

APR 08 1992

Tyree Brothers Environmental Services, Inc.

208 Route 109, Farmingdale, NY 11735 • Fax: 516-249-3281 • Phone: 516-249-3150

April 3, 1992

Department of Environmental Conservation
Hazardous Materials Division
103 South Main Street/West Building
Waterbury, Vermont 05671-0404

Attn: Charles B. Schwer

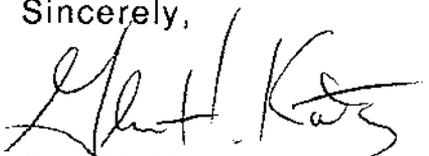
Re: Former Getty Service Station
130 Grove Street, Rutland, VT
Site #91-1180

Dear Mr. Schwer:

Enclosed please find one (1) copy of the Subsurface Investigation performed at the above-referenced property to assess environmental impacts associated with the recent removal of underground storage tanks. The Subsurface Investigation was performed at the request of the VTDEC following the submission of a Tank Closure Assessment. A work plan was approved prior to the commencement of work. We are requesting closure of the property. Please advise us as to the status of the property after your review.

If you have any questions or would like to discuss this matter in greater detail, please do not hesitate contact me at (526) 249-3150, extension 222.

Sincerely,



Glen H. Katz
Hydrogeologist/Project Manager

GHK/jmf
enc.

cc: J. Kelley, Getty Petroleum Corp.

SUBSURFACE INVESTIGATION
OF
FORMER GETTY SERVICE STATION
130 GROVE STREET
RUTLAND, VERMONT

FEBRUARY 1992

PREPARED FOR:

JOSEPH KELLY
GETTY PETROLEUM CORPORATION
49 RIVERSIDE DRIVE
RENNSELAER, N.Y. 12144

PREPARED BY:
GLEN H. KATZ
TYREE BROTHERS ENVIRONMENTAL SERVICES, INC.
208 ROUTE 109
FARMINGDALE, NEW YORK 11735
(516) 249-3150

REVIEWED BY: Patrick O Vargo
Patrick O. Vargo
Director of Remediation

Tyree Brothers Environmental Services, Inc.

208 Route 109, Farmingdale, NY 11735 • Fax: 516-249-3281 • Phone: 516-249-3150

February 5, 1992

Getty Petroleum Corporation
49 Riverside Drive
Rensselaer, New York 12144

Attn.: Joseph Kelley

Re: Lake's Auto (Former Getty)
130 Grove Street
Rutland, Vermont
(Site #91-1180)

Dear Mr. Kelley:

As per your request four (4) monitoring wells were installed at the subject property on January 20, 1992. The wells were drilled to a depth of seventeen (17) feet using a CME-75 hollow stem auger drill rig. Drilling was supervised by Cliff Keller. The location of the wells are shown on the site map included in the Appendix.

Soil conditions encountered during drilling included brown fine to coarse grained sands mixed with gravel and silts (refer to boring logs in the Appendix). No petroleum odors were noted during drilling.

Split spoon samples were taken at five (5) foot depth intervals during drilling. Soil samples were placed in appropriate sampling containers for further field analysis. The sediment samples obtained during drilling were screened with a Microtip Photoionization meter using headspace analysis. This meter measures the concentrations of organic vapors in air as they evolve from the sediment samples. The numerical readouts are not exact determinations of true volatile content of the samples, but instead provide qualitative indications of the degree of volatile organic contamination (see Table 1).

Monitoring wells were constructed of four-inch diameter, thread coupled PVC SCH 40 pipe. Fifteen (15) feet of machine slotted

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screen (.020 inch openings) were placed through the water table to the bottom of the wells. Solid well casing was extended to grade. The well annuli around the screens were gravel packed using No. 2 Morie sand. Bentonite seals were placed in the annular space above the screens. The remaining annular space was then backfilled to the surface with clean well cuttings, and finished at grade with cast iron road boxes cemented flush with the surface (see well completion detail in the Appendix).

On January 27, 1992, the four (4) wells were developed with an acrylic bailer. A Hydrogeologist subsequently sampled the water from these wells. A dedicated bailer was used to sample the wells in order to avoid outside contamination. Sampling was performed as per EPA Protocol.

Field analysis performed on the samples included pH, specific conductance and salinity (see Table 2). It should be noted that the temperature probe could not be calibrated due to outside conditions.

Floating product was not noted in any of the wells. All samples were taken to Environmental Testing Laboratories (ETL) and analyzed for Halogenated Organics, Aromatic Hydrocarbons and Total Petroleum Hydrocarbons via EPA Method 601, 602 and 418.1, respectively.

The level of contaminants identified in the laboratory analysis for BTEX (EPA 602) in well 1 revealed concentrations of o,m,p xylenes (341 ppb) and ethyl/chlorobenzenes (20 ppb). It should be noted that ethyl/chlorobenzenes are not found in gasoline. In addition there is no operation at the site that utilizes these compounds. Concentrations of benzene and toluene were negligible. Dichlorobenzenes were not detected. Wells 2 and 3 revealed negligible concentrations. Well 4 contained trace concentrations of BTEX.

