, New Hampshire analyses for Hazardous Substance List (HSL) VOCs analysis by EPA Method 624. Copies of the analytical laboratory reports are included in Appendix E.

9.00 RESULTS OF ANALYSES

9.10 Soil Screening Results

OVM screening results of the test boring soil samples ranged from approximately 10 to 310 ppm on the MicroTIP. The highest reading (310 ppm) was observed in the soil sample obtained from near the groundsurface and groundwater table in boring MW-4, located to the south edge of the building and gravel surface driveway. The other OVM readings were slightly elevated

(approximately 10 to 22 ppm) and are likely indicative of the presence of some VOCs at those locations. A summary of OVM screening of soil samples is presented on Table 2.

9.20 Groundwater Analyses

A summary of laboratory analyses of groundwater and surface water samples is presented in Table 3. Results of laboratory analyses of the water samples indicated that gasoline-related VOCs were present above analytical detection method limits in the groundwater samples obtained from wells MW-2 through MW-4. VOCs detected in each of these three wells included benzene, ethylbenzene, toluene and xylenes (collectively referred to as BTEX). Another gasoline-related VOC, methyl t-butyl ether (MTBE), which is typically an additive to unleaded gasoline, was also detected in well MW-3.

The observed concentrations of benzene in wells MW-2 through MW-4 were 87, 85, and 6 parts per billion (ppb), respectively. These concentrations exceed the current "Primary Ground Water Quality Enforcement Standard"[2] of 5 ppb for benzene established by the VTDEC. The observed concentrations of xylenes (MW-1: 590 ppb, MW-2: 335 ppb, MW-3: 813 ppb) also generally exceed the current VTDEC Enforcement Standard of 400 ppb. The observed concentrations of toluene (MW-1: 129 ppb, MW-2: 56 ppb, MW-3: 4 ppb), and ethylbenzene (MW-1: 50 ppb, MW-2: 47 ppb, MW-3: 59 ppb), while elevated, do not exceed the current VTDEC Enforcement Standard criteria for these compounds of 2,420 and 680 ppb. MTBE was detected in MW-3 only at a concentration of 3 ppb. Enforcement Standard criteria for MTBE are currently not available. The laboratory analyses indicated that other gasoline-related petroleum hydrocarbons not specifically identifiable as HSL VOCs were also present in the samples from wells MW-2 through MW-4. The concentrations of these petroleum hydrocarbons were not determined. Only xylenes at a relatively low concentration of 1 ppb were detected in the surface water sample obtained from the unnamed brook.

The pH of the groundwater and surface water samples ranged from 6.5 to 7.1. The pH values are within the range of values typically observed in Vermont groundwater and surface water in lightly developed areas. The specific conductance of the groundwater samples ranged from 710 microSiemens per centimeter (uS/cm) to 890 uS/cm. The observed groundwater specific conductance values were generally above the range of values typically observed in Vermont groundwater in lightly developed areas. The observed specific conductance value of 140 us/cm for the surface water sample from the unnamed brook was within the range of values typically observed in Vermont surface water in lightly developed areas.

10.00 CONCLUSIONS

On the basis of this environmental assessment performed at in Mt. Holly Country Store on State Aid Highway 1, Mt. Holly, Vermont, the following conclusions are presented:

1. The site contains a small village store with a gasoline refueling station. The site has reportedly included a gasoline refueling station since the 1940s. The site, with a reported land area of 2± acres, is situated in a lightly developed setting adjacent to an unnamed brook. There are no industrial facilities, petroleum storage facilities, or other commercial facilities on the same side of the brook within 1,000 feet of the site.

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[2] Refer to Chapter 12 - "Ground Water Protection Rule and Strategy" issued by the Vermont Agency of Natural Resources, Department of Environmental Conservation, dated September 19, 1988.

2. The site and the properties within the general site vicinity have on-site private sewage disposal systems. The site water supply is reportedly from a spring located at the Mt. Holly Elementary School about 500 feet to the southeast of the site (on a hillside across the unnamed brook). A cistern in the store building basement is fed continuously by the spring with overflow discharge to the unnamed brook that forms the site's southern boundary. The location of the cistern feed and discharge lines, their existence or condition, were not verified as part of this assessment.

3. Groundwater and surface water elevation data obtained during this study indicate that groundwater flow in the western portion of the site is generally to the south toward the adjacent unnamed brook. Available data suggests that groundwater from beneath the site discharges, at least in part, into the brook. Based on our site observations and review of a USGS topographic map of the site area, groundwater flow in the remainder of the 2± acre site is also likely to be in a southerly direction.

4. VTDEC files indicate that a 2,000-gallon gasoline UST that has been out-of-use for more than one year is located to the north of the western portion of the store building. Current VTDEC UST regulations require appropriate closure of USTs that have been out-of-use for more than one year.

5. VTDEC files indicate that another 2,000-gallon UST that was previously situated adjacent to the existing 2,000-gallon UST, was removed from the site on February 22, 1988, following failure of a tightness test on February 5, 1988. The site owner at that time had reported no evidence of product loss associated with the removed UST. VTDEC records, however, indicated that the removed UST was in "poor condition" and that "some sheen" was present on the groundwater in the UST removal excavation.

6. Our site observations and VTDEC records indicate that two old out-of-use USTs of undetermined size are located beneath the pump island adjacent to the western end of the store building. One of these (the northernmost of the two) USTs was observed to be partially full of soil. Collapse of the empty portion of the UST(s) could result in potentially dangerous subsidence of the ground along State Aid Highway 1. While no evidence of product was observed within the UST, the presence of contamination within the soil was not determined. Current VTDEC UST regulations also require proper closure of these two older out-of-use USTs. Because of the proximity of these two USTs to State Aid Highway 1, acceptable closure of these two USTs could possibly consist of completely filling them with clean sand and leaving them in-place. Further evaluation of the contents (apparently sand) of these USTs would be required to provide the VTDEC with sufficient information to designate an acceptable closure method for these USTs.

7. VTDEC records indicate that a basement installation 500-gallon kerosene tank (for the building heating system) developed a leak in December 1987 resulting in a 400± gallon spill. The kerosene spill resulted in contamination of the basement soil floor and of soil and groundwater between the building and the unnamed brook. A VTDEC correspondence to Sherman V. Allen, Inc. (a previous site owner) dated January 23, 1989 indicates that the remediation of the contamination associated with the kerosene spill had been completed to the satisfaction of the VTDEC. The 500-gallon tank was replaced with two 275-gallon steel tanks in December 1987.

8. VTDEC information did not indicate any reported hazardous waste problems on properties situated hydraulically upgradient of the site within 1,000± feet of the site boundaries.

9. The store building utilized two oil-fired boilers. Fuel oil is stored in two 275-gallon steel tanks located in the basement. The fuel oil tanks and the two boilers appeared to be in good condition with no evidence of leakage observed on June 7, 1991.

10. Laboratory analyses of four groundwater samples from monitoring wells indicated that elevated concentrations of four gasoline-related VOCs (benzene, ethylbenzene, toluene and xylenes) were present in the three wells (MW-2 through MW-4) that were installed hydraulically downgradient of on-site USTs. The observed concentrations of benzene in wells MW-2 through MW-4 and of xylenes in wells MW-2 and MW-4 exceeded current VTDEC Primary Groundwater Quality Enforcement Standards criteria. Unquantified concentrations of gasoline-related petroleum hydrocarbons were also present in the groundwater samples from wells MW-2 through MW-4. Methyl t-butyl ether (MTBE), a HSL VOC typically present in unleaded gasoline, was detected only in well MW-3 at a relatively low concentration. Evidence of floating product was not observed in monitoring wells MW-1 through MW-4 during field operations on June 7 and 9, 1991. The former and present on-site USTs are the likely source of the observed VOC contamination of groundwater.

11. No HSL VOCs were detected in upgradient well MW-1. One HSL VOC (xylene) was observed in the surface water sample obtained from a downgradient location of the adjacent unnamed brook at the relatively low concentration of 1 ppb.

12. There is a single-family residence with a private water supply well on the property associated with the residence located across the unnamed brook approximately 100 feet to the south of the site. Though it appears to be a bedrock well, information on the construction of this well was not available for this assessment. Laboratory analyses of a water sample from this well would be necessary to determine if the on-site gasoline-related contamination has impacted this nearby well.

11.00 RECOMMENDATIONS

Based on the results of this assessment, the following recommendations are offered:

1) The 2,000 gallon gasoline UST (and appurtenances) to the north of the western portion of the store building should be removed per VTDEC requirements as it has been out-of-use for more than 1 year.

2) Further evaluation of the contents of the two old out-of-use USTs (and appurtenances) beneath the pump island should be performed toward the determination of an acceptable closure method for this USTs per VTDEC requirements.

Due to the presence of observed VOC contamination of groundwater at the site, Nobis Engineering, Inc. recommends that this report be submitted to the VTDEC to assess what further evaluation, if any, may be required. VTDEC Rules Chapter 12 "Ground Water Protection Rule and Strategy", Subchapter 12-709, require all instances of exceedance of Primary Ground Water Quality Enforcement Standards to be reported immediately to the VTDEC by the site owner or operator.

TABLES

TABLE 1

SUMMARY OF GROUNDWATER ELEVATIONS

91-310

WELL No.	REFERENCE ELEVATION (FT)	DEPTH TO GROUNDWATER (FT)	WATER ELEVATION (FT)
MW-1	100.00	2.4	97.6
MW-2	97.03	6.6	90.4
MW-3	98.78	6.5	92.3
MW-4	91.46	3.6	87.9
STREAM	86.40	-	86.4

NOTES:

1. Well elevations are referenced to an arbitrary datum of 100.00 feet established on the top of PVC at well MW-1. Elevations were determined by Nobis Engineering Inc. personnel on June 9, 1991 using a laser level.

2. Groundwater level measurements were obtained by Nobis Engineering, Inc. personnel on June 9, 1991 using a Solinst electronic water level indicator.

TABLE 2

SUMMARY OF OVM SCREENING OF SOILS
91-310

SAMPLE NUMBER	DEPTH (ft.)	OVM READING (ppm)
MW-1		
A-1	0-2	21
S-1	5-7	15
S-2	10-12	21
B-2A		
A-1	0-2	10
B-2B		
A-1	0-2	8
MW-2		
A-1	0-2	10
S-1	5-7	--
S-2	10-12	22
MW-3		
A-1	0-2	13
S-1	5-7	18
S-2	10-12	11
MW-4		
A-1	0-2	310
S-1	5-7	14
S-2	10-12	16

NOTES:

1. Organic vapor meter (OVM) readings obtained by Nobis Engineering, Inc. personnel in the field using a Photovac MicroTIP meter equipped with a photoionization detector (PID).

2. OVM readings are in parts per million (ppm) referenced to an isobutylene-in-air standard. " -- " indicates no sample obtained (no split-spoon sample recovery).

3. OVM readings obtained from the head-space of 8-ounce jars filled with soil obtained from the test borings performed on June 7, 1991.

TABLE 3

SUMMARY OF ANALYSES FOR VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER AND SURFACE WATER

91-310

PARAMETER	DRINKING WATER STANDARD	MW-1	MW-2	MW-3	MW-4	STREAM
Benzene	5	-	87	85	6	-
Toluene	2420	-	129	56	4	-
Ethylbenzene	680	-	50	47	59	-
Xylenes	400	-	590	335	813	1
Methyl t-butyl ether	N/A	-	-	3	-	-
Unknowns	N/A	-	P	P	P	-

NOTES:

1. All concentrations reported in parts per billion (ppb).
2. Only detected parameters are listed.
3. "–" indicates that parameter was not present above analytical detection limit.
   "P" indicates parameter present but not quantified.
   "N/A" indicates "Not applicable."
4. Sampling was performed on June 9, 1991 by Nobis Engineering, Inc. personnel.
5. All analyses performed by Aquarian Analytical Inc. of Canterbury, New Hampshire. VOC analyses were performed using EPA Method 624.
6. Drinking Water Standards represent "Primary Ground Water Quality Standards - Enforcement Standard" referenced in Vermont Agency of Natural Resources, Department of Environmental Conservation Rules Chapter 12 "Ground Water Protection Rule and Strategy": dated September 19, 1988.

TABLE 4

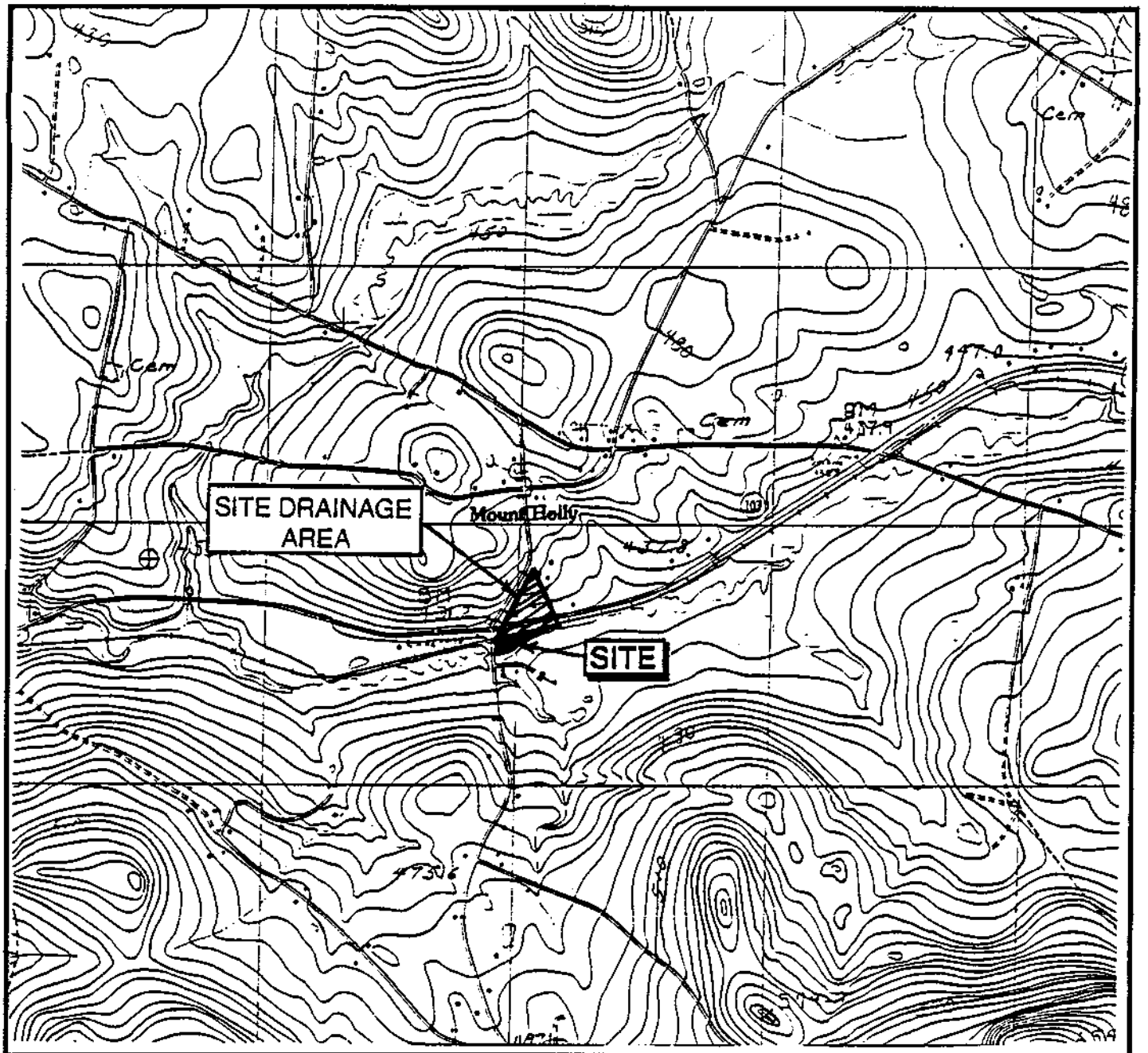
SUMMARY OF FIELD TESTING OF GROUNDWATER
91-310

WELL No.	pH (Standard Units)	SPECIFIC CONDUCTANCE (uS/cm)
MW-1	6.5	710
MW-2	6.5	830
MW-3	6.5	890
MW-4	7.1	720
STREAM	7.0	140

NOTES:

1. Sampling and field testing of groundwater performed by Nobis Engineering, Inc. personnel on June 9, 1991.
2. Measurements of pH were made with Hanna Instruments Model 0624-00 pH Electronic Paper. Measurements of specific conductance were made with a Hanna Instruments Model 0661-30 Dissolved Solids Tester.

