APR 1 6 1996

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N N

Nelson, Heindel, and Noyes

• Consulting Hydrogeologists
• Engineers
• Environmental Scientists

P.O. Box 64709 Burlington, Vermont 05406-4709 802-658-0820
FAX: 802-860-1014

April 15, 1996

Ms. Lynda Provencher
Hazardous Materials Section
Waste Management Division
103 South Main Street, West Office
Waterbury, VT 05671-0404

RE: Site Investigation
Burgess Brothers Construction
UST Pull Site #770007

Dear Lynda:

This letter report summarizes site investigative work at the Burgess Brothers Construction facility, requested by the HMS following PID evidence of contamination to soils after pulling of a 2,000 gallon gasoline tank on November 25, 1995. The scope of this investigation was described in a work plan and cost estimate dated February 7, 1996, approved by you on February 20, 1996. My summary report follows the tasks described in the work plan.

The tank pull report (Appendix 3) prepared by Environmental Access Group indicates that the 2,000 gallon gasoline tank was taken out-of-service because the larger gasoline tank on the site provides adequate storage capacity. The report showed PID levels ranging from 0 to 60 ppm in soils adjacent to the tank, with the highest levels noted near the east end of the tank. No free product was observed. Silty gravels and cobbles were encountered. No groundwater was encountered to the total depth of the excavation, reported at 8 feet below ground surface.

1.0 Degree and Extent of Groundwater Contamination

A sensitive receptor map (Appendix 1, page 1) plotted on a portion of the Bennington and Pownal USGS quadrangles, serves as a location map for this site.

The Burgess Brothers construction facility is located just west of Barney Brook, which flows in a northwesterly direction about 200 to 300 feet east of the UST site. Consequently, we expect regional groundwater flow directions at the site toward the northeast. Water level data, retrieved from five of the six monitoring wells (water table map; Appendix 1, page 2), suggest a radial groundwater flow pattern with a predominant flow direction toward the northeast. It's likely that stormwater draining from the large flat roof for the office/maintenance shop building and the equipment shelter, and extensive filling in this area have locally perturbed the water table, causing the radial pattern.

To perform a preliminary screen of groundwater contamination, we sampled six existing monitoring wells in the vicinity of the underground storage tanks at the Burgess Brothers Construction site. The locations of these monitoring wells, and of the existing and pulled underground storage tanks are provided on a site map (Appendix 1, page 3). Four additional USTs remain at the site:

8,000 gallon single walled diesel
8,000 gallon single walled gasoline
11,000 gallon single walled #2 fuel oil
500 gallon single walled #2 fuel oil

The 500 gallon tank provides heating oil to the office, and is reported to be about 5 years old. The ages of the other USTs are unknown.

Prior to sampling each well, the Nelson, Heindel and Noyes technician checked for any sheens or product floating on the water table. Monitoring wells MW-2 and MW-5 showed sheens and diesel fuel odors. Wells 1, 3 and 4 showed no sheens or odors. Monitor well 6, which Burgess personnel describe as a "dry well" because it is nearly always dry, showed no sheens, but did issue a "solvent-like" odor.

All wells were purged of three well volumes with the exception of MW-6, which was purged until dry (1.8 gallons recovered). After purging, groundwater samples were collected, preserved with sodium azide and transported on ice to the laboratory for EPA Method 602 analyses. In addition, FID fingerprinting analyses were performed of samples showing detectable petroleum hydrocarbons. All laboratory results are provided (Appendix 1, pages 11 to 21), and are summarized on a contaminant distribution map (Appendix 1, page 4).

Laboratory results show identifiable aromatic hydrocarbons in only two wells: MW-1 with 31.4 ppb MTBE, a gasoline additive; and MW-2 with 522 ppb benzene and 13,445 ppb total BTEX. Contaminant concentrations above the method detection limit were not observed in any of the remaining monitoring wells: MW-3, 4, 5, and 6, all of which are approximately downgradient of the former location of the 2,000 gallon gasoline tank. However, greater than 10 unidentified peaks (UIPs) were found in all monitoring wells, indicating that some aromatic hydrocarbons are present in the groundwater. These UIPs are likely alkylated benzenes and aliphatic hydrocarbons, since they were detected by the PID detector used in the EPA Method 602 analysis. These chemicals are derivatives of petroleum fuels.

FID fingerprint analysis of samples from monitor wells 2 and 5 show a mixture of gasoline and diesel fuel in MW-2 and #2 fuel oil in MW-5.

Tank tightness tests were performed on the 8,000 gallon gasoline tank on October 21, 1995, and the 8,000 gallon diesel and 11,000 gallon #2 fuel oil tank on October 24, 1995. Results are attached (Appendix 1, pages 22 to 28), and show that all three tanks and

associated piping passed these tightness tests.

2.0 Sensitive Receptor Analysis

Sensitive receptor information has been collected for the Burgess Brothers Superfund site, which is located on Burgess Brothers property about 1500 feet north of the office and maintenance shop area. A final work plan dated September 1992 prepared by O'Brien and Gere Engineers Inc. and entitled "Remedial Investigation Burgess Brothers Superfund Site, Woodford and Bennington, Vermont" has been referenced for sensitive receptor information in the vicinity of the Burgess Brothers site. Specifically, we have adapted an O'Brien and Gere area map that shows the locations of private and public wells and springs as of September 1992 in the vicinity of the Burgess Brothers Construction site (Appendix 1, page 1). This map indicates that the area upgradient, adjacent to, and immediately downgradient to the UST site is served by Ryder Spring, a municipal water supply that serves 30 or 40 residences. The Burgess Brothers Construction site is also served by this spring.

Two individual wells that appear to be downgradient of the UST site are recognized in the O'Brien and Gere study: the Dickinson well and the Olin well. As part of the Superfund site study, O'Brien and Gere personnel collected samples of the Dickinson well, Ryder Springs, and the Olin well on June 2, 1995, for analysis for volatile organic hydrocarbons. A summary table prepared by Aquatec is attached (Appendix 1, page 5), which shows that no detectable VOCs (EPA Method 524.2) were observed in the wells or the spring, with the exception of 5 ppb acetone and 14 ppb chloroform in the Dickinson well, and an estimted 2 ppb tetrahydrofuran in the Olin well. These results indicate that these wells appear to have not been impacted by any releases of petroleum products from the Burgess Brothers Construction UST site.

For the Superfund site study, O'Brien and Gere also collected surface water samples in Barney Brook and an unnamed tributary to Barney Brook on June 2, 1995. Two surface water samples, SW-05 and SW-06, are on Barney Brook downgradient of the Burgess Brothers Construction USTs. They showed no detectable volatile organic compounds in the brook water (Appendix 1, pages 6 to 10).

I also performed a PID screen of the crawl space beneath the Burgess Brothers office building. This PID screen, performed on the morning of February 14, 1996 showed no PID detectable VOCs in the crawl space. I used an H-Nu photoionizable detector with a 10.2 eV lamp, calibrated with 100 ppb isobutylene gas at 10:00 a.m. on February 14, 1996.

3.0 Manual Recovery of Free Product

Manual recovery of free product has been performed in monitor wells MW-1, 2, 3, and 4 by Burgess Brothers personnel since November 6, 1995. Attached are daily fuel reports, which provide qualitative descriptions of whether or not sheens were present in each of the

wells. These reports shows the presence of sheens in all four wells at some times, and more often, sheens only observed in MW-2 and occasionally MW-4.

To improve the data collection methodology for the hand-bailing effort, we have created a summary table (Appendix 1, page 11) that includes all six monitoring wells, and that provides spaces for measurements of the total thickness of floating product observed during the first bailer withdrawn from each well, and the total accumulated thickness or volume of product recovered during each round of bailing. This form was provided to Burgess Brothers Construction on March 19, 1996.

4.0 Need for Long-Term Treatment and/or Monitoring

Our preliminary investigation of the Burgess Brothers construction site following removal of the 2,000 gallon gasoline tank, shows limited contamination to groundwater in the vicinity of the tank. MW-1, about 10 feet to the west of the former gasoline tank location, only shows 31.4 ppb MTBE, with no BTEX compounds. MW-2, located about 20 feet in an approximately downgradient direction from this former tank site, shows 522 ppb benzene and a total BTEX level of 13,445 ppb. All other downgradient monitoring wells showed no detectable levels of benzene, total BTEX compounds, or MTBE.

All monitoring wells show low level contamination observed as UIPs using EPA Method 602 (PID detector), that are derivatives of petroleum fuels. These contaminants were not likely released from leaks in tanks or piping, as the three remaining large USTs on the site passed tightness tests in October 1995, and soils adjacent to the pulled 2,000 gallon tank showed elevated PID levels, but no free phase product. Long-term fueling activities at this site have likely resulted in occasional overfills and other fuel loss incidents, which may be the source of the contamination to soils and groundwater noted in the vicinity of the tanks.

Routine checks of these monitoring wells by Burgess Brothers personnel with a clear bailer show occasional sheens in some of the wells, especially MW-2 and MW-4. No measurable thicknesses of free product are noted in any of the wells. Any product entering the wells is readily hand bailed by Burgess Brothers employees.

At this time, we recommend no additional monitoring wells or further remedial action beyond hand bailing of the existing monitoring wells, since the downgradient extent of contamination appears to have been established with the current monitoring well network, and no sensitive receptors appear to have been impacted. We are providing Soak-ease sorbent wicks to Burgess Brothers for installation in wells MW-2, MW-4 and MW-6, to aid in recovery of free product sheens.

We recommend one additional round of groundwater samples of the six monitoring wells at the site in July 1996 (six months after this first sampling round), following ongoing hand-bailing of wells with sheens, and a repeat of our evaluation of water table elevations to confirm the groundwater flow direction at the site.

Please feel free to call with any questions.

Sincerely,

Dean Grover /RR

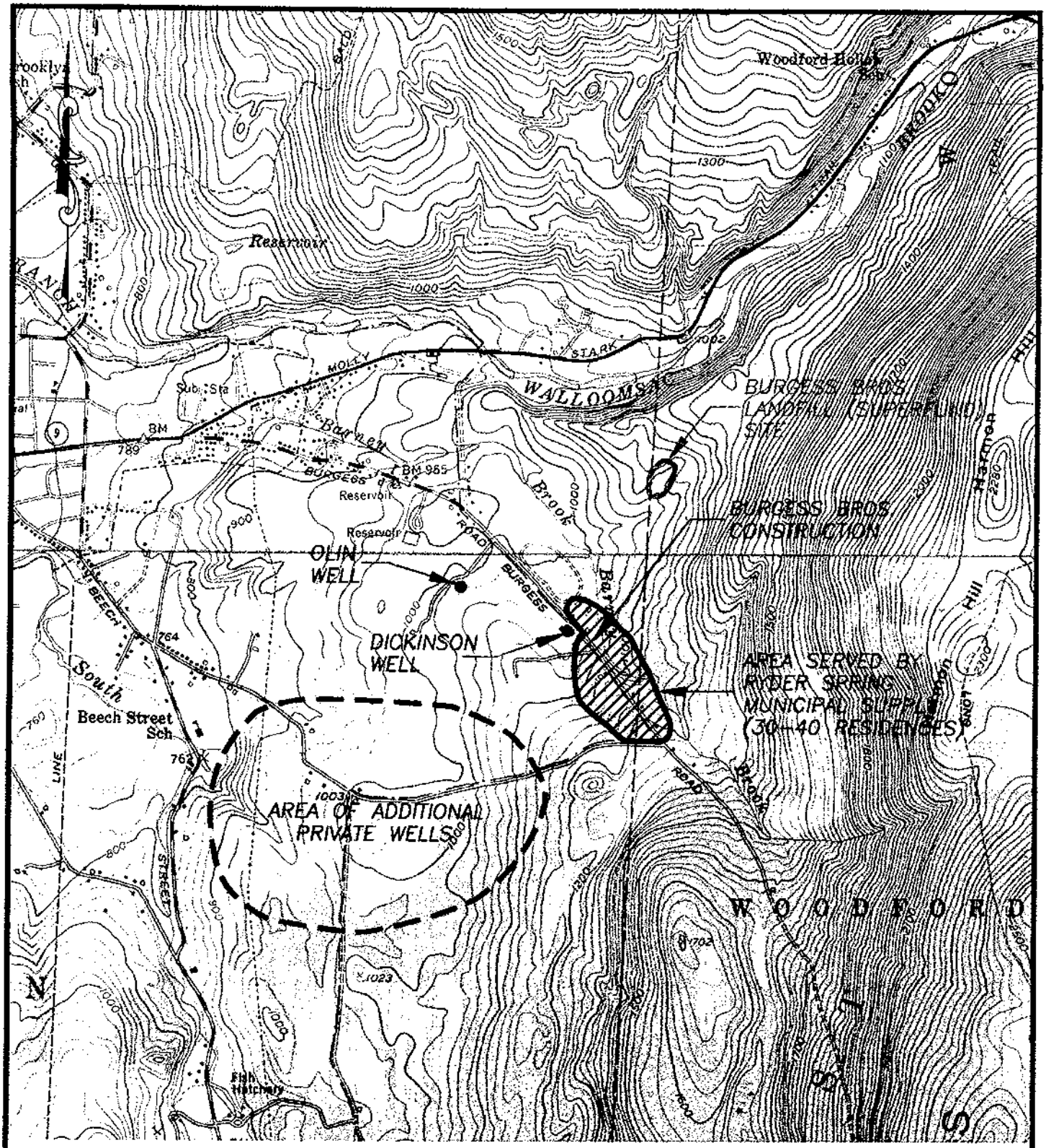
Dean A. Grover, P.E.
Chief Engineer
Environmental Division

DAG/ral

Attachments

cc: Jim Sauer, Burgess Brothers Construction
Toni King, MSK Engineering and Design, Inc.