Halogenated organics were not detected in any of the wells. Trace amounts of total petroleum hydrocarbons (TPH) were detected in well 1. TPH was not detected in wells 2, 3 and 4. Laboratory results are included in the Appendix.

The Vermont Department of Environmental Conservation (DEC) has set groundwater standards. They are as follows:

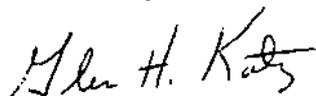
Benzene	5 ppb
Ethylbenzene	680 ppb
Toluene	2,420 ppb
Xylenes	400 ppb

Laboratory analyses indicated that the levels of contamination are substantially below state guidelines.

In addition, the monitoring wells were surveyed on January 27, 1992. Elevations of the top of the well casings were referenced to an arbitrary 100 foot datum. Measurements of depth to groundwater in the wells were taken on the same day for each well. The well casing, depth to water and water table elevations are tabulated in Table 4. The depth to water readings and survey data were used to produce the groundwater flow map included in the Appendix. Groundwater flow direction was determined to be generally northwesterly.

If you have any questions regarding the contents of this report please contact me.

Sincerely,

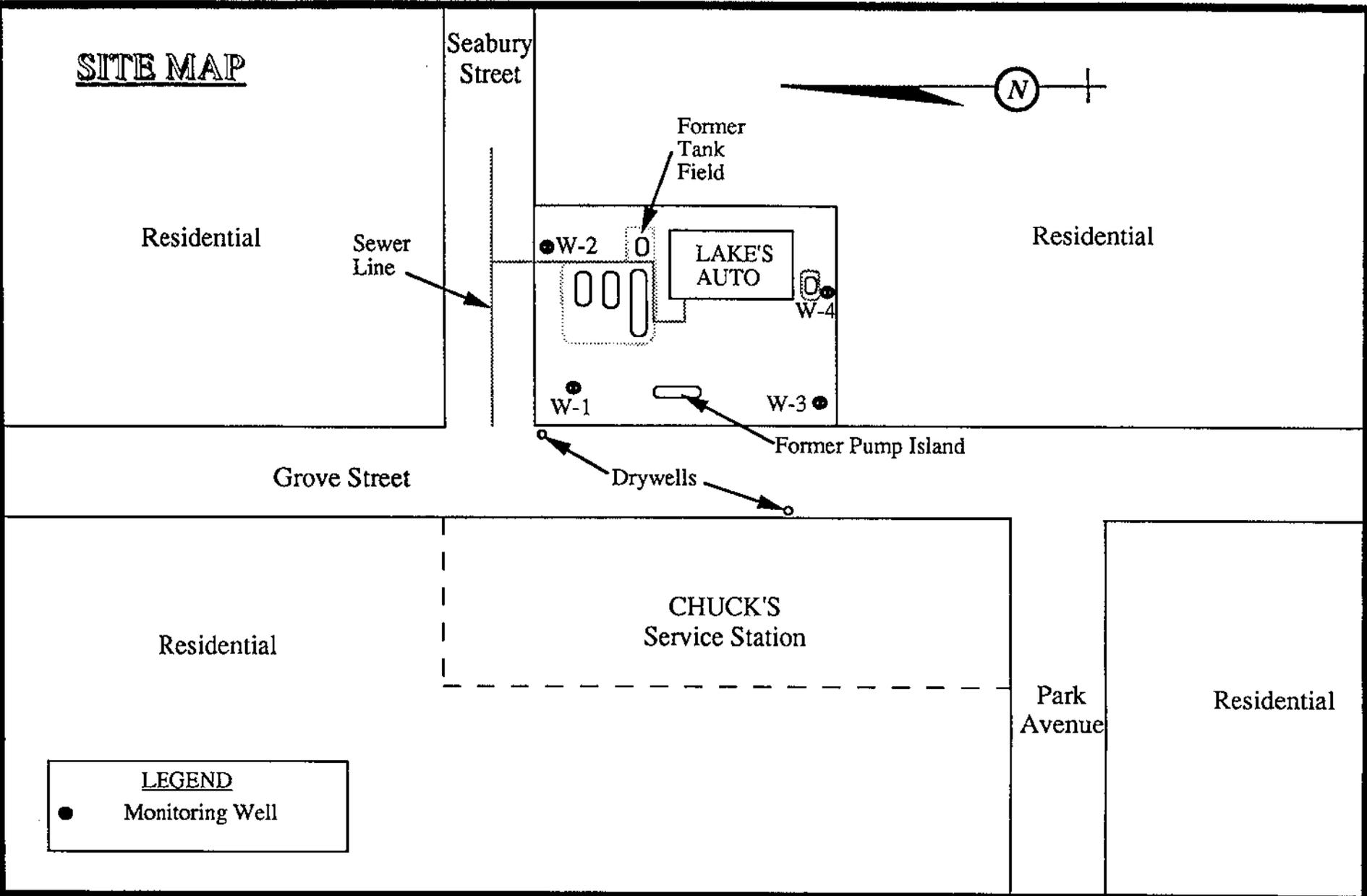


Glen H. Katz
Hydrogeologist/Project Manager

GHK
Encl.