FIGURES



N

QUADRANGLE LOCATION

USGS TOPOGRAPHIC MAP
MOUNT HOLLY, VERMONT
QUADRANGLE
1986

APPROXIMATE SCALE:
1 INCH = 2,000 FEET

FILE No. 91-310

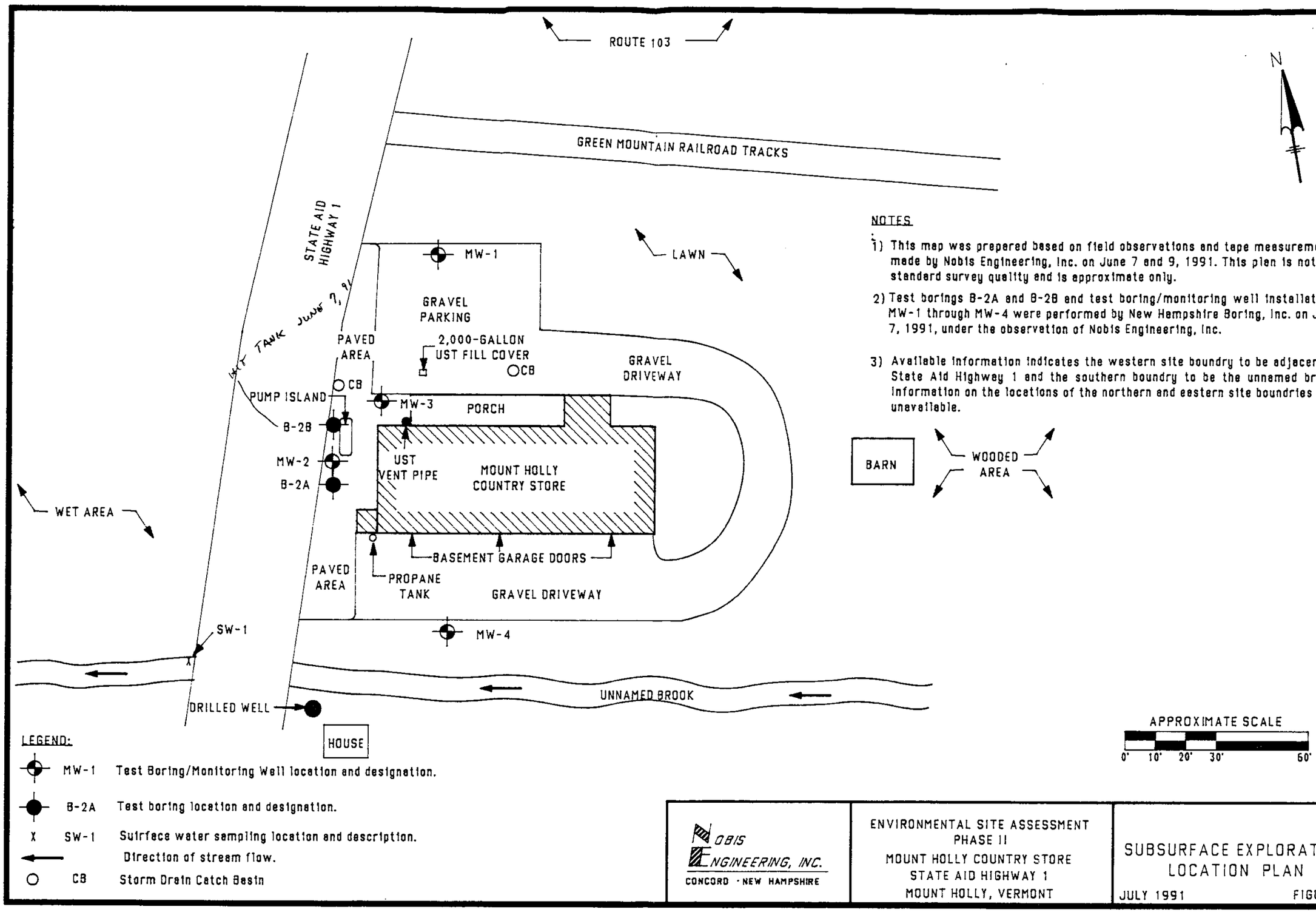
NOBIS ENGINEERING, INC.
CONCORD • NEW HAMPSHIRE

ENVIRONMENTAL SITE ASSESSMENT
PHASE II
MOUNT HOLLY COUNTRY STORE
STATE AID HIGHWAY 1
MOUNT HOLLY, VERMONT

LOCUS PLAN

JULY 1991

FIGURE 1



NOTES

1) This map was prepared based on field observations and tape measurements made by Nobis Engineering, Inc. on June 7 and 9, 1991. This plan is not of standard survey quality and is approximate only.

2) Test borings B-2A and B-2B and test boring/monitoring well installations MW-1 through MW-4 were performed by New Hampshire Boring, Inc. on June 7, 1991, under the observation of Nobis Engineering, Inc.

3) Available information indicates the western site boundry to be adjacent to State Aid Highway 1 and the southern boundry to be the unnamed brook. Information on the locations of the northern and eastern site boundries was unavailable.

LEGEND:

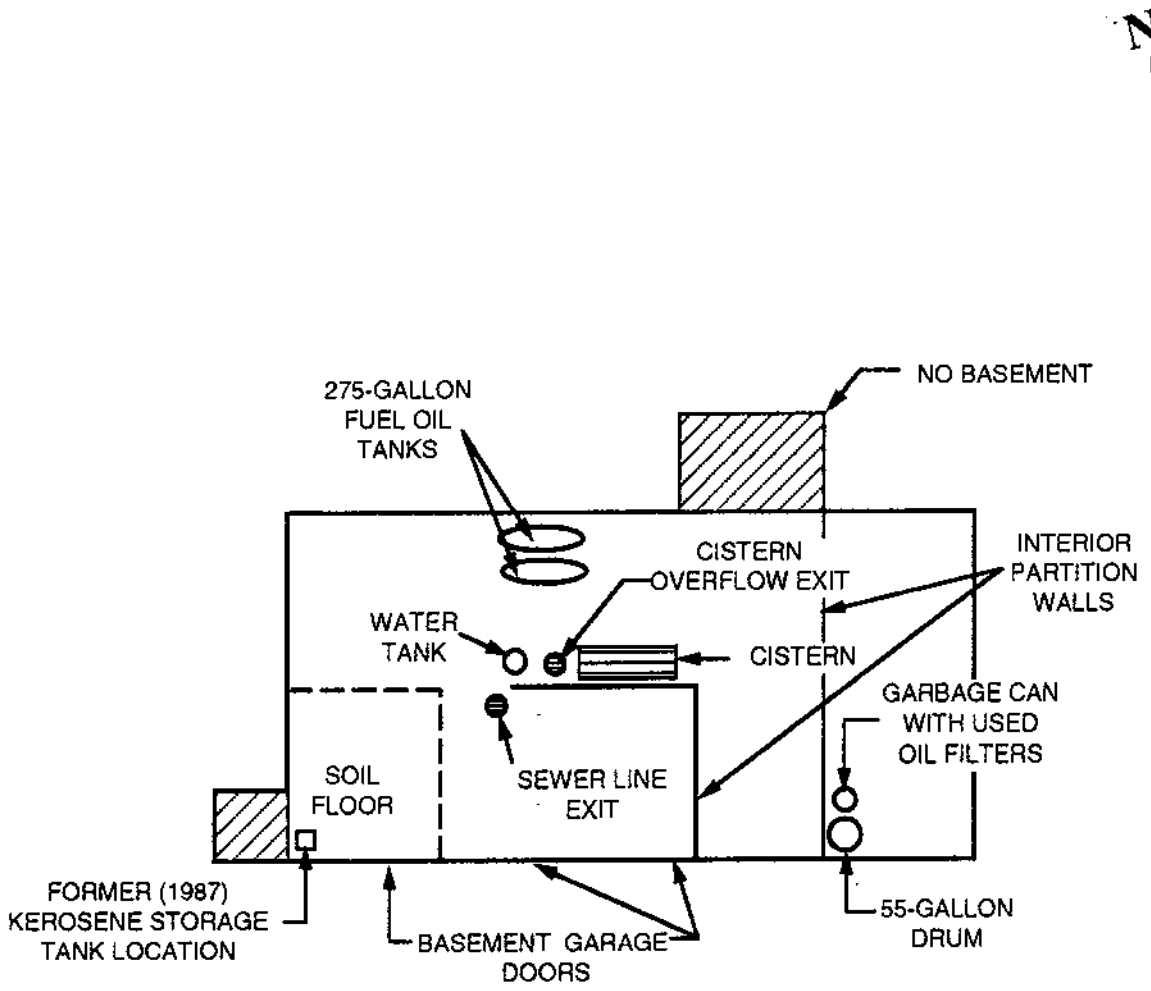
- MW-1 — Test Boring/Monitoring Well location and designation.
- B-2A — Test boring location and designation.
- X SW-1 — Surface water sampling location and description.
- ← — Direction of stream flow.
- ○ CB — Storm Drain Catch Basin

NOBIS ENGINEERING, INC.
CONCORD · NEW HAMPSHIRE

ENVIRONMENTAL SITE ASSESSMENT
PHASE II
MOUNT HOLLY COUNTRY STORE
STATE AID HIGHWAY 1
MOUNT HOLLY, VERMONT

SUBSURFACE EXPLORATION LOCATION PLAN

JULY 1991 FIGURE 2



NOTES:

1) See Figure 2 notes and legend.

APPROXIMATE SCALE

0' 5' 10' 20' 40'

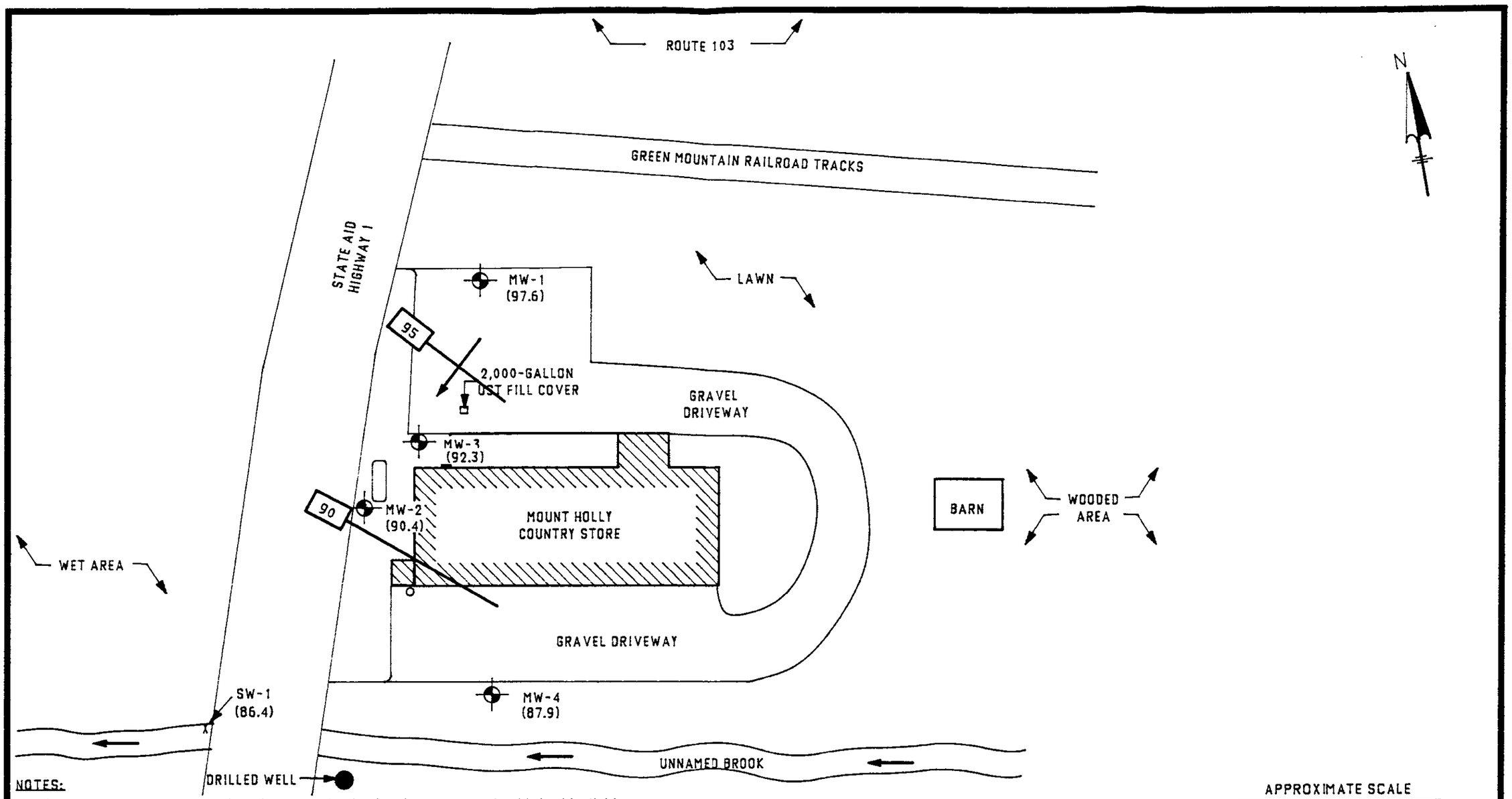
FILE No. 91-310

NOBIS ENGINEERING, INC.
CONCORD • NEW HAMPSHIRE

ENVIRONMENTAL SITE ASSESSMENT
PHASE II
MOUNT HOLLY COUNTRY STORE
STATE AID HIGHWAY 1
MOUNT HOLLY, VERMONT

STORE BASEMENT PLAN

JULY1991 FIGURE 3



NOTES:

1) Groundwater elevations are based on groundwater level measurements obtained by Nobis Engineering, Inc. on June 9, 1991. The groundwater elevation contours presented herein represent one interpretation of flow conditions. Other interpretations are possible.
2) See Figure 2 for additional notes and legend.

LEGEND:

- MW-1 (97.6) Monitoring Well — Groundwater elevation observed on June 9, 1991.
- 90 Estimated groundwater elevation contour.
- → Estimated direction of groundwater flow.
- X SW-1 Surface water sampling location and description.

APPROXIMATE SCALE

0' 10' 20' 30' 60'

NOBIS ENGINEERING, INC.
CONCORD · NEW HAMPSHIRE

ENVIRONMENTAL SITE ASSESSMENT
PHASE II
MOUNT HOLLY COUNTRY STORE
STATE AID HIGHWAY 1
MOUNT HOLLY, VERMONT

GROUNDWATER ELEVATION CONTOUR PLAN-JUNE 9, 1991

JULY 1991 FIGURE 4

APPENDIX A

APPENDIX A

LIMITATIONS

1) This Phase II environmental assessment was performed in accordance with generally accepted practices of other consultants undertaking similar assessments at the same time and in the same geographical area. The results of this preliminary assessment are based on our professional judgement and are not scientific certainties. Specifically, Nobis Engineering, Inc. does not and cannot represent that the site contains no hazardous wastes, oil or other latent conditions beyond those observed during this assessment. No other warranty, express or implied, is made.

2) The observations and conclusions presented in this report were made solely on the basis of conditions described in the report and not on scientific tasks or procedures beyond the scope of described services or the budgetary and time constraints imposed by the client. The work described in this report was performed in accordance with the terms and conditions of our agreement dated May 1, 1991. No other warranty, express or implied, is made.

3) Observations were made of the site as indicated in this report. Where access to portions of the site were unavailable or limited, Nobis Engineering, Inc. renders no opinion as to the presence of hazardous wastes or the presence of indirect evidence of hazardous wastes in that portion of the site.

4) No property boundary, site feature or topographic surveys of the site were performed by Nobis Engineering, Inc.

5) No sampling or testing was performed for the presence of pesticides, herbicides, radon, lead paint, urea-formaldehyde, asbestos or polychlorinated biphenyls (PCBs) at the site.

6) The purpose of this assessment was to assess the physical characteristics of the subject site with respect to the presence of hazardous wastes in the environment within the meaning of Vermont Statutes Annotated, Chapter 159. No attempt was made to check the compliance of present or past owners of the site with federal, state or local laws.

7) The conclusions and recommendations contained in this report are based in part upon data obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

8) Water level readings have been made in the test borings/monitoring wells at the times and under the conditions stated in this report. Fluctuations in groundwater levels will occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

9) Except as noted within the text of the report, no quantitative laboratory testing was performed as part of the site assessment. Where such analyses have been conducted by an outside laboratory, Nobis Engineering, Inc. has relied upon the data provided and has not conducted an independent evaluation of the reliability of these data.

10) Chemical analyses have been performed for specific parameters during this site assessment, as described in the text of the report. Additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the site.

11) This assessment has been prepared for the exclusive use of Dartmouth Bank solely for use in an environmental evaluation of the site. This report shall not, in whole or in part, be conveyed to any other party without prior written consent of Nobis Engineering, Inc. However, Nobis Engineering, Inc. acknowledges and agrees that the report may be conveyed by Dartmouth Bank to others associated with the proximate transaction of the site.

