

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Annex
4041 N. Richards Street, Box 12436
Milwaukee, WI 53212-0436
TELEPHONE 414-229-0800
FAX 414-229-0810

July 17, 1997

FD #: 230023310
RR
Milwaukee Co.

Mr. Thomas Garwood
P.O. Box 127
Wilmot, WI 53192

RE: SITE CLOSURE and PECFA REIMBURSEMENT (Claim # 53170-9998-51), Silver Lake
Auto Service, 551 Cogswell Drive, Silver Lake, WI 53170.

Dear Mr. Garwood:

The Remediation and Redevelopment section of the Wisconsin Department of Natural Resources (WDNR) recently reviewed this site information to determine if it can be closed under ch. NR 726 Wisconsin Administrative Code (Wis.Adm. Code).

Based on the investigative and remedial documentation provided to the Department by your consultant, Fluid Management, Inc. on August 28, 1996, well abandonment forms submitted on January 21, 1997 and a groundwater use restriction submitted on February 10, 1997 dated December 20, 1996, it appears that the petroleum contamination at the above-named site has been remediated in compliance with the requirements of chs. NR 700 to 724, Wis. Adm. Code. Therefore, the Department considers the case "closed with groundwater use restriction," having determined that no further action is necessary at this time. However, the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare or the environment.

The WDNR has signed your DNR 4-B (Form 4) for reimbursement under the State's Petroleum Environmental Cleanup Fund (PECFA) Program. The Form 4, signed for " Completed Remedial action (phase 1 & 2)," is enclosed. Please forward the white copy of the Form 4 and a copy of this letter to the Wisconsin department Of Commerce (WDCOM) with your completed claim.

In accordance with the provisions of PECFA, evidence of a hazardous substance release was reported to the Department on (April 4, 1993), as required in s 292.11 Wisconsin Statutes. The activities conducted at this site were not performed by WDNR using federal LUST Trust funding (42 USC 6991). No enforcement action has been necessary at this site.

Please be aware that this letter does not constitute Department "Certificatio" under s. 292.15 Stats., as created by 1993 wisconsin act 453 (May 12, 1994). Persons who meet the definition of "purchaser" s. 292 stats must receive Department pre-approval prior to conducting a site investigation in order to be eligible for the liability exemption under s. 292, Stats.

*Quality Natural Resources Management
Through Excellent Customer Service*



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Recycled
Paper

If you have any questions, please contact me at (414) 229-0847.

Sincerely,



Binyoti F. Amungwafor
Hydrogeologist

CC:Debbie L. Gooddrum, Fluid Management, Inc.
Case File

GROUNDWATER USE RESTRICTION

This Restriction is made by Thomas Garwood and Mary Garwood, his wife

The real estate described herein:

Lot ten (10) in block twenty-five (25) in WISCONSIN SILVER LAKE BEACH UNIT TWO, being a subdivision of part of the southwest fractional quarter (1/4) of section eight (8) in town one (1) north, range twenty (20) east of the fourth principal meridian, and part of the northwest quarter (1/4) of section seventeen (17) in town and range aforesaid, lying and being in the Village of Silver Lake, County of Kenosha and State of Wisconsin

which was found to have a concentration of methyl-tert-butyl ether (MTBE) in monitoring well MW-5 of 66 parts per billion in June 1996 is subject to the following restriction:

Natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property. Construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by chs. NR 811 and 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply. 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 Groundwater to determine what specific requirements are applicable prior to construction or reconstructing a well on this property.

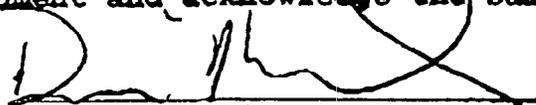
Dated this 20th day of December 1996.


Thomas Garwood


Mary Garwood

State of Wisconsin)
Kenosha County) ss.

Personally came before me this 20th day of December, 1996, the above named Thomas Garwood and Mary Garwood, to me known to be the persons who executed the foregoing instrument and acknowledge the same.


Notary Public, State of Wisconsin
My commission is permanent.

This instrument was Drafted By:
Dennis E. Lynch
Attorney at Law

DOCUMENT NUMBER 1045443

RESTRICTION RECORDED at Kenosha County, Kenosha, WI 53140 Louise I. Principec, Register of Deeds ON 12/30/1996 at 9:16 AM \$60000039 \$10.00

10

Return to Lloyd, Phenicie, Lynch & Kelly/Attn: Dennis Lynch P O Box 700 Burlington, WI 53105

75-4-120-083-3565-0 Tax Parcel No.