[U:\DGROVER\WPDOCS\PROVENCH.L5]



SOURCES:

1. BASE MAP FROM PORTIONS OF THE BENNINGTON, AND POWNAL, VERMONT USGS QUADRANGLES. (1954)

2. LOCATIONS ADAPTED FROM REMEDIAL INVESTIGATION-BURGESS BROS. SUPERFUND SITE, WOODFORD AND BENNINGTON, VT-FINAL WORK PLAN--FIGURE LFI-7, O'BRIEN & GERE, INC. SEPT. 1992.

● PRIVATE WELLS ARE LISTED IN VERMONT ANR WATER SUPPLY DIVISION FILES

BURGESS BROS.

BENNINGTON, VERMONT

PRIVATE AND MUNICIPAL WATER SUPPLIES AROUND BURGESS BROS. UST SITE

SCALE: 1"=2000' | FILE: C:\BURGESS\USGSMAP

DATE: APRIL 1, 1996
PROJECT NO. 96024
DRAWN BY: M. Luman
PROJ. MGR: D. Grover
APPROVED: C. Heindel

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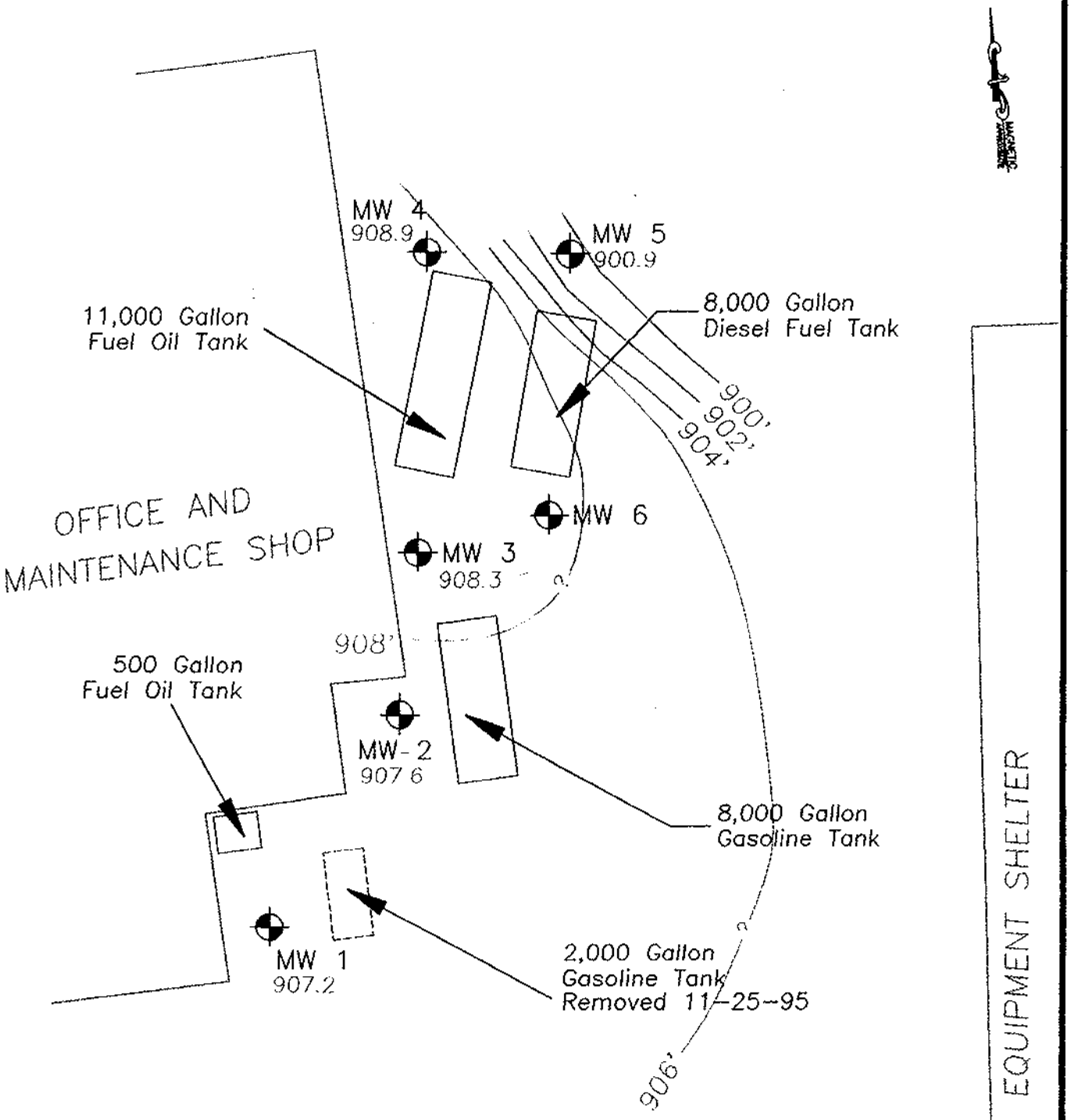
Prepared By:
Information & Visualization Services



MONITOR WELL	ELEVATION (FT) TOP OF PIPE	DEPTH TO WATER (FT)	WATER TABLE ELEVATION (FT)
MW 1	921.22	14.0	907.2
MW 2	919.90	12.3	907.6
MW 3	919.30	11.0	908.3
MW 4	917.64	8.7	908.9
MW 5	915.58	14.7	900.9

KEY:

907.2 Ground Water Elevation (ft)

Ground Water Contour (ft)

Fuel Tank

Building

MW 1 Monitoring Well

BURGESS BROTHERS INC.

BENNINGTON, VERMONT

GROUNDWATER ELEVATION MAP (1/22/96)

SCALE: 1"=20' | FILE: BURGESS\SITEPLAN

DATE: April 1, 1996
PROJECT NO. 96024
DRAWN BY: M. Kane
PROJ. MGR: D. Grover
APPROVED: C. Heindel
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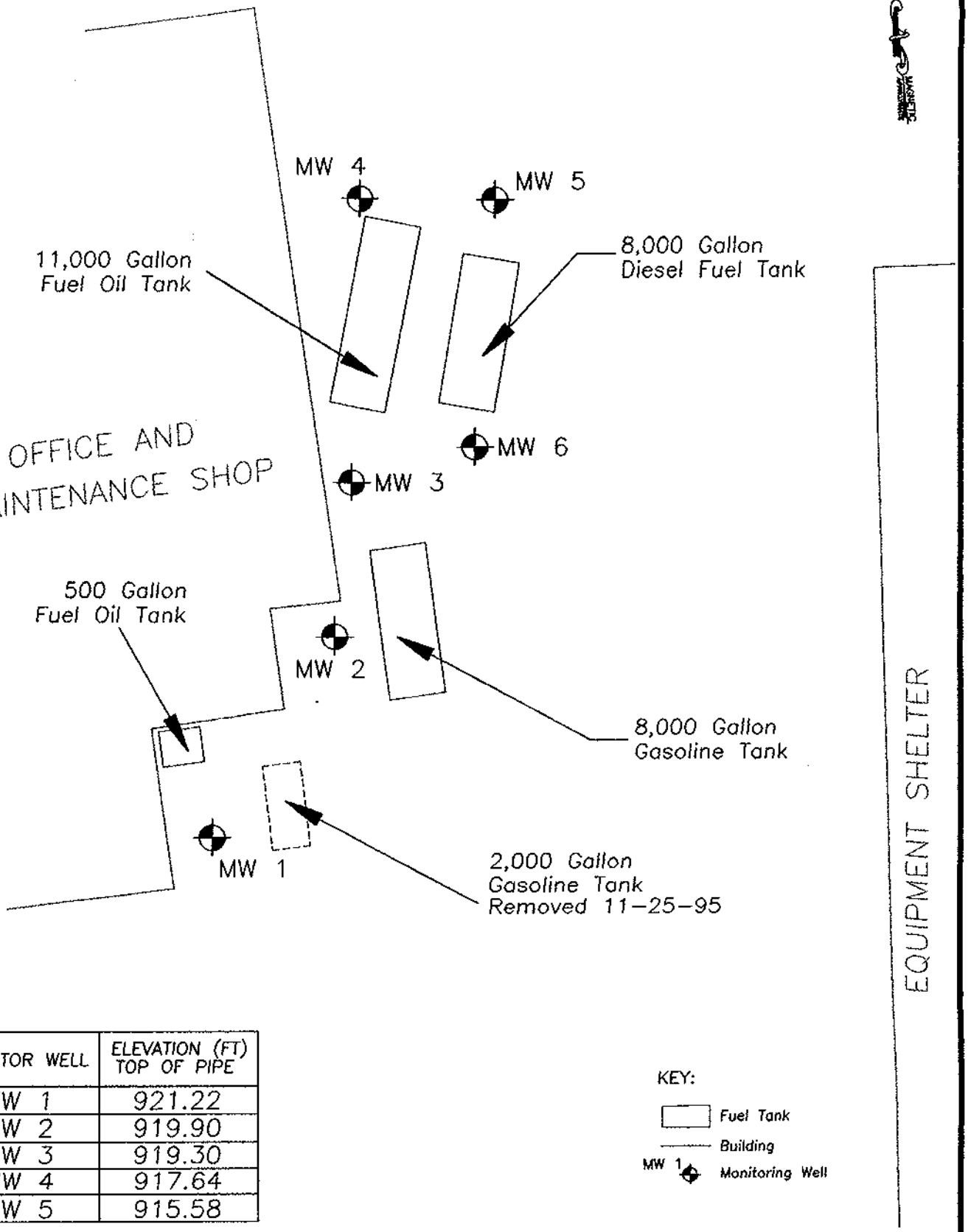
Prepared By:
Information & Visualization Services



MONITOR WELL	ELEVATION (FT) TOP OF PIPE
MW 1	921.22
MW 2	919.90
MW 3	919.30
MW 4	917.64
MW 5	915.58

KEY:

- Fuel Tank
- Building
- MW 1 — Monitoring Well

BURGESS BROTHERS INC.