APPENDIX B

VERMONT
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
INFORMATION

Mount Holly Country Store

1. Spill Incident Report, 12/15/87
2. Trip Report, Greg Leech, 12/22/87
3. Trip Report, Greg Leech, 1/4/88
4. Letter from Dan Poalino, Sherman Allen, 1/15/87
5. Spill Incident Report, 2/5/88
6. Trip Report, Richard Spiese, 2/11/88
7. 1283 Tank Pull Order, 2/18/88 (Never sent)
8. Tank pull form, notification form
9. Trip Report, Richard Spiese, 2/24/88
10. Letter from Dan Poalino, Sherman Allen, 3/7/88
11. Trip Report, RFS, 3/24/88

(1)

CASE # 739-87

Department of Water Resources and
Environmental Engineering

Incident Report

Date/Time: 12/15 3:00 pm Person taking report RATP

Location: Town/City: Mt Holly Stock
Road, Street, Highway: Rt 103
Address/Mile Marker: Flashing Light

Person Making Report
Name/Organization: Marie Johnson, Store Owner
Telephone #: 259-2368
Address: Rte 103

Is this an emergency? No
Nature of Incident: Kerosene leak from skid tank petal
Date/Time of Incident:
Type of Contaminant gasoline
Quantity of Contaminant Kerosene
Responsible Parties Unknown
owner/operator: Elroy Hill - VT Texaco 775-4428 (Sherman Pike)
shipper/consignee:
carrier/facility:
Other Information:

Case Assigned to Which Section:

Priority: High (Medium) Low

Actions Taken: Absorbents put down to remove oil from river. Soils to be removed and stored on plastic. SRES person will screen soils

cc to:

___ Dept of Health
___ Dept of Motor Vehicles
___ Dept of Agriculture
___ Dept of Labor & Industry
___ Emergency Management
___ Dept of Fish & Wildlife
___ U.S. EPA

Case Closed: Date:

(2)

State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
Natural Resources Conservation Council

AGENCY OF NATURAL RESOURCES
103 SOUTH MAIN STREET
Waterbury, Vermont 05676

Department of Environmental Conservation

MEMORANDUM

TO: Spill File #239-87

THRU: John Amadon, ERMS

FROM: Greg Leech, ERMS

RE: Mount Holly General Store, #239-87
Rte. 103, Mount Holly

DATE: December 22, 1987

I stopped by the General Store to take a look at the spill that occurred on December 15, 1987. Sherman Allen representative Elroy Hill was on site with two other people cleaning up the estimated 400 gallons of kerosene. Elroy estimates that approximately 175 gallons have been recovered so far from the use of sorbents.

The tank that failed was an above ground tank that was in the basement of the store. The store has a dirt basement, so product has soaked through the soil and stopped at the water table. The water table is approximately 18-24" below the floor. Elroy dug a hole approximately four feet square by two feet deep. The soil will be taken to the main office of Sherman Allen in Fair Haven. The two yards of soil will be stockpiled under plastic until the spring. In the spring the soils should be screened using Photovac TIP or HNU.

Mill River is the immediate receptor of the release and there is a very slight sheen getting away from the sorbent booms. Pads are also being used in the river.

The excavation will be filled when recovery attempts prove fruitless. Elroy will put a slotted piece of culvert in the hole so further mopping up may take place in the future.

Site should be checked from time to time.

GML/kb#91
cc: Ken Rota, Hazardous Waste Management Program
Bill Barry, ERMS

Bill

(3)

To: Spill File #239-87

From: Greg Leech, ERMS

Re: Mount Holly update

Date: January 4, 1988

I talked to Elroy Hill of Sherman V. Allen and got a verbable update on the situation in Mount Holly. Elroy makes frequent trips to the site to check on the excavation and to mop up the kerosene. In the past few days, only about a quart a day is being recovered by the use of sorbents. The boom is still in the river. There is no obvious sheen on the river.

The soil has been moved to 100 Acedemy Street in Fair Haven and should remain there until HNU readings have taken place. The spring time would be the best time to do this.

When in the area, the site should be checked.

JAN 20 1988 (4)

Sherman V. Allen, Inc.
Distributor of Petroleum Products
253 South Main Street • Rutland, VT 05701

802 775 6720
EXECUTIVE OFFICES

January 15, 1987

Mr. Greg Leach
Waste Management
State of Vermont
103 S. Main St.
Waterbury, VT 05676

Re: Above Ground Storage Leak
Mt. Holly Country Store

Dear Mr. Leach:

In the late afternoon of December 15th, our fuel manager, Jack Hennessey received a phone call from Marie Johnson (owner of Mt. Holly Country Store) in regards to a leak from an above ground kerosene tank. That afternoon Mr. Hennessey visited the site and noticed a stress fracture where the skid connected with the storage tank. The tank was empty with the exception of a gallon or so of product. (Note, the remaining kerosene was below the fracture point, therefore, not leaking). The following morning, I dispatched Mr. Hennessey and Elroy Hill, our senior tank and pump technician, to the site. Water Resources, as well as Fire Prevention Departments, were notified and we immediately undertook recovery procedures. The skid tank was removed on the 16th and returned to our plant. A recovery well was excavated and collection procedures were initiated immediately. On the 17th, a second recovery well was excavated. Additionally, a third recovery well was excavated on the 22nd. Each day thereafter, our tank and pump technicians continued recovery procedures until December 25th. Starting the 26th, our technician proceeded to monitor the recovery wells and by the 28th the total daily recovery was approximately a quart of product. As of January 15th, amounts of kerosene detected had been reduced to pint measurements.

Besides the recovery procedures conducted, a stream running along side the Mt. Holly Country Store property is being monitored and no trace of product has been observed escaping into the stream. I am unable to determine the actual product loss because of poor record keeping by the store, however, our total recovery amount as of this writing is approximately 207 gallons.

Presently, I believe the situation has been addressed and we will continue to periodically monitor the site and will advise upon any further changes. I might add that a complete inspection has been conducted on all above ground storage tanks installed by our company (there are only three other sites) and I have personally sent a letter to these individuals instructing them on the procedures for monitoring inventory and what to do in the case of an emergency leak situation (see attached).

If I may provide any further information, please contact me at 775-6628.

Sincerely,

Daniel S. Poalino
Vice President/General Manager
SHERMAN V. ALLEN, INC.

DSP/st
cc: Sherman V. Allen
Peter J. Shambo

Sherman V. Allen, Inc.
Distributor of Petroleum Products
253 South Main Street • Rutland, VT 05701

802 775 6720
EXECUTIVE OFFICES

January 4, 1988

Dear Customer:

I wish to remind you of the following safety and notification procedures regarding the above ground storage of petroleum at your business.

As you may well know, it is the law to monitor all underground storage tanks which are used for resale. This protects the environment and you from potential underground leaks which may be difficult to determine without constant monitoring.

In regards to above ground storage, there are no specific monitoring requirements at this time. A good rule of thumb would be to verify your purchases to your sales and take intc consideration the inventory in the storage tank. In the event there is a discrepancy, you should notify Jack Hennessey from Vermont Texaco Sherman V. Allen, Inc. immediately. Another idea may be to dike around the tank. In the event there is a leak, the product would be contained and you could visually see it.

It makes sense to monitor your product occasionally to insure safety to you, the environment and Sherman V. Allen, Inc.

If you have any questions, you may contact Jack Hennessey, Fuel Manager, Vermont Texaco, Sherman V. Allen, Inc., 126-128 Post St., Rutland, VT. 05701 (telephone 775-6628).

Sincerely,

Daniel S. Poalino
Vice President/General Manager
SHERMAN V. ALLEN, INC.

DSP/st

5

CASE # _____

Department of Water Resources and
Environmental Engineering

Incident Report

Date/Time: 2/5/88 7:00 Person taking report Pete Reed

Location: Town/City: Mt Holly Country Store
Road, Street, Highway: _____
Address/Mile Marker: _____

Person Making Report
Name/Organization: John Scott S P Headquarters
Telephone #: 244-8727
Address: _____

Is this an emergency? no
Nature of Incident: leaking underground tank
Date/Time of Incident: 2/5/88
Type of Contaminant gasoline
Quantity of Contaminant unk.
Responsible Parties
(owner)/operator: Marie Johnson 259-2168
shipper/consignee: _____
carrier/facility: _____
Other Information: inventory shows no loss - tanks failed tank test. Atlantic did test earlier in week and store filled with fumes. Wymans called S.P.

Case Assigned to Which Section: Lust/ERMS

Priority: High, (Medium) Low

Actions Taken:

cc to:

___ Dept of Health
___ Dept of Motor Vehicles
___ Dept of Agriculture
___ Dept of Labor & Industry
___ Emergency Management
___ Dept of Fish & Wildlife
___ U.S. EPA

Case Closed: Date: _____

(6)

MEMORANDUM

TO: Mount Holly Store File

THRU: John Amadon, Soils Scientist

FROM: Richard F. Spiese, LUST Technician RFS

DATE: February 11, 1988

RE: Mount Holly Trip Report

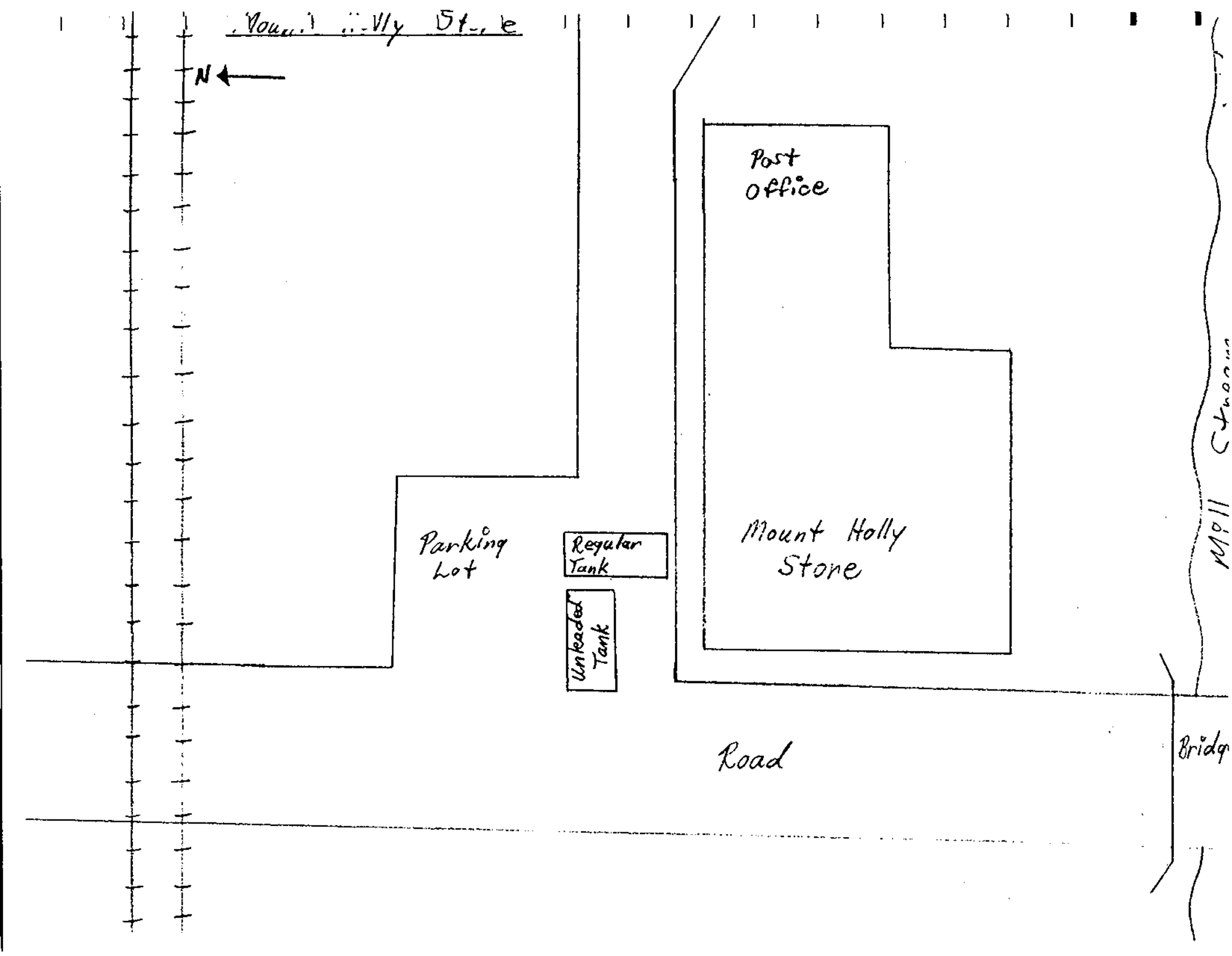
On Wednesday, February 10, 1988, I visited the Mount Holly Store in Mount Holy. The purpose of this trip was to ascertain the status of the store's underground storage tank (UST). A secondary purpose was to evaluate the store's basement recovery system.

On February 5, 1988, Peter Reed (spill response) received a call informing the state that the Mount Holly Store had two USTs which failed tank tests (see spill file #239-87). The unleaded tank failed the tank test because of a faulty fill pipe. This pipe has since been replaced and the UST is currently believed to not be leaking. The regular tank is a known LUST. Wyman's tested the tank with the piping disconnected and they detected a leak in the tenths of a gallon per hour. I have heard that the leak ranges from 1/10 gallon per hour to 3/10 gallon per hour. as of 2/17/88 known to leak .3 14 ga/hr.

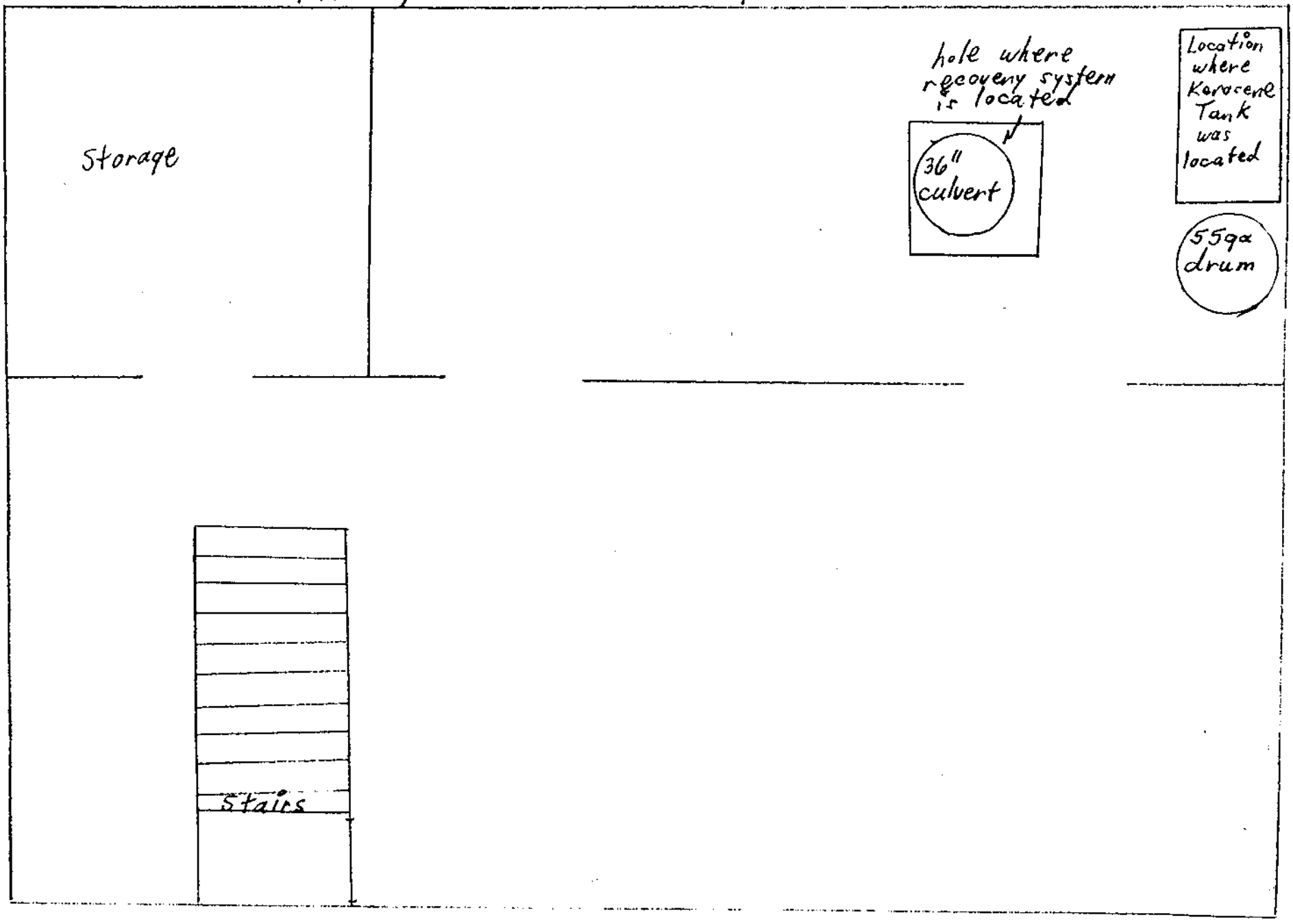
I went to the site and spoke with the Mayos (the store's current owners) and the Johnsons (the store's previous owners). I was informed that the Mayos have a written agreement with the Johnsons which states that any problems associated with this LUSTs removal is the Johnson's responsibility. Because the tank is still exposed and is a known leaker, I informed the Johnsons that they would have to have the tank removed ASAP. I also informed them that I had to be on site during the tank's removal.

