

GIS Registry Information

This GIS Registry information was collected by DNR from existing documentation contained in a previously closed case file.

This case was closed by the DNR prior to August 1, 2002, when DNR began adding approved cleanups with residual soil contamination into the GIS Registry. Certain documents that are currently required by ch. NR 726, Wis. Adm. Code may, therefore, be unavailable.

DNR added this information to the GIS Registry to provide the public with information on closed sites with residual soil and/or groundwater contamination remaining above applicable state standards.

To review the complete file you may contact the West Central Regional Environmental Program Associate at 715-839-2784.

GIS REGISTRY INFORMATION

SITE NAME: Michaelis Auto Service

BRRTS #: 03-09-000433 **FID #:** 609095850

COMMERCE #: 54724999920

CLOSURE DATE: 09/04/1998

STREET ADDRESS: 620 Main St.

CITY: Bloomer

SOURCE PROPERTY Locational COORDINATES (meters in WTM91 projection): X= 402893 Y= 516102

CONTAMINATED MEDIA: Groundwater Soil Both

OFF-SOURCE GW CONTAMINATION >ES: Yes No

IF YES, STREET ADDRESS 1: _____

Locational COORDINATES (meters in WTM91 projection): X= _____ Y= _____

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): Yes No

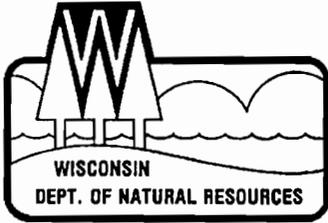
IF YES, STREET ADDRESS 1: _____

Locational COORDINATES (meters in WTM91 projection): X= _____ Y= _____

CONTAMINATION IN RIGHT OF WAY: Yes No

DOCUMENTS NEEDED:

- Closure Letter, and any conditional closure letter or denial letter issued X
- Copy of any maintenance plan referenced in the final closure letter. NA
- Copy of (soil or land use) deed notice *if any required as a condition of closure* X
- Copy of most recent deed, including legal description, for all affected properties NA
- Certified survey map or relevant portion of the recorded plat map *(if referenced in the legal description)* for all affected properties NA
- County Parcel ID number, *if used for county*, for all affected properties X
- Location Map** which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site. X
- Detailed Site Map(s) for all affected properties**, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs. X
- Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)** X
- Tables of Latest Soil Analytical Results (no shading or cross-hatching)** X
- Isoconcentration map(s), if required for site investigation (SI)** (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map. NA
- GW: Table of water level elevations, with sampling dates, and free product noted if present** X
- GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)** X
- SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour** NA
- Geologic cross-sections, if required for SI.** (8.5x14" if paper copy) NA
- RP certified statement that legal descriptions are complete and accurate** NA
- Copies of off-source notification letters (if applicable)** NA
- Letter informing ROW owner of residual contamination (if applicable)**(public, highway or railroad ROW) NA



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, WI 54702-4001
TELEPHONE 715-839-3700
FAX 715-839-6076/1605
TTY 715-839-2786

September 8, 1998

Site Ref: #03-09-000433
Chippewa County

Mr. Ronald Michaelis
Michaelis Auto Service
620 Main Street
Bloomer, WI 54724

SUBJECT: Site Closure for Michaelis Auto Service Located at 620 Main Street, Bloomer, WI

Dear Mr. Michaelis:

I have received a copy of the recorded groundwater use deed restriction for Michaelis Auto Service. This site is now closed.

Based on the investigative and remedial documentation provided to the Department, it appears that the contamination at the above-named site has been remediated in compliance with the requirements of chs. NR 700 to 724, Wisconsin Administrative Code. Therefore, the Department considers the case "closed," having determined pursuant to ch. NR 726, Wisconsin Administrative Code, that no further action is necessary at the site.

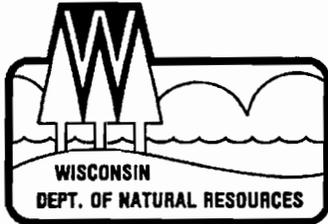
If you have any questions concerning this letter, please contact me at (715) 839-3775.

Sincerely,


John R. Grump
Hydrogeologist

JRG/ah

c: Bill Evans
Mitch Evenson, Cedar



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, WI 54702-4001
TELEPHONE 715-839-3700
FAX 715-839-6076/1605
TTY 715-839-2786

June 22, 1998

Site Ref: #03-09-000433
Chippewa County

Mr. Ronald Michaelis
Michaelis Auto Service
620 Main Street
Bloomer, WI 54724

SUBJECT: Conditional Site Closure for Michaelis Auto Service Located in Bloomer, WI

On October 9, 1990, the Department of Natural Resources provided a notice to you that the degree and extent of petroleum contamination at the above-named site was required to be investigated and remediated. We have since been informed that the required investigation and remediation have been accomplished. Therefore, the site was reviewed by the West Central Region Closeout Committee on June 17, 1998, for a determination as to whether or not the case qualified for closeout under ch. NR 726, Wisconsin Administrative Code.