APPENDIX

SITE MAP



LEGEND
● Monitoring Well

DRAWN BY: Glen H. Katz
SCALE: 1"=50'
DATE: 1-29-92
ID:

TITLE:
Lake's Auto (Former Getty)
130 Grove Street
Rutland, Vermont

Tyree Brothers
Environmental Services, Inc.
208 Route 109
Farmingdale, New York 11735

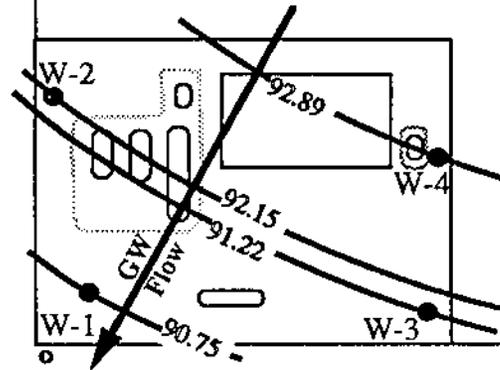
Groundwater
Flow Map

Seabury Street



Residential

Residential



Grove Street

Residential

CHUCK'S
Service Station

Park Avenue

Residential

LEGEND

- Monitoring Well
- 92.15 Water table elevation

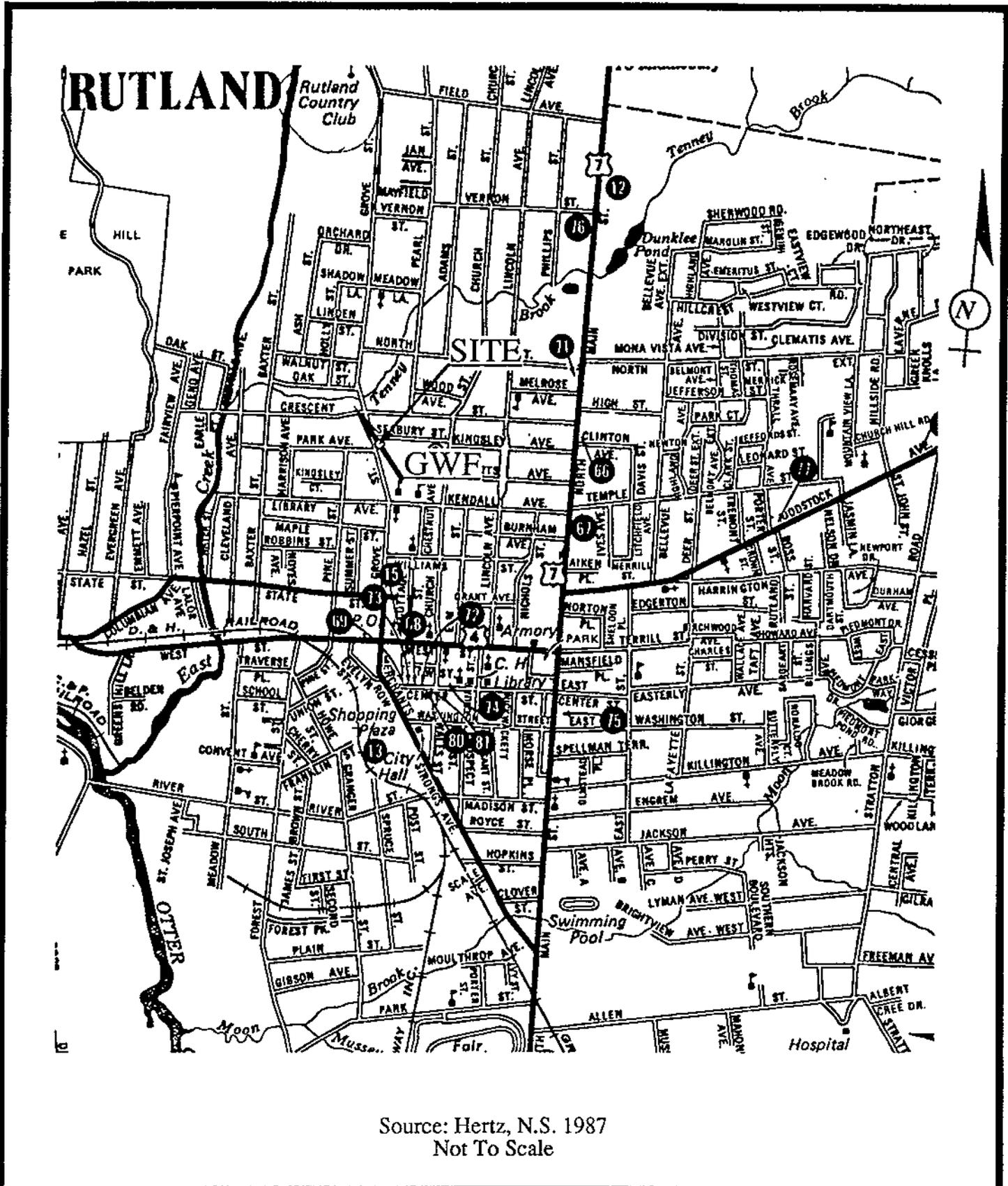
DRAWN BY: Glen H. Katz
SCALE: 1"=50'
DATE: 1-29-92
ID:

TITLE:

Lake's Auto (Former Getty)
130 Grove Street
Rutland, Vermont

**Tyree Brothers
Environmental Services, Inc.**

208 Route 109
Farmingdale, New York 11735



Source: Hertz, N.S. 1987
Not To Scale

**Tyree Brothers
Environmental Services, Inc.**

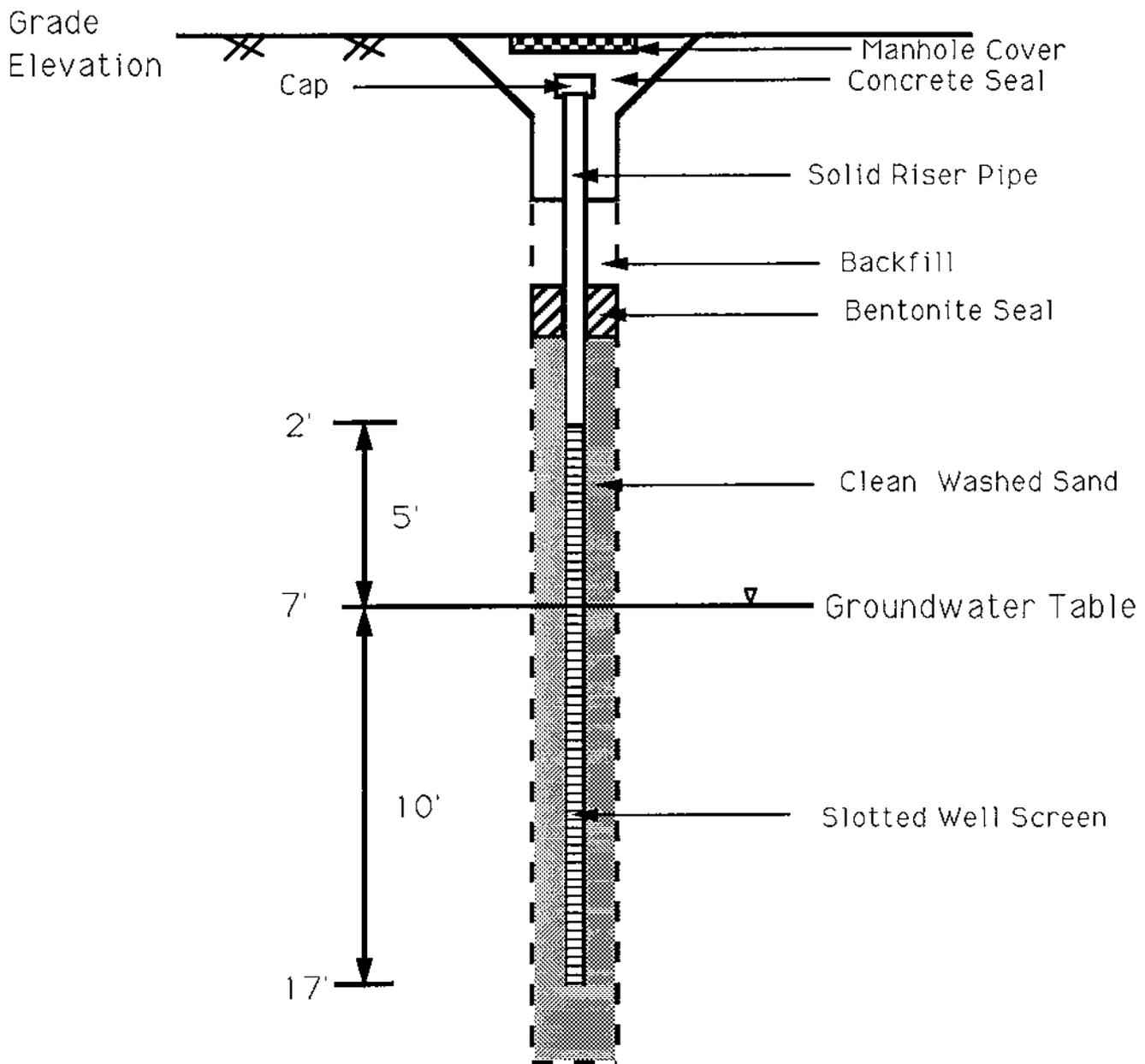
208 Route 109
Farmingdale, New York 11735

TITLE:

Lake's Auto
130 Grove Street
Rutland, Vermont

**FIGURE 1:
AREA MAP**

TYPICAL MONITORING WELL DETAIL



Not to Scale

**TYREE BROTHERS
ENVIRONMENTAL SERVICES, INC.
208 ROUTE 109 • FARMINGDALE • NEW YORK 11735**

CLIENT: Getty Petroleum Corp. LOCATION: Former Getty S/S 130 Grove Street Rutland, Vermont	Drill Rig: CME-75 Drill Method: Hollow stem auger Driller: Larry Fredricks Logged by: Cliff Keller Sample Type: Split spoon Date: 1-20-92 Weather: Cold/Snow	BORE HOLE / WELL DATA Diam.(in.): 8.25 Screen Lgt.(ft.): 15 Depth (ft.): 22 Screen Intvl.(ft.): 2-17 Casing Diam.(in.): 4 Screen Type: PVC Casing Length(ft.): 2 Screen Slot: .020 BORE NO.: WELL NO.: 1 DTW: 11'	