The recovery system is located in the back corner of the store basement (see map). This system consists of a 36" slotted culvert inserted into a hand dug hole. About a dozen petroleum sorbents have been inserted into the well to absorb any free product. I was informed that Elroy Hill, Sherman Allen's field representative, comes every day and removes the product from the well by wringing the product out of these pads and into 55 gallon drums. On the day of my visit I noted that the pads in the recovery well were only slight saturated. I did not notice any free product in the well. HNU readings were quite low. Ambient readings in the store and basement were non detect. Five feet from the recovery well readings were 2 ppm PID. In the well itself readings were 10 ppm PID. The only Class I receptor impacted is the store basement.

From my visit I have concluded that the Johnsons must have the LUST removed and the holes backfilled as soon as possible. I have also concluded that the skid tank kerosene clean up has been well managed and well executed. I do not foresee any future problems from this leak.


Mount Holly Store
N
Post Office
Parking Lot
Regular Tank
Unleaded Tank
Mount Holly Store
Road
Mill Stream
Bridge

Floor plan to Mount Holly Store Basement



(7)

State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
Natural Resources Conservation Council

AGENCY OF NATURAL RESOURCES
103 SOUTH MAIN STREET
Waterbury, Vermont 05676

Department of Environmental Conservation

MEMORANDUM

TO: Patrick A. Parenteau, Commissioner, Department of Environmental Conservation

THRU: John A. Malter, Director, Hazardous Materials Management Division
Cedric Sanborn, Chief, ERMS

FROM: Richard F. Spiese, Environmental Technician RFS

DATE: February 18, 1988

RE: Tank Removal Order at the Mount Holly Country Store

This memo will serve to inform you of my findings at the Mount Holly Country Store and to request that you sign this Order so that it can be mailed.

I have investigated the Mount Holly Country Store site and have determined the following:

1. Mr. and Mrs. Tom Mayo are the current owners of the Mount Holly Country Store.

2. Wyman's Meter and Tank Equipment, Incorporated conducted a tightness test on February 5, 1988, and determined that the regular 2,000 gallon underground storage tank leaked at a rate of .314 gallons per hour.

3. Gasoline contamination from a leak of this magnitude may pose a threat to the persons in the Mount Holly General Store as well as to the environment. The only way to determine this is by removing the tank and observing the surrounding soils.

4. Mr. and Mrs. Tom Mayo, as owners of the store and the tank, are responsible for the removal of this tank.

I hope that this memorandum briefs you as to the need for this Order. If you have any questions, please do not hesitate to contact me.

RFS/bl-h

Tank removed before letter sent, so letter not sent. RFS 1/22/88

State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
Natural Resources Conservation Council

AGENCY OF NATURAL RESOURCES
103 SOUTH MAIN STREET
Waterbury, Vermont 05676

Department of Environmental Conservation

February 17, 1988

CERTIFIED MAIL

Mr. and Mrs. Tom Mayo
Mount Holly Country Store
P.O. Box 72
Mount Holly, Vermont 05758

RE: Underground Storage Tank Removal at the Mount Holly Country Store

Dear Mr. and Mrs. Mayo:

The Mount Holly Country Store has two 2,000 gallon underground storage tanks on the north side of the store. On February 5, 1988, Wyman's Meter and Tank Equipment, Incorporated conducted a tightness test at the Mount Holly Country Store on these two tanks. The results of the second tightness test on the regular underground storage tank (the second test is performed on a tank with all associated piping disconnected when the first test has shown the tank and piping together to be leaking) indicated a leak of .314 gallons per hour. This leak may have released significant quantities of gasoline to the environment. This gasoline may pose a potential hazard to the health of persons in the Mount Holly Country Store as well as to the environment.

Based on these findings, the Secretary of the Agency of Natural Resources ("Secretary") has concluded, pursuant to 10 V.S.A., Section 1932, that this underground storage tank must be removed from the ground. This tank must be removed in accordance with Section 505.2 in the Vermont Underground Storage Tank Regulations. The Secretary has further concluded, pursuant to 10 V.S.A., Section 1922.4.A, that Mr. and Mrs. Tom Mayo are the owners of this tank and as such are responsible for the removal of this tank.

Please advise this office, in writing, within ten (10) days of receipt of this notice, whether you intend to perform this work. If you decline to do so, the Secretary may expend state funds to have this work done. If he does so, he will move, pursuant to 10 V.S.A., Section 1283, to have you reimburse the state of Vermont for the costs of this work.

If you agree to perform this work, you are required to initiate this action within ten (10) days of receipt of this notice. Failure to initiate these actions by this date may result in expenditure of state funds to perform this work.

Sincerely,

Patrick A. Parenteau, Commissioner
Department of Environmental Conservation

PAP/bl-h

2/8/88 Property being sold - forms mailed to attorney Paul Kyle PO Box 975 Rutland, PAGE 1 05701

APR 20 1987 X APR 21 1987 APR 14 1987

VERMONT NOTIFICATION FOR UNDERGROUND STORAGE TANKS

- READ INSTRUCTION PAGE CAREFULLY BEFORE COMPLETING THIS FORM -

PLEASE TYPE OR PRINT IN INK ALL ITEMS EXCEPT "SIGNATURE" IN SECTION VI ON PAGE 2.
SEPARATE NOTIFICATION MUST BE FILED FOR TANKS OWNED AT A DIFFERENT LOCATION.
FOR ADDITIONAL INFORMATION, CALL THE VERMONT UNDERGROUND STORAGE TANK PROGRAM AT (802) 828-3395.

I. OWNERSHIP OF TANKS

NAME (CORPORATION, INDIVIDUAL, PUBLIC AGENCY OR OTHER ENTITY): Johnson Properties Inc.

STREET ADDRESS: P.O. Box 72

TOWN OR CITY: Mt. Holly | COUNTY: Rutland

STATE: Vt. | ZIP CODE: 05758 | AREA CODE: (802) | PHONE NUMBER: 259-2368

II. CONTACT PERSON (PERSON RESPONSIBLE FOR DAY-TO-DAY OPERATION OF TANKS.)

NAME (IF SAME AS IN SECTION I, CHECK BOX HERE ☐): Donald or Marie Johnson

JOB TITLE: Owner | AREA CODE: (802) | PHONE NUMBER: 259-2368

MAILING ADDRESS (IF DIFFERENT FROM SECTION I)

STREET ADDRESS: P.O. Box 72

TOWN OR CITY: Mt. Holly

COUNTY: Rutland | STATE: Vt. | ZIP CODE: 05758

III. SITE LEAK HISTORY (COMPLETE THIS SECTION ONLY IF APPLICABLE)

YEAR OF LEAK | ESTIMATE OF QUANTITY LEAKED IN GALLONS

SUBSTANCE LEAKED

SOURCE OF LEAK (CHECK ALL THAT APPLY)

☐ TANK ☐ PUMP ☐ OVERFILL
☐ PIPING ☐ TRANSFER ☐ OTHER

CONTAMINATION (CHECK ALL THAT APPLY)

	YES	NO	DON'T KNOW
SOIL	☐	☐	☐
GROUNDWATER	☐	☐	☐
SURFACE WATER	☐	☐	☐

CORRECTIVE ACTION (CHECK ALL THAT APPLY)

☐ PRODUCT RECOVERY WELLS INSTALLED
☐ SURFACE WATER CONTAINMENT USED
☐ CONTAMINATED SOIL EXCAVATED
☐ TANK REPLACED
☐ PIPING REPLACED
☐ NO ACTION TAKEN
☐ OTHER (SPECIFY)

IV. LOCATION OF TANKS

FACILITY NAME OR OTHER SITE IDENTIFIER, AS APPLICABLE: Mt. Holly Country Store

STREET ADDRESS, STATE ROAD, R.R. #, AS APPLICABLE: Belmont Rd.

TOWN OR CITY: Mt Holly | COUNTY: Rutland

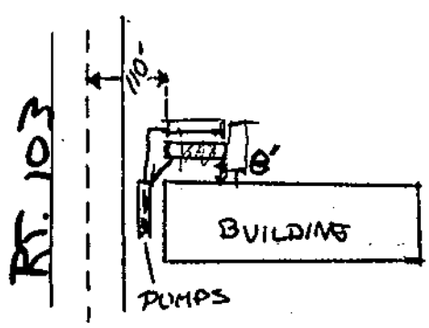
STATE: Vt. | ZIP CODE: 05758 | NUMBER OF TANKS AT THIS LOCATION: 2

NAME OF LANDOWNER: Donald & Marie Johnson

TYPE OF FACILITY (CHECK ONE)

☐ INSTITUTIONAL ☒ RETAIL/CONVENIENCE STORE
☐ BULK PLANT ☐ INDUSTRIAL/COMMERCIAL
☐ STATE ☐ RESIDENTIAL
☐ TOWN ☐ SERVICE STATION
☐ FARM
☐ FEDERAL (GIVE FACILITY I.D. NO. _____)
☐ OTHER (SPECIFY)

USE THIS SPACE TO SKETCH AND/OR VERBALLY DESCRIBE FACILITY LOCATION. INCLUDE ESTIMATED DISTANCES TO CENTER LINE OF ROADS, BUILDINGS, STREAMS AND OTHER LANDMARKS. USE DIRECTIONAL DESCRIPTORS (NORTH, SOUTH, ETC.) WHERE APPLICABLE.



LOCAL USE ONLY

FACILITY I.D. NO. 000132 WAS RECORDED ON April 28, 1987 (DATE) IN BOOK NO. 40, PAGE 121 THE Mount Holly (TOWN) LAND RECORDS.

Susan C. Corallo
SIGNATURE OF TOWN OR CITY OFFICER

STATE USE ONLY

☑ FIRST ☐ AMENDED

FACILITY IDENTIFICATION NUMBER: 0001312

DATE RECEIVED: 4/14/87 | APPROVED: 4/24/84 ☐

RECEIVED BY: Christine S. Miller

OWNER NAME Johnson Properties Inc. (FROM SECTION I)

INDICATE NUMBER OF COPIES OF PAGE 2 ATTACHED [1] (EW)

V. TANK INFORMATION (COMPLETE FOR EACH TANK AT THIS LOCATION)

NUMBER TANKS SEQUENTIALLY (START WITH TANK CLOSEST TO BUILDING, IF POSSIBLE)		TANK NO. 1	TANK NO. 2	TANK NO.	TANK NO.	TANK NO.
1. STATUS OF TANK (CHECK ONE)	CURRENTLY IN USE	X	X			
	TEMPORARILY OUT OF USE					
	PERMANENTLY OUT OF USE					
2. ESTIMATED AGE IN YEARS		(3)	12			
3. TOTAL CAPACITY (GALLONS)		2,000	2,000			
4. MATERIAL OF CONSTRUCTION (CHECK ONE)	STEEL	X	X			
	CONCRETE					
	FIBERGLASS REINFORCED PLASTIC					
	OTHER (SPECIFY)					
	UNKNOWN					
5. INTERNAL PROTECTION (CHECK ALL THAT APPLY)	LINING (E.G. EPOXY RESINS)					
	OTHER (SPECIFY)					
	NONE					
	UNKNOWN	X	X			
6. EXTERNAL PROTECTION (CHECK ALL THAT APPLY)	CATHODIC PROTECTION					
	PAINTED COATING (E.G. ASPHALTIC)	X	X			
	FIBERGLASS REINFORCED PLASTIC COATED					
	OTHER (SPECIFY)					
	NONE					
	UNKNOWN					
7. SECONDARY CONTAINMENT (CHECK ONE)	DOUBLE-WALL TANK					
	CONCRETE VAULT					
	IMPERVIOUS LINER					
	OTHER (SPECIFY)					
	NONE					
	UNKNOWN	X	X			
8. LEAK DETECTION (CHECK ALL THAT APPLY)	DAILY INVENTORY CONTROL	X	X			
	CONTINUOUS SENSOR					
	ELECTRONIC IN-TANK SYSTEM					
	GROUNDWATER MONITORING WELL					
	* PRECISION TEST (ENTER MO./YR. IF WITHIN LAST 5 YRS.)	☐ /	☐ /	☐ /	☐ /	☐ /
* A PRECISION TEST IS NOT AN AIR PRESSURE TEST. BY DEFINITION, A PRECISION TEST IS ACCURATE TO .05 GAL./HR.	OTHER (SPECIFY)					
	NONE					
9. PIPING (CHECK ALL THAT APPLY)	BARE STEEL					
	GALVANIZED STEEL	X	X			
	BLACK IRON					
	FIBERGLASS REINFORCED PLASTIC					
	CATHODICALLY PROTECTED					
	OTHER (SPECIFY)					
	UNKNOWN					
10. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME (CHECK ALL THAT APPLY)	GASOLINE (INCL. ALCOHOL BLENDS)	X	X			
	DIESEL					
	NOS. 2 OR 4 FUEL OIL					
	NOS. 5 OR 6 FUEL OIL					
	AVIATION FUEL					
	KEROSENE					
	USED OIL					
	OTHER PETROLEUM SUBSTANCE (SPECIFY)					
	HAZARDOUS SUBSTANCE (GIVE NAME OR CAS. NO.)					
	MIXTURE OF SUBSTANCES					
	UNKNOWN					
11. ADDITIONAL INFORMATION FOR TANKS TAKEN PERMANENTLY OUT OF SERVICE	(A) ESTIMATED DATE LAST USED (MO./YR.)	/	/	/	/	/
	(B) ESTIMATED QUANTITY LEFT STORED (GAL.)					

VI. SIGNATURE

I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION PROVIDED ON THIS FORM AND ALL ATTACHED DOCUMENTS IS TRUE, ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Donald G. Johnson — President

PRINTED NAME AND OFFICIAL TITLE OF OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

Donald G. Johnson — 12-23-85

SIGNATURE — DATE SIGNED

TANK PULL FORM

TODAYS DATE: FEB 22, 1988

DATE OF REMOVAL: SAME

INSPECTOR: G. LEECH

BUSINESS NAME: MT. HOLLY GENERAL STORE RUTLAND COUNTY

ADDRESS OF BUSINESS: RT. 103 - MT. [redacted] HOLLY (VERMONT RD.)

OWNER OF TANKS: DONALD AND MARIE JOHNSON

ADDRESS OF OWNER: PO BOX 72, MT. HOLLY

TANK#	PRODUCT	SIZE	CONDITION
1	GAS	2000	POOR - LUST(?)
2			
3			
4			
5			
6			
7			
8			

REPLACEMENTS? NO

MONITOR WELLS OR OTHER REMEDIATION INSTLALLED? NO

CONTAMINATED SOILS: NO AMOUNT: —

MOVED TO: USED AS FILL

DEGREE OF CONTAMINATION (PHOTOVAC TIP) 1-5 PPM

FREE PHASE PRODUCT ENCOUNTERED: SOME SHEEN ON THE GROUNDWATER

COMMENTS: [redacted] COARSE SANDS

Joe Lien

2 POOS AT THIS LOCATION
RIGHT UNDER THE ISLAND
THESE 2 TANKS ARE NOT ON
THE NOTIFICATION FORM

(9)

MEMORANDUM

TO: Mount Holly Store File

THRU: John Amadon, Soils Scientist

FROM: Richard F. Spiese, LUST Technician RFS

DATE: February 24, 1988

RE: Mount Holly Trip Report

On Monday, February 22, 1988, Greg Leech and I visited the Mount Holly Country Store in Mount Holly. The purpose of this trip was to ascertain the degree of soil contamination around a know LUST. A secondary purpose was to evaluate the store's basement recovery system.

The gasoline LUST was pulled with only minimal delays. Soils from the excavation and in the hole showed evidence of only mild contamination. Readings on the photovac TIP ranged from 1 - 5 ppm PID. The groundwater in the hole had a slight sheen on it. The soils in the area are coarse sands with gravel lenses.

Based on these findings I instructed the excavator to put the soils back into the hole. I do not foresee any problems at the site from this LUST.

The recovery system in the basement is still recovering product. The sorbent pads in the well were mostly saturated. Water under these pads had a slight sheen on it. Based on these observations I determined that Sherman Allen, Incorporated should continue to recover product from this well.

RFS/bl-h

DANIEL S. POALINO
VICE PRESIDENT-GENERAL MANAGER

Sherman V. Allen, Inc.
Distributor of Petroleum Products

126-128 Post St., Rutland, VT 05701 802-775-6628

MAR 10 1988

(10)

Sherman V. Allen, Inc.

Distributor of Petroleum Products

802 775 6720
EXECUTIVE OFFICES

253 South Main Street • Rutland, VT 05701

March 7, 1988

Mr. Richard Spiese
Agency of Natural Resources
Hazardous Materials
State of Vermont
103 S. Main St.
Waterbury, VT 05676

Re: Mt. Holly Country Store

Dear Mr. Spiese:

Pursuant to our conversation, enclosed is a copy of a sample analysis done on the above mentioned location. Total recovery of liquid from January 15, 1988 to March 2, 1988 is approximately Nineteen (19) gallons. Per day collection amount between one and one-half (1 1/2) pints presently. No discharge observed in the nearby stream.