APPROVED BY: WMM 11/10/93

WMM

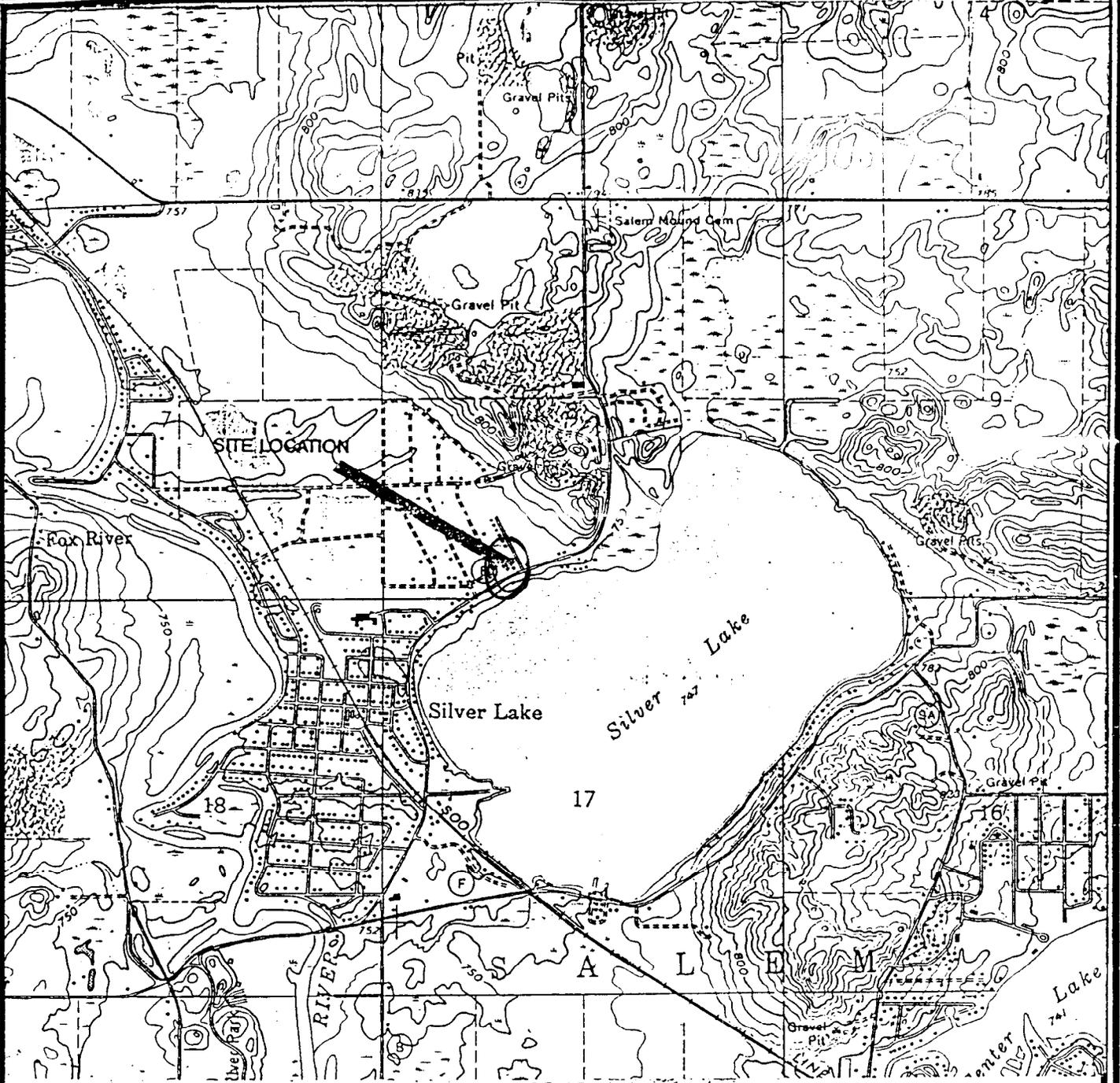
CHECKED BY: WMM 11/10/93

WMM

DRAWN BY: WMM 11/10/93

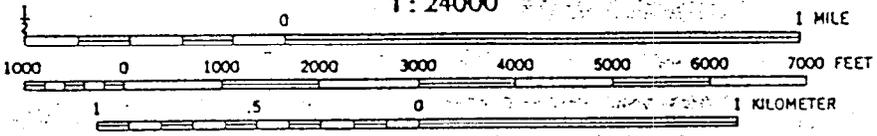
WMM

DRAWING NO.