The Regional Closeout Committee has determined that the requirements in NR 726.05(2)(b), Wisconsin Administrative Code, have been satisfied. Consequently, closure has been granted if a groundwater use restriction which meets the requirements of NR 726.05(8)(am), Wisconsin Administrative Code, is recorded with the County Register of Deeds within thirty (30) days. In addition, the restoration time frame calculation which complies with NR 722.07, Wisconsin Administrative Code, must be submitted. Upon receipt of this recorded restriction and the restoration time frame, the Department will consider this site closed having determined that no further action is necessary at this site. If additional information regarding this site indicates that it poses a threat to public health, safety, welfare or the environment, this case may be reopened pursuant to NR 726.09, Wisconsin Administrative Code. A copy of a model groundwater use restriction document is enclosed. This model must be used to formulate your site-specific document. A draft of your deed restriction must be submitted for review by our legal counsel. Based on that review, any necessary changes must be made prior to recording with the county.

Mr. Ronald Michaelis - June 22, 1998

If you have additional, relevant information which was not formerly provided to the Department, and which you feel would significantly impact the Department's closure decision, you may submit that information for our re-evaluation of case closure.

If you have any questions concerning this letter, please contact me at (715) 839-3775.

Sincerely,



John R. Grump
Hydrogeologist

JRG/ah

Enclosure

c: Bill Evans
Mitch Evenson, Cedar

Document Number

Ground Water Use Restriction

Marge L. Geissler

Part of the Northwest 1/4 of the Southwest 1/4 of Section 4, Township 30 North, Range 9 West, described as follows:

Commencing at the northwest corner of the Northwest 1/4 of the Southwest 1/4 above described; running thence East along the North line of said forty; 133 feet; thence South 604 feet to the point of beginning of the land herein described; thence continuing South 166 feet; thence West 100 feet; more or less to the East line of US Highway 53; thence North along the East line of US Highway 53 to a point due West of the point of beginning; thence East 100 feet more or less to the point of beginning.

'98 AUG 14 PM 3 10

MARGE L. GEISSLER
REGISTER OF DEEDS
CHIPPEWA COUNTY WI

As recorded in Volume 399, Records Page 589 as Document 366583, Chippewa County, Wisconsin.

RECORDING AREA

NAME and RETURN ADDRESS

ROD MICHAELIS
921 14th AVE
BLOOMER, WI 54724
\$10.00 PD
CASH

Declaration of Restrictions

STATE OF WISCONSIN)
) SS
COUNTY OF CHIPPEWA)

23009-0432-0475-0000 Parcel ID Number

WHEREAS, Ronald Michaelis is the owner of the above described property.

WHEREAS, one or more gasoline discharges have occurred at this property. Benzene contaminated ground water above ch. NR140, Wis. Adm. Code enforcement standards exists on this property at the following location:

In and immediately adjacent to the underground storage tank basin and the existing pump islands. Benzene contamination has been identified in the ground water at this location at 7.42 ppb based on sampling completed on December 1, 1997.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct additional ground water or soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate ground water exceeding ch. NR140, Wis. Adm. Code ground water standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality exceeds the drinking water standards in ch. 809, Wis. Adm. Code is restricted by ch. NR811, Wis. Adm. Code and ch. NR812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Ground Water, or its successor agency, to determine what specific requirements are applicable prior to constructing or reconstructing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, device, purchase, or otherwise. This restriction benefits and is enforceable by, the Wisconsin Department of Natural Resources, its successors and assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that the restrictions set forth in this covenant are no longer required. Upon receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, can be recorded to give notice that this ground water use restriction is no longer binding.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 14th day of August, 1998.

