## GIS REGISTRY INFORMATION

**SITE NAME:** Jerry's Mobil

**BRRTS #:** 03-02-000851

**CLOSURE DATE:** 12/13/02

**STREET ADDRESS:** STH 77

**CITY:** Clam Lake

**SOURCE PROPERTY GPS COORDINATES** (meters in WTM91 projection): X= 450294 Y= 632644

**OFF-SOURCE CONTAMINATION (>ES):** ☐ Yes ☒ No

**IF YES, STREET ADDRESS 1:** _____

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

**IF YES, STREET ADDRESS 2:** _____

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

**IF YES, STREET ADDRESS 3:** _____

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

**IF YES, STREET ADDRESS 4:** _____

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

**IF YES, STREET ADDRESS 5:** _____

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

**CONTAMINATION IN RIGHT OF WAY:** ☐ Yes ☒ No

**DOCUMENTS NEEDED:**

| | | |
|---|---|---|
| **Closure Letter, and any conditional closure letter issued** | X | |
| **Copy of most recent deed, including legal description, for all affected properties** | X | |
| **Certified survey map or relevant portion of the recorded plat map (*If referenced in the legal description*) for all affected properties** | X | |
| **County Parcel ID number, *if used for county*, for all affected properties** | X | on tax bill |
| **Location Map** which outlines all properties within contaminated site boundaries in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy) | 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) | X | |
| **Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)** | X | |
| **Isoconcentration map(s), *if available from site investigation (SI)* (**8.5x14" if paper copy**).** The isoconcentration map should have flow direction and extent of contamination defined. **If not available, include the following 2 types of maps:** | | |
| **Latest groundwater flow/monitoring well location map** | X | |
| **Latest extent of contaminant plume map** | X | |
| **Geologic cross-sections, *if available from SI.*** (8.5x14' if paper copy) | X | |

| | | |
|---|---|---|
| RP certified statement that legal descriptions are complete and accurate | X | |
| Copies of off-source notification letters (if applicable) | | N/A |
| Letter informing ROW owner of residual contamination (if applicable) | | N/A |
| Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure.* | | N/A |

**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

WISCONSIN
DEPT. OF NATURAL RESOURCES

James Doyle, Governor
Scott Hassett, Secretary
William H. Smith, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-0818
Telephone 715-365-8900
FAX 715-365-8932
TDD 715-365-8957

January 7, 2003

Mr. Jerome Renzelmann
PO Box 47
Clam Lake, WI 54517

SUBJECT: Final Case Closure By Closure Committee
Jerry's Mobil, STH 77, Clam Lake, WI
WDNR BRRTS #: 03-02-000851
PECFA # 54517-9999-54

Dear Mr. Renzelmann:

On October 3, 2002, your site as described above was reviewed for closure by the Northern Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On October 8, 2002, you were notified that the Closure Committee had granted conditional closure to this case.

On December 13, 2002, the Department received correspondence indicating that you have complied with the conditions of closure, specifically, the documentation of the abandonment of the monitoring wells on site and submittal of Soil GIS Registry fees and materials. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

Please be aware that this 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 Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715-365-8990.

Sincerely,
NORTHERN REGION

Janet Kazda

Janet Kazda
Remediation and Redevelopment Program

cc: File
Chris Saari, Ashland

Shan M Moquin
Northern Environmental
330 S 4th Ave
Park Falls, WI 54552

WISCONSIN
DEPT. OF NATURAL RESOURCES

**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

**Scott McCallum, Governor**
**Darrell Bazzell, Secretary**
**William H. Smith, Regional Director**

**Northern Region Headquarters**
**107 Sutliff Ave.**
**Rhinelander, Wisconsin 54501-0818**
**Telephone 715-365-8900**
**FAX 715-365-8932**
**TDD 715-365-8957**

October 8, 2002

Mr. Jerome Renzelmann
PO Box 47
Clam Lake, WI 54517

Subject: Conditional Case Closure
Jerry's Mobil, STH 77, Clam Lake, Wisconsin
WDNR BRRTS # 03-02-000851
PECFA # 54517-9999-54

Dear Mr. Renzelmann:

On October 3, 2002, your request for closure of the case described above was reviewed by the Northern Region Closure Committee. The Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the diesel and gasoline contamination on the site appears to have been investigated and remediated to the extent practicable under site conditions. Your case will be closed if the following conditions are satisfied:

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-5B found at www.dnr.state.wi.us/org/water/dgw/gw/ or provided by the Department of Natural Resources.

Due to the presence of residual soil and groundwater contamination at the site in excess of NR 720 Residual Contaminant Levels (RCLs) and NR 141 Enforcement Standards (ES), the Department requires that the site be listed on the GIS Registry of Contaminated Sites. You will need to submit materials for the Soil GIS Registry, as shown on the enclosed list, along with your check for $200 to me at the above address. When all the materials and the fee are received and reviewed, the Department will send you notice of final closure. You have previously submitted fees and materials for the Groundwater GIS Registry, and these appear to be adequate.

If you do not wish to have your site listed on the Soil GIS Registry, you have the option of taking additional soil samples to show that there is now no residual soil contamination at the site. Please be aware that the PECFA program may not reimburse you for this work. If you need more information about this option, please call Chris Saari in our Ashland Service Center at 715-685-2920.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit

http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm]

Section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Please be aware that 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 to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715-365-8990.

Sincerely,
NORTHERN REGION

Janet Kazda

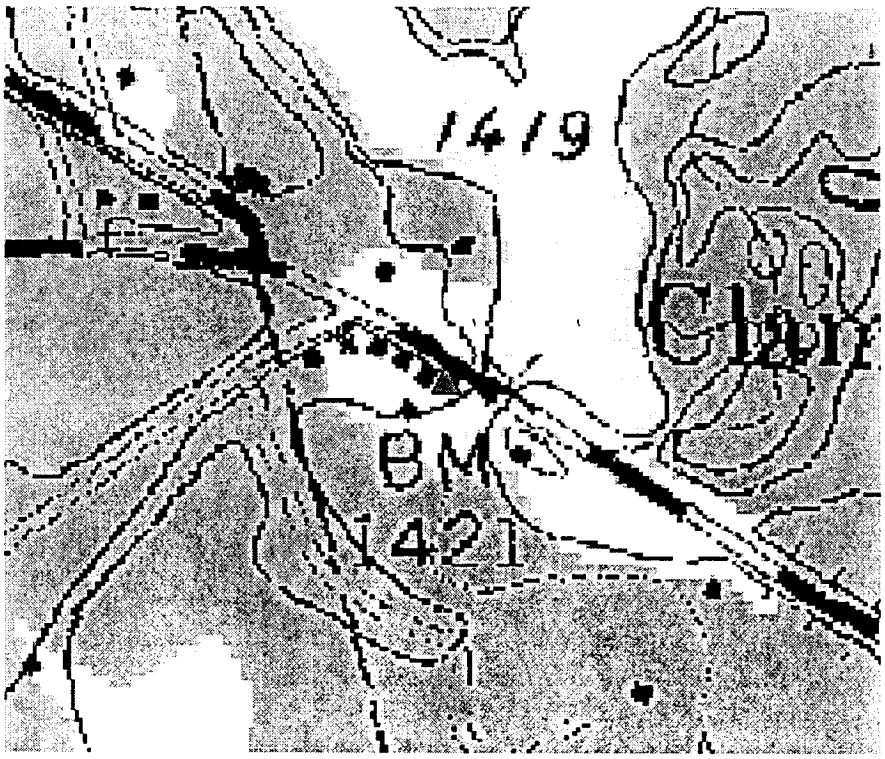
Janet Kazda
Remediation and Redevelopment Program

Enclosure

cc: File
Chris Saari, Ashland

Shan M Moquin
Northern Environmental
330 South 4th Ave
Park Falls, WI 54552

Scale 1 : 3,839




This is a test version of the application.

This version intended for evaluation only. Documentation...

WTM coordinates: 450294, 632644

DOCUMENT NO.

STATE BAR OF WISCONSIN — FORM 3
QUIT CLAIM DEED

THIS SPACE RESERVED FOR RECORDING DATA

X227483

REGISTER OF DEEDS OFFICE
ASHLAND COUNTY, WI
Received for Record
at 11:30 o'clock A M. duly recorded in
Vol. 424 of Records on Page 292
JAN 22 1990
Wendell R Zinke
REGISTER OF DEEDS

RETURN TO

By This Deed, Joseph J. Renzelmann, Grantor, quit-claims to Jerome W. Renzelmann and Patricia A. Renzelmann as joint tenants

Grantee S., ~~for a valuable consideration~~ for no consideration and to correct the Deed recorded as hereinafter recited the following described real estate in Ashland County, State of Wisconsin:

Tax Key # NOT
This is homestead property,

A tract of land in Government Lot Ten (10) in Section Thirty-two (32), Township Forty-three (43) North, Range Four (4) West, more particularly described as follows: Starting at a stake where the right-of-way of State Trunk Highway No. 77 crosses the West Fork of the Chippewa River and the West bank of said river; thence Northwesterly along said highway a distance of one hundred fifty (150) feet to a stake; thence 20° west of the south 60 feet to a stake; thence directly southeast a distance of approximately 146 feet to a stake on the bank of said river; thence along the bank of said river northerly to a point of beginning, said land lying and being in the Town of Gordon, Ashland County, Wisconsin.

This deed is given to correct a Deed and Application for Transfer of Joint Property to Surviving Joint Tenant by Joseph Renzelmann a/k/a Joseph J. Renzelmann, Jerome W. Renzelmann and Patricia A. Renzelmann as joint tenants dated and recorded on September 26, 1979, in Vol. 347, of Records on Page 152, Document Number X198909 at the Register of Deeds Office, Ashland County, Wisconsin at 2 o'clock P.M.

fee exempt
#77.25 ( 8 )

Executed at Clam Lake, Wisconsin this 22nd day of January, 19 90

SIGNED AND SEALED IN PRESENCE OF

Leonard R. Heinlein
Leonard R. Heinlein

Joy Heinlein
Joy Heinlein

Joseph J. Renzelmann (SEAL)
Joseph J. Renzelmann

(SEAL)

(SEAL)

(SEAL)

Signatures of

authenticated this day of, 19

Title: Member State Bar of Wisconsin or Other Party
Authorized under Sec. 706.06 viz.

STATE OF WISCONSIN
Ashland County. } ss.

Personally came before me, this 22nd day of January, 19 90, the above named Joseph J. Renzelmann

to me known to be the person who executed the foregoing instrument and acknowledged the same.

THIS INSTRUMENT WAS DRAFTED BY

Dolores Dumanch

The use of witnesses is optional.

Notary Public, Ashland County, Wis.

My commission (expires) (is) 6/2/91

DOLORES DUMANCH STATE OF WISCONSIN NOTARY PUBLIC ASHLAND COUNTY

Names of persons signing in any capacity should be typed or printed below their signatures.