SCALE

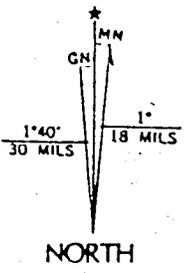
1 : 24000



CONTOUR INTERVAL 10 FEET



QUADRANGLE LOCATION



Fluid Management, Inc.

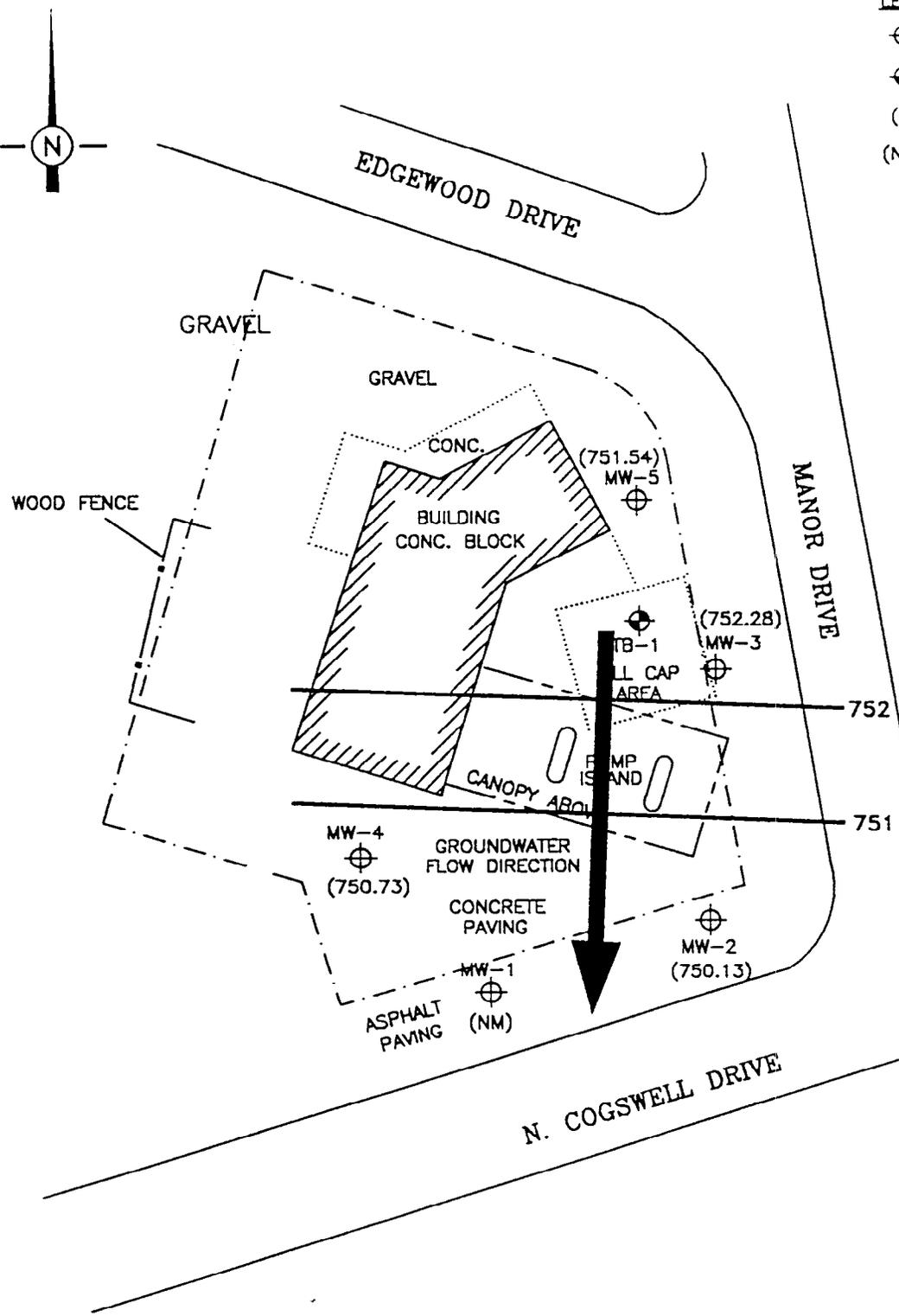
FIGURE 2.1

SITE LOCATION MAP

30' south of section 17

DRAWING NO. 93.809R71