DEPTH BELOW (ft.) SURFACE:	OVA RDGS.	BLOW COUNTS	FIELD DESCRIPTION OF SOIL:	DRILLER'S REMARKS:
0			Brown fine to coarse grained sand and gravel mixed with a trace of silt sized particles	No petroleum odors noted
	40 ppm			Split spoon sample collected @ 0-2'
5	42 ppm			Split spoon sample collected @ 5-7'
			Gray-brown fine grained sand mixed with fine to coarse gravel and a trace of concrete	Split spoon sample collected @ 10-12'
10	42 ppm			Split spoon sample collected @ 15-17'
15	42 ppm			Split spoon sample collected @ 20-22'
			Gray-brown fine grained sand mixed with fine to coarse gravel	
20	46 ppm			
			Installed 17' well	
25				
30				
35				

**TYREE BROTHERS
ENVIRONMENTAL SERVICES, INC.
208 ROUTE 109 • FARMINGDALE • NEW YORK 11735**

CLIENT: Getty Petroleum Corp. LOCATION: Former Getty S/S 130 Grove Street Rutland, Vermont	Drill Rig: CME-75 Drill Method: Hollow stem auger Driller: Larry Fredricks Logged by: Cliff Keller Sample Type: Split spoon Date: 1-21-92 Weather: Cold/Snow	BORE HOLE / WELL DATA Diam.(in.): 8.25 Screen Lgt.(ft.): 15 Depth (ft.): 18.5 Screen Intvl.(ft.): 2-17 Casing Diam.(in.): 4 Screen Type: PVC Casing Length(ft.): 2 Screen Slot: .020 BORE NO.: WELL NO.: 2 DTW: 9'
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DEPTH BELOW (ft.) SURFACE:	OVA RDGS.	BLOW COUNTS	FIELD DESCRIPTION OF SOIL:	DRILLER'S REMARKS:
0				
5	43 ppm		Brown fine to medium grained sand and fine to coarse grained gravel mixed with a trace of silt sized particles	No petroleum odors noted Split spoon sample collected @ 5-7'
10	40 ppm		Light brown fine grained sand mixed with fine to coarse gravel	Split spoon sample collected @ 10-12'
15	40 ppm			Split spoon sample collected @ 15-17'
20			Installed 17' well	
25				
30				
35				

**TYREE BROTHERS
ENVIRONMENTAL SERVICES, INC.
208 ROUTE 109 • FARMINGDALE • NEW YORK 11735**

CLIENT: Getty Petroleum Corp. LOCATION: Former Getty S/S 130 Grove Street Rutland, Vermont	Drill Rig: CME-75 Drill Method: Hollow stem auger Driller: Larry Fredricks Logged by: Cliff Keller Sample Type: Split spoon Date: 1-21-92 Weather: Cold/Snow	BORE HOLE / WELL DATA Diam.(in.): 8.25 Screen Lgt.(ft.): 15 Depth (ft.): 18.5 Screen Intvl.(ft.): 2-17 Casing Diam.(in.): 4 Screen Type:PVC Casing Length(ft.): 2 Screen Slot:.020 BORE NO.: WELL NO.: 3 DTW: 9'
---	---	--

DEPTH BELOW SURFACE (ft.)	OVA RDGS.	BLOW COUNTS	FIELD DESCRIPTION OF SOIL:	DRILLER'S REMARKS:
0				No petroleum odors noted
5	35 ppm		Brown fine to medium grained sand and fine to coarse grained gravel mixed with a trace of silt sized particles	Split spoon sample collected @ 5-7'
10	38 ppm			Split spoon sample collected @ 10-12'
15	40 ppm		Gray-brown fine to medium grained sand and fine to medium grained gravel mixed with a trace of silt sized particles	Split spoon sample collected @ 15-17'
20			Installed 17' well	
25				
30				
35				

**TYREE BROTHERS
ENVIRONMENTAL SERVICES, INC.
208 ROUTE 109 • FARMINGDALE • NEW YORK 11735**

CLIENT: Getty Petroleum Corp. LOCATION: Former Getty S/S 130 Grove Street Rutland, Vermont	Drill Rig: CME-75 Drill Method: Hollow stem auger Driller: Larry Fredricks Logged by: Cliff Keller Sample Type: Split spoon Date: 1-21-92 Weather: Cold/Snow	BORE HOLE / WELL DATA Diam.(in.): 8.25 Screen Lgt.(ft.): 15 Depth (ft.): 18.5 Screen Intvl.(ft.): 2-17 Casing Diam.(in.): 4 Screen Type: PVC Casing Length(ft.): 2 Screen Slot: .020 BORE NO.: WELL NO.: 4 DTW: 9'	

DEPTH BELOW SURFACE (ft.)	OVA RDGS.	BLOW COUNTS	FIELD DESCRIPTION OF SOIL:	DRILLER'S REMARKS:
0				
				No petroleum odors noted
5	36 ppm		Brown fine to medium grained sand and fine to coarse grained gravel mixed with a trace of silt sized particles	Split spoon sample collected @ 5-7'
10	34 ppm			Split spoon sample collected @ 10-12'
15	38 ppm		Gray-brown fine to medium grained sand mixed with fine to medium grained gravel and a trace of silt sized particles	Split spoon sample collected @ 15-17'
20			Installed 17' well	
25				
30				
35				

TABLE 1: Results of soil samples screened with a MICROTIP photoionization meter using head space analysis.