X251273

# ASHLAND COUNTY CERTIFIED SURVEY MAP

#279

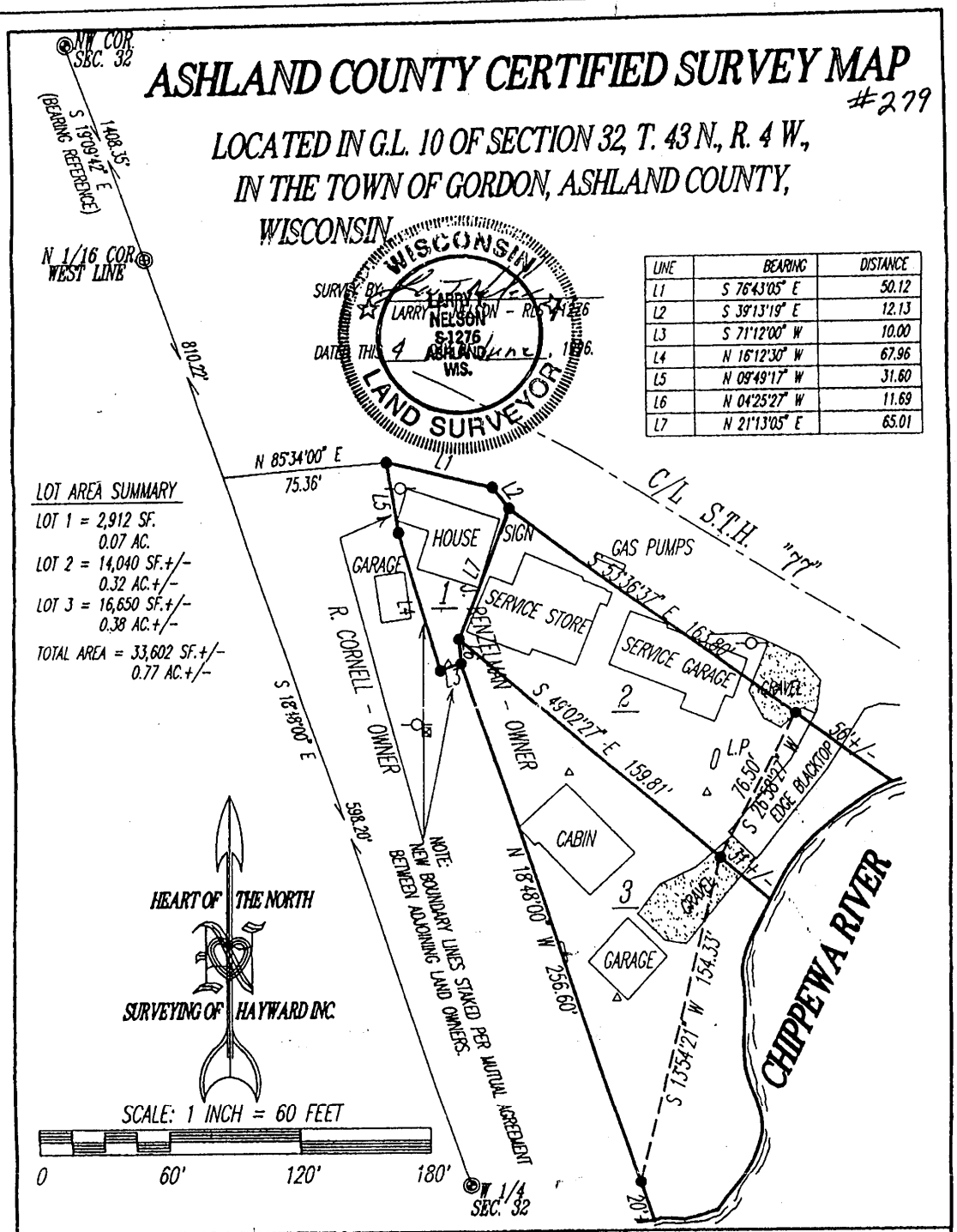
## LOCATED IN G.L. 10 OF SECTION 32, T. 43 N., R. 4 W., IN THE TOWN OF GORDON, ASHLAND COUNTY, WISCONSIN

SURVEY BY: LARRY NELSON - REG. #1276

DATED THIS 4 ASHLAND June, 1996.

WISCONSIN LARRY NELSON S-1276 ASHLAND WIS. LAND SURVEYOR

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | S 76°43'05" E | 50.12 |
| L2 | S 39°13'19" E | 12.13 |
| L3 | S 71°12'00" W | 10.00 |
| L4 | N 16°12'30" W | 67.96 |
| L5 | N 09°49'17" W | 31.60 |
| L6 | N 04°25'27" W | 11.69 |
| L7 | N 21°13'05" E | 65.01 |




LOT AREA SUMMARY

LOT 1 = 2,912 SF.
0.07 AC.
LOT 2 = 14,040 SF.+/-
0.32 AC.+/-
LOT 3 = 16,650 SF.+/-
0.38 AC.+/-
TOTAL AREA = 33,602 SF.+/-
0.77 AC.+/-

LEGEND
- FOUND 2" BC MONUMENT
- FOUND 2-1/2" BC MONUMENT
- SET 1" x 24" IRON PIPE, WT=1.13 #/FT
- POWER POLE
- SEPTIC
- UG TEL PED

CLIENT: JERRY RENZELMAN
JOB: H022/96
SCALE: 1" = 60'
DATE: MAY 31, 1996
SHEET 1 OF 1
BEARINGS REF. TO WEST LINE SEC. 32 ASSUMED TO BEAR S 19°09'42" E.
DISK:
FILE: H02296.DWG
NOTEBOOK: S138-113


HEART OF THE NORTH
SURVEYING OF HAYWARD INC.
ROUTE 10, BOX 251-A
HAYWARD, WI. 54843
(715)634-2442
FAX: 634-6444 ©


100

# ASHLAND COUNTY CERTIFIED SURVEY MAP NO. 279

Located in Government Lot 10, Section 32, T. 43 N., R. 4 W., in the Town of Gordon, Ashland County, Wisaconsin.

SURVEYOR'S CERTIFICATE

I, Larry T. Nelson, registered land surveyor in the State of Wisconsin, hereby certify:

That on the order of JERRY RENZELMANN, I have surveyed and mapped the following described parcel of land located in Government Lot 10, Section 32, T. 43 N., R. 4 W., in the Town of Gordon, Ashland County, Wisconsin.

To locate the Point of Beginning, commence at the West 1/4 corner of said Section 32 and run N 18°48'00" W, 598.20 feet, along the west line of said Section 32; Thence leaving said west line, N 85°34'00" E, 75.36 feet to a 1" iron pipe on the southerly right-of-way line of State Trunk Highway #77 and the Point of Beginning.

Thence from said Point of Beginning by metes and bounds:

Continuing along said right-of-way line, S 76°43'05" E, 50.12 feet to a 1" iron pipe; Thence S 39°13'19" E, 12.13 feet to a 1" iron pipe; Thence S 53°36'37" E, 163.80 feet to a 1" iron pipe that is 56 feet, more or less, N 53°36'37" W of the westerly water's edge of the Chippewa River; Thence leaving said right-of-way line, and along a meander line near said water's edge, S 26°58'27" W, 76.50 feet to a 1" iron pipe; Thence S 13°54'21" W, 154.33 feet to a 1" iron pipe that is 20 feet or more, N 18°48'00" W, 256.60 feet to a 1" iron pipe; Thence S 71°12'00" W, 10.00 feet to a 1" iron pipe; Thence N 16°12'30" W, 67.96 feet; Thence N 09°49'17" W, 31.60 feet to the Point of Beginning.

Entire parcel contains 33,602 square feet, more or less, which is 0.77 acres, more or less, including that land lying between the meander line and the water's edge of the Chippewa River and the lot lines extended to said water's edge.

Subject to all existing easements and reservations of record.

That I have fully complied with Chapter 236.34 of the Wisconsin Statutes and the Ashland County Subdivision Control Ordinance.

That this map is a true representation of the survey made; and

That said survey and map are correct to the best of my knowledge and belief.

Larry T. Nelson Dated this 4th day of June, 1996

Larry T. Nelson
Wisconsin Registation # S-1276

WISCONSIN 6/4/96 LARRY T. NELSON S-1276 ASHLAND, WIS. LAND SURVEYOR

REGISTER OF DEEDS OFFICE
ASHLAND COUNTY, WI
Received for Record
at 9:15 o'clock A M. duly recorded in
Vol. 2 of Records on Page 100
JUN - 6 1996
Wendell R. Zrinke
REGISTER OF DEEDS

#279

**OWNER'S CERTIFICATE**

As owners of the affected property, we, the undersigned, hereby certify that we have caused the lands described herein to surveyed and mapped as represented on this ASHLAND COUNTY CERTIFIED SURVEY MAP.

Jerome Renzelmann Dated this 4 day of June, 1996.
Jerome Renzelmann - Owner

Patricia A. Renzelmann Dated this 4 day of June, 1996.
Patricia Renzelmann - Owner

Ralph H. Cornell Dated this 4 day of June, 1996.
Ralph Cornell - Owner

Cheryl Cornell Dated this 4 day of June, 1996.
Cheryl Cornell - Owner

**ASHLAND COUNTY ZONING COMMITTEE APPROVAL**

Approved this 4TH day of JUNE, 1996

Dated this 5 day of JUNE 1996
Larry Hildebrandt
Ashland County Zoning Administrator

WISCONSIN
LARRY T. NELSON
S-1276
ASHLAND, WIS.
LAND SURVEYOR

Diane Wangelin
Gordon Town Treasurer
P.O. Box 5
Glidden, WI
54527 715-264-~~3677~~ 4106

Real Estate STATE OF WISCONSIN 2001
PROPERTY TAX BILL FOR
ASHLAND COUNTY
PAYMENTS AFTER JANUARY 31ST TO COUNTY
201 West Main St, Ashland, WI 54806

JEROME & PATRICIA RENZELMANN
Sequence No. 00586
Bill No. 0000586

Correspondence should refer to tax number.
See reverse side for important information

Computer # 010- 721- 0500
PAR#243043223

| Assessed Value Land | Ass'd. Value Improvements | Total Assessed Value | Ave. Assmt. Ratio | Est. Fair Mkt. Land | Est. Fair Mkt. Improvements | Total Est. Fair Mkt. |
|---|---|---|---|---|---|---|
| 6,300 | 30,300 | 36,600 | 67.93% | 9,300 | 44,600 | 53,900 |

A star in this box means unpaid prior year taxes.

| Taxing Jurisdiction | Est. State Aids Allocated Tax Dist. 2000 | Est. State Aids Allocated Tax Dist. 2001 | Net Tax 2000 | Net Tax 2001 | % Tax Change |
|---|---|---|---|---|---|
| STATE OF WISCONSIN | 63734 | 65146 | 9.00 | 10.77 | 19.7% |
| ASHLAND COUNTY | 116529 | 163752 | 289.98 | 340.18 | 17.3% |
| TOWN OF GORDON | 7551 | 7751 | 41.60 | 26.70 | -35.8% |
| VTAE DISTRICT | 618039 | 558460 | 61.33 | 70.02 | 14.2% |
| GLIDDEN SCHOOL DIST | | | 368.27 | 574.19 | 55.9% |
| Total | 805853 | 795109 | 770.18 | 1021.86 | 32.7% |
| Lottery & Gaming Credit | | | | | |
| Net Property Tax | | | 770.18 | 1021.86 | 32.7% |

Net Property Tax 1021.86

School taxes reduced by school levy tax credit 66.95

**TOTAL DUE** FOR FULL PAYMENT
PAY BY JANUARY 31, 2002
▶ $ 1021.86

Warning: If not paid by due dates, installment option is lost and total tax is delinquent subject to interest and if applicable, penalty. (See reverse)

Net Assessed Value Rate (Does NOT reflect lottery credit)
0.027919513

IMPORTANT: Be sure this description covers your property. This description is for property tax bill only and may not be a full legal description.