 DRAWN BY: DLA
 5/11/94
 CHECKED BY: WMM
 5/25/94
 APPROVED BY: WMM
 5/25/94

LEGEND
 ⊕ MONITORING WELL
 ⊕ TEST BORING
 () ELEVATIONS IN MSL
 (NM) NOT MEASURED



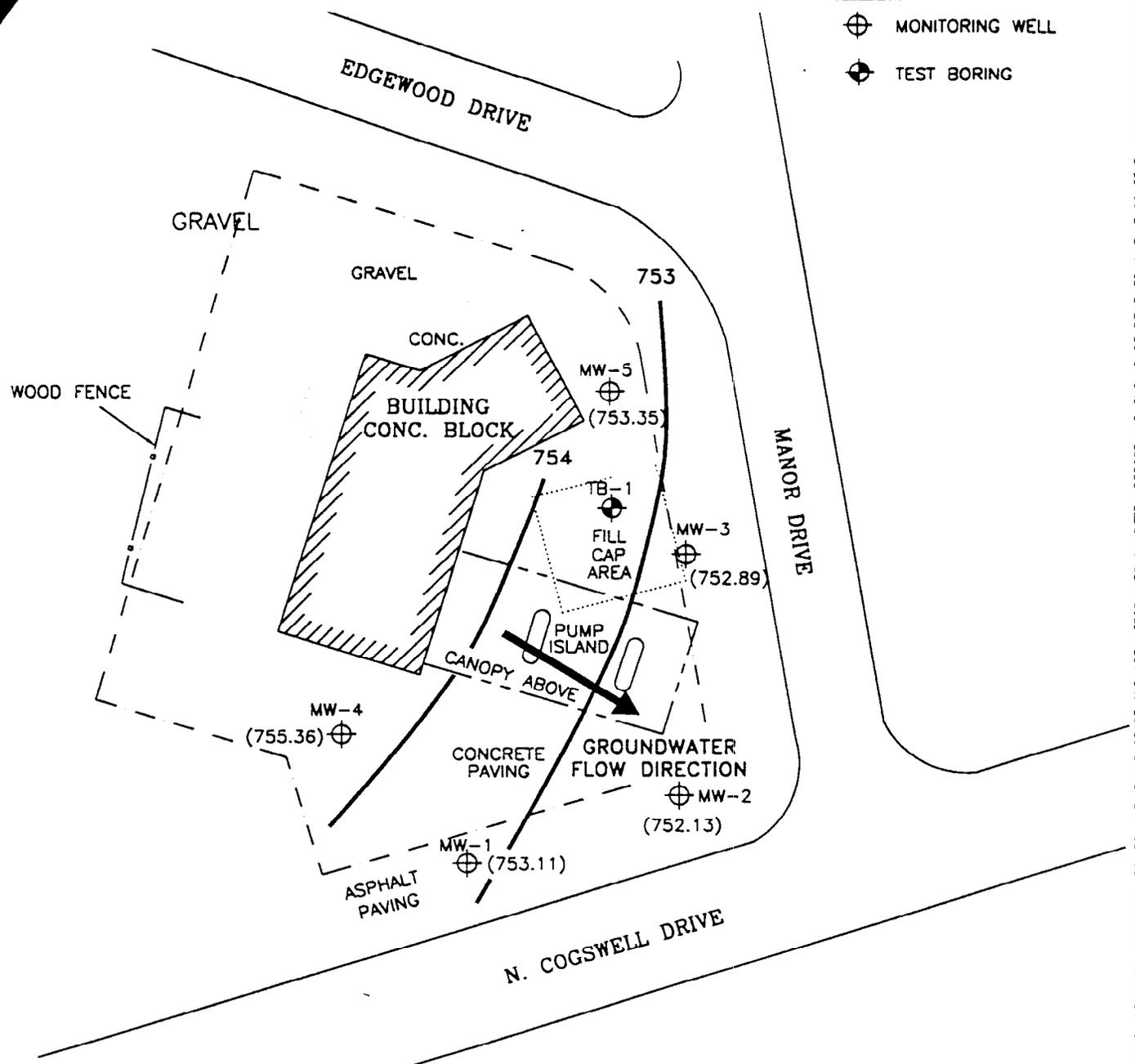
THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