SITE: LAKE'S AUTO (FORMER GETTY S/S)
 130 Grove Street
 Rutland, Vermont

DATE: JANUARY 27, 1992

WELL #	SAMPLE DEPTH (FT.)	ORGANIC VAPOR CONCENTRATION (PPM)	COMMENTS
1	0-2	40	NO ODOR
	5-7	42	
	10-12	42	
	15-17	42	
	20-22	46	
2	5-7	43	NO ODOR
	10-12	40	
	15-17	41	
3	5-7	35	NO ODOR
	10-12	38	
	15-17	40	
4	5-7	36	NO ODOR
	10-12	34	
	15-17	38	

TABLE 2: RESULTS OF FIELD ANALYSIS

SITE: LAKE'S AUTO (FORMER GETTY S/S)
130 Grove Street
Rutland, Vermont

DATE: JANUARY 27, 1992

WELL #	Specific Conductance @25°C	pH	Salinity (ppt)
1	1100	8.0	1
2	1900	8.0	1
3	800	8.0	1
4	1000	8.0	1

TABLE 3: SUMMARY OF ANALYTICAL RESULTS

SITE: LAKE'S AUTO
130 Grove Street
Rutland, VT.

SAMPLING DATE: January 27, 1992

SAMPLE TYPE: Liquid

PARAMETER	1	2	3	4
Benzene (ppb)	<1	<1	<1	<1
Toluene (ppb)	<1	<1	<1	2.0
Ethyl/Chlorobenzene (ppb)	20	ND	ND	1.7
Xylenes (ppb)	341	<1	<1	2.9
Dichlorobenzenes (ppb)	ND	ND	ND	ND
TOTAL PETROLEUM HYDROCARBONS (PPM) (EPA 418.1)	1	ND	ND	ND

ND = NOT DETECTED

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ANALYSIS REPORT - EPA 602 • SW-846 8020

Page 1

01/29/92

Reviewed by: *K. Katz*

Project Location

Getty S/S
130 Grove Street
Rutland, VT
Sampled by: Glen Katz

Dates

Collected: 01/27/92
Received: 01/28/92
Analyzed: 01/28/92

Sample ID	Location	Analyte	() MDL	Concentration
A910101.....	Well 1	Benzene	0.2	<1 ppb
	Sample phase: Liquid	Toluene	0.2	<1 ppb
	Remarks:	Ethyl/Chlorobenzene	0.2	20 ppb
		o,m,p-Xylenes	0.2	341 ppb
		Dichlorobenzenes	0.2	ND ppb
		EPA 602 • SW-846 8020		361 - 363 ppb
A910102.....	Well 2	Benzene	0.2	<1 ppb
	Sample phase: Liquid	Toluene	0.2	<1 ppb
	Remarks:	Ethyl/Chlorobenzene	0.2	ND ppb
		o,m,p-Xylenes	0.2	<1 ppb
		Dichlorobenzenes	0.2	ND ppb
		EPA 602 • SW-846 8020		0 - 3 ppb
A910103.....	Well 3	Benzene	0.2	<1 ppb
	Sample phase: Liquid	Toluene	0.2	<1 ppb
	Remarks:	Ethyl/Chlorobenzene	0.2	ND ppb
		o,m,p-Xylenes	0.2	<1 ppb
		Dichlorobenzenes	0.2	ND ppb
		EPA 602 • SW-846 8020		0 - 3 ppb

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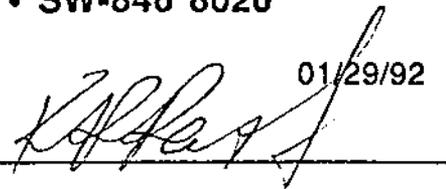
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ANALYSIS REPORT - EPA 602 • SW-846 8020

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01/29/92

Reviewed by: 

Project Location

Getty S/S

130 Grove Street

Rutland, VT

Sampled by: Glen Katz

Dates

Collected: 01/27/92

Received: 01/28/92

Analyzed: 01/28/92

Sample ID	Location	Analyte	() MDL	Concentration
A910104.....	Well 4	Benzene	0.2	<1 ppb
Sample phase:	Liquid	Toluene	0.2	2.0 ppb
Remarks:		Ethyl/Chlorobenzene	0.2	1.7 ppb
		o,m,p-Xylenes	0.2	2.9 ppb
		Dichlorobenzenes	0.2	ND ppb
		EPA 602 • SW-846 8020		6.6 - 7.6 ppb

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND= Not Detected; B=in blank
NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined

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ANALYSIS REPORT - Total Pet. Hydrocarbons