BENNINGTON, VERMONT

UNDERGROUND STORAGE TANKS

SCALE: 1"=20' | FILE: BURGESS\SITEPLAN

DATE: April 1, 1996
PROJECT NO. 96024
DRAWN BY: M. Kane
PROJ. MGR: D. Grover
APPROVED: C. Heindel
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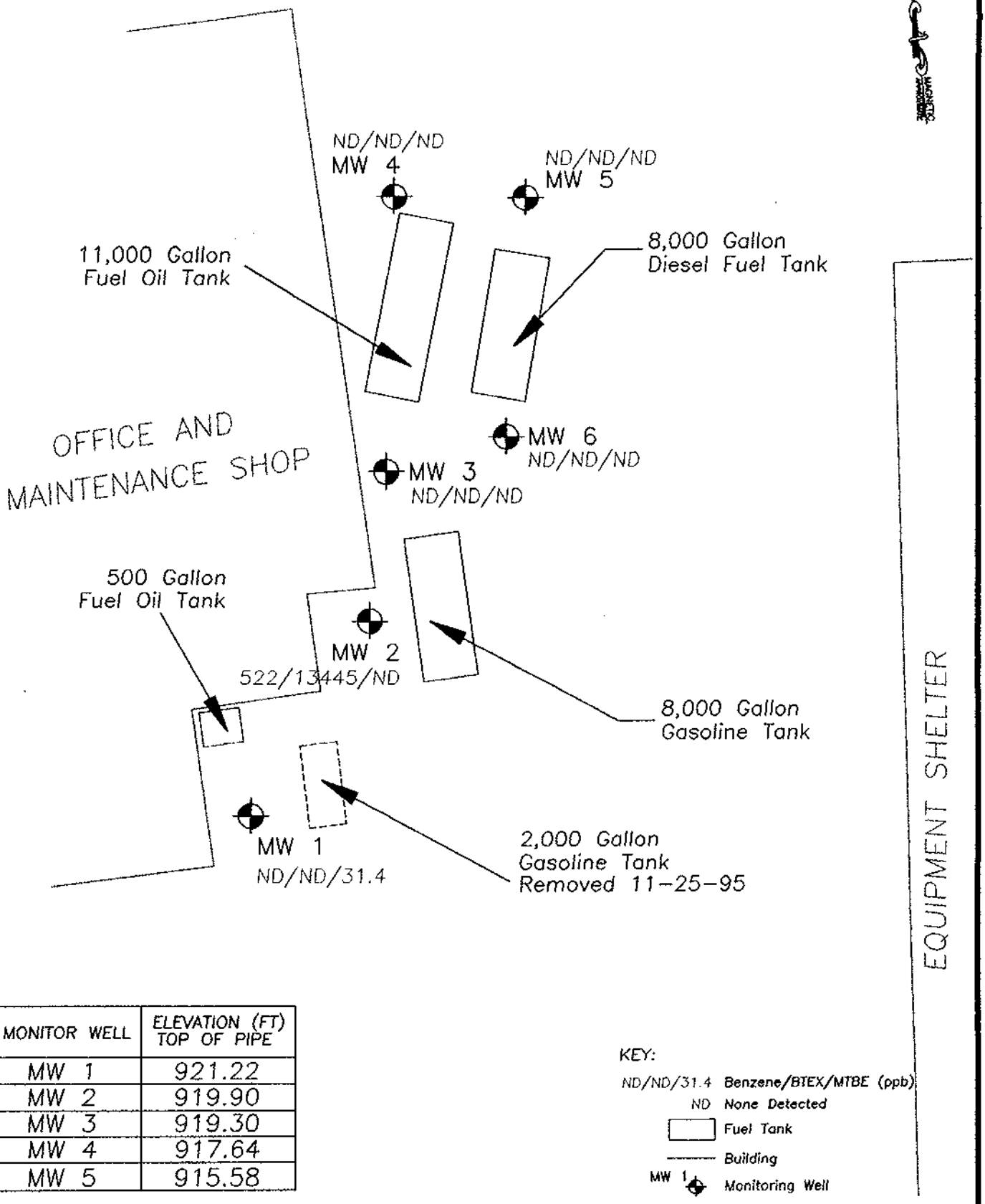

MONITOR WELL	ELEVATION (FT) TOP OF PIPE
MW 1	921.22
MW 2	919.90
MW 3	919.30
MW 4	917.64
MW 5	915.58

KEY:

ND/ND/31.4 Benzene/BTEX/MTBE (ppb)

ND None Detected

Fuel Tank

Building

MW 1 Monitoring Well

BURGESS BROTHERS INC.

BENNINGTON, VERMONT

CONTAMINANT DISTRIBUTION MAP (1/22/96)

SCALE: 1"=20' | FILE: BURGESS\SITEPLAN

DATE: April 1, 1996
PROJECT NO. 96024
DRAWN BY: M. Kane
PROJ. MGR: D. Grover
APPROVED: C. Heindel
☐ DRAFT ☒ FINAL

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DICKINSON

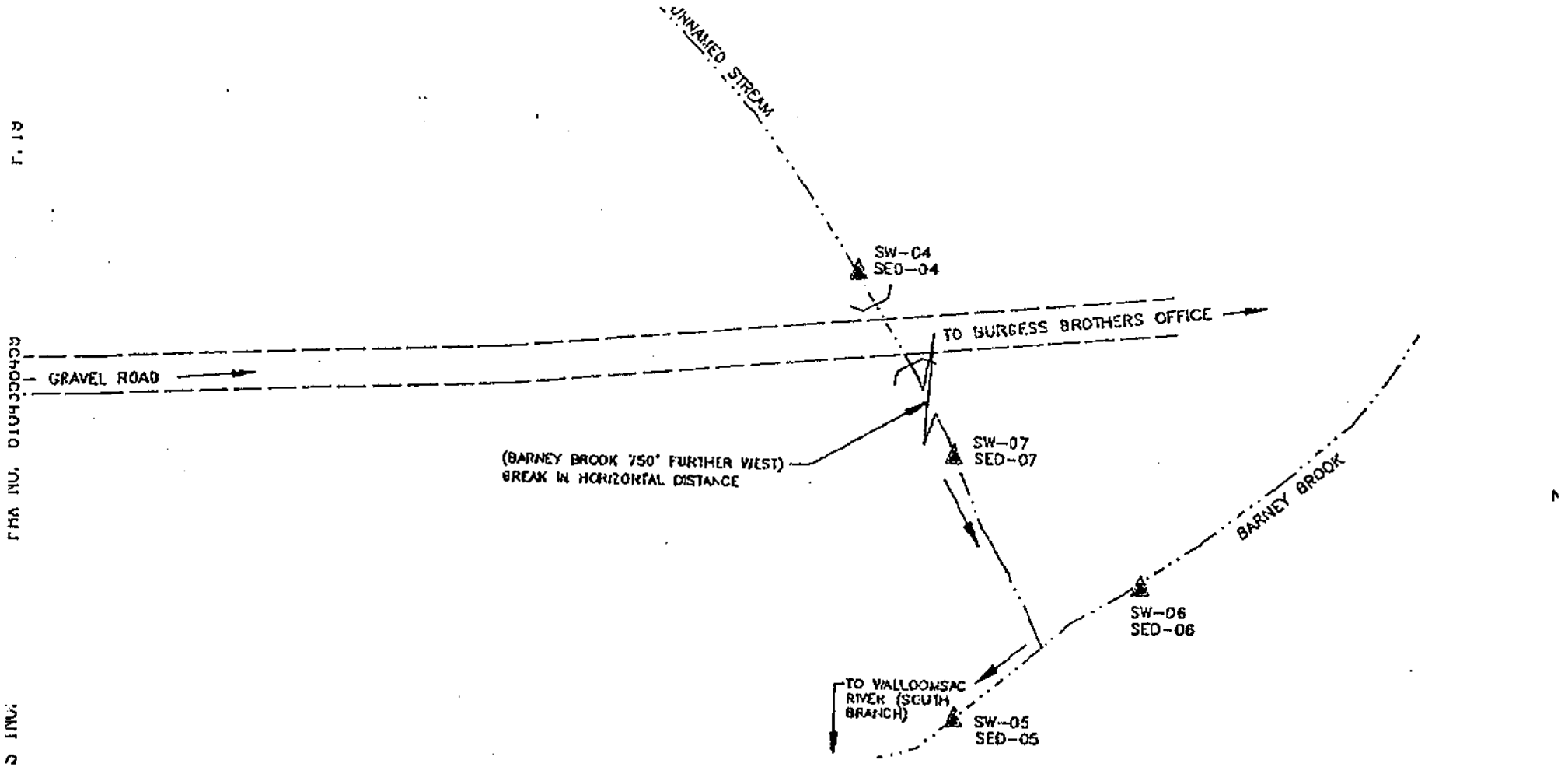
RYDER

DWN2

Table 17 - Laboratory Analytical Results
Aqueous TCL Volatiles Validated Data
Burgess Brothers Superfund Site, Woodford and Bennington, VT
Case No.35207, SDG 51438
Aquatec Laboratories, Colchester, VT

EMA Sample ID	DWDICSKN	BLDUP-DW150 DWDICSKN	DWRYDER	DWOLIN11
Date Sampled	6/2/95	6/2/95	6/2/95	6/9/95
Date Analyzed	6/8/95	6/8/95	6/14/95	6/19/95
Dilution Factor	1.0	1.0	1.0	1
Compound	Q	Q	Q	Q
Dichlorodifluoromethane	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	5	5 U	6 U	5 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U
Cis-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	5 U	5 U	5 U	5 U
2,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	14	13	0.5 U	0.5 U
Bromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	5 U	5 U	5 U	5 U
1,3-Dichloropropane	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dioxane	50 U	50 U	50 U	50 U
Tetrahydrofuran	50 U	50 U	50 U	2 J
Dibromochloromethane	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (Total)	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	0.5 U	0.5 U	0.5 U	0.5 U
N-Propylbenzene	0.5 U	0.5 U	0.5 U	0.5 U
2-Chlorotoluene	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U
4-Chlorotoluene	0.5 U	0.5 U	0.5 U	0.5 U
Tert-Butylbenzene	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U
Sec-Butylbenzene	0.5 U	0.5 U	0.5 U	0.5 U
P-Isopropyltoluene	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U
N-Butylbenzene	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-Chloropropane	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorobutadiene	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	0.5 U	0.5 U	0.5 U	0.5 U
Total Number of TICs	0	0	0.9	0

Notes:
CRQL - Contract Required Quantitation Limit
IDL - Instrument Detection Limit
Qualifiers(Q):
B - Compound was also detected in an associated blank.
J - The associated numerical value is an estimated quantity.
U - The compound was analyzed for but was not detected. The associated numerical value is the sample quantitation limit.
UJ - The compound was analyzed for but was not detected. The sample quantitation limit is an estimated quantity.



NOTES

1. This map is compiled and digitized from available sources
   USGS 7.5 minute topographic mapping with 20' contour interval,
   1:24,000, Aerial Photographs exposed 3-6-91 by
   rial Surveys, Inc., 1=7920', and field survey by
   nd Services during 1992-1993. Locations of digitized
   only approximate and shown for relative location.
   ions should be verified by survey.

)M SITE MAP O'BRIEN & GERE ENGINEERS, INC.
995 REMEDIAL INVESTIGATION REPORT

ERM-NEW
205 PORTLAND S
ERM

Designed by:	
Drawn by:	KCW
Checked by:	AMP
Reviewed by:	MW

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW05

Lab Name: AQUATEC, INC. Contract: 95207

Lab Code: AQUAI Case No.: 95207 SAS No.: SDG No.: 51636

Matrix: (soil/water) WATER Lab Sample ID: 258732

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: L258732V.D

Level: (low/med) LOW Date Received: 06/02/95

% Moisture: not dec. _____ Date Analyzed: 06/07/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW06

Lab Name: AQUATEC, INC. Contract: 95207

Lab Code: AQUAI Case No.: 95207 SAS No.: SDG No.: 51636

Matrix: (soil/water) WATER Lab Sample ID: 258733

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: L258733I2V.D

Level: (low/med) LOW Date Received: 06/02/95

% Moisture: not dec. _____ Data Analyzed: 06/13/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	6	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

8/14/95

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW06

Lab Name: AQUATEC, INC. Contract: 95207

Lab Code: AQUAI Case No.: 95207 SAS No.: SDG No.: 51636

Matrix: (soil/water) WATER Lab Sample ID: 258733

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: L258733I2V.D

Level: (low/med) LOW Date Received: 06/02/95

% Moisture: not dec. _____ Data Analyzed: 06/13/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
127-18-4	Tetrachloroethene	0.5	U
123-91-1	1,4-Dioxane	50	U
109-99-9	Tetrahydrofuran	50	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

Burgess Brothers Construction
Inventory of UST Monitoring Well Activities

- Locations of each of six wells providing monitoring for USTs at Burgess Bros. are provided on the accompanying map.
- Each well must be monitored during each business day. Provide product thickness (inches) observed in the first clear bailer withdrawn, and total product recovered (1-1/2" dia. bailer).
- If a Soak-ease is in use in the well, record the total volume of product wrung from the wick, in ounces.
- All recovered waste must be stored indoors in labelled DOT drums, and manifested offsite within 90-days of the date drums are filled.

		MW-1			MW-2			MW-3			MW-4			MW-5			MW-6		
Date	Checked by (initials)	Product thick. in first bailer (inches)	Total inches or ounces recovered	Units (in. or oz.)	Product thick. in first bailer (inches)	Total inches or ounces recovered	Units (in. or oz.)	Product thick. in first bailer (inches)	Total inches or ounces recovered	Units (in. or oz.)	Product thick. in first bailer (inches)	Total inches or ounces recovered	Units (in. or oz.)	Product thick. in first bailer (inches)	Total inches or ounces recovered	Units (in. or oz.)	Product thick. in first bailer (inches)	Total inches or ounces recovered	Units (in. or oz.)

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

REPORT OF LABORATORY ANALYSIS

CLIENT: NEAQT
PROJECT NAME: Burgess Landfill
REPORT DATE: January 26, 1996
DATE SAMPLED: January 22, 1996
REVISED REPORT: February 7, 1996

PROJECT CODE: NEAQ1638
REF.#: 85,092 - 85,097

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody. Chain of custody indicated sample preservation with NaN_3.

All samples were prepared and analyzed by requirements outlined in the referenced method and within the specified holding times. All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced method. Blank contamination was not observed at levels affecting the analytical results.

Analytical method precision and accuracy was monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits.

Individual sample performance was monitored by the addition of surrogate analytes to each sample. All surrogate recovery data was determined to be within laboratory QA/QC guidelines unless otherwise noted.