FIGURE 7.1
POTENTIOMETRIC
SURFACE MAP 11/4/93
SILVER LAKE AUTO
SILVER LAKE, WISCONSIN

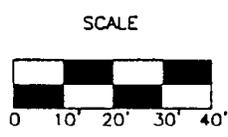


DRAWING NO. 93.809.1A
 DRAWN BY: JPH
 8/25/96
 CHECKED BY: JMM
 8/27/96
 APPROVED BY:

LEGEND
 MONITORING WELL
 TEST BORING



Fluid Management, Inc.



Potentiometric Surface
 (6/12/96)
 Silver Lake Auto Site
 Silver Lake, Wisconsin

N

FIGURE NO.
 1

THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

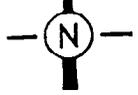
NOTE: NR 140 ENFORCEMENT STANDARD (ES) 60.0

LEGEND

⊕ MONITORING WELL

⊕ TEST BORING

() CONCENTRATIONS IN ug/l



EDGEWOOD DRIVE

GRAVEL

GRAVEL

CONC.

BUILDING
CONC. BLOCK

WOOD FENCE

50

MW-5
⊕
(100)

90

TB-1
⊕

FILL
CAP
AREA

MW-3
⊕
(86)

MANOR DRIVE

PUMP
ISLAND
CANOPY ABOVE

MW-4
⊕
(4.6)

CONCRETE
PAVING

MW-2
⊕
(6.9)

ASPHALT
PAVING

MW-1
⊕
(55)

N. COGSWELL DRIVE

APPROVED BY:

CHECKED BY:

5/25/94

DLA

DRAWN BY:

93.809R61

DRAWING NO.

THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

FIGURE 6.1
GROUNDWATER MTBE
DISTRIBUTION MAP
SILVER LAKE AUTO
SILVER LAKE, WISCONSIN



TABLE NO. 1

Groundwater Analytical Results
Silver Lake Auto Service
Silver Lake, Wisconsin

Sample Description	Sample Date	GRO	DRO (ppm)	Benzene	Ethyl-benzene	Toluene	MTBE	1,2,4-TMB	1,3,5-TMB	Total Xylenes
MW-1	3/14/95	<50	0.5	<1.0	<1.0	<1.0	18	<1.0	<1.0	<3.0
	6/14/95	<50	0.26	<1.0	<1.0	<1.0	16	<1.0	<1.0	<3.0
	9/12/95	<50	0.33	0.5	<1.0	<1.0	33	<1.0	<1.0	<3.0
	12/14/95	<50	<0.10	<0.5	<1.0	<1.0	17	<1.0	<1.0	<3.0
	03/14/96	<50	<0.10	<0.5	<1.0	<1.0	24	<1.0	<1.0	<3.0
	06/12/96	<50	NA	<0.5	<1.0	<1.0	4.7	<1.0	<1.0	<3.0
MW-2	3/14/95	<50	<0.10	<1.0	<1.0	<1.0	8.4	<1.0	<1.0	<3.0
	6/14/95	<50	<0.10	<1.0	<1.0	<1.0	39	<1.0	<1.0	<3.0
	9/12/95	<50	0.11	<0.5	<1.0	<1.0	22	<1.0	<1.0	<3.0
	12/14/95	<50	<0.10	<0.5	<1.0	<1.0	10	<1.0	<1.0	<3.0
	03/14/96	<50	<0.10	<0.5	<1.0	<1.0	7.8	<1.0	<1.0	<3.0
	06/12/96	<50	NA	<0.5	<1.0	<1.0	7.7	<1.0	<1.0	<3.0
WDNR ES		NS	NS	5	700	343	60	NS	NS	620
PAL		NS	NS	0.5	140	68.6	12	NS	NS	124

(Continued)

Notes: All results expressed in ppb unless otherwise noted

-  Shading indicates value exceeds the NR 140 enforcement standard
-  Cross hatching indicates value exceeds the NR 140 preventive action limit

No detections were indicated in either trip blank or the decontamination blank
WDNR ES - Wisconsin Department of Natural Resources Enforcement Standard
DRO - Diesel range organics
MTBE - Methyl t-butyl ether
NA - Not Analyzed