Will continue observations and inspections and contact your office of any variation. Otherwise, I will speak with you in the coming weeks.

Sincerely,

Daniel S. Poalino
Vice President/General Manager
SHERMAN V. ALLEN, INC.

DSP/st
Enc.
cc: Peter J. Shambo, Chief Financial Officer

aquatec INC. ENVIRONMENTAL SERVICES

75 GREEN MOUNTAIN DRIVE, SOUTH BURLINGTON, VERMONT 05403, TELEPHONE (802) 658-1074

March 1, 1988

Mr. Peter Shambo
Sherman V. Allen, Inc.
253 South Main Street
Rutland, VT 05701

Re: Aquatec Project No. 88400, ETR No. 12890

Dear Mr. Shambo:

Enclosed is the result of a lead analysis performed on the top layer of a bi-layered liquid sample received at Aquatec on February 11, 1988.

It was determined that 3.2 mg/kg of lead was present in the top fuel layer. The fuel had a characteristic kerosene odor. Assuming that leaded gasoline was responsible for the lead content present, the data indicates that the gasoline concentration present in the fuel would be less than one percent.

Sincerely,

Joseph K. Comeau, Ph.D.
Laboratory Director

JKC/lam

Enclosure

aquatec
ENVIRONMENTAL SERVICES
75 Green Mountain Drive, So. Burlington, VT 05403
TEL. 802/658-1074

ANALYTICAL REPORT

Sherman Allen, Inc.
253 South Main St.
Rutland, VT 05701

Attn: Peter Shambo

Date: 2 March 1988
Project No: 88400
ETR No: 12890
Sample(s) Received On: 2/11/88
Page 1 of 1

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Parameter	80010
Lead in Fuel (mg/Kg)	3.2

Lab No.	Sample Description
80010.	Fuel/liquid sample received 2/11/88.

Submitted By: R. Mason Mallett

Aquatec Inc.

775-6629

(11) (182)

MEMORANDUM

TO: Mt. Holly Store site (file #182)

THRU: John Amadon, Soils Scientist

FROM: Richard Spiese, LUST Technician

DATE: March 29, 1988

RE: Trip Report

On March 24, 1988, I visited with Elroy Hill of Sherman V. Allen, Incorporated at the Mt. Holly County Store. The purpose of this visit was to discuss Sherman Allen's product recovery efforts.

The product recovery efforts at this site consist of a 24" slotted culvert placed in a hole in the basement of the store's floor. Product sorbent pads are placed in this hole and a representative of Sherman Allen would wring out the pads into a 55 gallon drum. To date, this process was being done daily. I discussed the recovery system and timetable with Elroy Hill and we decided the following schedule be followed:

week of	Number of visits to store
3/28 - 4/ 1	3
4/ 4 - 4/ 8	2
4/11 - 4/15	1

At the end of each week Elroy Hill will call me to discuss whether or not this recovery schedule should be modified.

We also checked the sorbent sausage boom in the stream behind the store. The sausage boom was completely saturated with product. Elroy Hill said he would change the boom and discard it with the six to eight saturated sorbent pads which we removed from the stream.

RFS/bl-h

JAN 19 1989

STATE OF VERMONT
AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL
CONSERVATION

RICHARD F. SPIESE
ENVIRONMENTAL TECHNICIAN

PETROLEUM MANAGEMENT SECTION
HAZARDOUS MATERIALS MANAGEMENT DIVISION
103 SOUTH MAIN STREET, WEST BUILDING
WATERBURY, VERMONT 05676 (802) 244-8702

aquatec INC. ENVIRONMENTAL SERVICES

75 GREEN MOUNTAIN DRIVE, SOUTH BURLINGTON, VERMONT 05403, TELEPHONE (802) 658-1074

March 1, 1988

Mr. Peter Shambo
Sherman V. Allen, Inc.
253 South Main Street
Rutland, VT 05701

Re: Aquatec Project No. 88400, ETR No. 12890

Dear Mr. Shambo:

Enclosed is the result of a lead analysis performed on the top layer of a bi-layered liquid sample received at Aquatec on February 11, 1988.

It was determined that 3.2 mg/kg of lead was present in the top fuel layer. The fuel had a characteristic kerosene odor. Assuming that leaded gasoline was responsible for the lead content present, the data indicates that the gasoline concentration present in the fuel would be less than one percent.

Sincerely,

Joseph K. Comeau, Ph.D.
Laboratory Director

JKC/lam

Enclosure

aquatec
ENVIRONMENTAL SERVICES
75 Green Mountain Drive, So. Burlington, VT 05403
TEL. 802/658-1074

ANALYTICAL REPORT

Sherman Allen, Inc.
253 South Main St.
Rutland, VT 05701

Attn: Peter Shambo

Date: 2 March 1988
Project No: 88400
ETR No: 12890
Sample(s) Received On: 2/11/88
Page 1 of 1

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Parameter	80010							
Lead in Fuel (mg/Kg)	3.2							

Lab No.	Sample Description
)10.	Fuel/liquid sample received 2/11/88.

Submitted By: R. Mason McAfee Aquatec Inc.

Getty

Sherman V. Allen, Inc.

Distributor of Petroleum Products

Box 100, Academy St., Fair Haven, VT 05743

A. P. ANDY BOISVERT
MARKETING REPRESENTATIVE

802-775-6628

OCT 11 1988

Industrial & Environmental Analysts, Inc.
P.O. Box 626 • Essex Junction, Vermont 05453 • 802-878-5138

LAB RESULTS

10/3/88

Sherman Y. Allen, Inc
Box 865, 126-128 Post Street
Rutland, Vermont 05701

IEA#: 245263
Date Received: 9/19/88
Date Collected: 9/19/88
Total Samples Received: 1
Total Parameters Requested: 1

Attention: **Andy Boisvert**

Reviewed & Approved by: Richard W Walden

Sa#	Sample I.D.	Parameter Studied	Results	Comments
1	S. Allen Water	GC Petroleum Hydrocarbons	54000ug/L	

Test results from Mt Holly Country Store.

State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
Natural Resources Conservation Council

AGENCY OF NATURAL RESOURCES
103 SOUTH MAIN STREET
Waterbury, Vermont 05676

Department of Environmental Conservation

January 23, 1989

Mr. Daniel S. Poalino
Sherman V. Allen, Inc.
126-128 Post Street
Rutland, Vermont 05701

Dear Mr. Poalino:

Subject: Closure of Mt. Holly Country Store Site

I am writing this letter to inform you that the Department of Environmental Conservation (DEC) feels that Sherman V. Allen has adhered to the understanding it had with the state of Vermont concerning the Mt. Holly Country Store. This means that the DEC has determined the following:

1. All of the recoverable free floating kerosene that could be recovered has been recovered.

2. Monitoring in the store basement and in the stream behind the store has shown that remediation efforts at the store have been successful.

Based on these findings, the DEC is closing this site. The closure of this site doesn't release Sherman V. Allen from any past or future liability which may arise from the petroleum contamination which originated from the leaking storage tank. The closure does mean that the DEC isn't requiring any additional work be performed at this site in response to the December 1987, leak. The DEC does recommend that, in the spirit of a good working relationship with its clients, Sherman V. Allen fill in the culvert in the basement of the Mt. Holly Country Store.

Please feel free to contact either myself or Richard Spiese with any further questions or concerns you may have (244-8702.)

Sincerely,

Cedric Sanborn, Chief
Petroleum Management Section

CS/RFS:bgc536

cc: Mr. and Mrs. Tom Mayo

AA-PUR 307

STATE OF VERMONT

~~OFFICE~~ **MEMO**

TO: Robin Morgan

FROM: Jane Middleton UST Program

DATE: 6/4/91

SUBJECT: Mt Holly Store

- ☐ APPROVAL
- ☐ SIGNATURE
- ☐ COMMENT
- ☐ REVIEW
- ☐ PREPARE REPLY FOR MY SIGNATURE
- ☐ YOUR ACTION REQUESTED BY THIS DATE
- ☐ NOTE AND SEE ME
- ☐ NOTE AND RETURN
- ☐ NOTE AND FILE
- ☐ FOR YOUR INFORMATION
- ☒ PER CONVERSATION
- ☐ AS REQUESTED
- ☐ NECESSARY ACTION
- ☐ GIVE ME THE FACTS
- ☐ SUGGESTIONS REQUESTED

REMARKS:

Here are the copies as requested.

Sorry do not have copys of test results. We (the state) only required them as from 3/1/89 for tanks ten years of age or older. See forms for reference to tests done.

State has a site file #880182 which refers to the gas tanks failure (Test done by Wyman of Montpelier now out of business) and also to a kerosene leak from an aboveground tank.

SITE FILE IS NOW CLOSED

Copies of incident reports enclosed.

RECEIVED JUN - 7 1991

(5)

CASE # _____

Department of Water Resources and
Environmental Engineering

Incident Report

Date/Time: 2/5/88 7:00 Person taking report Pete Reed

Location: Town/City: Mt Holly Country Store
Road, Street, Highway: _____
Address/Mile Marker: _____

Person Making Report
Name/Organization: John Scott S P Headquarters
Telephone #: 244-8727
Address: _____

Is this an emergency? no
Nature of Incident: leaking underground tank
Date/Time of Incident: 2/5/88
Type of Contaminant gasoline
Quantity of Contaminant ~~gallons~~ unk.
Responsible Parties
(owner)/operator: Marie Johnson 259-2268
shipper/consignee: _____
carrier/facility: _____
Other Information: inventory shows no loss - tanks failed tank test. Atlantic did test earlier in week and store filled with fumes. Wymans called S.P.

Case Assigned to Which Section: Lust/EAMS

Priority: High, (Medium) Low

Actions Taken:

cc to:

___ Dept of Health
___ Dept of Motor Vehicles
___ Dept of Agriculture
___ Dept of Labor & Industry
___ Emergency Management
___ Dept of Fish & Wildlife
___ U.S. EPA

Case Closed: Date: _____

(1)

CASE # 739-87

Department of Water Resources and
Environmental Engineering

Incident Report

Date/Time: 12/15 3:00pm Person taking report RTP

Location: Town/City: Mt Holly Stre
Road, Street, Highway: Rt 103
Address/Mile Marker: Flashing Light

Person Making Report
Name/Organization: Marin Johnson, Storeowner
Telephone #: 259-2368
Address: Rte 103

Is this an emergency? No
Nature of Incident: Kerosene leak from skid tank petal
Date/Time of Incident: on-going
Type of Contaminant Kerosene
Quantity of Contaminant Unknown
Responsible Parties
owner/operator: Elroy Hill - VT Texaco 775-4428 (Sherman Pike)
shipper/consignee:
carrier/facility:
Other Information:

Case Assigned to Which Section:

Priority: High (Medium) Low

Actions Taken: Absorbents put down to remove oil from river.
Soils to be removed and stored on plastic.
SRes person will screen soils

cc to:

___ Dept of Health
___ Dept of Motor Vehicles
___ Dept of Agriculture
___ Dept of Labor & Industry
___ Emergency Management
___ Dept of Fish & Wildlife
___ U.S. EPA

Case Closed: Date:

RECEIVED JUN - 7 1991

State of Vermont

AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation

Department of [illegible]
Department of [illegible]
Department of [illegible]
State Geologist
Natural Resources Conservation Council

Hazardous Materials Management Division
103 S. Main Street, West Building
Waterbury, Vermont 05671-0404

June 4, 1991

Fred Kelly
Dartmouth Bank
40 South Main
Hanover, NH 03755

Dear Mr. Kelly:

re: T & S Enterprises, Ltd.
dba Mount Holly Country Store, Mount Holly, VT
ID# 0001312-1211

I refer to previous correspondence between the Bank and the Department of Environmental Conservation concerning the above underground storage tank facility. A form letter regarding the annual testing requirement was recently mailed to all tank owners who have chosen that method for release detection.

A review of the facility file has brought to my attention the fact that the tank has now been out of service for one year. The permit to operate said tank issued by the Department on February 9, 1989, must be cancelled.

Pursuant to Section 8-605(2)(b) of the Vermont UST Regulations, the owner of an underground storage tank which has not been used for a period not to exceed one year shall permanently close the UST by removing all liquid and sludge, purging the tank, and removing it from the ground. A site assessment performed by a qualified consultants is required to be performed.

Should you have questions, please do not hesitate to contact me at (802) 244-8702.

Sincerely,

June Middleton
UST Permit Administrator

STATE OF VERMONT
AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

UNDERGROUND STORAGE TANK PERMIT

PART I — FACILITY PERMIT PAGE — PLEASE TYPE OR PRINT IN INK.

TANK OWNER

NAME: T + S ENTERPRISES Ltd. | PHONE: (802) 254-2268
MAILING ADDRESS: C/O Mt Holly Country Store, Route 103 | P.O. Box 60
CITY: Mt Holly | STATE: VT | ZIP CODE: 05758

TANK LOCATION

NAME: ~~SAME AS ABOVE~~ Mt Holly Country Store | PHONE: (802) 259-2268
MAILING ADDRESS: Commerce Road
CITY: Mt Holly | STATE: VT | ZIP CODE:

OPERATOR

NAME: SAME AS ABOVE - tank owner | PHONE: ( )
MAILING ADDRESS: dba - Mt Holly Country Store
CITY: | STATE: | ZIP CODE:

CONTACT PERSON

NAME: THOMAS MAYO | PHONE: ( )
MAILING ADDRESS: SAME AS ABOVE
CITY: | STATE: | ZIP CODE:

BACK-UP CONTACT

NAME: SHARON MAYO | PHONE: ( )
MAILING ADDRESS: SAME AS ABOVE
CITY: | STATE: | ZIP CODE:

TO REPORT A RELEASE:

CALL (802) 244-8702 MON.-FRI. 7:30 A.M. TO 4:30 P.M. OR 1-(800)-641-5005 MON.-FRI. 4:30 P.M. TO 7:30 A.M. AND WEEK-ENDS AND HOLIDAYS. (THIS NUMBER IS ONLY TO BE USED WHEN THE AGENCY OF NATURAL RESOURCES IS CLOSED AND ONLY FOR REPORTING RELEASES. DO NOT USE THIS NUMBER FOR GENERAL INFORMATION.)

TO REPORT A RELEASE:

CERTIFICATION: I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION PROVIDED ON THIS FORM AND ALL ATTACHED DOCUMENTS IS TRUE, ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

T + S Enterprises Ltd. — PRINTED NAME
President — TITLE
Thomas A. Mayo — SIGNATURE
11 / 4 / 89 — DATE

STATE USE ONLY

DATE PERMIT RECEIVED: 1-5-1989
DATE PERMIT ISSUED:
DATE PERMIT EXPIRES: 1-5-1994
NUMBER OF CATEGORY ONE TANKS: one
APPROVED BY: William E. Olsen
ID # 000312 - 121
CHECK # 1011
RECEIPT # 4656
AMOUNT PAID: 25 + 100

UNDERGROUND STORAGE TANK PERMIT

FACILITY ID# _____

PART 2 — TANK INFORMATION PAGE

TANK # 1

THIS PERMIT APPLICATION IS FOR AN **EXISTING** UST.
THIS FORM IS TO BE USED FOR RECORDING THE INFORMATION FOR **ONE UST ONLY**.
FILL OUT ADDITIONAL FORMS FOR EACH CATEGORY ONE UST AT THE FACILITY.

1. TANK AGE 1982 (YEAR INSTALLED)
PIPING AGE 1982 (YEAR INSTALLED)

2. TANK SIZE 2000 (U.S. GALLONS)

3. MATERIAL OF CONSTRUCTION

	TANK	PIPE
FIBERGLASS	☐	☐
STEEL	☒	☒
STEEL WITH NONCORROSIVE CLADDING	☐	☐
OTHER (SPECIFY) _____	☐	☐
UNKNOWN	☒	☒

4. CATHODIC PROTECTION

(Metal Tanks and Pipes Only)

TANK		PIPES	
STI-P3	☐	SACRIFICIAL ANODE	☐
IMPRESSED CURRENT	☐	IMPRESSED CURRENT	☐
NONE	☐	NONE	☐
UNKNOWN	☑	UNKNOWN	☐

5. SECONDARY CONTAINMENT

	TANK	PIPE		TANK	PIPE
DOUBLE WALL	☐	☐	IMPERVIOUS LINER	☐	☐
CUT OFF BARRIER	☐	☐	VAULT	☐	☐
ALTERNATIVE SYSTEM	☐	☐	SUCTION PUMP WITH VERTICAL CHECK VALVE	NA	☐

6. PRODUCT BEING STORED: GAS COLOR CODE: _____

7. OVERFILL AND SPILL PREVENTION:

BALL FLOAT VALVE (on gravity systems only)	☐
HIGH LIQUID LEVEL ALARM	☐
AUTOMATIC SHUT OFF DEVICE AT FILL PIPE	☐
CONTAINMENT MANHOLE	☐
OTHER (SPECIFY) _____	☐

8. ADDITIONAL MONITORING SYSTEM: THIS ONLY APPLIES TO EXISTING UST THAT

A. IS 10 YEARS OLD OR GREATER, **AND**,
B. DOES **NOT** MEET NEW CONSTRUCTION STANDARDS
PERMITTEE HAS UNTIL **MARCH 1, 1989** TO CHOOSE ONE OF THE FOLLOWING SYSTEMS.
CHECK IF ANY CURRENTLY APPLY.