Reviewed by,

Harry B. Locker, Ph.D.
Laboratory Director

enclosures

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

EPA METHOD 602--PURGEABLE AROMATICS

CLIENT: NEAQT
PROJECT NAME: Burgess Landfill
REPORT DATE: January 26, 1996
DATE SAMPLED: January 22, 1996
DATE RECEIVED: January 23, 1996
DATE ANALYZED: January 25, 1996
REVISED REPORT: February 7, 1996

PROJECT CODE: NEAQ1638
REF.#: 85,092
STATION: A1736 MW-1
TIME SAMPLED: 1:45 p.m.
SAMPLER: S.H.C.

Parameter	Detection Limit (ug/L)	Concentration (ug/L)
Benzene	1	ND[1]
Chlorobenzene	1	ND
1,2-Dichlorobenzene	1	ND
1,3-Dichlorobenzene	1	ND
1,4-Dichlorobenzene	1	ND
Ethylbenzene	1	ND
Toluene	1	ND
Xylenes	1	ND
MTBE	10	31.4

Bromobenzene Surrogate Recovery: 112%

NUMBER OF UNIDENTIFIED PEAKS FOUND: >10

NOTES:
1 None detected

ENDYNE, INC.

Laboratory Services

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Williston, Vermont 05495
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FAX 879-7103

LABORATORY REPORT

EPA METHOD 602--PURGEABLE AROMATICS

CLIENT: NEAQT
PROJECT NAME: Burgess Landfill
REPORT DATE: January 26, 1996
DATE SAMPLED: January 22, 1996
DATE RECEIVED: January 23, 1996
DATE ANALYZED: January 25, 1996
REVISED REPORT: February 7, 1996

PROJECT CODE: NEAQ1638
REF.#: 85,093
STATION: A1737 MW2
TIME SAMPLED: 3:30 p.m.
SAMPLER: S.H.C.

Parameter	Detection Limit (ug/L)[1]	Concentration (ug/L)
Benzene	500	522.
Chlorobenzene	500	ND[2]
1,2-Dichlorobenzene	500	ND
1,3-Dichlorobenzene	500	ND
1,4-Dichlorobenzene	500	ND
Ethylbenzene	500	813.
Toluene	500	3,860.
Xylenes	500	8,250.
MTBE	5,000	ND

Bromobenzene Surrogate Recovery: 109%

NUMBER OF UNIDENTIFIED PEAKS FOUND: >10

NOTES:

1 Detection limit raised due to high levels of contaminants. Sample run at a 0.2% dilution.

2 None detected

ENDYNE, INC.

Laboratory Services

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Williston, Vermont 05495
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FAX 879-7103

LABORATORY REPORT

EPA METHOD 602--PURGEABLE AROMATICS

CLIENT: NEAQT
PROJECT NAME: Burgess Landfill
REPORT DATE: January 26, 1996
DATE SAMPLED: January 22, 1996
DATE RECEIVED: January 23, 1996
DATE ANALYZED: January 25, 1996
REVISED REPORT: February 7, 1996

PROJECT CODE: NEAQ1638
REF.#: 85,094
STATION: A1738 MW3
TIME SAMPLED: 11:15 a.m.
SAMPLER: S.H.C.

Parameter	Detection Limit (ug/L)	Concentration (ug/L)
Benzene	1	ND[1]
Chlorobenzene	1	ND
1,2-Dichlorobenzene	1	ND
1,3-Dichlorobenzene	1	ND
1,4-Dichlorobenzene	1	ND
Ethylbenzene	1	ND
Toluene	1	ND
Xylenes	1	ND
MTBE	10	ND

Bromobenzene Surrogate Recovery: 101%

NUMBER OF UNIDENTIFIED PEAKS FOUND: >10

NOTES:
1 None detected

ENDYNE, INC.

Laboratory Services

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FAX 879-7103

LABORATORY REPORT

EPA METHOD 602--PURGEABLE AROMATICS

CLIENT: NEAQT
PROJECT NAME: Burgess Landfill
REPORT DATE: January 26, 1996
DATE SAMPLED: January 22, 1996
DATE RECEIVED: January 23, 1996
DATE ANALYZED: January 25, 1996
REVISED REPORT: February 7, 1996

PROJECT CODE: NEAQ1638
REF.#: 85,096
STATION: A1740 MW5 4
TIME SAMPLED: 3:00 p.m.
SAMPLER: S.H.C.

Parameter	Detection Limit (ug/L)	Concentration (ug/L)
Benzene	1	ND[1]
Chlorobenzene	1	ND
1,2-Dichlorobenzene	1	ND
1,3-Dichlorobenzene	1	ND
1,4-Dichlorobenzene	1	ND
Ethylbenzene	1	ND
Toluene	1	ND
Xylenes	1	ND
MTBE	10	ND

Bromobenzene Surrogate Recovery: 91%

NUMBER OF UNIDENTIFIED PEAKS FOUND: >10

NOTES:
1 None detected

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

EPA METHOD 602--PURGEABLE AROMATICS

CLIENT: NEAQT
PROJECT NAME: Burgess Landfill
REPORT DATE: January 26, 1996
DATE SAMPLED: January 22, 1996
DATE RECEIVED: January 23, 1996
DATE ANALYZED: January 25, 1996
REVISED REPORT: February 7, 1996

PROJECT CODE: NEAQ1638
REF.#: 85,095
STATION: A1739 MW~~4~~ 5
TIME SAMPLED: 2:30 p.m.
SAMPLER: S.H.C.

Parameter	Detection Limit (ug/L)[1]	Concentration (ug/L)
Benzene	100	ND[2]
Chlorobenzene	100	ND
1,2-Dichlorobenzene	100	ND
1,3-Dichlorobenzene	100	ND
1,4-Dichlorobenzene	100	ND
Ethylbenzene	100	ND
Toluene	100	ND
Xylenes	100	ND
MTBE	1,000	ND

Bromobenzene Surrogate Recovery: 114%

NUMBER OF UNIDENTIFIED PEAKS FOUND: >10

NOTES:

1 Detection limit raised due to high levels of contaminants. Sample run at a 1% dilution.

2 None detected

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
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LABORATORY REPORT

EPA METHOD 602--PURGEABLE AROMATICS

CLIENT: NEAQT
PROJECT NAME: Burgess Landfill
REPORT DATE: January 26, 1996
DATE SAMPLED: January 22, 1996
DATE RECEIVED: January 23, 1996
DATE ANALYZED: January 25, 1996
REVISED REPORT: February 7, 1996

PROJECT CODE: NEAQ1638
REF.#: 85,097
STATION: A1741 Dry Well – MW-6
TIME SAMPLED: 3:15 p.m.
SAMPLER: S.H.C.

Parameter	Detection Limit (ug/L)	Concentration (ug/L)
Benzene	1	ND[1]
Chlorobenzene	1	ND
1,2-Dichlorobenzene	1	ND
1,3-Dichlorobenzene	1	ND
1,4-Dichlorobenzene	1	ND
Ethylbenzene	1	ND
Toluene	1	ND
Xylenes	1	ND
MTBE	10	ND

Bromobenzene Surrogate Recovery: 108%

NUMBER OF UNIDENTIFIED PEAKS FOUND: >10

NOTES:
1 None detected

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
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EPA METHOD 602 LABORATORY REPORT

MATRIX SPIKE AND DUPLICATE LABORATORY CONTROL DATA

CLIENT: NEAQT
PROJECT NAME: Burgess Landfill
REPORT DATE: January 26, 1996
DATE SAMPLED: January 22, 1996
DATE RECEIVED: January 23, 1996
DATE ANALYZED: January 25, 1996
REVISED REPORT: February 7, 1996

PROJECT CODE: NEAQ1638
REF.#: 85,094
STATION: A1738 MW3
TIME SAMPLED: 11:15 a.m.
SAMPLER: S.H.C.

Parameter	Sample(ug/L)	Spike(ug/L)	Dup1(ug/L)	Dup2(ug/L)	Avg % Rec
Benzene	ND[1]	10	9.9	9.7	98%
Toluene	ND	10	10.0	9.8	99%
Ethylbenzene	ND	10	10.0	9.7	99%
Xylenes	ND	30	29.6	28.7	97%

NOTES:
1 None detected

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

REPORT OF LABORATORY ANALYSIS

CLIENT: NEAQT
PROJECT NAME: Burgess Landfill
DATE REPORTED: February 9, 1996
DATE SAMPLED: January 22, 1996

PROJECT CODE: NEAQ1697
REF. #: 85,305 - 85,306

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody record.

Chain of custody indicated sample preservation with NaN_3.

All samples were prepared and analyzed by requirements outlined in the referenced methods and within the specified holding times.

All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced methods.

Blank contamination was not observed at levels affecting the analytical results.

Analytical method precision and accuracy was monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits.

Reviewed by,

Harry B. Locker, Ph.D.
Laboratory Director

enclosures

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

GC/FID PETROLEUM FINGERPRINT

CLIENT: NEAQT
PROJECT NAME: Burgess Landfill
REPORT DATE: February 9, 1996
SAMPLER: SHC
DATE SAMPLED: January 22, 1996
DATE RECEIVED: January 23, 1996

PROJECT CODE: NEAQ1697
ANALYSIS DATE: February 8, 1996
STATION: MW2
REF.#: 85,305
TIME SAMPLED: Not Indicated

Petroleum identification is determined by comparison of the chromatographic fingerprint of the sample with a Laboratory generated Library of chromatographic fingerprints of assorted Petroleum Standards. The fingerprint of this sample indicates the presence of two contaminants. The majority of the fingerprint resembles gasoline and the remainder Diesel/#2 Fuel.

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
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FAX 879-7103

LABORATORY REPORT

GC/FID PETROLEUM FINGERPRINT

CLIENT: NEAQT
PROJECT NAME: Burgess Landfill
REPORT DATE: February 9, 1996
SAMPLER: SHC
DATE SAMPLED: January 22, 1996
DATE RECEIVED: January 23, 1996

PROJECT CODE: NEAQ1697
ANALYSIS DATE: February 8, 1996
STATION: MW# 5
REF.#: 85,306
TIME SAMPLED: Not Indicated

Petroleum identification is determined by comparison of the chromatographic fingerprint of the sample with a Laboratory generated Library of chromatographic fingerprints of assorted Petroleum Standards. The fingerprint of this sample most closely resembles that of #2 Fuel Oil.

CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING

NDE ENVIRONMENTAL CORPORATION
8906 WALL STREET, SUITE 306
AUSTIN, TEXAS 78754
(512) 719-4633
FAX (512) 719-4986

TEST RESULT SITE SUMMARY REPORT

TEST TYPE: VPLT

TEST DATE: October 21, 1995

WORK ORDER NUMBER: 720418

CLIENT: BURGESS BROTHERS
BURGESS ROAD
BENNINGTON, VT 05201

SITE: BURGESS BROTHERS
BURGESS RD
BENNINGTON, VT 05201

ATTN: JIM SAUER

The following tests were conducted at the site above in accordance with all applicable portions of Federal, NFPA and local regulations.

Tank Tests

TANK NUMBER	PRODUCT	TANK CAPACITY (Gallons)	TANK DIAMETER (Inches)	TANK RESULT	VOLUME CHANGE (gph)	ULLAGE RESULT
1	REGULAR	8,000	96.00	PASS	0.018	PASS
2	FUEL OIL #2	11,430	108.0			

Line and Leak Detector Tests

TANK NUMBER	PRODUCT	VOLUME CHANGE (gph) A	B	D	LINE RESULT (P=pass, F=fail, I=inconclusive) A	B	C	D	LEAK DETECTOR PRESENT	LEAK DETECTOR RESULT
1	REGULAR									
2	FUEL OIL #2									

NDE appreciates the opportunity to serve you, and looks forward to working with you in the future. Please call any time, day or night, when you need us.