2-43N-04W 0.320A
OT 2 CERTIFIED SURVEY 279
T GOVT LOT 10 32-43N-R4W
321 PG 29 & V 347 PG 152
V 424 PG 292 .32A

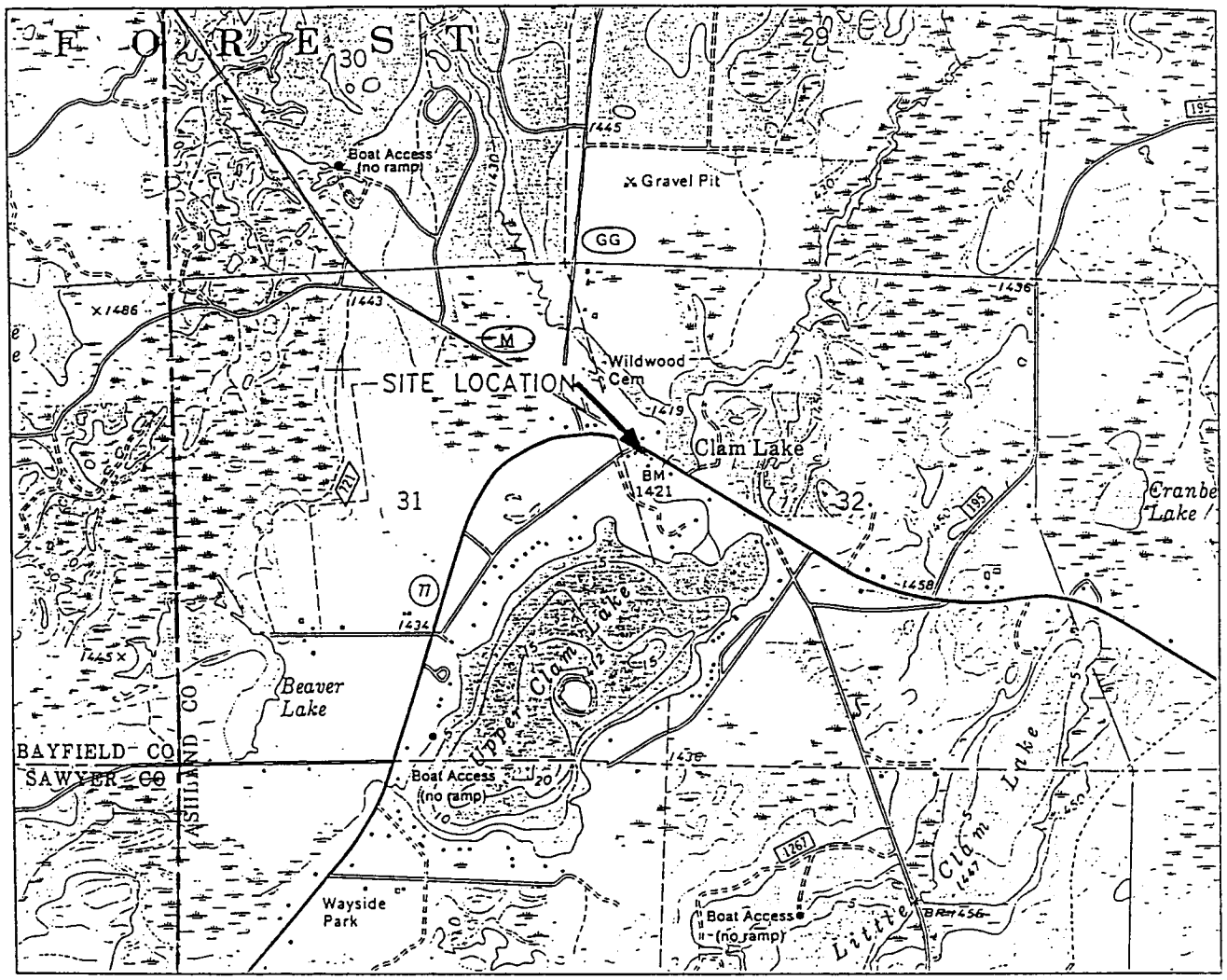
BILL NO. 586
010- 721-0500

JEROME & PATRICIA
RENZELMANN
HCR 1 BOX 35
CLAM LAKE WI 54517

| Or Pay 1st Installment | And Pay 2nd Installment |
|---|---|
| $ 510.93 2002 By: JANUARY 31 | $ 510.93 2002 By: JULY 31 |
| Special Charge Paid | Special Tax Paid |
| Special Assessment Paid | Total Amount Paid |
| Property Tax Paid | Balance Due |
| Paid by | Rec'd by Date |

THIS IS A MEMORANDUM TAX BILL AND NOT A TAX RECEIPT

PA-685/1 (R. 2-01)




SCALE 1" = 2000'

0 1000 2000 3000 4000 5000 6000 7000 8000

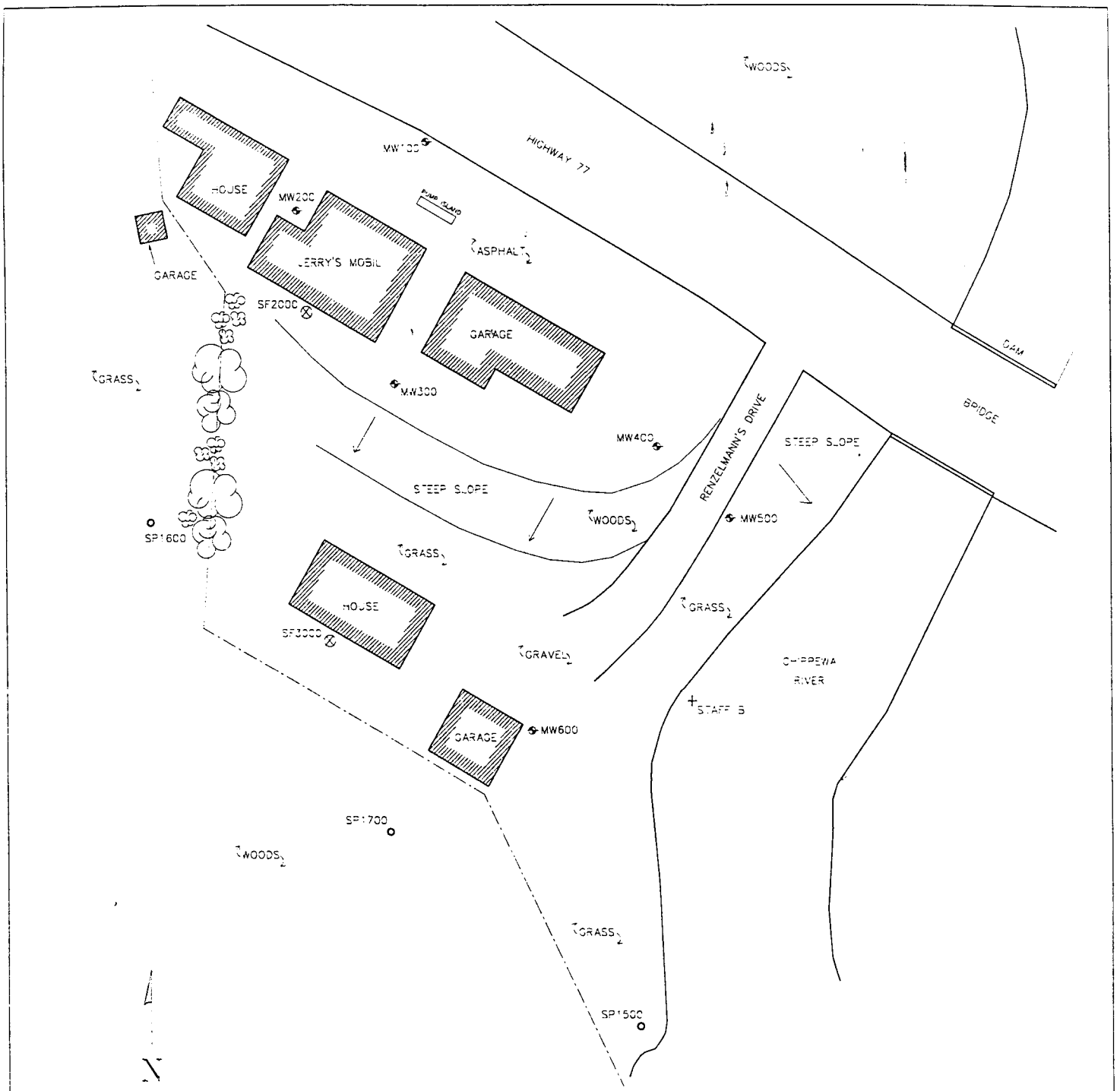
CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

QUADRANGLE LOCATION

BASE MAP SOURCE: USGS CLAM LAKE, WISCONSIN 7.5 MINUTE QUADRANGLE

| DRAWN BY: EJF | PROJECT: JM0430013 | DATE: 8/29/95 | FIGURE 1<br>SITE LOCATION AND LOCAL TOPOGRAPHY<br>JERRY'S MOBIL<br>CLAM LAKE, WISCONSIN |
|---|---|---|---|
| REVISION DATE: | THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND | | |
| | Northern Environmental<br>*Hydrologists • Engineers • Geologists* | | FOR: JERRY RENZELMANN |




| DRAWN BY: BJF | PROJECT: JMO430013 | DATE: 8/11/95 | FIGURE 4<br>MONITORING WELL AND SANDPOINT LOCATIONS<br>JERRY'S MOBIL<br>CLAM LAKE, WISCONSIN |
|---|---|---|---|
| REVISION | THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND | | |
| | ▲ Northern Environmental<br>*Hydrologists · Engineers · Geologists* | | FOR: JERRY RENZELMANN |

\...\jmo\jmo430013\mw-05

**Table 3, Ground-Water Laboratory Analytical Results, Jerry's Mobil, Clam Lake, Wisconsin**

| Well ID | Date Sampled | QC Hold Time Met | Relevant and Significant Analytical Results | | | | | | | | | | | | | | | | | | | | | Natural Attenuation Parameters | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | VOCs (µg/l) | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | | | | | | | | | |
| | | | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MW100 | 06/07/95 | Yes | ND | ND | ND | 8.4 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.45 | 0.6 | 4.54 | ND | ND | ND | — | — | — | — | — | — | — | — | — |
| | 09/08/95 | Yes | — | — | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/07/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/12/96 | Yes | ND | ND | — | 12 | — | — | — | — | 0.78 | — | — | — | — | — | — | 17 | ND | 7.3 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/17/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | 3.15 | 0.4 | 0.025 | 0 | <50 | 9.6 | — | — | — |
| | 03/21/97 | Yes | <100 | <100 | — | 0.43 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | 3.15 | 0.4 | 0.025 | 0 | <50 | 7 | — | — | — |
| | 09/11/97 | Yes | — | — | — | 72 | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | 6.5 | 7.9 | 47 | — | — | — | 0.32 | 0 | 0.45 | 3 | <50 | 12.5 | 420 | 8.3 | 30 |
| | 12/15/97 | Yes | — | — | — | 16 | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | 4.6 | — | — | — | 0.51 | 0.7 | 0.35 | 0.4 | <50 | 10.5 | — | 7.8 | -55 |
| | 03/03/98 | Yes | — | — | — | 2.9 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | 7.35 | 0.12 | 0.15 | 0.6 | <50 | 6.5 | 350 | 7.7 | -15 |
| | 06/11/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | 0.84 | 0.34 | 0.10 | 0.2 | <50 | 11.3 | 420 | 7.5 | -40 |
| | 09/15/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | 0.47 | 1.0 | 0.10 | 1.6 | <50 | 14.7 | 1680 | 7.4 | -25 |
| | 12/07/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | 2.07 | >1.0 | 0.05 | 0.2 | <50 | 12.6 | — | — | — |
| | 03/24/99 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/10/99 | Yes | — | — | — | <0.25 | — | — | — | — | <0.32 | — | — | — | <0.21 | — | — | <0.38 | <0.70 | <1.04 | — | — | — | 7.45 | 0.18 | 0 | 0.4 | <50 | 10.7 | 150 | 8.1 | -25 |
| | 09/20/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | 4.57 | 0.6 | 0 | 0.2 | <50 | 15.9 | 830 | 10.1 | -45 |
| | 12/03/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | 0.6"J" | <1 | — | — | — | 2.37 | 0.4 | 0 | 0 | <50 | 12.5 | 980 | 8.1 | -50 |
| | 02/29/00 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | 21.9 | 1.8"J" | — | — | — | 1.80 | 0.5 | 0.10 | 1.0 | <50 | 7.6 | 1190 | 9.1 | 0 |
| | 06/13/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.30 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | 2.69 | >1.0 | 0.05 | 0.6 | <50 | 9.4 | 670 | 10.9 | 25 |
| | 09/06/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.40 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | 2.88 | >1.0 | 0.05 | 0.4 | <50 | 15.7 | 630 | 8.9 | 30 |
| | 12/06/00 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 2.61 | 0.9 | 0 | 0.2 | <50 | 12.3 | 430 | — | — |
| | 02/28/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 2.32 | 0.04 | 0.65 | >10 | 200 | 0.7 | Or | 7.5 | -40 |
| | 06/04/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 6.10 | 0.16 | 0 | 0.6 | <50 | 13.3 | 180 | 7.6 | 77 |
| | 09/06/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 2.65 | 0.02 | 0 | 0.6 | <50 | 15.2 | 160 | 7.8 | 5 |
| | 12/11/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | 2.20 | 0.7 | 0 | 0.6 | <50 | 11.7 | 160 | 6.0 | -28 |
| | 03/05/02 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | 3.16 | 0.34 | 0.05 | 2.2 | <50 | 0.9 | 490 | 7.0 | -10 |
| | 06/04/02 | Yes | — | — | — | <0.08 | — | — | — | — | <0.08 | — | — | — | <0.07 | — | — | <0.08 | <0.19 | <0.34 | — | — | — | 5.55 | 0.26 | 0.05 | 0.6 | <50 | 9.4 | 310 | 8.5 | -85 |

*Note:*

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GRO = Gasoline Range Organics
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VOCs = Volatile Organic Compounds
µg/l = micrograms per liter
mg/l = milligrams per liter
s.u. = standard units
mV = millivolts
uS = microsiemens
NE = Not established by Wisconsin Administrative Code (WAC)
ND = Not detected above laboratory method detection limit
NA = Not applicable
— = Not analyzed
<x = Not detected above laboratory detection limit of x
11 = WAC Preventative Action Limit Exceeded
8.4 = WAC Enforcement Standard Exceeded
Or = out of range
"J" or * = analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)
ORP = Oxidation Reduction Potential
°C = degrees Celsius