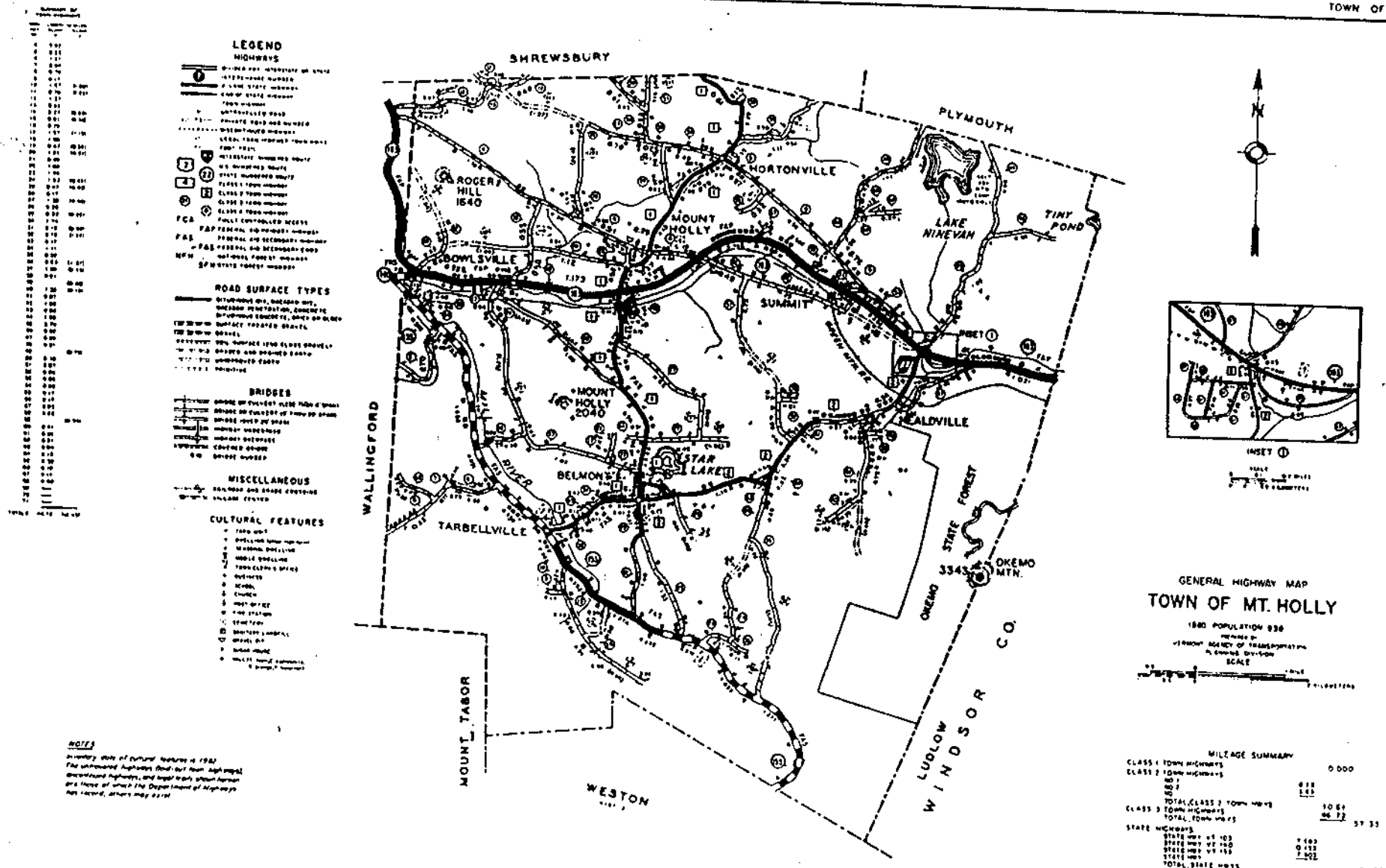
I. IN-TANK ELECTRONIC MONITOR ☐ _____ (specify manufacturer and model)

II. EXTERNAL MONITOR WELLS ☐ _____ (submit site plan showing location)

III. PRECISION TEST SCHEDULE ☑ UST _____ (name of testing company)

ID# 00032-1211

TOWN OF MT. HOL



NOTES

GENERAL HIGHWAY MAP

TOWN OF MT. HOLLY

1980 POPULATION 936

SCALE

MILEAGE SUMMARY

CLASS 1 TOWN HIGHWAYS		0.000
CLASS 2 TOWN HIGHWAYS		
		0.33
		1.43
TOTAL CLASS 2 TOWN HWYS		10.84
CLASS 3 TOWN HIGHWAYS		46.72
TOTAL TOWN HWYS		57.33
STATE HIGHWAYS		
		9.103
		0.133
		7.902
TOTAL STATE HWYS		
TOTAL TRAVELED HWYS, FEB 10, 1988		15.438 72.588

TRANSPORTATION DISTRICT NO 3

RUTLAND COUNTY VERMONT

b. If total gallonage sold is less than an average of 40,000 gallons/month (480,000 gallons/year), but more than an average of 20,000 gallons/month (240,000 gallons/year) the annual fee is $100.00 per tank.

c. If total gallonage sold is less than an average of 20,000 gallons per month (240,000 gallons/year) the fee is $100.00 per tank, but not more than $200.00 per facility.

Total Gallonage sold per month at this facility? _____

5. Determination of Tank Assessment Fee

Number of Category One tanks x Appropriate fee (Section 2, 3 or 4 above) = Assessment due

1 Tanks x $ 100 Fee/Tank = $ 100

ck 1071 4607

The amount shown in section 5 above is due to the state of Vermont and must be submitted to the state no later than November 15, 1988. Failure to pay the required fee by this date, will result in the above facility being shut down until proper evidence of financial responsibility is submitted to the state.

Checks should be made payable to:

Treasurer, State of Vermont

And send to:

State of Vermont
Agency of Natural Resources
Underground Storage Tank Program
103 South Main Street, West Building
Waterbury, Vermont 05676

For assistance in completing the above form, please contact the Underground Storage Tank Program at 244-8702.

PAYMENT OF ASSESSMENT FEE ENTITLES TANK OWNERS WHO ARE NOT IN SIGNIFICANT VIOLATION OF THEIR UST PERMIT ACCESS TO PETROLEUM CLEANUP FUND IN THE EVENT OF A RELEASE SUCH THAT THE FUND WOULD PAY:

(a) All uninsured corrective action costs, after the first $10,000 has been paid by the tank owner, up to $1 million per occurrence; and (b) All of the allowable third party bodily injury and property damage claims, again up to $1 million per occurrence.

AMENDED - NEW GAL. & - TANK #2 PULLED

FEB 19 1988

FEB 26 1988

VERMONT NOTIFICATION FOR UNDERGROUND STORAGE TANKS

- READ INSTRUCTION PAGE CAREFULLY BEFORE COMPLETING THIS FORM -

PLEASE TYPE OR PRINT IN INK ALL ITEMS EXCEPT "SIGNATURE" IN SECTION VI ON PAGE 2.
SEPARATE NOTIFICATION MUST BE FILED FOR TANKS OWNED AT A DIFFERENT LOCATION.
FOR ADDITIONAL INFORMATION, CALL THE VERMONT UNDERGROUND STORAGE TANK PROGRAM AT (802) 828-3395.

I. OWNERSHIP OF TANKS

NAME (CORPORATION, INDIVIDUAL, PUBLIC AGENCY OR OTHER ENTITY): T + S. ENTERPRISES LTD. INC.

STREET ADDRESS: P. O. BOX 50

TOWN OR CITY: MT. HOLLY | COUNTY: RUTLAND

STATE: VT. | ZIP CODE: 05758 | AREA CODE PHONE NUMBER: (802) 259-2368

II. CONTACT PERSON (PERSON RESPONSIBLE FOR DAY-TO-DAY OPERATION OF TANKS.)

NAME (IF SAME AS IN SECTION I, CHECK BOX HERE ☐): THOMAS OR SHARON MAYO

JOB TITLE: OWNER | AREA CODE PHONE NUMBER: (802) 259-2368

MAILING ADDRESS (IF DIFFERENT FROM SECTION I)

STREET ADDRESS: P. O. BOX 50

TOWN OR CITY: MT. HOLLY

COUNTY: RUTLAND | STATE: VT. | ZIP CODE: 05758

III. SITE LEAK HISTORY (COMPLETE THIS SECTION ONLY IF APPLICABLE)

YEAR OF LEAK: 1988 | ESTIMATE OF QUANTITY LEAKED IN GALLONS: _____

SUBSTANCE LEAKED: GASOLINE

SOURCE OF LEAK (CHECK ALL THAT APPLY)

☑ TANK ☐ PUMP ☐ OVERFILL
☐ PIPING ☐ TRANSFER ☐ OTHER _____

CONTAMINATION (CHECK ALL THAT APPLY)

	YES	NO	DON'T KNOW
SOIL	☐	☐	☑
GROUNDWATER	☐	☐	☑
SURFACE WATER	☐	☐	☑

CORRECTIVE ACTION (CHECK ALL THAT APPLY)

☐ PRODUCT RECOVERY WELLS INSTALLED
☐ SURFACE WATER CONTAINMENT USED
☐ CONTAMINATED SOIL EXCAVATED
☐ TANK REPLACED
☐ PIPING REPLACED
☐ NO ACTION TAKEN
☐ OTHER (SPECIFY) ~~TO BE REMOVED~~ SEE LUST 6B. ~~A.S.A.P.~~

S.I.C. #5801 89

IV. LOCATION OF TANKS

FACILITY NAME OR OTHER SITE IDENTIFIER, AS APPLICABLE: MT. HOLLY COUNTRY STORE

STREET ADDRESS, STATE ROAD, R.R. #, AS APPLICABLE: BELMONT RD.

TOWN OR CITY: MT. HOLLY | COUNTY: RUTLAND

STATE: VT. | ZIP CODE: 05758

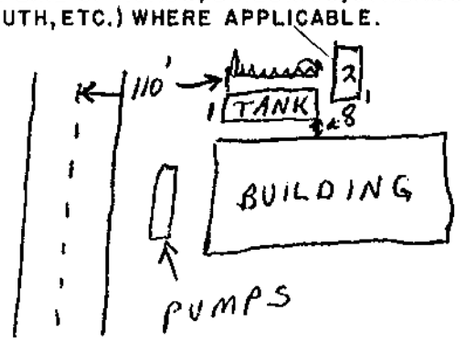
NUMBER OF TANKS AT THIS LOCATION: 2

NAME OF LANDOWNER: THOMAS + SHARON MAYO

TYPE OF FACILITY (CHECK ONE)

☐ INSTITUTIONAL ☒ RETAIL/CONVENIENCE STORE
☐ BULK PLANT ☐ INDUSTRIAL/COMMERCIAL
☐ STATE ☐ RESIDENTIAL
☐ TOWN ☐ SERVICE STATION
☐ FARM
☐ FEDERAL (GIVE FACILITY I.D. NO. _____)
☐ OTHER (SPECIFY) _____

USE THIS SPACE TO SKETCH AND/OR VERBALLY DESCRIBE FACILITY LOCATION. INCLUDE ESTIMATED DISTANCES TO CENTER LINE OF ROADS, BUILDINGS, STREAMS AND OTHER LANDMARKS. USE DIRECTIONAL DESCRIPTORS (NORTH, SOUTH, ETC.) WHERE APPLICABLE.



LOCAL USE ONLY

FACILITY I.D. NO. 0001312 WAS RECORDED ON Feb. 26, 1988 (DATE) IN BOOK NO. 41, PAGE 271-272 OF THE Mount Holly (TOWN) LAND RECORDS.

Susan C Covalla

SIGNATURE OF TOWN ~~OR CITY~~ OFFICER

STATE USE ONLY

☐ FIRST ☒ AMENDED

FACILITY IDENTIFICATION NUMBER: 0001312

DATE RECEIVED: 3-11-88 | APPROVED: 3/14/ ☐

RECEIVED BY: Joan Alexander

OWNER NAME THOMAS+SHARON MAYO (FROM SECTION I)

INDICATE NUMBER OF COPIES OF PAGE 2 ATTACHED [2]

V. TANK INFORMATION (COMPLETE FOR EACH TANK AT THIS LOCATION)

NUMBER TANKS SEQUENTIALLY (START WITH TANK CLOSEST TO BUILDING, IF POSSIBLE)		TANK NO. 1	TANK NO. 2	TANK NO.	TANK NO.	TANK NO.
1. STATUS OF TANK (CHECK ONE)	CURRENTLY IN USE	✓				
	TEMPORARILY OUT OF USE					
	PERMANENTLY OUT OF USE		✓			
2. ESTIMATED AGE IN YEARS		6?	12?			
3. TOTAL CAPACITY (GALLONS)		2000	2000			
4. MATERIAL OF CONSTRUCTION (CHECK ONE)	STEEL	✓	✓			
	CONCRETE					
	FIBERGLASS REINFORCED PLASTIC					
	OTHER (SPECIFY)					
	UNKNOWN					
5. INTERNAL PROTECTION (CHECK ALL THAT APPLY)	LINING (E.G. EPOXY RESINS)					
	OTHER (SPECIFY)					
	NONE					
	UNKNOWN	✓	✓			
6. EXTERNAL PROTECTION (CHECK ALL THAT APPLY)	CATHODIC PROTECTION					
	PAINTED COATING (E.G. ASPHALTIC)					
	FIBERGLASS REINFORCED PLASTIC COATED					
	OTHER (SPECIFY)					
	NONE					
	UNKNOWN	✓	✓			
7. SECONDARY CONTAINMENT (CHECK ONE)	DOUBLE-WALL TANK					
	CONCRETE VAULT					
	IMPERVIOUS LINER					
	OTHER (SPECIFY)					
	NONE	✓	✓			
	UNKNOWN					
8. LEAK DETECTION (CHECK ALL THAT APPLY)	DAILY INVENTORY CONTROL					
	CONTINUOUS SENSOR					
	ELECTRONIC IN-TANK SYSTEM					
	GROUNDWATER MONITORING WELL					
	* PRECISION TEST (ENTER MO./YR. IF WITHIN LAST 5 YRS.)	☑ 1/88	☑ 1/88	☐ /	☐ /	☐ /
* A PRECISION TEST IS NOT AN AIR PRESSURE TEST. BY DEFINITION, A PRECISION TEST IS ACCURATE TO .05 GAL./HR.	OTHER (SPECIFY)					
	NONE					
9. PIPING (CHECK ALL THAT APPLY)	BARE STEEL					
	GALVANIZED STEEL	✓				
	BLACK IRON					
	FIBERGLASS REINFORCED PLASTIC					
	CATHODICALLY PROTECTED					
	OTHER (SPECIFY)					
	UNKNOWN	✓	✓			
10. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME (CHECK ALL THAT APPLY)	GASOLINE (INCL. ALCOHOL BLENDS)	✓	✓			
	DIESEL					
	NOS. 2 OR 4 FUEL OIL					
	NOS. 5 OR 6 FUEL OIL					
	AVIATION FUEL					
	KEROSENE					
	USED OIL					
	OTHER PETROLEUM SUBSTANCE (SPECIFY)					
	HAZARDOUS SUBSTANCE (GIVE NAME OR CAS NO.)					
	MIXTURE OF SUBSTANCES					
	UNKNOWN					
11. ADDITIONAL INFORMATION FOR TANKS TAKEN PERMANENTLY OUT OF SERVICE	(A) ESTIMATED DATE LAST USED (MO./YR.)	/	12/87 ?	/	/	/
	(B) ESTIMATED QUANTITY LEFT STORED (GAL.)					

VI. SIGNATURE

I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION PROVIDED ON THIS FORM AND ALL ATTACHED DOCUMENTS IS TRUE, ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

THOMAS S. MAYO PRES. + TREAS.

PRINTED NAME AND OFFICIAL TITLE OF OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

Thomas S. Mayo — SIGNATURE

2/18/88 — DATE SIGNED

APR 20 1987 APR 14 1987 PAGE 1

VERMONT NOTIFICATION FOR UNDERGROUND STORAGE TANKS

- READ INSTRUCTION PAGE CAREFULLY BEFORE COMPLETING THIS FORM -

PLEASE TYPE OR PRINT IN INK ALL ITEMS EXCEPT "SIGNATURE" IN SECTION VI ON PAGE 2.
SEPARATE NOTIFICATION MUST BE FILED FOR TANKS OWNED AT A DIFFERENT LOCATION.
FOR ADDITIONAL INFORMATION, CALL THE VERMONT UNDERGROUND STORAGE TANK PROGRAM AT (802) 828-3395.

I. OWNERSHIP OF TANKS

NAME (CORPORATION, INDIVIDUAL, PUBLIC AGENCY OR OTHER ENTITY)
Johnson Properties Inc.