NDE Customer Service Representative:
RUSSELL PRESTON

Test conducted by:
JOE TOWNER

Reviewed:

Technician Certification Number:

INDIVIDUAL TANK/LINE/LEAK DETECTOR TEST REPORT
NDE ENVIRONMENTAL CORPORATION

TEST DATE: October 21, 1995 WORK ORDER NUMBER: 720418
CLIENT: BURGESS BROTHERS SITE: BURGESS BROTHERS

TANK INFORMATION

Tank ID:	1	Bottom to top fill in inches:	125.0
Product:	REGULAR	Bottom to grade fill in inches:	118.0
Capacity in gallons:	8,000	Fill pipe length in inches:	29.0
Diameter in inches:	96.00	Fill pipe diameter in inches:	4.0
Length in inches:	258	Stage I vapor recovery:	NONE
Material:	STEEL	Stage II vapor recovery:	NONE
Manifolded Tank:	NO		
Manifolded Vent:	NO		
Manifolded V/R:	NO		

COMMENTS

TANK TEST RESULTS

Test method:	VPLT
Psi at tank bottom:	0.77
Fluid level in inches:	29.25
UFT/OFT:	UFT
Fluid volume in gallons:	2,036
Water level in inches:	0.00
Test time:	13:30-16:10
Number of thermisters:	5
Specific gravity:	0.740
Water table depth in inches:	
Determined by (method):	MONTR WELL
Leak rate in gph:	0.018
RESULT:	PASS

COMMENTS

LEAK DETECTOR RESULTS

	New/passed detector	Failed/replaced detector
Test method:		
Make:		
Model:		
S/N:		
Open time in sec:		
Holding psi:		
Resiliency cc:		
Test leak rate ml/min:		
Metering psi:		
Calib. leak in gph:		
RESULT:		

COMMENTS

ULLAGE TEST RESULTS

Test method:	UTS-4T System
Test time:	17:00-17:30
Ullage volume:	5,964
Ullage pressure:	3.00
RESULT:	PASS

DATA FOR UTS-4T ONLY:

Time of test 1:	17:00-17:10
Temperature:	
Flow rate (cfh):	0.200-0.200
Time of test 2:	17:10-17:20
Temperature:	
Flow rate (cfh):	0.200-0.200
Time of test 3:	17:20-17:30
Temperature:	
Flow rate (cfh):	0.200-0.200

COMMENTS

LINE TEST RESULTS

LINE	A	B	C	D
Material:	STEEL			
Diameter (in):	2.0			
Length (ft):	2.5			
Test psi:				
Bleedback cc:				
Test time (min):				
Test 1: start time:				
finish psi:				
vol change cc:				
Test 2: start time:				
finish psi:				
vol change cc:				
Test 3: start time:				
finish psi:				
vol change cc:				
Final gph:				
RESULT:				

Test type:
Pump type: SUCTION Pump make: GILBARCO

COMMENTS

SITE DIAGRAM

NDE ENVIRONMENTAL CORPORATION
8906 WALL STREET, SUITE 306
AUSTIN, TEXAS 78754
(512) 719-4633
FAX (512) 719-4986

TEST DATE: October 21, 1995
CLIENT: BURGESS BROTHERS

WORK ORDER NUMBER: 720418
SITE: BURGESS BROTHERS

BURGESS ROAD

W.O.#720434
10/24/95 & 10/25/95

BURGESS BROTHERS

VENTS

pum

#2 F.O.

3" 2" 2"

DIESEL

4" 2" 2"

TANK TOP UNCOVERED DUE TO SEVERAL BAD ULLAGES.....

CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING

NDE ENVIRONMENTAL CORPORATION
8906 WALL STREET, SUITE 306
AUSTIN, TEXAS 78754
(512) 719-4633
FAX (512) 719-4986

TEST RESULT SITE SUMMARY REPORT

TEST TYPE: VPLT

TEST DATE: October 24, 1995

WORK ORDER NUMBER: 720434

CLIENT: BURGESS BROTHERS
BURGESS ROAD
BENNINGTON, VT 05201

SITE: BURGESS BROTHERS
BURGESS RD
BENNINGTON, VT 05201

ATTN: JIM SAUER

The following tests were conducted at the site above in accordance with all applicable portions of Federal, NFP A and local regulations.

Tank Tests

TANK NUMBER	PRODUCT	TANK CAPACITY (Gallons)	TANK DIAMETER (Inches)	TANK RESULT	VOLUME CHANGE (gph)	TANK LEAKAGE RESULT
1	REGULAR	8,000	96.00	PASS	0.028	PASS
2	FUEL OIL #2	11,430	108.0	PASS	-0.016	PASS

Line and Leak Detector Tests

TANK NUMBER	PRODUCT	VOLUME CHANGE (gph) A	B	C	D	LINE RESULT (P=pass, F=fail (encircle one)) A	B	C	D	LEAK DETECTOR PRESENT	LEAK DETECTOR RESULT
1	REGULAR	0.008				P				NO	
2	FUEL OIL #2	0.007				P				NO	

NDE appreciates the opportunity to serve you, and looks forward to working with you in the future. Please call any time, day or night, when you need us.

NDE Customer Service Representative:
RUSSELL PRESTON

Test conducted by:
FREDDY RAMOS

Reviewed:

Technician Certification Number:

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INDIVIDUAL TANK/LINE/LEAK DETECTOR TEST REPORT

NDE ENVIRONMENTAL CORPORATION

TEST DATE: October 24, 1995 WORK ORDER NUMBER: 720434

CLIENT: BURGESS BROTHERS SITE: BURGESS BROTHER

TANK INFORMATION

Tank ID:	1	Bottom to top fill in inches:	135.0
Product:	DIESEL	Bottom to grade fill in inches:	132.0
Capacity in gallons:	8,020	Fill pipe length in inches:	39.0
Diameter in inches:	96.00	Fill pipe diameter in inches:	4.0
Length in inches:	259	Stage I vapor recovery:	NONE
Material:	STEEL	Stage II vapor recovery:	NONE
Manifolded Tank:	NO		
Manifolded Vent:	NO		
Manifolded V/R:	NO		

COMMENTS:

TANK TEST RESULTS

Test method:	VPLT
Psi at tank bottom:	0.99
Fluid level in inches:	32.50
UFT/OFT:	OFT
Fluid volume in gallons:	2,390
Water level in inches:	0.00
Test time:	19:42-21:47
Number of thermisters:	5
Specific gravity:	0.850
Water table depth in inches:	
Determined by (method):	MONTR WELL
Leak rate in gph:	0.028
RESULT:	PASS

COMMENTS

LEAK DETECTOR RESULTS

	New/passed detector	Failed/replaced detector
Test method:	FTA	
Make:		
Model:		
S/N:		
Open time in sec:		
Holding psi:		
Resiliency cc:		
Test leak rate ml/min:		
Metering psi:		
Calib. leak in gph:		
RESULT:		

COMMENTS

LD NOT PRESENT, SUCTION SYSTEM.....

ULLAGE TEST RESULTS

Test method:	UTS-4T System
Test time:	13:00-14:30
Ullage volume:	5,630
Ullage pressure:	3.00
RESULT:	PASS

DATA FOR UTS-4T ONLY:

Time of test 1:	13:55-14:05
Temperature:	53.00
Flow rate (cfh):	0.200-0.200
Time of test 2:	14:07-14:17
Temperature:	53.00
Flow rate (cfh):	0.200-0.200
Time of test 3:	14:20-14:30
Temperature:	53.00
Flow rate (cfh):	0.200-0.200

COMMENTS

THE TIME ON THE ULLAGE TEST IS ON THE NEXT DAY.APROX.-DONE SEVEN ULLAGES ON THE DIESEL.....

LINE TEST RESULTS

LINE	A	B	C	D
Material:	STEEL			
Diameter (in):	2.0			
Length (ft):	10.0			
Test psi:	15			
Bleedback cc:	90			
Test time (min):	60			
Test 1: start time:	03:00			
finish psi:	13			
vol change cc:	16			
Test 2: start time:	03:10			
finish psi:	14			
vol change cc:	10			
Test 3: start time:	03:20			
finish psi:	14			
vol change cc:	6			
Final gph:	0.008			
RESULT:	PASS			

Test type: PTK-88

Pump type: SUCTION Pump make: TOKHEIM

COMMENTS

INDIVIDUAL TANK/LINE/LEAK DETECTOR TEST REPORT

NDE ENVIRONMENTAL CORPORATION

TEST DATE: October 24, 1995 WORK ORDER NUMBER: 720434

CLIENT: BURGESS BROTHERS SITE: BURGESS BROTHER

TANK INFORMATION

Tank ID:	2	Bottom to top fill in inches:	122.0
Product:	FUEL OIL #2	Bottom to grade fill in inches:	120.0
Capacity in gallons:	11,430	Fill pipe length in inches:	14.0
Diameter in inches:	108.00	Fill pipe diameter in inches:	3.0
Length in inches:	291	Stage I vapor recovery:	NONE
Material:	STEEL	Stage II vapor recovery:	NONE
Manifolded Tank:	NO		
Manifolded Vent:	NO		
Manifolded V/R:	NO		

COMMENTS

TANK TEST RESULTS

Test method:	VPLT
Psi at tank bottom:	1.49
Fluid level in inches:	44.00
UFT/OFT:	UFT
Fluid volume in gallons:	4,375
Water level in inches:	2.00
Test time:	21:14-23:14
Number of thermisters:	5
Specific gravity:	0.940
Water table depth in inches:	
Determined by (method):	MONTR WELL
Leak rate in gph:	-0.016
RESULT:	PASS

COMMENTS

LEAK DETECTOR RESULTS

	New/passed detector	Failed/replaced detector
Test method:	FTA	
Make:		
Model:		
S/N:		
Open time in sec:		
Holding psi:		
Resiliency cc:		
Test leak rate ml/min:		
Metering psi:		
Calib. leak in gph:		
RESULT:		

COMMENTS

LD NOT PRESENT, SUCTION SYSTEM.....

ULLAGE TEST RESULTS

Test method:	UTS-4T System
Test time:	13:30-15:00
Ullage volume:	7,055
Ullage pressure:	2.50
RESULT:	PASS

DATA FOR UTS-4T ONLY:

Time of test 1:	14:25-14:35
Temperature:	
Flow rate (cfh):	0.200-0.100
Time of test 2:	14:37-14:47
Temperature:	
Flow rate (cfh):	0.200-0.050
Time of test 3:	14:50-15:00
Temperature:	
Flow rate (cfh):	0.200-

COMMENTS

THE TIME ON THE ULLAGE TEST IS ON THE NEXT DAY.APROX.-5 ULLAGES ON THIS TANK TOTAL.....

LINE TEST RESULTS

LINE	A	B	C	D
Material:	STEEL			
Diameter (in):	2.0			
Length (ft):	5.0			
Test psi:	15			
Bleedback cc:	100			
Test time (min):	60			
Test 1: start time:	03:39			
finish psi:	14			
vol change cc:	10			
Test 2: start time:	03:40			
finish psi:	14			
vol change cc:	8			
Test 3: start time:	03:50			
finish psi:	14			
vol change cc:	8			
Final gph:	0.007			
RESULT:	PASS			

Test type: PTK-86

Pump type: SUCTION Pump make: GILBARCO

COMMENTS

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SITE DIAGRAM

NDE ENVIRONMENTAL CORPORATION
8906 WALL STREET, SUITE 306
AUSTIN, TEXAS 78754
(512) 719-4633
FAX (512) 719-4986

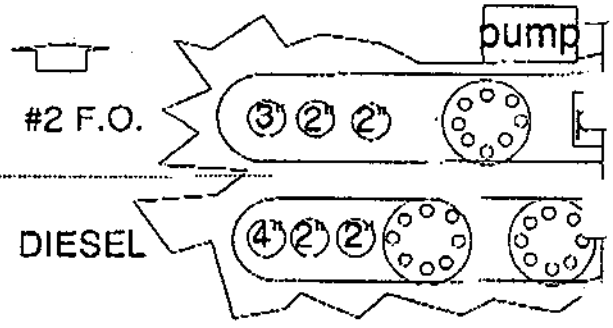
TEST DATE: October 24, 1995
WORK ORDER NUMBER: 720434
CLIENT: BURGESS BROTHERS
SITE: BURGESS BROTHER

BURGESS ROAD

W.O.#720434
10/24/95 & 10/25/95

BURGESS BROTHERS

VENTS



TANK TOP UNCOVERED DUE TO SEVERAL BAD ULLAGES.....