**Table 3, Ground-Water Laboratory Analytical Results, Jerry's Mobil, Clam Lake, Wisconsin**

| Well ID | Date Sampled | QC Hold Time Met | Relevant and Significant Analytical Results | | | | | | | | | | | | | | | | | | | | | Natural Attenuation Parameters | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | VOCs (µg/l) | | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | | | | | | | | |
| | | | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MW200 | 06/07/95 | Yes | ND | 200 | 11 | 122 | ND | ND | ND | ND | ND | ND | 1.03 | ND | ND | 5.9 | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/95 | Yes | — | — | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/07/96 | Yes | ND | ND | — | 14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.83 | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/96 | Yes | ND | 110 | — | 99 | ND | ND | ND | ND | ND | ND | 0.48 | ND | ND | 0.9 | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/12/96 | Yes | ND | ND | — | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/17/96 | Yes | ND | ND | — | 31 | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/21/97 | Yes | <100 | <100 | — | 0.41 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/17/97 | Yes | <190 | <100 | — | 5.6 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | — | — | — | — | — | 8.2 | 1210 | 6.4 | 160 |
| | 09/11/97 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/15/97 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/03/98 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/11/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/15/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/07/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/24/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/10/99 | Yes | — | — | — | <0.25 | — | — | — | — | <0.32 | — | — | — | <0.21 | — | — | <0.38 | 0.4"J" | <1.04 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/20/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/03/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/29/00 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/13/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.30 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.40 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/06/00 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/28/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | 1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/11/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/05/02 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/02 | Yes | — | — | — | <0.06 | — | — | — | — | <0.06 | — | — | — | <0.07 | — | — | <0.06 | <0.19 | <0.34 | — | — | — | — | — | — | — | — | — | — | — | — |

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uS = microsiemens
NE = Not established by Wisconsin Administrative Code (WAC)
ND = Not detected above laboratory method detection limit
NA = Not applicable
— = Not analyzed
<x = Not detected above laboratory detection limit of x
11 = WAC Preventative Action Limit Exceeded
8.4 = WAC Enforcement Standard Exceeded
Or = out of range
"J" or * = analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)
ORP = Oxidation Reduction Potential
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**Table 3, Ground-Water Laboratory Analytical Results, Jerry's Mobil, Clam Lake, Wisconsin**