STREET ADDRESS
P.O. Box 72

TOWN OR CITY: Mt. Holly | COUNTY: Rutland

STATE: Vt. | ZIP CODE: 05758 | AREA CODE: (802) | PHONE NUMBER: 259-2368

II. CONTACT PERSON (PERSON RESPONSIBLE FOR DAY-TO-DAY OPERATION OF TANKS)

NAME (IF SAME AS IN SECTION I, CHECK BOX HERE ☐)
Donald or Marie Johnson

JOB TITLE: Owner | AREA CODE: (802) | PHONE NUMBER: 259-2368

MAILING ADDRESS (IF DIFFERENT FROM SECTION I)

STREET ADDRESS
P.O. Box 72

TOWN OR CITY
Mt. Holly

COUNTY: Rutland | STATE: Vt. | ZIP CODE: 05758

III. SITE LEAK HISTORY (COMPLETE THIS SECTION ONLY IF APPLICABLE)

YEAR OF LEAK | ESTIMATE OF QUANTITY LEAKED IN GALLONS _____

SUBSTANCE LEAKED

SOURCE OF LEAK (CHECK ALL THAT APPLY)

☐ TANK ☐ PUMP ☐ OVERFILL
☐ PIPING ☐ TRANSFER ☐ OTHER _____

CONTAMINATION (CHECK ALL THAT APPLY)

	YES	NO	DON'T KNOW
SOIL	☐	☐	☐
GROUNDWATER	☐	☐	☐
SURFACE WATER	☐	☐	☐

CORRECTIVE ACTION (CHECK ALL THAT APPLY)

☐ PRODUCT RECOVERY WELLS INSTALLED
☐ SURFACE WATER CONTAINMENT USED
☐ CONTAMINATED SOIL EXCAVATED
☐ TANK REPLACED
☐ PIPING REPLACED
☐ NO ACTION TAKEN
☐ OTHER (SPECIFY) _____

IV. LOCATION OF TANKS

FACILITY NAME OR OTHER SITE IDENTIFIER, AS APPLICABLE
Mt. Holly Country Store

STREET ADDRESS, STATE ROAD, R.R. #, AS APPLICABLE
Belmont Rd.

TOWN OR CITY: Mt Holly | COUNTY: Rutland

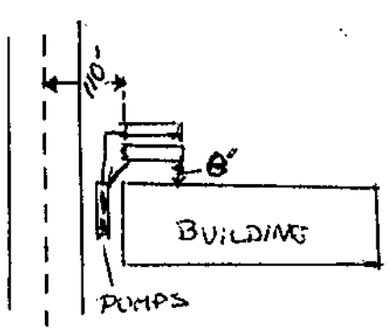
STATE: Vt. | ZIP CODE: 05758 | NUMBER OF TANKS AT THIS LOCATION: 2

NAME OF LANDOWNER
Donald & Marie Johnson

TYPE OF FACILITY (CHECK ONE)

☐ INSTITUTIONAL ☒ RETAIL/CONVENIENCE STORE
☐ BULK PLANT ☐ INDUSTRIAL/COMMERCIAL
☐ STATE ☐ RESIDENTIAL
☐ TOWN ☐ SERVICE STATION
☐ FARM
☐ FEDERAL (GIVE FACILITY I.D. NO. _____)
☐ OTHER (SPECIFY) _____

USE THIS SPACE TO SKETCH AND/OR VERBALLY DESCRIBE FACILITY LOCATION. INCLUDE ESTIMATED DISTANCES TO CENTER LINE OF ROADS, BUILDINGS, STREAMS AND OTHER LANDMARKS. USE DIRECTIONAL DESCRIPTORS (NORTH, SOUTH, ETC.) WHERE APPLICABLE.



LOCAL USE ONLY

FACILITY I.D. NO. 000 1312 WAS RECORDED ON April 28, 1987 (DATE) IN BOOK NO. 40, PAGE 121 OF THE Mount Holly (TOWN) LAND RECORDS.

Joan C Coralla
SIGNATURE OF TOWN OR CITY OFFICER

STATE USE ONLY

☑ FIRST ☐ AMENDED _____

FACILITY IDENTIFICATION NUMBER
0001312

DATE RECEIVED: 4/14/87 | APPROVED: 4/24/84 ☐

RECEIVED BY: Christine B Miller

TANK PULL FORM

TODAYS DATE: FEB 22, 1988

DATE OF REMOVAL: SAME

INSPECTOR: G. LEECH

BUSINESS NAME: MT. HOLLY GENERAL STORE RUTLAND COUNTY

ADDRESS OF BUSINESS: RT. 103 - MT. [redacted] HOLLY (BELMONT RD.)

OWNER OF TANKS: DONALD AND MARIE JOHNSON

ADDRESS OF OWNER: PO BOX 72, MT. HOLLY

TANK#	PRODUCT	SIZE	CONDITION
1	GAS	2000	POOR - LUST(?)
2			
3			
4			
5			
6			
7			
8			

REPLACEMENTS? NO

MONITOR WELLS OR OTHER REMEDIATION INSTLALLED? NO

CONTAMINATED SOILS: NO AMOUNT: —

MOVED TO: USED AS FILL

DEGREE OF CONTAMINATION (PHOTOVAC TIP) 1-5 PPM

FREE PHASE PRODUCT ENCOUNTERED: SOME SHEEN ON THE GROUNDWATER

COMMENTS: [redacted] COARSE SANDS

c/s Rutland

2 → POOS AT THIS LOCATION
RIGHT UNDER THE ISLAND
THESE 2 TANKS ARE NOT ON
THE NOTIFICATION FORM

OWNER NAME Johnson Properties Inc. (FROM SECTION I)

INDICATE NUMBER OF COPIES OF PAGE 2 ATTACHED: 1

V. TANK INFORMATION (COMPLETE FOR EACH TANK AT THIS LOCATION)

NUMBER TANKS SEQUENTIALLY (START WITH TANK CLOSEST TO BUILDING, IF POSSIBLE)		TANK NO. 1	TANK NO. 2	TANK NO.	TANK NO.	TANK NO.
1. STATUS OF TANK (CHECK ONE)	CURRENTLY IN USE	X	X			
	TEMPORARILY OUT OF USE					
	PERMANENTLY OUT OF USE					
2. ESTIMATED AGE IN YEARS		3	12			
3. TOTAL CAPACITY (GALLONS)		2,000	2,000			
4. MATERIAL OF CONSTRUCTION (CHECK ONE)	STEEL	X	X			
	CONCRETE					
	FIBERGLASS REINFORCED PLASTIC					
	OTHER (SPECIFY)					
	UNKNOWN					
5. INTERNAL PROTECTION (CHECK ALL THAT APPLY)	LINING (E.G. EPOXY RESINS)					
	OTHER (SPECIFY)					
	NONE					
	UNKNOWN	X	X			
6. EXTERNAL PROTECTION (CHECK ALL THAT APPLY)	CATHODIC PROTECTION					
	PAINTED COATING (E.G. ASPHALTIC)	X	X			
	FIBERGLASS REINFORCED PLASTIC COATED					
	OTHER (SPECIFY)					
	NONE					
	UNKNOWN					
7. SECONDARY CONTAINMENT (CHECK ONE)	DOUBLE-WALL TANK					
	CONCRETE VAULT					
	IMPERVIOUS LINER					
	OTHER (SPECIFY)					
	NONE					
	UNKNOWN	X	X			
8. LEAK DETECTION (CHECK ALL THAT APPLY)	DAILY INVENTORY CONTROL	X	X			
	CONTINUOUS SENSOR					
	ELECTRONIC IN-TANK SYSTEM					
	GROUNDWATER MONITORING WELL					
	* PRECISION TEST (ENTER MO./YR. IF WITHIN LAST 5 YRS.)	☐ /	☐ /	☐ /	☐ /	☐ /
* A PRECISION TEST IS NOT AN AIR PRESSURE TEST. BY DEFINITION, A PRECISION TEST IS ACCURATE TO .05 GAL./HR.	OTHER (SPECIFY)					
	NONE					
9. PIPING (CHECK ALL THAT APPLY)	BARE STEEL					
	GALVANIZED STEEL	X	X			
	BLACK IRON					
	FIBERGLASS REINFORCED PLASTIC					
	CATHODICALLY PROTECTED					
	OTHER (SPECIFY)					
	UNKNOWN					
10. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME (CHECK ALL THAT APPLY)	GASOLINE (INCL. ALCOHOL BLENDS)	X	X			
	DIESEL					
	NOS. 2 OR 4 FUEL OIL					
	NOS. 5 OR 6 FUEL OIL					
	AVIATION FUEL					
	KEROSENE					
	USED OIL					
	OTHER PETROLEUM SUBSTANCE (SPECIFY)					
	HAZARDOUS SUBSTANCE (GIVE NAME OR CAS. NO.)					
	MIXTURE OF SUBSTANCES					
	UNKNOWN					
11. ADDITIONAL INFORMATION FOR TANKS TAKEN PERMANENTLY OUT OF SERVICE	(A) ESTIMATED DATE LAST USED (MO./YR.)	/	/	/	/	/
	(B) ESTIMATED QUANTITY LEFT STORED (GAL.)					

VI. SIGNATURE

I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION PROVIDED ON THIS FORM AND ALL ATTACHED DOCUMENTS IS TRUE, ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Donald G. Johnson — President

PRINTED NAME AND OFFICIAL TITLE OF OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

Donald G. Johnson — 12-23-85

SIGNATURE — DATE SIGNED

APPENDIX C

APPENDIX C

FIELD PROCEDURES

Test borings

The test borings were generally performed in accordance with ASTM method D1452 using 4-1/4-inch I.D. hollow-stem auger drilling techniques with no water or drilling fluid being introduced into the borehole during drilling. The soil samples were generally obtained in accordance with ASTM method D1586 at 5-foot intervals using a 24-inch split spoon sampler driven by a 140-pound hammer free-falling a distance of approximately 30 inches. The number of blows required to drive the sampler each 6-inch increment over the 24-inch interval was recorded. The sum of the blows for the interval from 6 to 18 inches is referred to as the Standard Penetration Test (SPT) N-value and gives an indication of the density of the soil. The soil samples collected during drilling were placed in glass jars with Teflon-lined caps for future reference.

Field Screening of Soils

The soil samples collected during drilling were screened for total concentrations of volatile organic compounds (VOCs) using a MicroTIP organic vapor meter (OVM) equipped with a photoionization detector. The tightly-capped soil samples were allowed to equilibrate to room temperature. Immediately prior to screening, the jar sample was shaken vigorously for approximately 30 seconds. A measurement of the total VOCs within the headspace of the jar sample was then obtained by loosening the cap, slightly lifting one side of the cap, and inserting the OVM probe tip between the lip of the jar and the cap. The maximum OVM reading was recorded and the cap was placed back on the jar.

Groundwater Monitoring Well Installations

Groundwater monitoring wells were installed in selected test borings upon completion of the borings. The wells consisted of 2-inch I.D. Schedule 40 PVC well screen and riser pipe. The well screen consisted of 0.010-inch machine-slotted sections of PVC pipe. The threaded PVC well sections were joined without the use of cement or glue. A clean filter sand was placed surrounding the well screen. An approximately one-foot thick bentonite seal was placed above the filter sand to limit the potential infiltration of water along the well. Formation material was then backfilled into the borehole to the ground surface. Each well was completed with a steel curb box to protect the well from tampering and vandalism. A concrete surface seal was placed around each well installation upon completion. Details of the monitoring well construction are included on the boring logs included in this report.

Water Sampling Procedures

Groundwater levels were measured in each well prior to sampling using a Solinst electronic water level indicator. The wells were purged of at least three times the standing volume of water in the wells using a centrifugal pump. After purging the wells, groundwater samples were collected using pre-cleaned high density polyethylene (HDPE) disposable bailers. Separate bailers were used for each well to limit the potential for cross-contamination. The first bailer volume was observed for the possible presence of a floating product layer. No floating product layer was observed in any of the wells. The water samples were placed in appropriate sample containers supplied by the laboratory and placed in an ice-filled cooler for delivery to the laboratory.

APPENDIX D

NOBIS ENGINEERING, INC.
CONCORD • NEW HAMPSHIRE

PROJECT
Mt. Holly Country Store
Mt. Holly, Vermont

BORING NO. MW-1
SHEET 1 of 1
FILE NO. 91-310
CHKD. BY RBK

BORING Co. New Hampshire Boring, Inc.
DRILLER J. Michaud
ENGINEER K. Koornneef

BORING LOCATION See Exploration Location Plan
GROUND SURFACE ELEV. DATUM
DATE START 6/7/91 DATE END 6/7/91

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30".
Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24".
Casing Size: Other: 4-1/4-inch I.D. hollow-stem auger

Groundwater Readings

Date	Time	Depth	Casing	Stabilization Time
6/9	--	2.4'	well	2 days

DEPTH	SAMPLE No.	PEN/ REC.	DEPTH (ft.)	BLOWS / 6"	SAMPLE DESCRIPTION BURMISTER / (USCS) CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
	A-1	--	0-2	--	Grey, fine to medium SAND, little Gravel, little Silt. (auger cuttings sample)	FILL 3'	Curb Box; 2' Bentonite Seal	
5	S-1	24/10	5-7	21-28	Dense, olive-brown, fine SAND, some Silt, some Gravel.	TILL	2" PVC well screen; Filter sand	1
				15-17				
10	S-2	24/10	10-12	7-16	Dense, olive-brown, fine SAND, some Clayey-Silt, some Gravel.	12'	12'	
				22-23	Bottom of boring at 12'			
15								
20								
25								
30								
35								

REMARKS:
1) Groundwater first noted at approximately 4.5 feet.

NOTES:
1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.

NOBIS ENGINEERING, INC.
CONCORD • NEW HAMPSHIRE

PROJECT
Mt. Holly Country Store
Mt. Holly, Vermont

BORING NO. B-2A
SHEET 1 of 1
FILE NO. 91-310
CHKD. BY RBK

BORING Co. New Hampshire Boring, Inc.
DRILLER J. Michaud
ENGINEER K. Koornneef

BORING LOCATION See Exploration Location Plan
GROUND SURFACE ELEV. ____ DATUM ____
DATE START 6/7/91 DATE END 6/7/91

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30".
Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24".
Casing Size: Other: 4-1/4-inch I.D. hollow-stem auger

Groundwater Readings

Date	Time	Depth	Casing	Stabilization Time
6/9	--	dry	5'	none

DEPTH	SAMPLE No.	PEN/ REC.	DEPTH (ft.)	BLOWS / 6"	SAMPLE DESCRIPTION BURMISTER / (USCS) CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
	A-1	--	0-2	--	Grey, fine to medium SAND, little Gravel, trace Silt. (Auger cuttings sample)	FILL		
5	S-2	6/0	4-4.5	100	No recovery.	5'		
					Auger refusal at 5'; boring terminated.			
10								
15								
20								
25								
30								
35								

REMARKS:

NOTES:
1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.

NOBIS ENGINEERING, INC. CONCORD • NEW HAMPSHIRE	PROJECT: Mt. Holly Country Store, Mt. Holly, Vermont	BORING NO. B-2B; SHEET 1 of 1; FILE NO. 91-310; CHKD. BY RBK

BORING Co. New Hampshire Boring, Inc.
DRILLER J. Michaud
ENGINEER K. Koornneef

BORING LOCATION See Exploration Location Plan
GROUND SURFACE ELEV. _____ DATUM _____
DATE START 6/7/91 DATE END 6/7/91

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30".
Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24".
Casing Size: Other: 4-1/4-inch I.D. hollow-stem auger

Groundwater Readings

Date	Time	Depth	Casing	Stabilization Time

DEPTH	SAMPLE No.	SAMPLE PEN/REC.	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	SAMPLE DESCRIPTION BURMISTER/(USCS) CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
	A-1	--	0-2	--	Grey, fine to medium SAND, little Gravel, trace Silt. (Auger cuttings sample)	FILL 3'		1
					Boring terminated at 3'. See notes below.			2
								3
10								
15								
20								
25								
30								
35								

REMARKS:
1) Encountered and punctured apparent UST at 3 feet.
2) The apparent UST appeared to contain soil fill to a depth of 5 feet below the ground surface. No liquid product was observed.
3) A temporary cover was placed over the puncture and the borehole was backfilled. An asphalt seal was placed at the ground surface.

NOTES:
1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.

NOBIS ENGINEERING, INC.
CONCORD • NEW HAMPSHIRE

PROJECT
Mt. Holly Country Store
Mt. Holly, Vermont

BORING NO. B-2C, MW-2
SHEET 1 of 1
FILE NO. 91-310
CHKD. BY RBK

BORING Co. New Hampshire Boring, Inc.
DRILLER J. Michaud
ENGINEER K. Koornneef
BORING LOCATION See Exploration Location Plan
GROUND SURFACE ELEV. ____ DATUM ____
DATE START 6/7/91 DATE END 6/7/91

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30".
Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24".
Casing Size: Other: 4-1/4-inch I.D. hollow-stem auger

Groundwater Readings

Date	Time	Depth	Casing	Stabilization Time
6/9	--	6.6'	well	2 days

DEPTH	SAMPLE No.	PEN/REC.	DEPTH (ft.)	BLOWS/6"	SAMPLE DESCRIPTION BURMISTER/(USCS) CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
	A-1	--	0-2	--	Grey, fine SAND, some Gravel, trace Silt. (auger cuttings sample)	FILL	Curb Box; 2' Bentonite seal	
						4'		
5	S-1	6/0	4-4.5	100		TILL	2" PVC well screen; Filter sand	1
10								
	S-2	24/12	10-12	8-25	Very dense, olive-brown, fine SAND,			
				46-16	some Gravel, some Clayey-Silt.	12'	12'	
15					Bottom of boring at 12'			
20								
25								
30								
35								

REMARKS:
1) Groundwater first noted at approximately 5 feet.