Signature: *Ronald Michaelis*

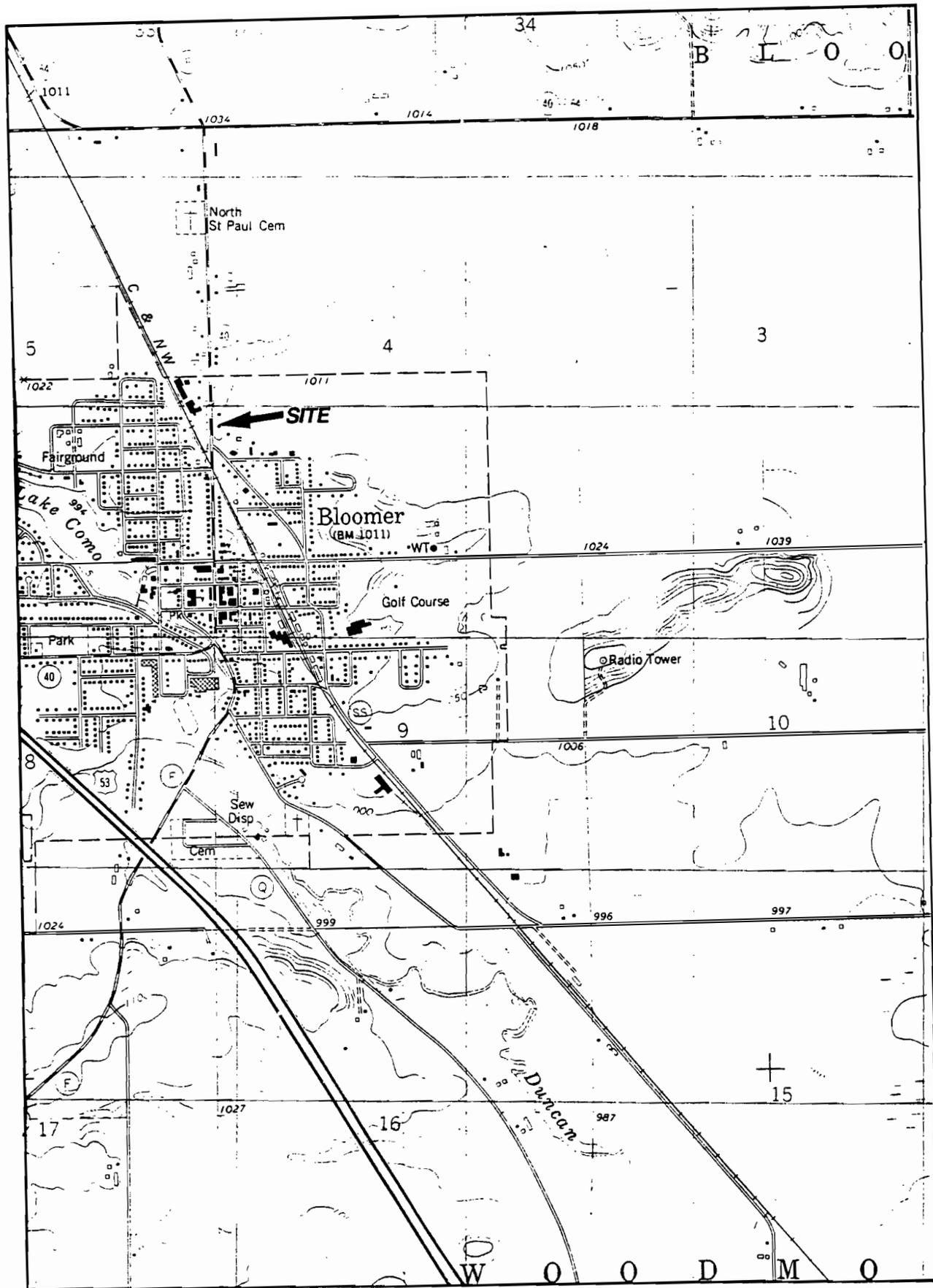
Printed Name: Ronald Michaelis

[When appropriate], Title: _____

Subscribed and sworn to before me this 14th day of August, 1998.