DATE	WELL 1	WELL 2	WELL3	WELL 4	GAS PM	TRK PM	EQP PM	GAS TK	TRK TK	EQP
9FEB96	15'6.75"	13'5.25	10'.85	15'8.75	89140	661270	468151	25.25	19.5	36
1MAR96	15'2.125"	13'3.25	10'8.625	15'8.375	89175	661293	468207	24.5	19.5	35.75
5MAR96	15'9"	13'8.75	10'10.75	15'11.75	89277	661456	468480	23.5	18	33
6MAR96	15'9"	13'8.75	10'10.75	15'11.75	89312	661530	468574	23.5	14	32.5
11MAR96	16'7.125"	14'8.875"	13'.375	16'7.625"	89381	661576	468682	19	52.5	52.5

FUEL REPORT

DATE	WELL 1	WELL 2	WELL 3	WELL 4	GAS TK	TRK TK	EQP TK	GAS PMP	TRK PM	EQP
2FeB	14	12	10	14	37	27.75	28.5	88125	660299	466432
5FeB	14	12	11	15	35.25	27	26.25	88211	660366	466668.
6FeB	14	12	11	15	34	26.75	25.5	88261	660421	466736
7FeB	15	13	11	15	34	26.75	24.75	88318	660421	466813
9FeB	15	13	11	15	33.5	25.5	24.5	88361	660568	466855
12FeB	15'9	13'8	10'8	16'	33.25	25.25	22	88405	660606	467036
14FeB	16	14.1	10'10"	16'2"	32.5	24.5	17.25	88465	660715	467535
15FeB	16.2	14.2	11	16.3	32	23	18.5	88511	660843	467373
16FeB	165.5"	14.4	11.3	16.5	31.5	23	17.75	88570	660846	467440
19FeB	16 10.5	14'11"	11.2.5	16 11.5	30.5	23	41.25	88660	660885	467536
21FeB	16 6.5	14 6	11 3.5	16 6.5	29.25	22.5	39.75	88776	660993	467672
22 FeB	15-9	13 T.5	10-9	16 8.75	28.5	21.75	39	88820	661052	467750
23FeB	15 4.5	13 5.5	10-10	15 10	28	21.75	38.75	88871	661052	467881
26FeB	15-1	13-1	10-9.5	15 5.5	27	21.25	37.25	89019	661104	467998
27FeB	15 1.25	13-1	10 11.25	15 5.5	26.5	20.5	36.75	89038	661182	468050
29FeB	15 6.75	13 3.25	10 8.5	15 8.75	25.25	19.5	36	89140	661270	468151

FUEL REPORT

DA..	WELL 1	WELL 2	WELL 3	WELL 4	GAS TK	TRK TK	EQP TK	GAS PMP	TRK PM	EQP
2 JAN					22	40.75	37	86940	658575	463714
3 JAN					21.75	41	36.75	81000	658595	463790
4 JAN					20.75	40.5	34.5	87100	658615	463993
5 JAN					19.5	40.75	34	87188	658620	464055
8 JAN					18.5	39.75	33.75	87290	658706	464078
9 JAN					17.75	39.75	32.25	87342	658730	464240
10 JAN					17.5	39.25	30.25	87398	658776	464476
11 JAN	19'	18'	12'	19.5'	42.25	39	29.75	87420	658871	464591
12 JAN	19'	18'	12'	19.5'	42	37.75	28.25	87452	658977	464698
15 JAN	19.5	18'	12'	20'	42	37.75	25.75	87513	659045	464954
16 JAN	19.5	18'	12'	20'	41.25	36.25	24.5	87553	659178	465057
18 JAN	19.5	18	12	20	41	36	24.5	87591	659242	465057
19 JAN	16.5	14	~~10~~ 10	14	41	34.75	22.25	87639	659321	465251
22 JAN					39.5	34.25	20.5	87735	659452	465396
23 JAN	14	14	11	14.5	39	33.75	19.25	87778	659507	465553
24 JAN	14	13	10	14	39	3325	17.5	87778	659602	465691
25 JAN	14	12	10	14	38.75	32.25	35	87813	659719	465712
26 JAN	14	12	10	14	38.5	31.75	33.5	87836	659781	465896
29 JAN	13	11	10	13.5	37.25	31.25	32.5	87958	659853	465984
31 JAN	14	12	10	14	37	29.25	30.25	88050	660099	466134
2 FEB 96	14	12	10	14	37	27.75	28.5	88125	660287	466432
5 FEB 96	14	12	11	15	35.25	27	26.25	88211	660366	466668

DAILY FUEL REPORT

WELL#1 Clear 14'

WELL#2 Sheen 13'

WELL#3 Clear 10'

WELL#4 Sheen 14'

GAS TANK 39 3058

625 TRUCK TANK 35.25 24 1/2 0.25

60 EQUIPMENT TANK 19.5 1200.00

GAS PUMP 87778

TRUCK PUMP 659602

EQUIPMENT PUMP 465698

DATE 24 JAN 96 TIME 1600

DAILY FUEL REPORT

WELL#1 Clear 14'

WELL#2 Sheep 14'

WELL#3 Clear 11

WELL#4 L. Sheep 14.5

GAS TANK 39 3058

2525 TRUCK TANK ~~19.25~~ 33.75 2511.75

JH EQUIPMENT TANK ~~33.75~~ 19.25 1385-

GAS PUMP 87778

TRUCK PUMP 6959507

EQUIPMENT PUMP 4655555

DATE 23 Jan 96 TIME 1545 ~~1550~~

DAILY FUEL REPORT

WELL#1 16 1/2 3.1

WELL#2

WELL#3

WELL#4

52.50 GAS TANK 39.5 3215.50

26.50 TRUCK TANK 34.25 2567.50

52.50 EQUIPMENT TANK 20.5 1509.50

GAS PUMP 87735

TRUCK PUMP 659452

EQUIPMENT PUMP 465393

DATE 22 JAN 96 TIME 1607

DAILY FUEL REPORT

WELL#1 Clear /1605

WELL#2 Clear / 14

WELL#3 Clear / 10

WELL#4 Sheen 17

GAS TANK 41 3268

26.50 TRUCK TANK 34.75 2618.50

26.75 EQUIPMENT TANK 22.25 1699.75

GAS PUMP 87639

TRUCK PUMP 659371

EQUIPMENT PUMP 475231

DATE 19 JAN 96 TIME 1600 1800

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 L Sheen

WELL#3 Clear

WELL#4 Sheen.

GAS TANK 41" 3268

TRUCK TANK 36" 2747

50.50 EQUIPMENT TANK 24.5 1947.50

GAS PUMP 87591

TRUCK PUMP 659242

EQUIPMENT PUMP ~~563~~ 465057

DATE 18 JAN 96 TIME 1530

DAILY FUEL REPORT

WELL#1 Clear / 19.5'

WELL#2 H Sheen / 18'

WELL#3 Clear / 12'

WELL#4 Sheen 120

GAS TANK 41.25 3399.25

TRUCK TANK 36.25 2772.75

EQUIPMENT TANK 24.5 1947.50

GAS PUMP 87553

TRUCK PUMP 659178

EQUIPMENT PUMP 465057

DATE 10 Jan 95 TIME

DAILY FUEL REPORT

WELL#1 Clear / 19.5'

WELL#2 H Sheen / 18'

WELL#3 Clear / 12'

WELL#4 Sheen / 20'

GAS TANK 42 3373

20. TRUCK TANK 37.75 2928

28.25 EQUIPMENT TANK 25.75 2088.75

GAS PUMP 87513

TRUCK PUMP 159043

EQUIPMENT PUMP 464954

DATE 15 JAN 95 TIME 1600 1000.

DAILY FUEL REPORT

WELL#1 CLEAR / 19'

WELL#2 H. Sheen / 19'

WELL#3 Clear / 12'

WELL#4 Sheen / 19.5'

GAS TANK 42 3373

325 TRUCK TANK 37.75 3560.5

315 EQUIPMENT TANK 28.25 1919.5

GAS PUMP 274552

TRUCK PUMP 658977

EQUIPMENT PUMP 464698

DATE 12 JAN 95 TIME 1120

DAILY FUEL REPORT

WELL#1 Clear 19

WELL#2 H SHEEN 18

WELL#3 Clear 12

WELL#4 SHEEN 19.5

2650 GAS TANK 42.25 3399.50

TRUCK TANK 39 2542

30 EQUIPMENT TANK 29.75 2560.—

GAS PUMP 87420

TRUCK PUMP 658871

EQUIPMENT PUMP 464591

DATE 11 JAN 95 TIME 1720

fuel delivery
Drayton Oil
2,500 — no Lebel
Gas Tank

DAILY FUEL REPORT

WELL#1 Clear 18.5 FT

WELL#2 H.Sheen 17 FT

WELL#3 Clear 12 FT

WELL#4 L.Sheen 20 FT

41. GAS TANK 17.5 788.-

26 TRUCK TANK 39.25 3084.-

30. EQUIPMENT TANK 30.25 2620.-

GAS PUMP 87398

TRUCK PUMP 658776

EQUIPMENT PUMP 464476

DATE 10 JAN 96 TIME 1610

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 H.SHEEN

WELL#3 Clear

WELL#4 Clear

2050 GAS TANK 17.75 1019.50

20.25 TRUCK TANK ~~49~~ 39.75 3131.75

31.25 EQUIPMENT TANK 32.25 2913.25

GAS PUMP 84342

TRUCK PUMP 658730

EQUIPMENT PUMP 464240

DATE 9 Jan 96 TIME 1530 ~~EST~~

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 H Sheen

WELL#3 Clear

WELL#4 Clear

42 GAS TANK 18.5 1081

26.25 TRUCK TANK 37.75 31216.75

30.15 EQUIPMENT TANK 33.75 2780.5

GAS PUMP 87290

TRUCK PUMP 658706

EQUIPMENT PUMP 464078

DATE 8 JAN 96 TIME 1600

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 H. SHEEN

WELL#3 Clear

WELL#4 Clear

42.5 GAS TANK 19.5 11165.5

25 TRUCK TANK 40.75 3348

EQUIPMENT TANK 34 3,082

GAS PUMP 87188

TRUCK PUMP 658620

EQUIPMENT PUMP 464055

DATE 5 JAN 95 TIME 1600

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 1/8" Product

WELL#3 Clear

WELL#4 Clear

21.75 GAS TANK 20.75 1273.25

50 TRUCK TANK 40.5 3213

31.75 EQUIPMENT TANK 34.75 3177.26

GAS PUMP 87100

TRUCK PUMP 658615

EQUIPMENT PUMP 463993

DATE 4 JAN 95 TIME 1600

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 1/8 product

WELL#3 Clear

WELL#4 Light Sheen

22.25 GAS TANK 21.75 1361.75

TRUCK TANK 41 3263

31.75 EQUIPMENT TANK 36.75 3431.25

GAS PUMP 87000

TRUCK PUMP 658595

EQUIPMENT PUMP 463790

DATE 3 Jan 95 TIME 1600

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 1/8" Product.

WELL#3 Clear

WELL#4 Clear

GAS TANK 22 1384

JS TRUCK TANK ~~39~~ 40.75 3238

EQUIPMENT TANK 37 3463

GAS PUMP 86940

TRUCK PUMP 658 5[illegible]

EQUIPMENT PUMP 463 714

DATE 25AN 96 TIME 1600 BD

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DAILY FUEL REPORT

WELL#1 Clear

WELL#2 H.SHEEN

WELL#3 CLEAR

WELL#4 Clear

23 GAS TANK 23.75 1543

55 TRUCK TANK 41.5 3318

65 EQUIPMENT TANK 39.5 3787

GAS PUMP 86846

TRUCK PUMP 658530

EQUIPMENT PUMP 463425

DATE 29Dec95 TIME 1600 MST

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 1/8" product

WELL#3 Clear

WELL#4 Clear

465 GAS TANK 245 11625

265 TRUCK TANK 42.75 34525

65 EQUIPMENT TANK 42.5 4181

GAS PUMP 86980

TRUCK PUMP 658437

EQUIPMENT PUMP 462947

DATE 2/10/95 TIME 1600 ~~EST~~.

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 4" Product

WELL#3 Clear

WELL#4 Clear

225 GAS TANK 22.75 1451.5

TRUCK TANK

227 EQUIPMENT TANK 44.25 4410.25

GAS PUMP 86708

TRUCK PUMP 58414

EQUIPMENT PUMP 462831

DATE ~~#~~ 26 Dec 95 TIME 1530 ~~203~~

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 H Sheen

WELL#3 Clear

WELL#4 Clear

GAS TANK 26 1753

55 TRUCK TANK 42.5 3428

EQUIPMENT TANK 45 4507

GAS PUMP 86584

TRUCK PUMP 658359

EQUIPMENT PUMP 460751

DATE 22Dec 95 TIME 1600 MT

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Hi Sheen

WELL#3 Clear

WELL#4 Clear

GAS TANK 27 1849

265 TRUCK TANK 4275 3557.5

EQUIPMENT TANK 46 41642

GAS PUMP 86513

TRUCK PUMP 659342

EQUIPMENT PUMP 462611

DATE 21 Dec 95 TIME 1515.

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 K. Sheen

WELL#3 Clear

WELL#4 Clear

48 GAS TANK 27.50 1897

30.25 TRUCK TANK 43.25 3505.25

30.75 EQUIPMENT TANK 47.25 3929.75

GAS PUMP 86482

TRUCK PUMP 658298

EQUIPMENT PUMP 462483

DATE 20 Dec 95 TIME 1545

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 1/8" product

WELL#3 Clear

WELL#4 Clear

x15 GAS TANK 25.25 1969.5

525 TRUCK TANK 43.50 3531.5

33 EQUIPMENT TANK 47.75 4813.

GAS PUMP 86401

TRUCK PUMP 658265

EQUIPMENT PUMP 162428

DATE 19 Dec 95 TIME 1605

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 H. Sheen

WELL#3 Clear

WELL#4 Clear

GAS TANK 29 2043

TRUCK TANK 43.75 3557.75

EQUIPMENT TANK 48.75 4893

GAS PUMP 86340

TRUCK PUMP 659340

EQUIPMENT PUMP 412350

DATE 18 Dec 95 TIME 1615 PM

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Sheen

WELL#3 Clear

WELL#4 Sheen

GAS TANK 30 2141

TRUCK TANK 44 3584

2225 EQUIPMENT TANK 51.25 5313.75

GAS PUMP 86267

TRUCK PUMP 658209

EQUIPMENT PUMP 461966

DATE 15 Dec 95 TIME 1550

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 H. Sheen

WELL#3 Clear

WELL#4 Sheen

GAS TANK 30.5 2190.5

TRUCK TANK 44.5 3139.5

EQUIPMENT TANK 53 5,580.