NOTES:
1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.

NOBIS ENGINEERING, INC.
CONCORD • NEW HAMPSHIRE

PROJECT
Mt. Holly Country Store
Mt. Holly, Vermont

BORING NO. MW-3
SHEET 1 of 1
FILE NO. 91-310
CHKD. BY RBK

BORING Co. New Hampshire Boring, Inc.
DRILLER J. Michaud
ENGINEER K. Koornneef

BORING LOCATION See Exploration Location Plan
GROUND SURFACE ELEV. DATUM
DATE START 6/7/91 DATE END 6/7/91

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30".
Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24".
Casing Size: Other: 4-1/4-inch I.D. hollow-stem auger

Groundwater Readings

Date	Time	Depth	Casing	Stabilization Time
6/9	--	6.5'	well	2 days

DEPTH	SAMPLE No.	PEN/REC.	DEPTH (ft.)	BLOWS/6"	SAMPLE DESCRIPTION / BURMISTER / (USCS) CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
	A-1	--	0-2	--	Grey-grown, fine to medium SAND, little Gravel, trace Silt. (auger cuttings sample)		Curb Box Bentonite seal Solid PVC riser	
5						FILL	3.5'	
	S-1	24/6	5-7	4-4	Loose, grey, fine SAND, little Gravel, little Silt.		2" PVC well screen	
				4-4		8'		1
10							Filter sand	
	S-2	24/12	10-12	15-17	Dense, olive-brown, fine SAND, some Clayey-Silt, some Gravel.	TILL		
				14-14		13.5'		
15					Auger refusal at 13.5' Boring terminated at 13.5'		13.5'	
							Filter sand	
20								
25								
30								
35								

REMARKS:
1) Groundwater first noted at approximately 7 feet.

NOTES:
1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.

NOBIS ENGINEERING, INC.
CONCORD • NEW HAMPSHIRE

PROJECT
Mt. Holly Country Store
Mt. Holly, Vermont

BORING NO. MW-4
SHEET 1 of 1
FILE NO. 91-310
CHKD. BY RBK

BORING Co. New Hampshire Boring, Inc.
DRILLER J. Michaud
ENGINEER K. Koornneef

BORING LOCATION See Exploration Location Plan
GROUND SURFACE ELEV. DATUM
DATE START 6/7/91 DATE END 6/7/91

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30".
Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24".
Casing Size: Other: 4-1/4-inch I.D. hollow-stem auger

Groundwater Readings

Date	Time	Depth	Casing	Stabilization Time
6/9	--	3.6'	well	2 days

DEPTH	SAMPLE No.	PEN/ REC.	DEPTH (ft.)	BLOWS / 6"	SAMPLE DESCRIPTION BURMISTER / (USCS) CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
	A-1	--	0-2	--	Dark grey, fine SAND, little Silt, trace Gravel. (auger cuttings sample)	FILL 3'	Curb Box; Bentonite seal; 2.5'; 2" PVC well screen	
5	S-1	24/10	5-7	37-45	Very dense, grey, fine to coarse SAND, and Gravel, trace Silt.	SAND & GRAVEL	Filter sand; 7.5'	1
				62-30				
10	S-2	24/12	10-12	13-32	Very dense, grey, fine to medium SAND, some Gravel, little Silt.	9' TILL 10'		
				65-40	Bottom of boring at 10'			
15								
20								
25								
30								
35								

REMARKS:
1) Groundwater first noted at approximately 4 feet.

NOTES:
1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.

APPENDIX E

AQUARIAN ANALYTICAL INC.
Laboratory Services
P.O. Box 186
Canterbury, N.H. 03224
603-783-9097

June 13, 1991

Mr. Roger Keilig
Nobis Engineering, Inc.
6 Chenell Dr. Suite 200
Concord, N.H. 03301

Dear Mr. Keilig:

Enclosed you will find the reports and the bills for the samples that we received on June 10th from the Mt. Holly Vermont site, file number 91-310.

Three of the samples contained BTEX and/or MTBE compounds at moderate levels, they also contained other 'petroleum hydrocarbons' typical of gasoline contamination. No chlorinateds were seen. The one stream sample contained only a trace of m&p Xylene, and o-Xylene at less than 1 ppb, which was not reported.

If you have any questions about the results or the bills, please give us a call. Thank you for your patronage.

Sincerely,

Kathleen S. Rice

AQUARIAN ANALYTICAL INC.
Laboratory Services
P.O. Box 186
Canterbury, N.H. 03224
603-783-9097

Volatile Organic Report
06-12-91,19:18
Sample 1696

Date Sampled = 06-09-91,17:00
Date Logged In = 06-10-91,14:32
Date of Analysis = 06-12-91
Sampler = R.K.
Location = #91-310, MW-1
Town = MT. HOLLY

Organic Compound	Result (ppb)	Det. Lim. (ppb)	MCL
Bromodichloromethane	BD	1	- | -> 100 Tot. THM
Chlorodibromomethane	BD	1	
Bromoform	BD	1	
Chloroform	BD	1	- |
Carbon Tetrachloride	BD	1	5
dichloromethane	BD	2	5
1,1-dichloroethane	BD	1	
1,2-dichloroethane	BD	1	5
1,1,1-trichloroethane	BD	1	200
1,1,2-trichloroethane	BD	1	5
1,1-dichloroethylene	BD	1	7
Trichloroethylene	BD	1	5
Tetrachloroethylene	BD	1	5
1,2-Dichloroethylene (c)	BD	1	70c
1,2-Dichloroethylene (t)	BD	1	100t
Chloroethane	BD	1	
Vinylchloride	BD	1	2
Bromomethane	BD	5	
Chloromethane	BD	5	
Trichlorofluoromethane	BD	1	
Benzene	BD	1	5
Toluene	BD	1	2000
Ethylbenzene	BD	1	700
m&p-Xylene	BD	1	- | 10000
o-Xylene	BD	1	- | Tot.(o+m+p)
Chlorobenzene	BD	1	100
1,2-dichlorobenzene	BD	2	600
1,3-dichlorobenzene	BD	2	
1,4-dichlorobenzene	BD	2	75
1,2,4-trichlorobenzene	BD	2	9
Styrene	BD	1	5
Acetone	BD	50	
Tetrahydrofuran	BD	25	
Diethylether	BD	15	
Methyl t-butyl ether	BD	3	
Methyl isobutyl ketone	BD	25	
Methyl ethyl ketone	BD	25	
Carbon Disulfide	BD	2	
1,1,2-trichloro 1,2,2-trifluoroethane	BD	1	

Comments:

Method of Analyses = EPA-624
Certified - N.H., Conn., Mass., Maine, EPA-624/524
BD = Below Detection Limit - The above analyses included compounds not listed on this page. Results are in parts per billion (ppb) unless noted.

AQUARIAN ANALYTICAL INC.
Laboratory Services
P.O. Box 186
Canterbury, N.H. 03224
603-783-9097

Volatile Organic Report
06-12-91,19:18
Sample 1697

Date Sampled = 06-09-91,17:00
Date Logged In = 06-10-91,14:35
Date of Analysis = 06-12-91
Sampler = R.K.
Location = #91-310, MW-2
Town = MT. HOLLY

Organic Compound	Result (ppb)	Det. Lim. (ppb)	MCL
Bromodichloromethane	BD	50	-> 100 Tot. THM
Chlorodibromomethane	BD	50	
Bromoform	BD	50	
Chloroform	BD	50	
Carbon Tetrachloride	BD	50	5
dichloromethane	BD	100	5
1,1-dichloroethane	BD	50	
1,2-dichloroethane	BD	50	5
1,1,1-trichloroethane	BD	50	200
1,1,2-trichloroethane	BD	50	5
1,1-dichloroethylene	BD	50	7
Trichloroethylene	BD	50	5
Tetrachloroethylene	BD	50	5
1,2-Dichloroethylene (c)	BD	50	70c
1,2-Dichloroethylene (t)	BD	50	100t
Chloroethane	BD	50	
Vinylchloride	BD	50	2
Bromomethane	BD	250	
Chloromethane	BD	250	
Trichlorofluoromethane	BD	50	
Benzene	87	50	5
Toluene	129	50	2000
Ethylbenzene	< 50	50	700
m&p-Xylene	383	50	10000
o-Xylene	207	50	Tot.(o+m+p)
Chlorobenzene	BD	50	100
1,2-dichlorobenzene	BD	100	600
1,3-dichlorobenzene	BD	100	
1,4-dichlorobenzene	BD	100	75
1,2,4-trichlorobenzene	BD	100	9
Styrene	BD	50	5
Acetone	BD	2500	
Tetrahydrofuran	BD	1250	
Diethylether	BD	750	
Methyl t-butyl ether	BD	150	
Methyl isobutyl ketone	BD	1250	
Methyl ethyl ketone	BD	1250	
Carbon Disulfide	BD	100	
1,1,2-trichloro 1,2,2-trifluoroethane	BD	50	

Comments:

Other petroleum hydrocarbons were present.

Method of Analyses = EPA-624
Certified - N.H., Conn., Mass., Maine, EPA-624/524
BD = Below Detection Limit - The above analyses included compounds not listed on this page. Results are in parts per billion (ppb) unless noted.

AQUARIAN ANALYTICAL INC.
Laboratory Services
P.O. Box 186
Canterbury, N.H. 03224
603-783-9097

Volatile Organic Report
06-12-91,19:18
Sample 1698

Date Sampled = 06-09-91,17:00
Date Logged In = 06-10-91,14:37
Date of Analysis = 06-12-91
Sampler = R.K.
Location = #91-310, MW-3
Town = MT. HOLLY

Organic Compound	Result (ppb)	Det. Lim. (ppb)	MCL
Bromodichloromethane	BD	1	- |
Chlorodibromomethane	BD	1	| -> 100
Bromoform	BD	1	| Tot. THM
Chloroform	BD	1	- |
Carbon Tetrachloride	BD	1	5
dichloromethane	BD	2	5
1,1-dichloroethane	BD	1	
1,2-dichloroethane	BD	1	5
1,1,1-trichloroethane	BD	1	200
1,1,2-trichloroethane	BD	1	5
1,1-dichloroethylene	BD	1	7
Trichloroethylene	BD	1	5
Tetrachloroethylene	BD	1	5
1,2-Dichloroethylene (c)	BD	1	70c
1,2-Dichloroethylene (t)	BD	1	100t
Chloroethane	BD	1	
Vinylchloride	BD	1	2
Bromomethane	BD	5	
Chloromethane	BD	5	
Trichlorofluoromethane	BD	1	
Benzene	85	1	5
Toluene	56	1	2000
Ethylbenzene	47	1	700
m&p-Xylene	278	1	- | 10000
o-Xylene	57	1	- | Tot.(o+m+p)
Chlorobenzene	BD	1	100
1,2-dichlorobenzene	BD	2	600
1,3-dichlorobenzene	BD	2	
1,4-dichlorobenzene	BD	2	75
1,2,4-trichlorobenzene	BD	2	9
Styrene	BD	1	5
Acetone	BD	50	
Tetrahydrofuran	BD	25	
Diethylether	BD	15	
Methyl t-butyl ether	3	3	
Methyl isobutyl ketone	BD	25	
Methyl ethyl ketone	BD	25	
Carbon Disulfide	BD	2	
1,1,2-trichloro 1,2,2-trifluoroethane	BD	1	

Comments:

Other petroleum hydrocarbons were present.

Method of Analyses = EPA-624
Certified - N.H., Conn., Mass., Maine, EPA-624/524
BD = Below Detection Limit - The above analyses included compounds not listed on this page. Results are in parts per billion (ppb) unless noted.

AQUARIAN ANALYTICAL INC.
Laboratory Services
P.O. Box 186
Canterbury, N.H. 03224
603-783-9097

Volatile Organic Report
06-12-91,19:18
Sample 1699

Date Sampled = 06-09-91,17:00 Sampler = R.K.
Date Logged In = 06-10-91,14:38 Location = #91-310, MW-4
Date of Analysis = 06-12-91 Town = MT. HOLLY

Organic Compound	Result (ppb)	Det. Lim. (ppb)	MCL
Bromodichloromethane	BD	1	-
Chlorodibromomethane	BD	1	-> 100
Bromoform	BD	1	Tot. THM
Chloroform	BD	1	-
Carbon Tetrachloride	BD	1	5
dichloromethane	BD	2	5
1,1-dichloroethane	BD	1	
1,2-dichloroethane	BD	1	5
1,1,1-trichloroethane	BD	1	200
1,1,2-trichloroethane	BD	1	5
1,1-dichloroethylene	BD	1	7
Trichloroethylene	BD	1	5
Tetrachloroethylene	BD	1	5
1,2-Dichloroethylene (c)	BD	1	70c
1,2-Dichloroethylene (t)	BD	1	100t
Chloroethane	BD	1	
Vinylchloride	BD	1	2
Bromomethane	BD	5	
Chloromethane	BD	5	
Trichlorofluoromethane	BD	1	
Benzene	6	1	5
Toluene	4	1	2000
Ethylbenzene	59	1	700
m&p-Xylene	529	1	- 10000
o-Xylene	284	1	- Tot.(o+m+p)
Chlorobenzene	BD	1	100
1,2-dichlorobenzene	BD	2	600
1,3-dichlorobenzene	BD	2	
1,4-dichlorobenzene	BD	2	75
1,2,4-trichlorobenzene	BD	2	9
Styrene	BD	1	5
Acetone	BD	50	
Tetrahydrofuran	BD	25	
Diethylether	BD	15	
Methyl t-butyl ether	BD	3	
Methyl isobutyl ketone	BD	25	
Methyl ethyl ketone	BD	25	
Carbon Disulfide	BD	2	
1,1,2-trichloro 1,2,2-trifluoroethane	BD	1	

Comments:

Other petroleum hydrocarbons were present.

Method of Analyses = EPA-624
Certified - N.H., Conn., Mass., Maine, EPA-624/524
BD = Below Detection Limit - The above analyses included compounds not listed on this page. Results are in parts per billion (ppb) unless noted.

AQUARIAN ANALYTICAL INC.
Laboratory Services
P.O. Box 186
Canterbury, N.H. 03224
603-783-9097

Volatile Organic Report
06-12-91,19:18
Sample 1700

Date Sampled = 06-09-91,17:00
Date Logged In = 06-10-91,14:38
Date of Analysis = 06-12-91

Sampler = R.K.
Location = #91-310, STREAM
Town = MT. HOLLY

Organic Compound	Result (ppb)	Det. Lim. (ppb)	MCL
Bromodichloromethane	BD	1	- | -> 100 Tot. THM
Chlorodibromomethane	BD	1	
Bromoform	BD	1	
Chloroform	BD	1	-
Carbon Tetrachloride	BD	1	5
dichloromethane	BD	2	5
1,1-dichloroethane	BD	1	
1,2-dichloroethane	BD	1	5
1,1,1-trichloroethane	BD	1	200
1,1,2-trichloroethane	BD	1	5
1,1-dichloroethylene	BD	1	7
Trichloroethylene	BD	1	5
Tetrachloroethylene	BD	1	5
1,2-Dichloroethylene (c)	BD	1	70c
1,2-Dichloroethylene (t)	BD	1	100t
Chloroethane	BD	1	
Vinylchloride	BD	1	2
Bromomethane	BD	5	
Chloromethane	BD	5	
Trichlorofluoromethane	BD	1	
Benzene	BD	1	5
Toluene	BD	1	2000
Ethylbenzene	BD	1	700
m&p-Xylene	1	1	- | 10000
o-Xylene	BD	1	- | Tot.(o+m+p)
Chlorobenzene	BD	1	100
1,2-dichlorobenzene	BD	2	600
1,3-dichlorobenzene	BD	2	
1,4-dichlorobenzene	BD	2	75
1,2,4-trichlorobenzene	BD	2	9
Styrene	BD	1	5
Acetone	BD	50	
Tetrahydrofuran	BD	25	
Diethylether	BD	15	
Methyl t-butyl ether	BD	3	
Methyl isobutyl ketone	BD	25	
Methyl ethyl ketone	BD	25	
Carbon Disulfide	BD	2	
1,1,2-trichloro 1,2,2-trifluoroethane	BD	1	

Comments:

Method of Analyses = EPA-624
Certified - N.H., Conn., Mass., Maine, EPA-624/524
BD = Below Detection Limit - The above analyses included compounds not listed on this page. Results are in parts per billion (ppb) unless noted.