| Well ID | Date Sampled | QC Hold Time Met | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Relevant and Significant Analytical Results | | | VOCs (µg/l) | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | Natural Attenuation Parameters | | | | | | | | |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MW300 | 06/07/95 | Yes | 2100 | 990 | ND | 17 | 38 | 6.5 | 24.9 | ND | 117 | ND | 15.8 | 1.42 | ND | 64 | 39 | 43 | 215 | 547.8 | 0.071 | 10.5 | 51 | — | — | — | — | — | — | — | — | — |
| | 09/06/95 | Yes | — | — | — | 7.7 | — | — | — | — | 84 | — | — | — | — | — | — | 54 | — | 690 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/07/96 | Yes | 1000 | 2900 | — | 5.9 | 50 | 8.2 | ND | ND | 120 | ND | 16 | ND | ND | 69 | 41 | 27 | 235 | 422 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/96 | Yes | 890 | 3000 | — | 46 | 40 | 6.9 | ND | ND | 120 | ND | 17 | ND | ND | 100 | 41 | 30 | 240 | 453 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/12/96 | Yes | 1300 | 2600 | — | 3.1 | 39 | 6 | ND | ND | 97 | ND | 13 | ND | ND | 47 | 36 | 22 | 253 | 369 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/17/96 | Yes | 710 | 1900 | — | 1.06 | 35 | 6.7 | ND | 14 | 46 | ND | 9 | ND | ND | 25 | 28 | 16 | 248 | 171 | — | — | — | 6.05 | 0.35 | 0.62 | 2 | <50 | 8.7 | — | — | — |
| | 03/21/97 | Yes | 1200 | 2600 | — | 1.9 | 39 | 4.1 | <0.083 | <0.28 | 37 | <0.048 | 13 | 1.2 | <0.21 | 40 | 34 | 7.4 | 138 | 113 | — | — | — | 6.05 | 0.35 | 0.62 | 2 | <50 | 6.1 | — | — | — |
| | 06/17/97 | Yes | 1100 | 4800 | — | 6.3 | 84 | 17 | <1.66 | <5.6 | 96 | <0.96 | 22 | <7.4 | <4.2 | 37 | 68 | <30 | 511 | 366 | — | — | — | 2.86 | 0.05 | — | 2.2 | <50 | 5.9 | 680 | 6.6 | 145 |
| | 09/11/97 | Yes | 2900 | 6500 | — | 5.5 | 210 | 24 | <0.42 | <1.4 | 220 | <0.24 | 39 | <1.9 | <1.1 | 100 | 130 | 34 | 970 | 680 | — | — | — | 0.36 | 0.06 | 0.3 | 3 | <50 | 10 | 600 | 7.7 | 70 |
| | 12/15/97 | Yes | — | — | — | 7.4 | — | — | — | — | 170 | — | — | — | <0.21 | — | — | 26 | 750 | 480 | — | — | — | 0.45 | 0 | >0.7 | >10 | <50 | 8.7 | 800 | 8.2 | -25 |
| | 03/03/98 | Yes | — | — | — | 0.43 "J" | — | — | — | — | 2.8 | — | — | — | — | <1 | — | <1.5 | — | 8.9 | — | — | — | 10.63 | 0.26 | 0.1 | 0.8 | <50 | 5.2 | 470 | 7.5 | -40 |
| | 06/11/98 | Yes | — | — | — | 0.34"J" | — | — | — | — | 26 | — | — | — | — | — | — | 5.2 | — | 111 | — | — | — | 5.24 | 0 | 0.05 | 1.4 | <50 | 6.8 | 310 | 7.9 | -15 |
| | 09/15/98 | Yes | — | — | — | 2.8 | — | — | — | — | 41 | — | — | — | — | — | — | 6.8 | — | 150 | — | — | — | 0.33 | 0 | >0.70 | >10 | <50 | 10.5 | 580 | 7.8 | -25 |
| | 12/07/98 | Yes | — | — | — | 2.9 | — | — | — | — | 24 | — | — | — | — | — | — | 3.5 | — | 76 | — | — | — | 0.63 | 0 | >0.70 | 10 | <50 | 9.7 | — | — | — |
| | 03/24/99 | Yes | — | — | — | 78 | — | — | — | — | 370 | — | — | — | — | — | — | 35 | — | 1300 | — | — | — | 0.43 | 0 | >0.70 | >10 | <50 | 6.5 | 530 | 7.5 | -70 |
| | 06/10/99 | Yes | — | — | — | 35 | — | — | — | — | 94 | — | — | — | <2.1 | — | — | 23 | 250 | 280"J" | — | — | — | 7.44 | 0 | 0.05 | 0.8 | <50 | 6.6 | 230 | 7.7 | 40 |
| | 09/20/99 | Yes | — | — | — | 37 | — | — | — | — | 190 | — | — | — | <3.1 | — | — | 70 | 480 | 1100 | — | — | — | 5.88 | 0 | 0.20 | 1.2 | <50 | 11.7 | 230 | 9.6 | -10 |
| | 12/03/99 | Yes | — | — | — | 10"J" | — | — | — | — | 6.5"J" | — | — | — | <3.1 | — | — | <3.5 | 19.6"J" | 40 | — | — | — | 0.59 | 0 | 0.35 | 3.4 | <50 | 9.7 | 260 | 8.3 | -60 |
| | 02/29/00 | Yes | — | — | — | 0.43"J" | — | — | — | — | 2.3 | — | — | — | <0.31 | — | — | 0.39"J" | 7.7 | 7.8 | — | — | — | 5.09 | 0 | 0.30 | 4.0 | <50 | 6.6 | 230 | 9.3 | -15 |
| | 06/13/00 | Yes | — | — | — | 37 | — | — | — | — | 83 | — | — | — | 7.2 | — | — | 7.2* | 109 | 240 | — | — | — | 0.56 | 0 | >0.70 | 1.4 | <50 | 6.6 | 300 | 11.1 | 10 |
| | 09/06/00 | Yes | — | — | — | 6.5 | — | — | — | — | 5.4 | — | — | — | 2.5 | — | — | 2.1 | 15.1 | 34 | — | — | — | 1.25 | 0 | 0.65 | 2.2 | <50 | 9.9 | 280 | 9.2 | 25 |
| | 12/06/00 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 0.78 | 0 | 0.20 | 2.2 | <50 | 10.4 | 150 | — | — |
| | 02/28/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 0.97 | 0 | 0.20 | 3.2 | <50 | 1.2 | 360 | 7.0 | -25 |
| | 06/04/01 | Yes | — | — | — | 47 | — | — | — | — | 65 | — | — | — | <2.0 | — | — | 34 | 96 | 240 | — | — | — | 4.06 | 0 | 0.15 | 1.2 | <50 | 10.3 | 120 | 6.9 | 94 |
| | 09/05/01 | Yes | — | — | — | 27* | — | — | — | — | 210 | — | — | — | <20 | — | — | 35* | 710 | 1070 | — | — | — | 0.88 | 0 | >0.70 | 6.0 | <50 | 10.7 | 210 | 7.6 | 11 |
| | 12/11/01 | Yes | — | — | — | 1.5 | — | — | — | — | 11 | — | — | — | 0.93* | — | — | 1.2* | 39 | 45.5 | — | — | — | 5.59 | 0 | 0.05 | 1.4 | <50 | 9.1 | 100 | 6.5 | -27 |
| | 03/05/02 | Yes | — | — | — | 6.8 | — | — | — | — | 37 | — | — | — | 2.6* | — | — | 2.8 | 27.3 | 31.6 | — | — | — | 1.58 | 0 | >0.70 | 10 | <50 | 5.1 | 200 | 7.2 | -57 |
| | 06/04/02 | Yes | — | — | — | 4.1 | — | — | — | — | 32 | — | — | — | <0.07 | — | — | 3.5 | 132 | 116 | — | — | — | 4.35 | 0 | 0.10 | 0.4 | <50 | 6.6 | 280 | 8.4 | -58 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | VOCs (µg/l) | | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | | | | | | | | |
| | | | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Duplicate (MW300) | 12/17/96 | Yes | — | — | — | *1.4* | — | — | — | — | 44 | — | — | — | — | — | — | 15 | — | 160 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/21/97 | Yes | — | — | — | 3.3 | — | — | — | — | 44 | — | — | — | — | — | — | 9.6 | — | 159 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/17/97 | Yes | — | — | — | 6.1 | — | — | — | — | 108 | — | — | — | — | — | — | 25 | — | 380 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/11/97 | Yes | — | — | — | 3.5 | — | — | — | — | *230* | — | — | — | <0.21 | — | — | 43 | 960 | 670 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/15/97 | Yes | — | — | — | 6.4 | — | — | — | — | *180* | — | — | — | <0.21 | — | — | 26 | 730 | 480 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/03/98 | Yes | — | — | — | 0.3 "J" | — | — | — | — | 2.4 | — | — | — | — | — | — | <1.5 | — | 7.3 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/11/98 | Yes | — | — | — | <0.32 | — | — | — | — | 16.3 | — | — | — | — | — | — | 3.7 | — | 79 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/15/98 | Yes | — | — | — | 2.5 | — | — | — | — | 36 | — | — | — | — | — | — | 7.5 | — | 130 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/07/98 | Yes | — | — | — | 2.4 | — | — | — | — | 21 | — | — | — | — | — | — | 2.7 | — | 63 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/24/99 | Yes | — | — | — | 68 | — | — | — | — | *350* | — | — | — | — | — | — | 31 | — | *1200* | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/10/99 | Yes | — | — | — | 29 | — | — | — | — | 73 | — | — | — | <2.1 | | | 19 | *206* | 217.4"J" | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/20/99 | Yes | — | — | — | 32 | — | — | — | — | *180* | — | — | — | <3.1 | — | — | 71 | *450* | *1000* | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/03/99 | Yes | — | — | — | 12 | — | — | — | — | 5.9"J" | — | — | — | <3.1 | — | — | <3.5 | 10"J" | 41 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/29/00 | Yes | — | — | — | 0.42"J" | — | — | — | — | 2.2 | — | — | — | <0.31 | — | — | 0.38"J" | 7.5 | 7.6 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/13/00 | Yes | — | — | — | 41 | — | — | — | — | 95 | — | — | — | 11 | — | — | 6.2 | *125* | 260 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/00 | Yes | — | — | — | 6.5 | — | — | — | — | 5.2 | — | — | — | 2.4 | — | — | 2.1 | 14.9 | 33 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/05/00 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | 1.1* | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/28/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/01 | Yes | — | — | — | 47 | — | — | — | — | 67 | — | — | — | 2.9 | — | — | 34 | *101* | 262 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/01 | Yes | — | — | — | 27* | — | — | — | — | 220 | — | — | — | <20 | — | — | 31* | 720 | 1090 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/11/01 | Yes | — | — | — | 2.2 | — | — | — | — | 15 | — | — | — | 1.2* | — | — | 1.7 | 51 | 60 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/05/02 | Yes | — | — | — | 7.3 | — | — | — | — | 37 | — | — | — | 4.4 | — | — | 3.4 | 18.1 | 27.4 | — | — | — | — | — | — | — | — | — | — | — | — |
| MW400 | 06/07/95 | Yes | 610 | 7600 | 7 | 210 | 35 | ND | ND | ND | 760 | ND | 28.6 | ND | ND | 120 | 76 | 3700 | 670 | *4400* | ND | 7 | 17.6 | — | — | — | — | — | — | — | — | — |
| | 09/08/95 | Yes | — | — | — | 360 | — | — | — | — | 1900 | — | — | — | — | — | — | 3600 | — | 10000 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/07/96 | Yes | 950 | 7600 | — | 170 | 60 | 8.1 | ND | ND | *440* | ND | 25 | ND | ND | 160 | 77 | *800* | 570 | *1830* | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/96 | Yes | 4000 | 38000 | — | 370 | 117 | ND | ND | ND | 1900 | ND | 84 | ND | ND | 201 | 210 | 10000 | 2350 | 13000 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/12/96 | Yes | — | 37000 | — | 850 | 200 | 25 | ND | ND | 2400 | 6.7 | 110 | ND | ND | 680 | 320 | 8300 | 3140 | 14400 | — | — | — | — | — | — | — | — | — | — | — | — |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | VOCs (µg/l) | | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | | | | | | | | |
| | | | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MW400 | 12/17/96 | Yes | 3000 | 31000 | — | 28 | 8.9 | 0.79 | ND | 2.7 | 75 | 0.31 | 3.5 | ND | 0.35 | 25 | 13 | 8500 | 118 | 480 | — | — | — | 0.023 | 0 | 0.26 | 7.3 | 63 | 9.1 | — | — | — |
| | 03/21/97 | Yes | 1100 | 9400 | — | 220 | 78 | <12 | <1.66 | <5.6 | 370 | <0.96 | 23 | <7.4 | <4.2 | 170 | 74 | 1000 | 730 | 2020 | — | — | — | 0.023 | 0 | 0.26 | 7.3 | 63 | 6.6 | — | — | — |
| | 06/17/97 | Yes | 4800 | 40000 | — | 820 | 236 | 62 | <4.2 | <14 | 2500 | 12 | 121 | <18.5 | <10.5 | 470 | 350 | 10000 | 3340 | 17200 | — | — | — | 0.26 | 0 | 0.7 | 10 | 50 | 7 | — | 6.1 | -35 |
| | 09/11/97 | Yes | 3900 | 45000 | — | 310 | 140 | <30 | <4.2 | <14 | 930 | <2.4 | 51 | <19 | <11 | 230 | 160 | 2400 | 1630 | 6100 | — | — | — | 0.35 | 0 | >0.7 | >10 | <50 | 10.8 | 1260 | 6.9 | -20 |
| | 12/15/97 | Yes | — | — | — | 210 | — | — | — | — | 270 | — | — | — | — | <4.2 | — | 580 | 436 | 1200 | — | — | — | 0.38 | 0 | 0.45 | >10 | <50 | 9.8 | 860 | 6 | -35 |
| | 03/03/98 | Yes | — | — | — | 85 | — | — | — | — | 170 | — | — | — | — | 72 | — | 290 | — | 680 | — | — | — | 0.74 | 0 | 0.3 | 6 | <50 | 6.9 | 550 | 7.2 | -15 |
| | 06/11/98 | Yes | — | — | — | 510 | — | — | — | — | 2400 | — | — | — | — | 510 | — | 8400 | — | 15000 | — | — | — | .57 | 0 | >0.7 | >10 | <50 | 6.4 | — | 6.9 | -25 |
| | 09/15/98 | Yes | — | — | — | 13 | — | — | — | — | 52 | — | — | — | — | 39 | — | 20 | — | 220 | — | — | — | 1.53 | 0 | 0.35 | 6 | <50 | 12.3 | 1540 | 7.5 | -25 |
| | 12/07/98 | Yes | — | — | — | 2.9 | — | — | — | — | 21 | — | — | — | — | 27 | — | 1.1"J" | — | 70 | — | — | — | 0.62 | 0 | 0.40 | 1.6 | <50 | 11.1 | — | — | — |
| | 03/24/99 | Yes | — | — | — | 1.1"J" | — | — | — | — | 12 | — | — | — | — | — | — | 0.5"J" | — | 21 | — | — | — | 0.51 | 0 | 0.45 | 10 | <50 | 7.7 | 360 | 7.9 | -50 |
| | 06/10/99 | Yes | — | — | — | 1.7 | — | — | — | — | 110 | — | — | — | <0.42 | — | — | 20 | 351 | 1280 | — | — | — | 0.56 | 0 | >0.70 | >10 | 55 | 8.6 | OR | 7.9 | 115 |
| | 09/20/99 | Yes | — | — | — | 2.4 | — | — | — | — | 140 | — | — | — | 2.7 | — | — | 3.9 | 325 | 310 | — | — | — | 0.58 | 0 | >0.70 | 3.0 | <50 | 13.6 | 970 | 9.3 | 25 |
| | 12/03/99 | Yes | — | — | — | <0.32 | — | — | — | — | 16 | — | — | — | <0.31 | — | — | 0.45"J" | 8.4 | 12 | — | — | — | 0.35 | 0 | 0.05 | 1.8 | <50 | 11.9 | 340 | 8.2 | -60 |
| | 02/29/00 | Yes | — | — | — | 6.7 | — | — | — | — | 23 | — | — | — | <0.31 | — | — | <0.35 | 6.6 | 12 | — | — | — | 0.46 | 0 | 0.10 | 2.2 | <50 | 8.5 | 250 | 9.3 | — |
| | 06/13/00 | Yes | — | — | — | <5.0 | — | — | — | — | 150 | — | — | — | <3.0 | — | — | <5.0 | 392 | 760 | — | — | — | 0.41 | 0 | >0.70 | >10 | <50 | 8.8 | 1410 | 10.1 | 75 |
| | 09/06/00 | Yes | — | — | — | 0.93" | — | — | — | — | 100 | — | — | — | 0.86" | — | — | 0.63" | 38" | 85.2 | — | — | — | 0.54 | 0 | >0.70 | 10.0 | <50 | 12.1 | 1660 | 8.4 | 90 |
| | 12/06/00 | Yes | — | — | — | 0.68" | — | — | — | — | 49 | — | — | — | 0.89" | — | — | 0.76" | 1.0" | 2.68" | — | — | — | 0.62 | 0 | 0.30 | 6.0 | <50 | 8.6 | 740 | — | — |
| | 02/28/01 | Yes | — | — | — | 2.8 | — | — | — | — | 45 | — | — | — | <0.40 | — | — | <0.40 | 0.50" | 2.7 | — | — | — | 0.70 | 0 | 0.35 | 6.4 | <50 | 2.4 | 630 | 6.8 | Or |
| | 06/04/01 | Yes | — | — | — | <10 | — | — | — | — | 210 | — | — | — | <10 | — | — | 110 | 590 | 1310 | — | — | — | 0.42 | 0 | 0.70 | >10 | <50 | 11.7 | OR | 6.0 | 52 |
| | 09/06/01 | Yes | — | — | — | <20 | — | — | — | — | 350 | — | — | — | <20 | — | — | <20 | 1220 | 1200 | — | — | — | 0.30 | 0 | >0.70 | >10 | <50 | 12.3 | 1610 | 7.4 | 12 |
| | 12/11/01 | Yes | — | — | — | 29" | — | — | — | — | 220 | — | — | — | <20 | — | — | <20 | 220" | 350 | — | — | — | 0.32 | 0 | 0.70 | 6.0 | <50 | 10.9 | 720 | 6.5 | -14 |
| | 03/05/02 | Yes | — | — | — | 100 | — | — | — | — | 330 | — | — | — | <4.0 | — | — | 5.6" | 347 | 436.9 | — | — | — | 0.90 | 0 | >0.70 | 6.0 | <50 | 6.1 | 750 | 6.9 | -11 |
| | 06/04/02 | Yes | — | — | — | 22 | — | — | — | — | 270 | — | — | — | <3.5 | — | — | 61 | 990 | 1180 | — | — | — | 0.73 | 0 | >0.70 | >10.0 | <50 | 7.0 | 1380 | 7.9 | -49 |
| Duplicate (MW400) | 06/07/95 | Yes | — | — | — | 370 | 57 | ND | ND | ND | 1500 | ND | 52 | ND | ND | 200 | 130 | 7700 | 1360 | 6800 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/95 | Yes | — | — | — | 170 | — | — | — | — | 730 | — | — | — | — | — | — | 1600 | — | 3900 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/02 | Yes | — | — | — | 24 | — | — | — | — | 280 | — | — | — | <3.5 | — | — | 58 | 980 | 1210 | — | — | — | — | — | — | — | — | — | — | — | — |
| MW500 | 07/18/95 | Yes | ND | ND | 6 | 3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/95 | Yes | — | — | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | — | — | — | — | — | — | — | — | — |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | VOCs (µg/l) | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | | | | | | | | | |
| | | | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MW500 | 02/07/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 05/04/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/12/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/17/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | 0.9 | 0.025 | 0.125 | 1 | 62 | 8 | — | — | — |
| Duplicate (MW500) | 07/18/95 | Yes | — | — | — | 3.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 05/04/96 | Yes | — | ND | — | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/12/96 | Yes | ND | ND | — | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| MW600 | 07/18/95 | Yes | 250 | 4300 | 2 | 140 | ND | ND | ND | ND | 45 | ND | ND | ND | ND | ND | ND | 95 | 129.7 | 2040 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/95 | Yes | — | — | — | 39 | — | — | — | — | 22 | — | — | — | — | — | — | 8.5 | — | 520 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/07/96 | Yes | ND | ND | — | 3.9 | — | — | — | — | ND | — | — | — | — | — | — | ND | 4.05 | 10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 05/04/96 | Yes | ND | ND | ND | 2.6 | — | — | — | — | ND | — | — | — | — | — | — | 11 | 4.5 | 9.4 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/12/96 | Yes | — | 1800 | — | 6 | — | — | — | — | 23 | — | — | — | — | — | — | 25 | 152 | 1100 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/17/96 | Yes | ND | 130 | — | ND | — | — | — | — | 1.1 | — | — | — | — | — | — | 7.3 | — | 78 | — | — | — | 0.28 | 0 | 0.38 | 4.3 | <50 | 5.4 | — | — | — |
| | 03/21/97 | Yes | 100 | 170 | — | 0.74 | — | — | — | — | 1.7 | — | — | — | — | — | — | <1.5 | — | 75 | — | — | — | 0.28 | 0 | 0.38 | 4.3 | <50 | 3.7 | — | — | — |
| | 06/17/97 | Yes | 110 | 234 | — | 4.6 | — | — | — | — | 3.2 | — | — | — | — | — | — | <1.5 | — | 45 | — | — | — | 0.54 | 0 | 0.35 | 3.75 | <50 | 6.5 | 270 | 7.5 | 125 |
| | 09/11/97 | Yes | <100 | <100 | — | 0.54 "J" | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | <1.8 | — | — | — | 0.32 | 0 | >0.7 | 3 | <50 | 12.7 | 390 | 7.4 | 165 |
| | 12/15/97 | Yes | — | — | — | 1.4 | — | — | — | — | 1 | — | — | — | <0.21 | — | — | <1.5 | 28.87 | 9.9 | — | — | — | 1.24 | 0.12 | 0.35 | 1 | <50 | 5.4 | 190 | 9.7 | 100 |
| | 03/03/98 | Yes | — | — | — | 0.77 | — | — | — | — | 0.83 | — | — | — | — | — | — | <1.5 | — | 44 | — | — | — | 4.09 | 0 | 0.45 | 10 | <50 | 1.9 | 450 | 7.8 | -10 |
| | 06/11/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | .48 | 0.1 | 0.05 | 2.4 | <50 | 9.4 | 120 | 9.4 | 70 |
| | 09/15/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | 0.40 | 0 | 0.30 | 4.2 | <50 | 16.0 | 440 | 10.1 | 70 |
| | 12/07/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | 4.4 | — | — | — | 2.34 | 0.16 | 0 | 1.0 | <50 | 8.3 | — | — | — |
| | 03/24/99 | Yes | — | — | — | 0.41"J" | — | — | — | — | 0.48"J" | — | — | — | — | — | — | <0.35 | — | 10 | — | — | — | 3.73 | 0.08 | 0.45 | 3.4 | <50 | 2.1 | 1180 | 9.9 | 90 |
| | 06/10/99 | Yes | — | — | — | <0.25 | — | — | — | — | <0.32 | — | — | — | <0.21 | — | — | <0.38 | <0.70 | <1.04 | — | — | — | 1.44 | 0.1 | 0.05 | 2.0 | <50 | 10.1 | 60 | 10.2 | 125 |
| | 09/20/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | 1.38 | 0.02 | 0 | 0.6 | <50 | 15.4 | 60 | 12.2 | 70 |
| | 12/03/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | 0.74 | 0 | 0.70 | 10 | <50 | 8.6 | 460 | 9.9 | 185 |