GAS PUMP 86171

TRUCK PUMP 658120

EQUIPMENT PUMP 461753

DATE 14 Dec 95 **TIME** 1600 hrs.

Martin Oil
Fuel Delivery
1500 gals
Regular Unleaded Split
1000 500

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Sheen

WELL#3 Clear

WELL#4 Sheen

✓GAS TANK 31.25 2265

TRUCK TANK 25.25 1082.5

EQUIPMENT TANK 16.5 1102

GAS PUMP 36108

TRUCK PUMP 658645

EQUIPMENT PUMP 461382

DATE 13 Dec 95 TIME 1600 [illegible]

Greene's Equipment [illegible] 500 fuel [illegible] - 50 gallons [illegible]

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Heavy Sheen

WELL#3 Clear

WELL#4 Sheen

GAS TANK 32.5 2390.5

TRUCK TANK 16.75 937

EQUIPMENT TANK 22 1673

GAS PUMP 76042

TRUCK PUMP 65226

EQUIPMENT PUMP 460940

DATE 11Dec95 TIME 1600 hrs.

DAILY FUEL REPORT

WELL#1 Light Sheen

WELL#2 Heavy Sheen

WELL#3 Clear

WELL#4 SHEEN

GAS TANK 33,75 2510.75

TRUCK TANK 1725 977.5

EQUIPMENT TANK 24 1891.—

GAS PUMP 85953

TRUCK PUMP 657956

EQUIPMENT PUMP 460533

DATE 8 Dec 95 TIME 1645

DAILY FUEL REPORT

WELL#1 Cloudy

WELL#2 H. SHEEN

WELL#3 CLEAR

WELL#4 SHEEN

GAS TANK 34.25 2507.5

TRUCK TANK 18.25 1000

EQUIPMENT TANK 27.25 2203

GAS PUMP 85 736

TRUCK PUMP 657830

EQUIPMENT PUMP 460207

DATE 6 Dec 95 TIME 1600

DAILY FUEL REPORT

WELL#1 ~~Sheen~~ Clear

WELL#2 Sheen

WELL#3 Cloudy

WELL#4 Sheen

GAS TANK 35 2104

TRUCK TANK 20 1208

EQUIPMENT TANK 28 3/4 2440.

GAS PUMP 85697

TRUCK PUMP 657652

EQUIPMENT PUMP ~~044202~~ 460056

DATE 5 Dec 95 TIME ~~1545~~ 1545

DAILY FUEL REPORT

WELL#1 Sheen

WELL#2 Sheen

WELL#3 Sheen

WELL#4 Sheen

GAS TANK 35.5 21955

TRUCK TANK 20.5 1251.5

EQUIPMENT TANK 30.75 2680

GAS PUMP 85695

TRUCK PUMP 657528

EQUIPMENT PUMP 459804

DATE 4Dec95 TIME 1550

DAILY FUEL REPORT

WELL#1 Sheen

WELL#2 Sheen

WELL#3 Sheen

WELL#4 Sheen

GAS TANK 37 2850

TRUCK TANK 23 4174

EQUIPMENT TANK 33 2,957.

GAS PUMP 85548

TRUCK PUMP 654356

EQUIPMENT PUMP 459630

DATE 1 Dec 95 TIME 1345

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 SHEEN

WELL#3 SHEEN

WELL#4 SHEEN

GAS TANK 37.50 3006.

TRUCK TANK 33.75 1543

EQUIPMENT TANK 37.75 292575

GAS PUMP 85519

TRUCK PUMP 657210

EQUIPMENT PUMP 459609

DATE 30 NOV 95 TIME 1540

DAILY FUEL REPORT

WELL#1 CLEAR

WELL#2 ~~Clear~~ Sheen

WELL#3 Clear

WELL#4 Sheen

GAS TANK 38 2954

TRUCK TANK 24.5 1612.50

EQUIPMENT TANK 35.5 3272.50

GAS PUMP 85446

TRUCK PUMP 657148

EQUIPMENT PUMP 459305

DATE 29 Nov 95 TIME 1615

DAILY FUEL REPORT

WELL#1 CLEAR

WELL#2 HEAVY SHEEN

WELL#3 CLEAR

WELL#4 SHEEN

GAS TANK 38.5 30010

TRUCK TANK 24.5 11012.5

EQUIPMENT TANK 36.25 33075

GAS PUMP 85396

TRUCK PUMP 657108

EQUIPMENT PUMP 459195

DATE 28 NOV 95 TIME 1540 MST

DAILY FUEL REPORT

WELL#1 CLEAR

WELL#2 CLEAR

WELL#3 CLEAR

WELL#4 SHEEN

GAS TANK 39" 958

TRUCK TANK 25.5 [illegible]

EQUIPMENT TANK 37 3403

GAS PUMP 85358

TRUCK PUMP 657613

EQUIPMENT PUMP 459112

DATE 27 NOV 95 TIME 1530

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Clear

WELL#3 Clear

WELL#4 Sheen & scum.

GAS TANK 12.5 1012

TRUCK TANK 28 1945

EQUIPMENT TANK 39 3702

GAS PUMP 85240

TRUCK PUMP 656704

EQUIPMENT PUMP 458860

DATE 24 Nov 95 TIME 1605 hrs.

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Clear

WELL#3 Clear

WELL#4 Sheen & Scum

GAS TANK 13" 1048

TRUCK TANK 29.50" 2092

EQUIPMENT TANK 39.75" 3819.50

GAS PUMP 85195

TRUCK PUMP 656522

EQUIPMENT PUMP 458748

DATE 22 Nov 95 TIME 1555

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Clear

WELL#3 Clear

WELL#4 Sheen & Scum

GAS TANK 15.25" 818.50

TRUCK TANK 31" 2240

EQUIPMENT TANK 42.25" 1149.5

GAS PUMP 85080

TRUCK PUMP 656405

EQUIPMENT PUMP 458458

DATE 21 Nov 95 TIME 1535

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Clear

WELL#3 Clear

WELL#4 Sheen & Scum

GAS TANK 15.25" 98.50

TRUCK TANK 31.75" 231.5

EQUIPMENT TANK 45" 1378

GAS PUMP 85080

TRUCK PUMP 656195

EQUIPMENT PUMP 458358

DATE 20 Nov 95 TIME 1550

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Clear

WELL#3 Clear

WELL#4 Sheen & Scum

GAS TANK 16" 2nd

TRUCK TANK 33.75" 2nd 75

EQUIPMENT TANK 44.75" 44nd 75

GAS PUMP ~~84963~~ 48963

TRUCK PUMP 655935

EQUIPMENT PUMP 458143

DATE 17 Nov 95 TIME 1551 2nd.

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Clear

WELL#3 Clear

WELL#4 Sheen & Scum

GAS TANK 16" 25%

TRUCK TANK 34.25 25%

EQUIPMENT TANK 46.75 47%

GAS PUMP 84934

TRUCK PUMP 655860

EQUIPMENT PUMP 457847

DATE 16 Nov 95 **TIME** 1600

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Light Sheen

WELL#3 Clear

WELL#4 Sheen.

GAS TANK 17 3/4" 1018.5

TRUCK TANK 36.5" 2798.5

EQUIPMENT TANK 49.75" 5142.75

GAS PUMP 84843

TRUCK PUMP 655781.

EQUIPMENT PUMP 457624.

DATE 15NOV95 1600 Hrs TIME 1600.

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Light Sheen

WELL#3 Clear

WELL#4 Sheen

GAS TANK 18" 1039

TRUCK TANK 36.75" 2824.25

EQUIPMENT TANK 50" 517.5

GAS PUMP 84836

TRUCK PUMP 655523

EQUIPMENT PUMP 457507

DATE 14 Nov 95 TIME 1522

DAILY FUEL REPORT

WELL#1 CLEAR

WELL#2 SHEEN

WELL#3 CLEAR

WELL#4 SHEEN

GAS TANK 19" 1130

TRUCK TANK 12 1/2" 1130

EQUIPMENT TANK 10 1/2" 530

GAS PUMP 84780

TRUCK PUMP 655444

EQUIPMENT PUMP 457462

DATE 13 Nov 95 TIME 1600

DAILY FUEL REPORT

WELL#1 CLEAR

WELL#2 SHEEN

WELL#3 CLEAR

WELL#4 SHEEN

GAS TANK 20.5"

TRUCK TANK 14.75"

EQUIPMENT TANK 14.50"

GAS PUMP 84642

TRUCK PUMP 655204

EQUIPMENT PUMP 457 163

DATE 10 Nov 95 TIME 1550

DAILY FUEL REPORT

WELL#1 CLEAR

WELL#2 SHEEN

WELL#3 CLEAR

WELL#4 SHEEN & SCUM

GAS TANK FULL

TRUCK TANK 16." 277

EQUIPMENT TANK 17.25" 115

GAS PUMP 84370

TRUCK PUMP 655071

EQUIPMENT PUMP 456928

DATE 9 NOV 95 TIME 1530

DAILY FUEL REPORT

WELL#1 CLEAR

WELL#2 SHEEN

WELL#3 CLEAR

WELL#4 SHEEN

GAS TANK 21" 12"

TRUCK TANK 18.5" 21

EQUIPMENT TANK 19" 12"

GAS PUMP 84561

TRUCK PUMP ~~654829~~ 007 654892

EQUIPMENT PUMP 456763

DATE 8 NOV 95 TIME 1600

DAILY FUEL REPORT

WELL#1 CLEAR

WELL#2 Light SHEEN

WELL#3 Light SHEEN

WELL#4 SHEEN

GAS TANK 21" 1295

TRUCK TANK 18.5" 1031

EQUIPMENT TANK 20.5" 1588

GAS PUMP 84554

TRUCK PUMP 654787

EQUIPMENT PUMP 456593

DATE 7 Nov 95 TIME 1620

DAILY FUEL REPORT

WELL#1 Clear

WELL#2 Light Sheen

WELL#3 Clear

WELL#4 Sheen

GAS TANK 22" 1384

TRUCK TANK 19.25" 1144.25

EQUIPMENT TANK 22.75" 1[illegible]

GAS PUMP 84495

TRUCK PUMP 654711

EQUIPMENT PUMP 456372

DATE 6 Nov 95 TIME 1552. 1220.

Vermont Agency of Natural Resources
Department of Environmental Conservation
Underground Storage Tank Program
103 So. Main Street, West Building
Waterbury, Vermont 05671-0404

December 4, 1995

RE: UST Closure Site Assessment

VT FACILITY ID# 1616
Burgess Bros.
Burgess Road
Bennington, Vermont

attn.: Marc Coleman

Dear Mr. Coleman,

The following underground storage tank closure site assessment was performed on November 25, 1995 at the above site.

One 2,000 gallon UST containing unleaded gasoline was removed and no replacement tank is proposed to replace this tank on the property. The tank and all piping was found to be in good condition and showed no signs of leakage.

Soils sampled by the PID recorded significant levels of hydrocarbons on the east end of the tank . These levels were strongest away from the tank and well above the flow line of the tank (aprox 4 ft. above). It appears that this contamination is coming from another source than the tank which was removed.

(1) Brief History

Burgess Bros. operates a construction company and associated operations. The tanks on the property are for use in their equipment and for the heating of their building. The company has been in business for many years.

This 2000 gallon gasoline tank was removed as it was not needed due to a larger tank currently in use.

The age of the tank which was removed was unknown and the information as to the ages of the other tanks in the area was unavailable.

(2) Pumping and Disposal

The tank was empty at the time of removal and no waste was present.

The tank was disposed of by Burgess Bros. Construction, Bennington Vermont.

(3) Excavation Contractor

Burgess Brothers
Burgess Road
Bennington, Vermont

(4) Field Activities and Observations

Weather conditions: temperature 12 degrees F
no breeze
clear and sunny

Schedule of events: 8:30 Excavation began
9:00 thru 10:00 Excavation and monitoring of soils
10:30 Tank removed from ground
11:30 Began filling in excavated site
11:30 thru 1:00 Cleaning of site and disposal of tank

(5) Report and Recommendations

Contaminated soil at the site did not appear to come from the 2000 gallon gasoline tank which was removed as the tank was found to be in good condition.

There are presently five monitoring wells on the property and in the vicinity of this and other tanks. A more in depth study and history of other releases should be investigated and if levels of contaminated soils are of concern further sub surface work should be done.