Page 1

Reviewed by: *[Signature]*

01/29/92

Project Location

Getty S/S
130 Grove Street
Rutland, VT
Sampled by: Glen Katz

Dates

Collected: 01/27/92
Received: 01/28/92
Analyzed: 01/28/92

Sample ID	Location	Analyte	() MDL	Concentration
A910101..... Sample phase: Liquid Remarks:	Well 1	Total Recoverable Petroleum Hydrocarbon	1	1 ppm
A910102..... Sample phase: Liquid Remarks:	Well 2	Total Recoverable Petroleum Hydrocarbon	1	ND ppm
A910103..... Sample phase: Liquid Remarks:	Well 3	Total Recoverable Petroleum Hydrocarbon	1	ND ppm
A910104..... Sample phase: Liquid Remarks:	Well 4	Total Recoverable Petroleum Hydrocarbon	1	ND ppm

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND= Not Detected; B=in blank
NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined

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ANALYSIS REPORT - EPA 601 - SW 846-8010

Page 1

01/29/92

Reviewed by: K. Katz

Project Location

Getty S/S
130 Grove Street
Rutland, VT

Sampled by: Glen Katz

Dates

Collected: 01/27/92
Received: 01/28/92
Analyzed: 01/28/92

Sample ID	Location	Analyte	() MDL	Concentration
A910101.....	Well 1	1,3 Dichlorobenzene	0.32	ND ppb
Sample phase:	Liquid	1,4 Dichlorobenzene	0.24	ND ppb
Remarks:		1,2 Dichlorobenzene	0.15	ND ppb
		Dichlorodifluoromethane	1.81	ND ppb
		Chloromethane	0.08	ND ppb
		Vinyl Chloride	0.18	ND ppb
		Bromomethane	1.18	ND ppb
		Chloroethane	0.52	ND ppb
		Trichlorofluoromethane	nd	ND ppb
		1,1 Dichloroethene	0.13	ND ppb
		Methylene Chloride	0.25	ND ppb
		t-1,2 Dichloroethene	0.1	ND ppb
		1,1 Dichloroethane	0.13	ND ppb
		Chloroform	0.05	ND ppb
		1,1,1 Trichloroethane	0.03	ND ppb
		Carbon Tetrachloride	0.12	ND ppb
		1,2 Dichloroethane	0.03	ND ppb
		Trichloroethene	0.03	ND ppb
		1,2 Dichloropropane	0.04	ND ppb
		Bromodichloromethane	0.1	ND ppb
		2 Chloroethylvinylether	0.13	ND ppb
		cis 1,3 Dichloropropene	0.34	ND ppb
		t-1,3 Dichloropropene	0.34	ND ppb
		1,1,2 Trichloroethane	0.02	ND ppb
		Tetrachloroethene	0.03	ND ppb
		Dibromochloromethane	0.09	ND ppb
		Bromoform	0.2	ND ppb
		1,1,2,2,Tetrachloroethane	0.03	ND ppb
		Chlorobenzene	0.25	ND ppb

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ANALYSIS REPORT - EPA 601 - SW 846-8010

Page 2

01/29/92

Reviewed by: 

Project Location

Getty S/S
130 Grove Street
Rutland, VT

Sampled by: Glen Katz

Dates

Collected: 01/27/92
Received: 01/28/92
Analyzed: 01/28/92

Sample ID	Location	Analyte	() MDL	Concentration
A910102.....	Well 2	1,3 Dichlorobenzene	0.32	ND ppb
Sample phase: Liquid		1,4 Dichlorobenzene	0.24	ND ppb
Remarks:		1,2 Dichlorobenzene	0.15	ND ppb
		Dichlorodifluoromethane	1.81	ND ppb
		Chloromethane	0.08	ND ppb
		Vinyl Chloride	0.18	ND ppb
		Bromomethane	1.18	ND ppb
		Chloroethane	0.52	ND ppb
		Trichlorofluoromethane	nd	ND ppb
		1,1 Dichloroethene	0.13	ND ppb
		Methylene Chloride	0.25	ND ppb
		t-1,2 Dichloroethene	0.1	ND ppb
		1,1 Dichloroethane	0.13	ND ppb
		Chloroform	0.05	ND ppb
		1,1,1 Trichloroethane	0.03	ND ppb
		Carbon Tetrachloride	0.12	ND ppb
		1,2 Dichloroethane	0.03	ND ppb
		Trichloroethene	0.03	ND ppb
		1,2 Dichloropropane	0.04	ND ppb
		Bromodichloromethane	0.1	ND ppb
		2 Chloroethylvinylether	0.13	ND ppb
		cis 1,3 Dichloropropene	0.34	ND ppb
		t-1,3 Dichloropropene	0.34	ND ppb
		1,1,2 Trichloroethane	0.02	ND ppb
		Tetrachloroethene	0.03	ND ppb
		Dibromochloromethane	0.09	ND ppb
		Bromoform	0.2	ND ppb
		1,1,2,2,Tetrachloroetha	0.03	ND ppb
		Chlorobenzene	0.25	ND ppb