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**Table 3, Ground-Water Laboratory Analytical Results, Jerry's Mobil, Clam Lake, Wisconsin**

| Well ID | Date Sampled | QC Hold Time Met | Relevant and Significant Analytical Results | | | | | | | | | | | | | | | | | | | | | Natural Attenuation Parameters | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | VOCs (µg/l) | | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | | | | | | | | |
| | | | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MW600 | 02/29/00 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | 2.5 | 9.5 | — | — | — | 3.83 | 0.14 | 0.10 | 2.0 | <50 | 2.1 | 370 | 10.6 | 150 |
| | 06/13/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.30 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | 0.82 | 0.20 | 0.15 | 2.8 | <50 | 9.2 | 170 | 12.3 | -10 |
| | 09/06/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.40 | — | — | <0.50 | <1.0 | 0.63* | — | — | — | 0.65 | 0.04 | 0 | 1.6 | <50 | 15.5 | 70 | 10.9 | 125 |
| | 12/06/00 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 1.26 | 0.30 | 0.10 | 1.4 | <50 | 10.1 | 120 | — | — |
| | 02/28/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 0.94 | 0 | 0.70 | 10 | <50 | 1.2 | 240 | 7.0 | Or |
| | 06/04/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | 0.67 | <1.10 | — | — | — | 0.87 | 0.60 | 0.05 | 1.5 | <50 | 13.5 | 100 | 9.8 | -13 |
| | 09/06/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 0.71 | 0.10 | 0.05 | 1.4 | <50 | 17.0 | 50 | 8.1 | -42 |
| | 12/11/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | 3.15 | 0.6 | 0 | 0.8 | <50 | 6.4 | 80 | 8.1 | 74 |
| | 03/05/02 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | 1.05 | 0 | 0.60 | >10 | <50 | 2.3 | 300 | 8.3 | -78 |
| | 06/04/02 | Yes | — | — | — | <0.06 | — | — | — | — | <0.06 | — | — | — | <0.07 | — | — | <0.06 | 0.28*J* | 0.54 | — | — | — | 2.89 | >1.0 | 0.10 | 1.0 | <50 | 9.4 | 80 | 9.0 | -52 |
| SP1500 | 06/07/95 | Yes | ND | ND | 2 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.54 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/95 | Yes | — | — | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/07/96 | Yes | 150 | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/12/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/17/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | 10.2 | 0 | 0.3 | 5 | <50 | 2.7 | — | — | — |
| | 06/17/97 | Yes | <100 | <100 | — | <0.21 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/11/97 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/15/97 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | 0.28 *J* | — | — | <1.5 | <1.86 | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/03/98 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/11/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/15/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/07/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/24/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/10/99 | Yes | — | — | — | <0.25 | — | — | — | — | <0.32 | — | — | — | <0.21 | — | — | <0.38 | <0.70 | <1.04 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/20/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | 3.8 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/03/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | VOCs (µg/l) | | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | | | | | | | | |
| | | | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SP1500 | 02/29/00 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/13/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.30 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.40 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/06/00 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/28/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/11/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/05/02 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/02 | Yes | — | — | — | <0.06 | — | — | — | — | <0.06 | — | — | — | <0.07 | — | — | <0.06 | <0.19 | <0.34 | — | — | — | — | — | — | — | — | — | — | — | — |
| SP1600 | 07/19/95 | Yes | ND | ND | 2 | ND | ND | 0.94 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.95 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/95 | Yes | — | — | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/07/96 | Yes | 170 | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/12/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/17/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | 1.42 | 0 | 0.35 | 4 | 63 | — | — | — | — |
| | 03/21/97 | Yes | <100 | <100 | — | <0.21 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | — | — | — | — | — | 2.6 | — | — | — |
| | 06/17/97 | Yes | <100 | <100 | — | <0.21 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | 0.35 | 0 | 0.7 | >10 | >200 | 11.2 | 350 | 6.9 | 85 |
| | 09/11/97 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | <1.8 | — | — | — | 0.32 | 0 | >0.7 | >10 | <50 | 13.5 | 250 | 7.8 | -55 |
| | 12/15/97 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | <1.8 | — | — | — | 0.99 | 0 | 0 | 0.5 | 90 | 4.6 | 430 | 9.2 | 110 |
| | 03/03/98 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | 1.87 | 0 | 0.45 | 10 | <50 | 1.9 | 450 | 7.8 | -10 |
| | 06/11/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | 3.43 | 0 | 0.30 | >10 | <50 | 11.0 | 290 | 8.9 | -65 |
| | 09/15/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | 4.29 | 0 | 0.70 | >10 | 55 | 22.0 | 480 | 8.9 | Or |
| | 12/07/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | 0.84 | 0 | 0.70 | >10 | 50 | 6.2 | — | — | — |
| | 03/24/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | 1.34 | 0 | 0.50 | >10 | 50 | 2.6 | 490 | 8.7 | 125 |
| | 06/10/99 | Yes | — | — | — | <0.25 | — | — | — | — | <0.32 | — | — | — | <0.21 | — | — | <0.38 | <0.70 | <1.04 | — | — | — | 0.58 | 0 | 0.25 | >10 | <50 | 12.1 | 280 | 8.9 | 190 |
| | 09/20/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | 7.3 | — | — | <0.35 | <0.99 | <1 | — | — | — | 3.54 | 0 | 0.25 | >10 | 55 | 13.3 | 310 | 10.9 | 100 |

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| Well ID | Date Sampled | QC Hold Time Met | Relevant and Significant Analytical Results | | | | | | | | | | | | | | | | | | | | | Natural Attenuation Parameters | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | VOCs (µg/l) | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | | | | | | | | | |
| | | | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SP1600 | 12/03/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | 5.98 | 0 | 0.65 | >10 | 60 | 6.7 | 430 | 9.3 | 10 |
| | 02/29/00 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | 1.15 | 0 | >0.70 | >10 | 55 | 2.0 | 300 | 10.7 | 145 |
| | 06/13/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.30 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | 0.45 | 0 | 0.55 | >10 | 55 | 10.3 | 280 | 12.0 | 50 |
| | 09/06/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.40 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | 1.17 | 0 | 0.65 | >10 | 55 | 13.9 | 350 | 10.3 | 175 |
| | 12/06/00 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 0.78 | 0 | >0.70 | >10 | 65 | 8.6 | 220 | — | — |
| | 02/28/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 1.75 | 0 | 0.70 | >10 | 75 | 1.6 | 280 | 6.9 | Or |
| | 06/04/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 0.74 | 0 | 0.40 | >10 | 50 | 13.3 | 260 | 8.3 | Or |
| | 09/06/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | 0.52 | 0 | 0.60 | >10 | 50 | 16.1 | 280 | 7.3 | Or |
| | 12/11/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | 0.67 | 0 | >0.70 | >10 | 55 | 5.6 | 300 | 7.4 | Or |
| | 03/05/02 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | 1.44 | 0 | >0.70 | >10 | 60 | 2.3 | 370 | 7.4 | -85 |
| | 06/04/02 | Yes | — | — | — | <0.08 | — | — | — | — | <0.08 | — | — | — | <0.07 | — | — | <0.08 | <0.19 | <0.34 | — | — | — | 2.03 | 0 | 0.40 | >10 | <50 | 9.8 | 250 | 8.7 | 2 |
| SP1700 | 09/08/95 | Yes | 130 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/07/96 | Yes | 170 | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/12/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/17/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/21/97 | Yes | <100 | <100 | — | <0.21 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/17/97 | Yes | <100 | <100 | — | <0.21 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | 0.85 | 0.075 | 0.15 | 0 | <50 | 9.4 | 180 | 7.1 | -20 |
| | 09/11/97 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/15/97 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/03/98 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/11/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/15/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/07/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/24/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/10/99 | Yes | — | — | — | <0.25 | — | — | — | — | <0.32 | — | — | — | <0.21 | — | — | <0.38 | <0.70 | <1.04 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/20/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |

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s.u. = standard units
mV = millivolts
uS = microsiemens
NE = Not established by Wisconsin Administrative Code (WAC)
ND = Not detected above laboratory method detection limit
NA = Not applicable
— = Not analyzed
<x = Not detected above laboratory detection limit of x
11 = WAC Preventative Action Limit Exceeded
8.4 = WAC Enforcement Standard Exceeded
Or = out of range
"J" or " = analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)
ORP = Oxidation Reduction Potential
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**Table 3, Ground-Water Laboratory Analytical Results, Jerry's Mobil, Clam Lake, Wisconsin**

| Well ID | Date Sampled | QC Hold Time Met | Relevant and Significant Analytical Results | | | | | | | | | | | | | | | | | | | | | Natural Attenuation Parameters | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | VOCs (µg/l) | | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | | | | | | | | |
| | | | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SP1700 | 12/03/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/29/00 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/13/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.30 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.40 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/06/00 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/28/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/11/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/05/02 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/02 | Yes | — | — | — | <0.08 | — | — | — | — | <0.08 | — | — | — | <0.07 | — | — | <0.08 | <0.19 | <0.34 | — | — | — | — | — | — | — | — | — | — | — | — |
| Chippewa River | 02/07/96 | Yes | ND | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/96 | Yes | ND | ND | — | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/10/96 | Yes | — | ND | — | 0.35 | ND | ND | — | — | ND | — | ND | ND | ND | ND | ND | ND | ND | 0.34 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/17/96 | Yes | — | — | — | 2.5 | — | — | — | — | 2.1 | — | — | — | — | — | — | 1.9 | — | 13 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/20/97 | Yes | — | <100 | — | 0.23 | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/11/97 | Yes | — | — | — | 1.1 | — | — | — | — | 0.69 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | 4.2 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/03/98 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/15/98 | Yes | — | — | — | 1.6 | — | — | — | — | 0.95"J" | — | — | — | — | — | — | <0.35 | — | 5.4 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/10/99 | Yes | — | — | — | <0.25 | — | — | — | — | <0.32 | — | — | — | <0.21 | — | — | <0.38 | <0.70 | <1.04 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/03/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/29/00 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/13/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.30 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/06/00 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/05/02 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| Trip Blank | 06/07/95 | Yes | — | — | — | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 07/18/95 | Yes | — | — | — | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |

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NE = Not established by Wisconsin Administrative Code (WAC)
ND = Not detected above laboratory method detection limit
NA = Not applicable
— = Not analyzed
<x = Not detected above laboratory detection limit of x
11 = WAC Preventative Action Limit Exceeded
8.4 = WAC Enforcement Standard Exceeded
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**Table 3, Ground-Water Laboratory Analytical Results, Jerry's Mobil, Clam Lake, Wisconsin**

| Well ID | Date Sampled | QC Hold Time Met | Relevant and Significant Analytical Results | | | | | | | | | | | | | | | | | | | | Natural Attenuation Parameters | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | VOCs (µg/l) | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | | | | | | | | |
| | | | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Trip Blank | 09/06/95 | Yes | — | — | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/07/96 | Yes | — | — | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/96 | Yes | — | ND | — | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/12/96 | Yes | — | ND | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/17/96 | Yes | — | — | — | ND | — | — | — | — | ND | — | — | — | — | — | — | ND | — | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/21/97 | Yes | — | — | — | <0.21 | <0.38 | <0.6 | <0.3 | <0.28 | <0.68 | <0.048 | <0.38 | <0.37 | <0.21 | <1 | <0.4 | <1.5 | <1.86 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/17/97 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/11/97 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/15/97 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | <0.21 | — | — | <1.5 | <1.86 | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/03/98 | Yes | — | — | — | <0.21 | — | — | — | — | <0.68 | — | — | — | — | — | — | <1.5 | — | <1.8 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/11/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/15/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/07/98 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <0.98 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/24/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/10/99 | Yes | — | — | — | <0.25 | — | — | — | — | <0.32 | — | — | — | <0.21 | — | — | <0.38 | <0.70 | <1.04 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/20/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/03/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/29/00 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/13/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.30 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.40 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/06/00 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/28/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/01 | Yes | — | — | — | <0.40 | — | — | — | — | 0.83* | — | — | — | <0.40 | — | — | 1.1* | <0.80 | 3.7* | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/11/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/05/02 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/02 | Yes | — | — | — | <0.06 | — | — | — | — | <0.06 | — | — | — | <0.07 | — | — | <0.06 | <0.19 | <0.34 | — | — | — | — | — | — | — | — | — | — | — | — |

Note:

DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PAHs = Polynuclear Aromatic Hydrocarbons
VOCs = Volatile Organic Compounds
µg/l = micrograms per liter
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s.u. = standard units
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uS = microsiemens
NE = Not established by Wisconsin Administrative Code (WAC)
ND = Not detected above laboratory method detection limit
NA = Not applicable
— = Not analyzed
<x = Not detected above laboratory detection limit of x
11 = WAC Preventative Action Limit Exceeded
8.4 = WAC Enforcement Standard Exceeded
Or = out of range
"J" or * = analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)
ORP = Oxidation Reduction Potential
°C = degrees Celsius

**Table 3, Ground-Water Laboratory Analytical Results, Jerry's Mobil, Clam Lake, Wisconsin**

| Well ID | Date Sampled | QC Hold Time Met | Relevant and Significant Analytical Results | | | | | | | | | | | | | | | | | | | | | Natural Attenuation Parameters | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | VOCs (µg/l) | | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | | | | | | | | |
| | | | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Field Blank | 06/07/95 | Yes | --- | --- | --- | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 09/06/95 | Yes | --- | --- | --- | ND | --- | --- | --- | --- | ND | --- | --- | --- | --- | --- | --- | ND | --- | ND | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 02/07/96 | Yes | --- | --- | --- | ND | --- | --- | --- | --- | ND | --- | --- | --- | --- | --- | --- | ND | ND | ND | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 06/04/96 | Yes | --- | --- | --- | ND | --- | --- | --- | --- | ND | --- | --- | --- | --- | --- | --- | ND | ND | ND | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 09/12/96 | Yes | --- | ND | --- | ND | --- | --- | --- | --- | ND | --- | --- | --- | --- | --- | --- | ND | ND | ND | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 12/17/96 | Yes | --- | --- | --- | ND | --- | --- | --- | --- | ND | --- | --- | --- | --- | --- | --- | ND | --- | ND | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 03/21/97 | Yes | --- | --- | --- | <0.21 | <0.38 | <0.6 | <0.3 | <0.28 | <0.68 | <0.048 | <0.38 | <0.37 | <0.21 | <1 | <0.4 | <1.5 | <1.86 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 06/17/97 | Yes | --- | --- | --- | <0.21 | --- | --- | --- | --- | <0.68 | --- | --- | --- | --- | --- | --- | <1.5 | --- | <1.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 09/11/97 | Yes | --- | --- | --- | <0.21 | --- | --- | --- | --- | <0.68 | --- | --- | --- | <0.21 | --- | --- | <1.5 | <1.86 | <1.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 12/15/97 | Yes | --- | --- | --- | <0.21 | --- | --- | --- | --- | <0.68 | --- | --- | --- | <0.21 | --- | --- | <1.5 | <1.86 | <1.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 03/03/98 | Yes | --- | --- | --- | <0.21 | --- | --- | --- | --- | <0.68 | --- | --- | --- | --- | --- | --- | <1.5 | --- | <1.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 06/11/98 | Yes | --- | --- | --- | <0.32 | --- | --- | --- | --- | <0.34 | --- | --- | --- | --- | --- | --- | <0.35 | --- | <0.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GET 1 | 01/05/99 | Yes | --- | --- | --- | 0.74"J" | --- | --- | --- | --- | <0.34 | --- | --- | --- | --- | --- | --- | 1.2"J" | --- | 1.2"J" | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 03/24/99 | Yes | --- | --- | --- | <0.32 | --- | --- | --- | --- | 0.49"J" | --- | --- | --- | --- | --- | --- | 0.7"J" | --- | 1.4"J" | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 09/20/99 | Yes | --- | --- | --- | <0.32 | --- | --- | --- | --- | 0.43"J" | --- | --- | --- | <0.31 | --- | --- | <0.35 | 0.66"J" | 1.2"J" | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 03/02/00 | Yes | --- | --- | --- | <0.32 | --- | --- | --- | --- | <0.34 | --- | --- | --- | <0.31 | --- | --- | <0.35 | <0.99 | <1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 06/13/00 | Yes | --- | --- | --- | <0.50 | --- | --- | --- | --- | <0.50 | --- | --- | --- | <0.30 | --- | --- | <0.50 | <1.0 | <1.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 09/06/00 | Yes | --- | --- | --- | 1.6 | --- | --- | --- | --- | <0.50 | --- | --- | --- | <0.40 | --- | --- | <0.50 | <1.0 | <1.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 12/06/00 | Yes | --- | --- | --- | 1.5 | --- | --- | --- | --- | <0.40 | --- | --- | --- | <0.40 | --- | --- | <0.40 | <0.80 | <1.10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 02/28/01 | Yes | --- | --- | --- | 1.1* | --- | --- | --- | --- | <0.40 | --- | --- | --- | <0.40 | --- | --- | <0.40 | <0.80 | <1.10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GET 2 | 01/05/99 | Yes | --- | --- | --- | 360 | --- | --- | --- | --- | 220 | --- | --- | --- | --- | --- | --- | 1200 | --- | 1900 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 03/24/99 | Yes | --- | --- | --- | 180 | --- | --- | --- | --- | 170 | --- | --- | --- | --- | --- | --- | 430 | --- | 1300 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 09/20/99 | Yes | --- | --- | --- | 80 | --- | --- | --- | --- | 4.7"J" | --- | --- | --- | <3.1 | --- | --- | 77 | 176 | 530 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 03/02/00 | Yes | --- | --- | --- | 23 | --- | --- | --- | --- | 79 | --- | --- | --- | <3.1 | --- | --- | 150 | 249 | 600 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 06/13/00 | Yes | --- | --- | --- | 11 | --- | --- | --- | --- | 25 | --- | --- | --- | <3.0 | --- | --- | 66 | 220 | 730 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 09/06/00 | Yes | --- | --- | --- | 13 | --- | --- | --- | --- | 21 | --- | --- | --- | <2.0 | --- | --- | 27 | 189 | 368 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 12/06/00 | Yes | --- | --- | --- | 25 | --- | --- | --- | --- | 68 | --- | --- | --- | <4.0 | --- | --- | 35 | 148 | 277 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | 02/28/01 | Yes | --- | --- | --- | 5.1 | --- | --- | --- | --- | 22 | --- | --- | --- | 0.51* | --- | --- | 1.5 | 36.7 | 50.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

*Note:*

DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PAHs = Polynuclear Aromatic Hydrocarbons
VOCs = Volatile Organic Compounds
µg/l = micrograms per liter
mg/l = milligrams per liter
s.u. = standard units
mV = millivolts
uS = microsiemens
NE = Not established by Wisconsin Administrative Code (WAC)
ND = Not detected above laboratory method detection limit
NA = Not applicable
--- = Not analyzed
<x = Not detected above laboratory detection limit of x
11 = WAC Preventative Action Limit Exceeded
8.4 = WAC Enforcement Standard Exceeded
Or = out of range
"J" or * = analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)
ORP = Oxidation Reduction Potential
°C = degrees Celsius

**Table 3, Ground-Water Laboratory Analytical Results, Jerry's Mobil, Clam Lake, Wisconsin**

| Well ID | Date Sampled | QC Hold Time Met | Relevant and Significant Analytical Results | | | | | | | | | | | | | | | | | | | | | Natural Attenuation Parameters | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | VOCs (µg/l) | | | | | | | | | | | | | | | PAHs Detected (µg/l) | | | | | | | | | | | |
| | | | DRO | GRO | Lead | Benzene | n-Butylbenzene | sec-Butylbenzene | Chloromethane | Di-Isopropyl Ether | Ethylbenzene | EDB (1,2-Dibromoethane) | Isopropylbenzene | p-Isopropyltoluene | MTBE | Naphthalene | n-Propylbenzene | Toluene | Trimethylbenzenes | Xylenes | Anthracene | 1-Methyl Naphthalene | 2-Methyl Naphthalene | Dissolved Oxygen (mg/l) | Nitrate (mg/l) | Manganese (mg/l) | Iron (mg/l) | Sulfate (mg/l) | Temperature (°C) | Conductivity (uS) | pH (s.u.) | ORP (mV) |
| WAC Preventative Action Limit (PAL) (µg/l) | | | NE | NE | 1.5 | 0.5 | NE | NE | 0.3 | NE | 140 | 0.005 | NE | NE | 12 | 8 | NE | 200 | 96 | 1000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WAC Enforcement Standard (ES) (µg/l) | | | NE | NE | 15 | 5 | NE | NE | 3 | NE | 700 | 0.05 | NE | NE | 60 | 40 | NE | 1000 | 480 | 10000 | NE | NE | NE | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| GET 3 | 01/05/99 | Yes | — | — | — | <0.32 | — | — | — | — | 0.46"J" | — | — | — | — | — | — | 2.1 | — | 3"J" | — | — | — | — | — | — | — | — | — | — | — | — |
| | 03/24/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | — | — | — | <0.35 | — | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/20/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | 0.5"J" | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| SF2000 (Rental House) | 07/18/95 | Yes | — | — | — | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/20/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/13/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.30 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/07/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.40 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| SF3000 (Cabin) | 07/18/95 | Yes | — | — | — | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/03/99 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 02/29/00 | Yes | — | — | — | <0.32 | — | — | — | — | <0.34 | — | — | — | <0.31 | — | — | <0.35 | <0.99 | <1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/13/00 | Yes | — | — | — | <0.50 | — | — | — | — | <0.50 | — | — | — | <0.30 | — | — | <0.50 | <1.0 | <1.5 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 10/12/00 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.1 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/06/00 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 04/03/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 09/06/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.80 | <1.10 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 12/11/01 | Yes | — | — | — | <0.40 | — | — | — | — | <0.40 | — | — | — | <0.40 | — | — | <0.40 | <0.90 | <1.40 | — | — | — | — | — | — | — | — | — | — | — | — |
| | 06/04/02 | Yes | — | — | — | <0.08 | — | — | — | — | <0.08 | — | — | — | <0.07 | — | — | <0.08 | <0.19 | <0.34 | — | — | — | — | — | — | — | — | — | — | — | — |

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Or = out of range
"J" or * = analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)
ORP = Oxidation Reduction Potential
°C = degrees Celsius