Sincerely,

Stephen Eddington

Burgess Bros.
Burgess Road
Bennington, Vermont

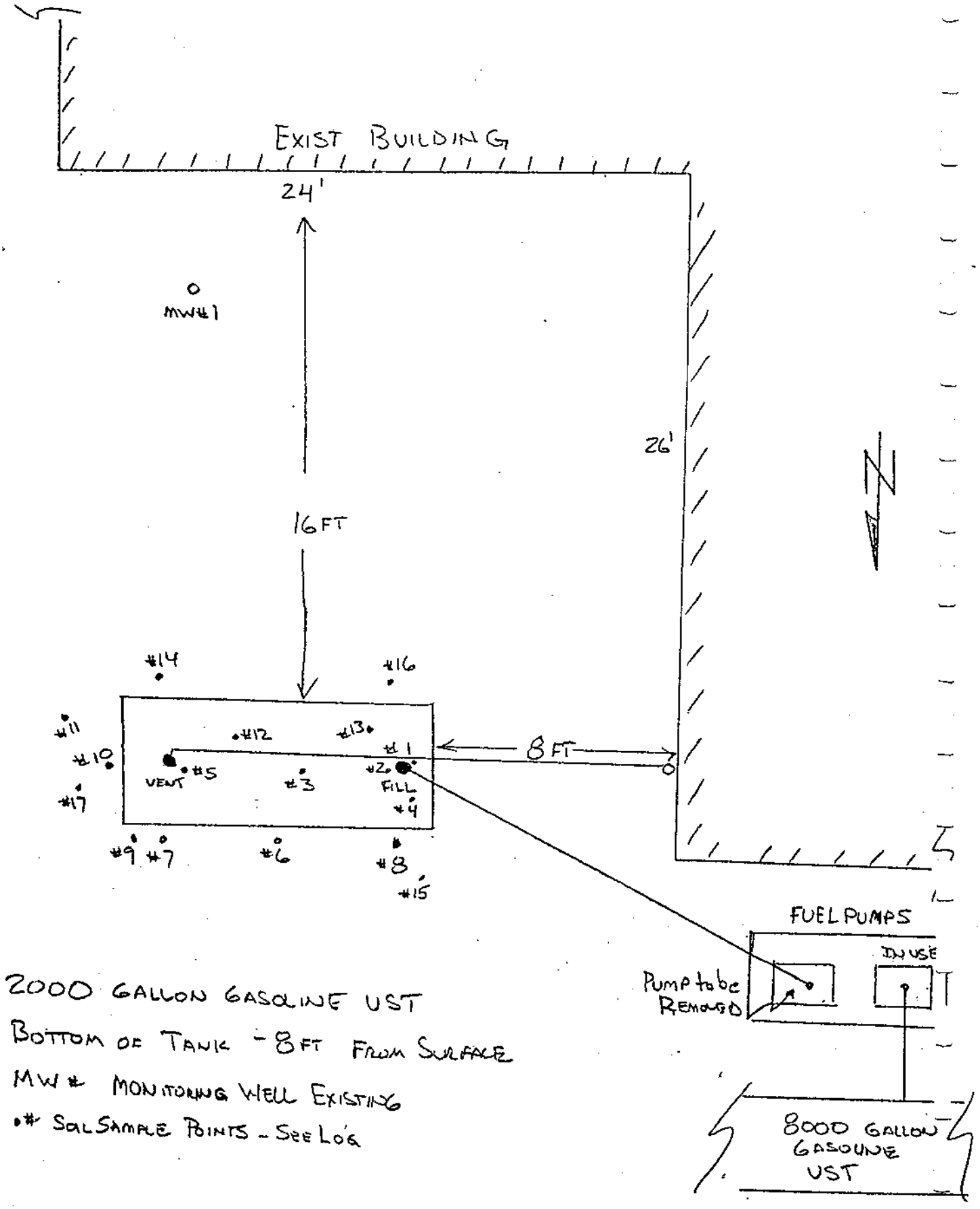
Soil Sampling Results

October 25,1995

Sample #	Location	PID Readings
1	6 in below surface at fill pipe	0 ppm
2	18 in down near fill pipe	0 ppm
3	Top tank mid tank	0 ppm
4	Pipe connection to pumps	0 ppm
5	Top tank vent connection	2 ppm
6	Near bottom of tank(-7ft) center	19 ppm
7	Near bottom of tank(-7ft) east end	22 ppm
8	Near bottom of tank(-7ft) west end	10 ppm
9	Side tank east end (-7ft)	45 ppm
10	East end tank (-5ft)	60 ppm
11	3 ft off east end tank (-6ft)	55 ppm
12	Bottom of tank mid point(-8ft)	3 ppm
13	Bottom of tank west end (-8ft)	1 ppm
14	Side of tank east end (-6ft)	12 ppm
15	Side of tank west end (-7ft)	5 ppm
16	Side of tank west end (-6ft)	5 ppm
17	4 ft off east end (-4ft)	34 ppm
	Average:	15 ppm

Bottom of tank 8 feet below surface of ground
Soils: 0-6in. Topsoil
6in-8ft silty gravel with cobbles 1-12 in diameter
light brown-orange
Dead sand around tank

BURGESS BROS. BENNINGTON VERMONT 11/25/95



2000 GALLON GASOLINE UST

BOTTOM OF TANK - 8 FT FROM SURFACE

MW # MONITORING WELL EXISTING

•# SOIL SAMPLE POINTS - SEE LOG

- Burgess Bros.

UNDERGROUND STORAGE TANK PERMANENT CLOSURE FORM

AGENCY USE ONLY
Sched. closure date:
Facility Town:
Facility ID#:
DEC Official:
Evaluated by:

VERMONT AGENCY OF NATURAL RESOURCES
DEPT. OF ENVIRONMENTAL CONSERVATION
HAZARDOUS MATERIALS MANAGEMENT DIV.
103 SOUTH MAIN STREET, WEST BUILDING
WATERBURY, VERMONT 05671-0404
TELEPHONE: (802) 241-3888

Company conducting site assessment: ENVIRONMENTAL ACCESS
Person conducting site assessment: STEPHEN HODGDON
Telephone number of company for person): 802 447 0040
Date of UST closure: 11/25/95
Date of site assessment: 12/3/95

This Closure Form may only be used for the facility and date indicated in the upper left hand corner. Changes in the scheduled closure date should be phoned in at least 48 hours in advance. Both the yellow and white copies must be returned to the above address; the pink copy should be retained by the UST owner. A written report from an environmental consultant covering all aspects of closure and site assessment, complete with photographs and any other relevant data, must accompany this form. All procedures must be conducted by qualified personnel - including training required by 29 CFR 1910.120. Documentation of all methods and materials used must be adequate. All work must be performed in compliance with DEC policy "UST Closure and Site Assessment Requirements" as well as all applicable statutes, regulations, and additional policies. The DEC may reject inadequate closure forms and reports.

Section A. Facility Information:
Name of Facility: BURGESS BROS CONSTRUCTION Number of Employees: 20
Street address of facility: BURGESS ROAD
Owner of UST(s) to be closed: BURGESS BROS CONST.
Name of Contact and telephone number if different from owner: JIM SAUER 802-442-4828
Mailing address of owner: BURGESS ROAD BENNINGTON VERMONT 05201
Telephone number of owner: 802-442-4828

Section B. UST Closure Information: (please check one)
Reason for initiating UST Closure: ___ Suspected Leak ___ Liability ___ Replacement X Abandoned
Which portion of UST is being closed: ___ Tanks ___ Piping X Tanks & Piping
USTs undergoing permanent closure. Include condition and if leaks were found:

UST#	Product	Size (gallons)	Tank age	Tank condition	Piping age	Piping condition
1	GASOLINE	2000	UNKNOWN	FAIR/GOOD	UNKNOWN	GOOD

Which tanks, if any, will be closed in-place (must have approval from DEC)
Disposal/destruction of removed UST(s):
Location ON SITE - BURGESS LANDFILL Date 11/25/95 Method DESTRUCTION Date 11/25/95
Amount (gal.) and type of waste generated from USTs: NONE
Tank cleaning company (must be trained in confined space entry):
Certified hazardous waste hauler (tank contents are hazardous waste unless recovered and usable product):
Hazardous waste generator ID number:

USTs not closed. This portion must be filled in to include all USTs, regardless of size, and status, *whether 'abandoned', "in use", "to be installed", or "not aware of any other tanks on-site". Remember: most new installations require permits and advance notice to this office.

UST#	Product	Size (gallons)	Tank age	*Tank Status	Piping Age	*Piping Status
2	FUEL OIL	500	5 YRS ±	IN USE	SAME	IN USE
3	GASOLINE	8000				
4	DIESEL	10000				
5						

Section C. Initial site characterization:
Work in this section must be completed by a professional environmental consultant or hydrogeologist with experience in environmental sampling for the presence of hazardous materials. A full report from the consultant must accompany this form.
Excavation size (ft²): 1600 Excavation depth (ft): 8 Soil type: DENSE SAND/SILTY GRAVEL Bedrock depth (ft): ?
PID Information: Make: TRACE TECTOR Model:

Burgess Bros 11/25/95

) Calibration information: Date 11/25/95 Time 8:30AM Type of Gas Hexane
Contamination detected with PID (ppm): Yes Peak 60 ppm Depth of peak (ft) 5 Avg 15 ppm
Soil samples collected for laboratory analysis? Yes ____ # of samples ____ No X
(Locations and depth of all readings and samples on diagram)

Have soils been polyencapsulated on site? Yes ____ list amount (cu. yds.): ____ No X
Have any soils been transported off site? Yes ____ list amount (cu. yds.): ____ No X
cation transported to (name & location): ____
me of DEC official granting approval to transport soils: ____ Date: / /
Amount of soils backfilled (cu. yds.): 60 cy Avg. PID 15 ppm
Have limits of contamination been defined? Yes ____ No X
e you aware of any other contaminants which may be present? Yes ____ No X
mments: ____

Free phase product encountered? Yes ____ thickness ____ No X
Groundwater encountered? Yes ____ depth(ft) ____ No X

ere there existing monitoring wells on site? Yes X (# samples taken ___) No ____
Have new monitoring wells been installed? Yes ____ (# samples taken ___) No X
Samples collected from monitoring wells for lab analysis? Yes ____ No X
(Include well location, headspace readings, and laboratory results if applicable in a seperate report and on the site diagram)
there a water supply well or spring on site? Yes ____ (check type: shallow ___ rock ___ spring ___) No X
ow many public water supply wells are located within a 0.5 mile radius? no min. distance (ft): ____
How many private water supply wells are located within a 0.5 mile radius? 1 min. distance (ft): 1/4 mile
What receptors have been impacted? X soil ___ indoor air ___ groundwater ___ surface water ___ water supply

ction D. Statements of UST closure compliance: (must have both signatures or site assessment not complete)
As the party responsible for compliance with the Vermont UST Regulations and related statutes at this facility, I hereby certify that all of the information provided on this form is true and correct to the best of my knowledge.

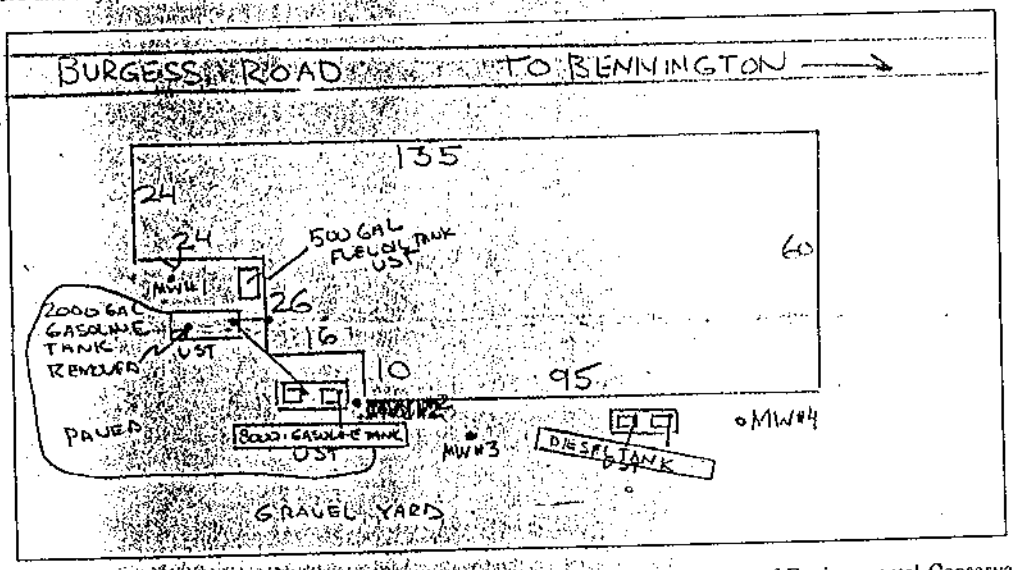
Signature of UST owner or owner's authorized representative Date: 12/5/95

the environmental consultant on site, I hereby certify that the site assessment requirements were performed in cordance with DEC policy and regulations, and that information which I have provided on this form is true and correct to the best of my knowledge.

Signature of Environmental Consultant Date: 12/3/95

SITE DIAGRAM

low location of all tanks and distance to permanent structures, sample points, areas of contamination, potential ceptors and any pertinent site information. Indicate North arrow and major street names or route number.



eturn form along with complete narrative report and photographs to the Department of Environmental Conservation, nderground Storage Tank Program within 72 hours of closure.