Notary Public, State of Wisconsin

My commission September 6, 1998



SITE LOCATION MAP

FIGURE 1

N:\sds\proj\ENV\DWG\msite 6-9-98 9:26:33 am CST

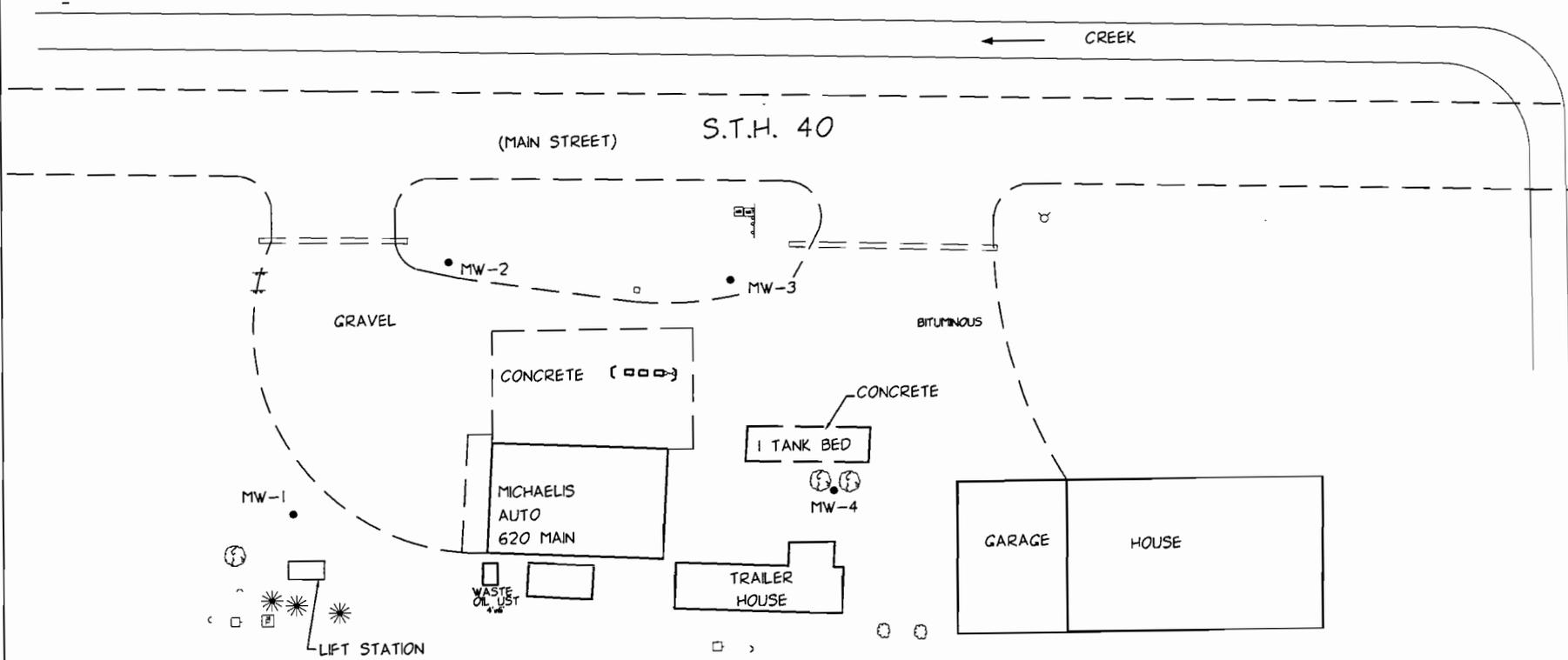


JOB NO.	1388-002-60
BOOK NO.	CEDAR CORP.
DRAWN BY	MAP/PKF
CHECKED BY	EAW
DATE	3-7-98
REVISIONS	JUNE '98
DWG FILE	MSITE.DWG

architects • engineers • environmental specialists
Cedar corporation
 land surveys • planners • landscape architects
 804 West Green
 Bloomer, Wisconsin 54801
 PHONE 715-252-4441
 FAX 715-252-4779