TMB - Trimethylbenzene
PAL - Preventive Action Limit
GRO - Gasoline range organics
NS - No standard

Checked by: JCF 8-28-91
Approved by: WMA

TABLE NO. 1 (continued)

Groundwater Analytical Results
Silver Lake Auto Service
Silver Lake, Wisconsin

Sample Description	Sample Date	GRO	DRO (ppm)	Benzene	Ethyl-benzene	Toluene	MTBE	1,2,4-TMB	1,3,5-TMB	Total Xylenes
MW-3	3/14/95	<50	<0.10	<1.0	<1.0	<1.0	52	<1.0	<1.0	<3.0
	6/14/95	<50	<0.10	<1.0	<1.0	<1.0	59	<1.0	<1.0	<3.0
	9/12/95	<50	<0.10	<0.5	<1.0	<1.0	63	<1.0	<1.0	<3.0
	12/14/95	<50	<0.10	<0.5	<1.0	<1.0	55	<1.0	<1.0	<3.0
	03/14/96	<50	<0.10	<0.5	<1.0	<1.0	52	<1.0	<1.0	<3.0
	06/12/96	<50	NA	<0.50	1.2	<1.0	59	<1.0	<1.0	<3.0
MW-4	3/14/95	<50	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	6/14/95	<50	<0.10	<1.0	<1.0	<1.0	2.2	<1.0	<1.0	<3.0
	9/12/95	<50	<0.10	<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	12/14/95	<50	<0.10	<0.5	<1.0	<1.0	1.9	<1.0	<1.0	<3.0
	03/14/96	<50	<0.10	<0.5	<1.0	<1.0	1.1	<1.0	<1.0	<3.0
	06/12/96	<50	NA	<0.5	<1.0	<1.0	1.2	<1.0	<1.0	<3.0
WDNR ES		NS	NS	5	700	343	60	NS	NS	620
PAL		NS	NS	0.5	140	68.6	12	NS	NS	124

Notes: All results expressed in ppb unless otherwise noted

(Continued)

-  Shading indicates value exceeds the NR 140 enforcement standard
-  Cross hatching indicates value exceeds the NR 140 preventive action limit

No detections were indicated in either trip blank or the decontamination blank
WDNR ES - Wisconsin Department of Natural Resources Enforcement Standard
DRO - Diesel range organics
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NA - Not Analyzed

TMB - Trimethylbenzene
PAL - Preventive Action Limit
GRO - Gasoline range organics
NS - No standard

Checked by: JCF 8-28-96
Approved by: WJM

TABLE NO. 1 (Continued)

Groundwater Analytical Results
Silver Lake Auto Service
Silver Lake, Wisconsin

Sample Description	Sample Date	GRO	DRO (ppm)	Benzene	Ethyl-benzene	Toluene	MTBE	1,2,4-TMB	1,3,5-TMB	Total Xylenes
MW-5	3/14/95	<50	<0.10	<1.0	<1.0	<1.0	72	<1.0	<1.0	<3.0
	6/14/95	<50	0.12	<1.0	<1.0	<1.0	95	<1.0	<1.0	<3.0
	9/12/95	<50	<0.10	<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	12/14/95	<50	<0.10	<0.5	<1.0	<1.0	72	<1.0	<1.0	<3.0
	03/14/96	<50	<0.10	<0.5	<1.0	<1.0	69	<1.0	<1.0	<3.0
	03/14/96	<50	NA	<0.5	<1.0	<1.0	66	<1.0	<1.0	<3.0
WDNR ES		NS	NS	5	700	343	60	NS	NS	620
PAL		NS	NS	0.5	140	68.6	12	NS	NS	124

Notes: All results expressed in ppb unless otherwise noted

 Shading indicates value exceeds the NR 140 enforcement standard

 Cross hatching indicates value exceeds the NR 140 preventive action limit

No detections were indicated in either the trip blank or the decontamination blank
WDNR ES - Wisconsin Department of Natural Resources groundwater enforcement standard
DRO - Diesel range organics
MTBE - Methyl t-butyl ether
NA - Not Analyzed

TMB - Trimethylbenzene
PAL - Preventive action limit
GRO - Gasoline range organics
NS - No standard

Checked by: JCF 2-28-96

Approved by: WMA