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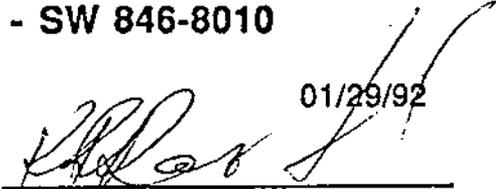
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ANALYSIS REPORT - EPA 601 - SW 846-8010

Page 3

01/29/92

Reviewed by: 

Project Location

Getty S/S
130 Grove Street
Rutland, VT
Sampled by: Glen Katz

Dates

Collected: 01/27/92
Received: 01/28/92
Analyzed: 01/28/92

Sample ID	Location	Analyte	() MDL	Concentration
A910103.....	Well 3	1,3 Dichlorobenzene	0.32	ND ppb
	Sample phase: Liquid	1,4 Dichlorobenzene	0.24	ND ppb
	Remarks:	1,2 Dichlorobenzene	0.15	ND ppb
		Dichlorodifluoromethane	1.81	ND ppb
		Chloromethane	0.08	ND ppb
		Vinyl Chloride	0.18	ND ppb
		Bromomethane	1.18	ND ppb
		Chloroethane	0.52	ND ppb
		Trichlorofluoromethane	nd	ND ppb
		1,1 Dichloroethene	0.13	ND ppb
		Methylene Chloride	0.25	ND ppb
		t-1,2 Dichloroethene	0.1	ND ppb
		1,1 Dichloroethane	0.13	ND ppb
		Chloroform	0.05	ND ppb
		1,1,1 Trichloroethane	0.03	ND ppb
		Carbon Tetrachloride	0.12	ND ppb
		1,2 Dichloroethane	0.03	ND ppb
		Trichloroethene	0.03	ND ppb
		1,2 Dichloropropane	0.04	ND ppb
		Bromodichloromethane	0.1	ND ppb
		2 Chloroethylvinylether	0.13	ND ppb
		cis 1,3 Dichloropropene	0.34	ND ppb
		t-1,3 Dichloropropene	0.34	ND ppb
		1,1,2 Trichloroethane	0.02	ND ppb
		Tetrachloroethene	0.03	ND ppb
		Dibromochloromethane	0.09	ND ppb
		Bromoform	0.2	ND ppb
		1,1,2,2-Tetrachloroetha	0.03	ND ppb
		Chlorobenzene	0.25	ND ppb

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01/29/92

Reviewed by: *[Signature]*

Project Location

Getty S/S
130 Grove Street
Rutland, VT
Sampled by: Glen Katz

Dates

Collected: 01/27/92
Received: 01/28/92
Analyzed: 01/28/92

Sample ID	Location	Analyte	() MDL	Concentration
A910104.....	Well 4	1,3 Dichlorobenzene	0.32	ND ppb
Sample phase:	Liquid	1,4 Dichlorobenzene	0.24	ND ppb
Remarks:		1,2 Dichlorobenzene	0.15	ND ppb
		Dichlorodifluoromethane	1.81	ND ppb
		Chloromethane	0.08	ND ppb
		Vinyl Chloride	0.18	ND ppb
		Bromomethane	1.18	ND ppb
		Chloroethane	0.52	ND ppb
		Trichlorofluoromethane	nd	ND ppb
		1,1 Dichloroethene	0.13	ND ppb
		Methylene Chloride	0.25	ND ppb
		t-1,2 Dichloroethene	0.1	ND ppb
		1,1 Dichloroethane	0.13	ND ppb
		Chloroform	0.05	ND ppb
		1,1,1 Trichloroethane	0.03	ND ppb
		Carbon Tetrachloride	0.12	ND ppb
		1,2 Dichloroethane	0.03	ND ppb
		Trichloroethene	0.03	ND ppb
		1,2 Dichloropropane	0.04	ND ppb
		Bromodichloromethane	0.1	ND ppb
		2 Chloroethylvinylether	0.13	ND ppb
		cis 1,3 Dichloropropene	0.34	ND ppb
		t-1,3 Dichloropropene	0.34	ND ppb
		1,1,2 Trichloroethane	0.02	ND ppb
		Tetrachloroethene	0.03	ND ppb
		Dibromochloromethane	0.09	ND ppb
		Bromoform	0.2	ND ppb
		1,1,2,2,Tetrachloroetha	0.03	ND ppb
		Chlorobenzene	0.25	ND ppb

ppb=ug/L,ug/Kg; ppm=mg/L,mg/Kg; ND= Not Detected; B=in blank
NA=Not Analyzed;MDL=Method Detection Limit;nd=Not Determined

Member



Tyree
Environmental
Technologies

TABLE 4: WELL GAUGING DATA

Site: LAKE'S AUTO (FORMER GETTY S/S)
130 Grove Street
Rutland, Vermont

Date: January 27, 1992

Well#	Casing Elevation (ft.)	Depth To Water(ft.)	Product Thickness (ft.)	Water Table Elevation *
1	98.12	7.54	0	90.75
2	99.43	7.28	0	92.15
3	98.93	7.71	0	91.22
4	99.27	6.38	0	92.89

* Water Table Elevations are relative to a chosen benchmark which is assigned an elevation of 100'.

Benchmark - Northwest corner of building