MICHAELIS AUTO
 SITE MAP
 BLOOMER, WI

SHEET NO.
 FIGURE 2



Sample locations - Excavation 1992



SITE FEATURES MAP

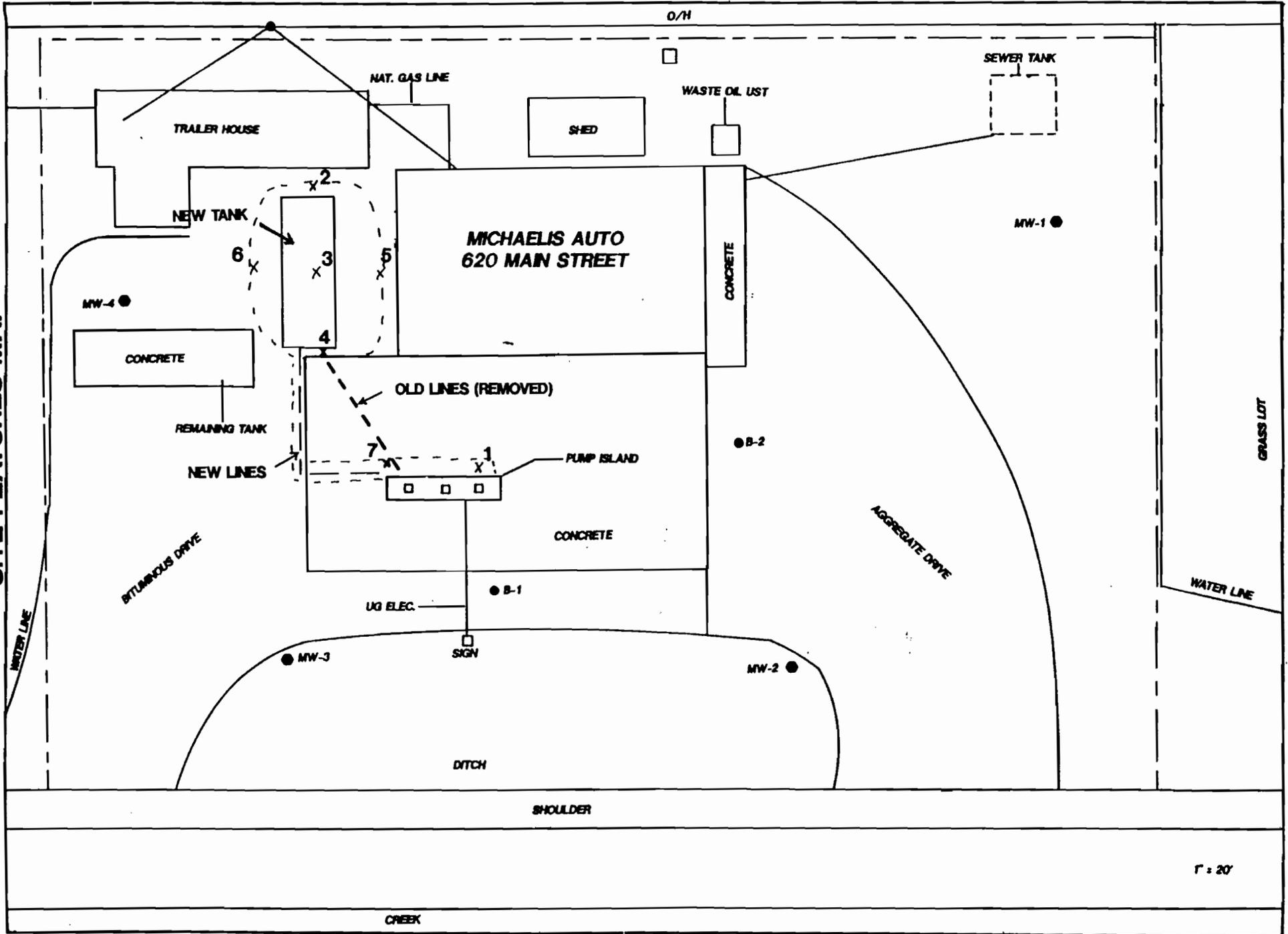


FIGURE 2

PVOC GROUND WATER ANALYSIS RESULTS
MICHAELIS AUTO
MICHAELIS AUTO

Monitoring Well	Date Sampled	Lab ID	Benzene ug/L PAL=0.5 ES=5	Ethylbenzene ug/L PAL=140 ES=700	MTBE ug/L PAL=12 ES=60	Toluene ug/L PAL=68.6 ES=343	1,2,4-TMB ug/L	1,3,5-TMB ug/L	Xylenes ug/L PAL=124 ES=620
1	01/08/91		5.5	76	N/A	50	N/A	N/A	340
1	06/21/91		<1.0	<1.0	N/A	<1.0	N/A	N/A	1.5
1	09/10/91		<1.0	1.4	N/A	1.3	N/A	N/A	2.6
1	12/13/91		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
1	03/04/92		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
1	06/17/92		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
1	09/16/92		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
1	11/29/95		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
2	01/08/91		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
2	06/21/91		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
2	09/10/91		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
2	12/13/91		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
2	03/04/92		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
2	06/17/92		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
2	09/16/92		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
2	11/29/95		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
3	01/08/91		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
3	06/21/91		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
3	09/10/91		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
3	12/13/91		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
3	03/04/92		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
3	06/17/92		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
3	09/16/92		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
3	11/29/95		<1.0	<1.0	N/A	<1.0	N/A	N/A	<1.0
4	01/08/91		3600	1600	N/A	13000	N/A	N/A	8000
4	06/21/91		1200	200	N/A	6600	N/A	N/A	5400
4	09/10/91		1600	900	N/A	70000	N/A	N/A	4200
4	12/13/91		2.3	150	N/A	330	N/A	N/A	500
4	03/04/92		<5.0	130	N/A	100	N/A	N/A	630
4	06/17/92		240	780	N/A	2600	N/A	N/A	4000
4	09/16/92		180	380	N/A	1000	N/A	N/A	1800
4	11/29/95		23	100	N/A	51	N/A	N/A	410
4	05/20/96	173349	30	140	81	320	400	100	600

Monitoring Well	Date Sampled	Lab ID	Benzene ug/L PAL=0.5 ES=5	Ethylbenzene ug/L PAL=140 ES=700	MTBE ug/L PAL=12 ES=60	Toluene ug/L PAL=68.6 ES=343	1,2,4-TMB ug/L	1,3,5-TMB ug/L	Xylenes ug/L PAL=124 ES=620
4	07/24/96	177616	29	210	<10	250	650	190	820
4	12/31/96	13085575	99.1	110	73.9	94.3	347	116	391.5
4	03/03/97	89882	224	172	<25.0	154	435	140	552
4	06/05/97	6862	53.8	128	<10.0	91.4	384	122	475.7
4	09/25/97	16721	10.2	65.0	<5.0	45.9	180	50.9	270.0
4	12/01/97	22652	7.42	40.5	<10	16.5	144	36.6	195.4

MTBE = Methyl-tert-butyl ether
TMB = Trimethylbenzene
PAL = Preventive Action Limit (NR140)
ES = Enforcement Standard (NR140)

NA = Not Analyzed
ug/L = micrograms per liter = parts per billion
mg/L = milligrams per liter = parts per million

Cedar Corporation, 01/14/98

l://working/pvoc

TABLE A

**MICHAELIS AUTO
SOIL ANALYSES (VALUES IN PPM)**

Excavation side wall sample results - saturated zone - 1992

SAMPLE NO.	LAB I.D. NO.	FIELD HEAD-SPACE READING	GRO	TOLUENE	BENZENE	ETHYL-BENZENE	XYLENES	LOCATION/DEPTH
1	109579	2956	5800	60	2.3	80	340	PUMP ISLAND/ 3-1/2'
2	109580	894	150	<.002	<.002	<.002	<.002	TANK BED/ 5'
3	109581	3810	400	6.4	<3	16	65	BOTTOM TANK BED, 9'
4	109582	2655	1800	27	<.250	7.6	52	TANK BED/ 8'
5	109583	3495	2400	22	<.300	<.300	150	TANK BED/ 8'
6	109584	453	1500	<.002	<.002	<.002	.010	TANK BED/ 8'
7	109585	2101	4700	9.3	5.3	39	78	LINES/ 3-1/2'

MICHAELIS AUTO
MICHAELIS AUTO
GROUND WATER ELEVATIONS
(FEET MEAN SEA-LEVEL)

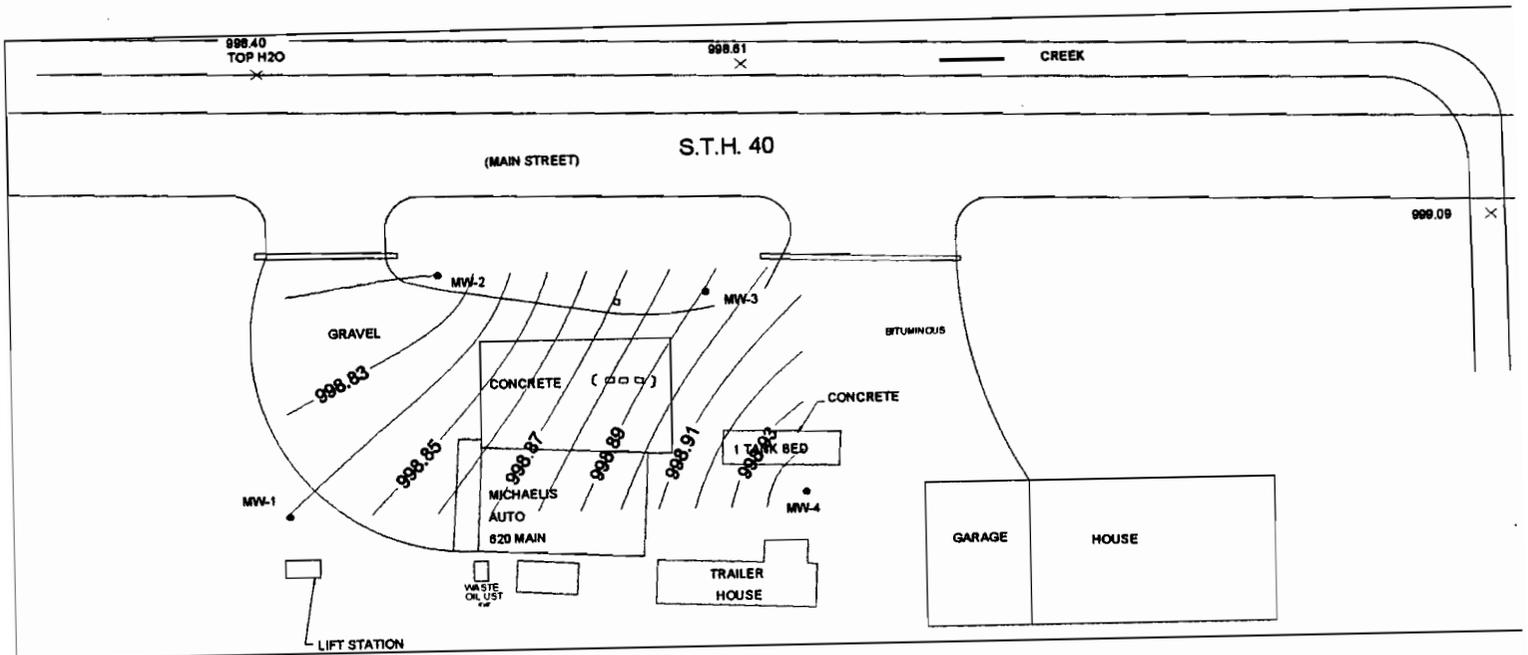
Monitoring Well	Date Sampled	H2O Elevation
1	1/8/91	998.78
1	6/21/91	
1	9/10/91	
1	12/13/91	1,000.58
1	3/4/92	1,000.00
1	6/17/92	999.96
1	9/16/92	999.97
1	11/29/95	999.22
1	5/20/96	1,000.69
1	7/24/96	999.49
1	12/31/96	998.68
1	3/3/97	998.80
1	6/5/97	999.55
1	9/25/97	999.61
1	12/1/97	998.84
2	1/8/91	998.37
2	6/21/91	
2	9/10/91	
2	12/13/91	1,000.77
2	3/4/92	999.90
2	6/17/92	1,000.32
2	9/16/92	1,000.33
2	11/29/95	999.09
2	5/20/96	1,000.54
2	7/24/96	999.49
2	12/31/96	998.61
2	3/3/97	999.65
2	6/5/97	999.67
2	9/25/97	999.56
2	12/1/97	998.82
3	1/8/91	998.84
3	6/21/91	
3	9/10/91	
3	12/13/91	1,001.10
3	3/4/92	1,000.33
3	6/17/92	1,000.54
3	9/16/92	1,000.55
3	11/29/95	999.26
3	5/20/96	1,000.24

Monitoring Well	Date Sampled	H2O Elevation
-----------------	--------------	---------------

3	7/24/96	999.11
3	12/31/96	998.40
3	3/3/97	999.71
3	6/5/97	999.65
3	9/25/97	999.61
3	12/1/97	998.89

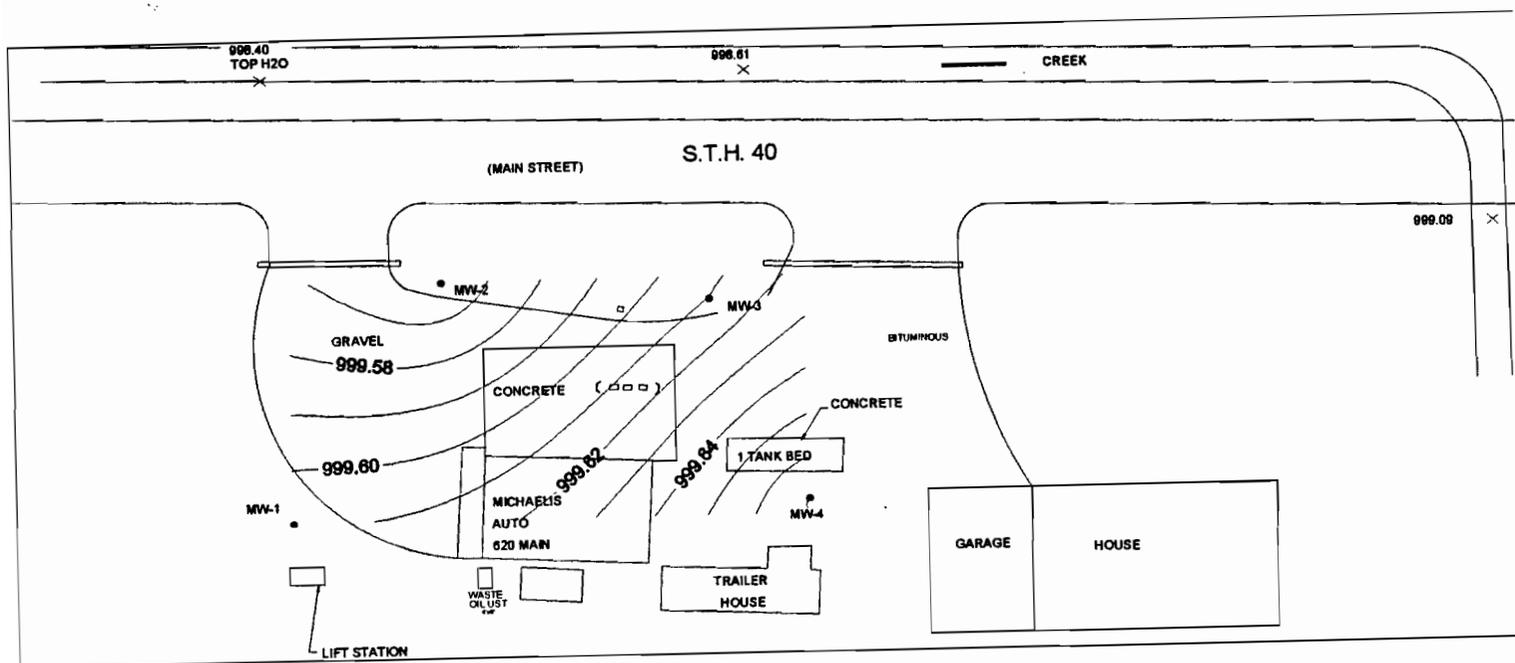
4	1/8/91	998.35
4	6/21/91	
4	9/10/91	
4	12/13/91	1,000.27
4	3/4/92	999.93
4	6/17/92	999.68
4	9/16/92	999.84
4	11/29/95	999.42
4	5/20/96	1,000.64
4	7/24/96	999.24
4	12/31/96	998.94
4	3/3/97	999.67
4	6/5/97	999.57
4	9/25/97	999.67
4	12/1/97	998.95

MICHAELIS AUTO



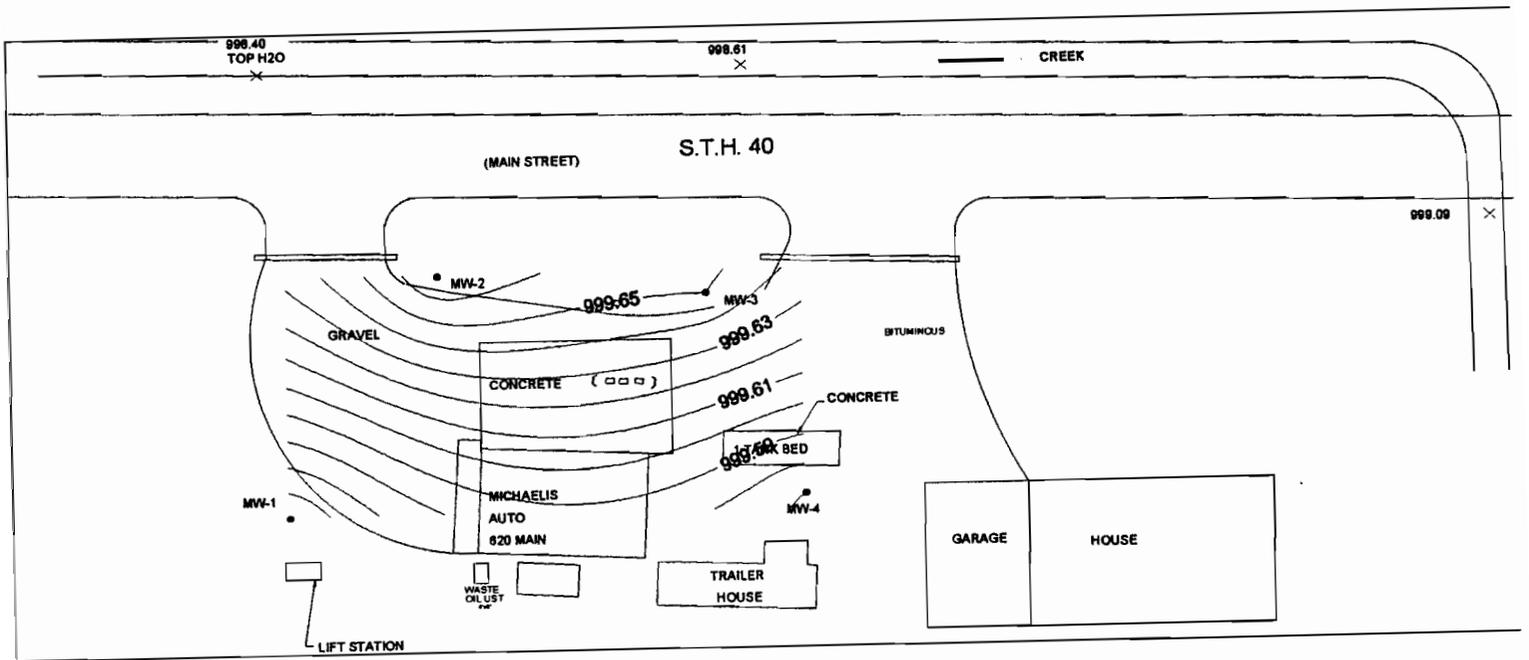
Ground water flow for December 1, 1997

MICHAELIS AUTO



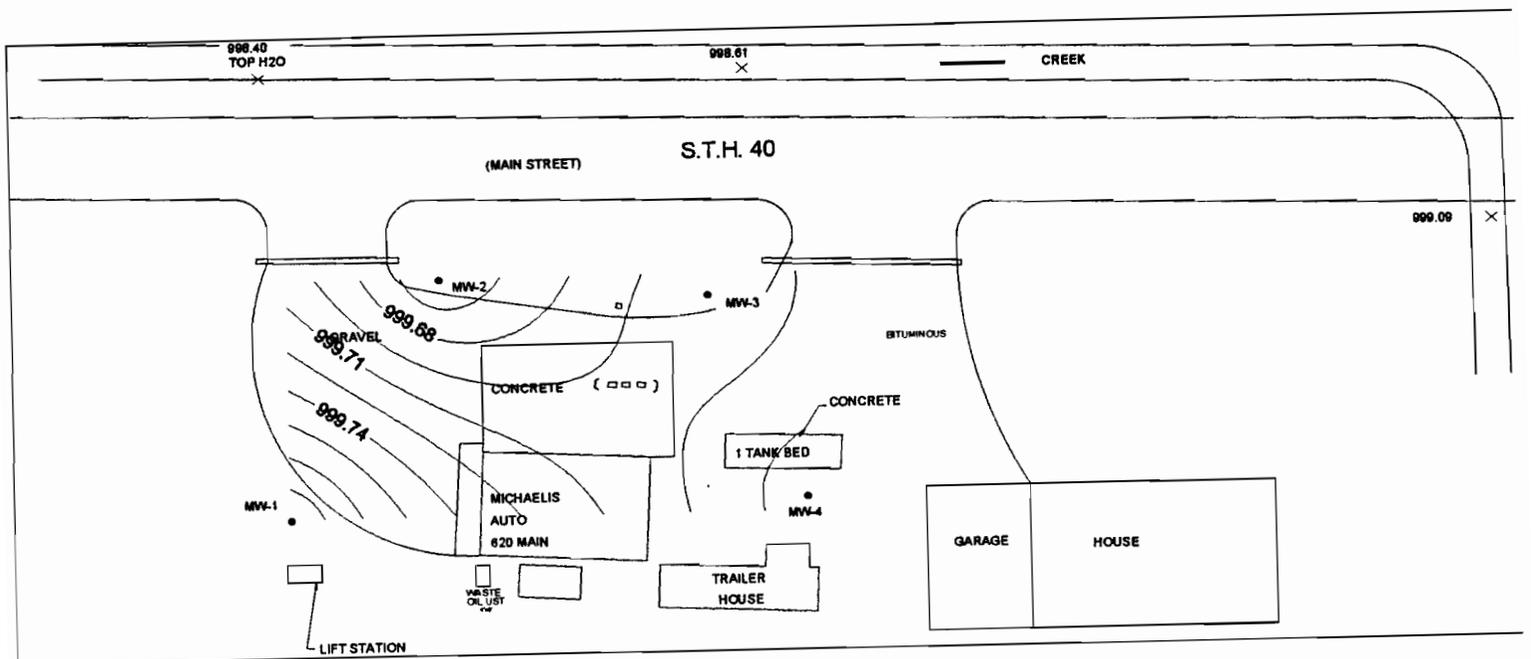
Ground water flow for September 25, 1997

MICHAELIS AUTO



Ground water flow for June 5, 1997

MICHAELIS AUTO



Ground water flow for March 3, 1997