Table 1, Remedial Excavation Soil Field Screening and Laboratory Analytical Results, Jerry's Mobil, Clam Lake, Wisconsin

| Sample Number | Sample Depth (feet) | Description | Sample Location | Date Collected | Time Collected | Time Analyzed | PID Response (lui) | Relevant and Significant Analytical Results | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | PVOCs (ug/kg) | | | | | | |
| | | | | | | | | DRO (mg/kg) | GRO (mg/kg) | Benzene | Ethylbenzene | MTBE | Toluene | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Xylenes |
| WAC Chapter NR 720 RCLs | | | | | | | | 100 | 100 | 5.5 | 2900 | NE | 1500 | NE | NE | 4100 |
| NR 746/WDComm 46 Table 2 Values | | | | | | | | NE | NE | 1100 | NE | NE | NE | NE | NE | NE |
| NR 746/WDComm 46 Table 1 Values | | | | | | | | NE | NE | 8500 | 4600 | NE | 38000 | 83000 | 11000 | 42000 |
| S1 | 5.0 | Silty Sand | Under Dispenser Island | 04/30/97 | 0705 | 0750 | 95 | — | — | — | — | — | — | — | — | — |
| S2 | 9.0 | Silty Sand | Under Dispenser Island | 04/30/97 | 0725 | 0752 | 320 | — | — | — | — | — | — | — | — | — |
| S3 | 10.5 | Silty Sand | Under Dispenser Island | 04/30/97 | 0925 | 1035 | 46 | — | — | — | — | — | — | — | — | — |
| S4 | 11.5 | Silty Sand | Under Dispenser Island | 04/30/97 | 0935 | 1036 | 443 | — | — | — | — | — | — | — | — | — |
| S5 | 12.0 | Silty Sand | Under Dispenser Island | 04/30/97 | 1125 | 1441 | 650 | 84 | 180 | 99 | 630 | <25 | 880 | 10000 | 3100 | 5600 |
| S6 | 12.0 | Silty Sand | Under Dispenser Island | 04/30/97 | 1140 | 1443 | 728 | — | — | — | — | — | — | — | — | — |
| S7 | 9.0 | Silty Sand | Under Dispenser Island | 04/30/97 | 1325 | 1445 | 726 | — | — | — | — | — | — | — | — | — |
| S8 | 11.0 | Silty Sand | Under Dispenser Island | 04/30/97 | 1639 | 1806 | 162 | — | — | — | — | — | — | — | — | — |
| S9 | 8.0 | Silty Sand | Under Dispenser Island | 04/30/97 | 1642 | 1807 | 46 | — | — | — | — | — | — | — | — | — |

*Note:*

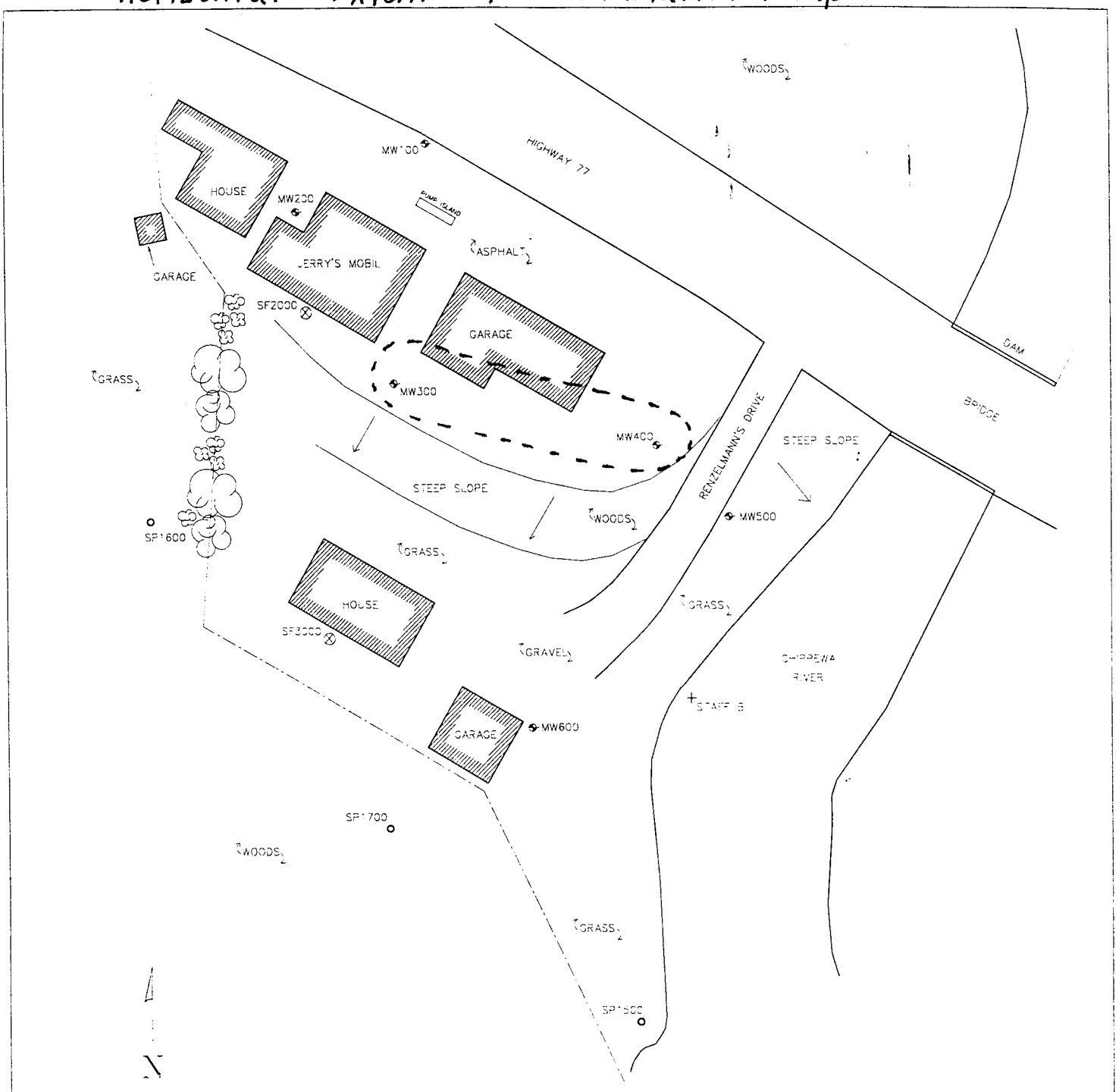
PVOCs = Petroleum Volatile Organic Compounds
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
MTBE = Methyl Tert-Butyl Ether
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram

180 = WAC Chapter NR 720 Residual Contaminant Level (RCL) Exceeded
S5 = sample submitted to confirm that soil being removed was petroleum contaminated
NE = Not Established by Wisconsin Administrative Code (WAC) Chapter NR 720, NR 746/WDComm 46 or PAH Soil Clean-up Level Interim Guidance
PID = Photolonization Detector
<x = Not detected above laboratory detection limit of x

NR = Natural Resources
WDComm = Wisconsin Department of Commerce
lui = Instument units as Isobutylene
— = not analyzed

s:\proj\sbp\04-0415\tables\^

# Horizontal Extent of Contamination Map




--- = estimated area of WDNR exceedences in ground water according to 6-4-02 data

| | | | |
|---|---|---|---|
| DRAWN BY: BJF | PROJECT: JMC43001 3 | DATE: 8/11/95 | FIGURE 4<br>MONITORING WELL AND SANDPOINT LOCATIONS<br>JERRY'S MOBIL<br>CLAM LAKE, WISCONSIN |
| REVISION DATE | THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND | | |
| | ▲ Northern Environmental<br>*Hydrologists · Engineers · Geologists* | | FOR: JERRY RENZELMANN |

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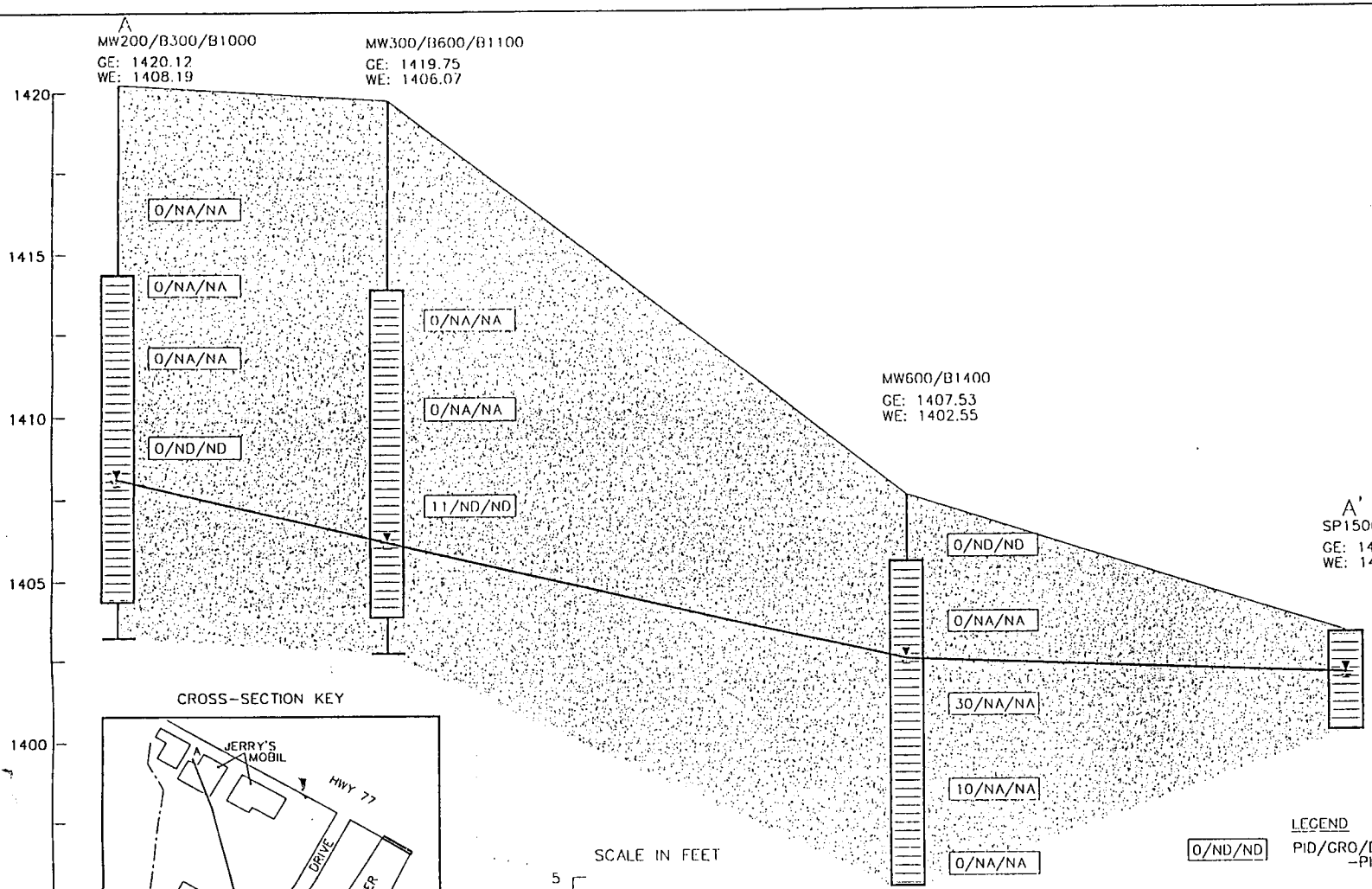


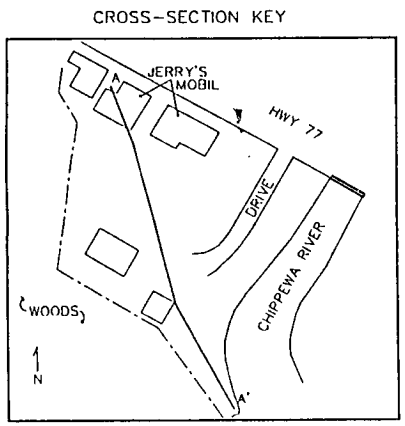


SCALE IN FEET

5

2.5

20 40

SW/SP - WELL TO POORLY GRADED SANDS

WELL SCREEN

LEGEND

0/ND/ND PID/GRO/DRO RESULT
- -PID = PHOTOIONIZATION DETECTOR READING MEASURED IN INSTRUMENT UNITS AS ISOBUTYLENE (iui)
- -GRO = GASOLINE RANGE ORGANICS MEASURED IN MILLIGRAMS PER KILOGRAM (mg/kg)
- -DRO = DIESEL RANGE ORGANICS MEASURED IN mg/kg
- -NA = NOT ANALYZED
- -ND = NOT DETECTED

WATER TABLE ELEVATION

GE GROUND ELEVATION (IN FEET)

WE WATER ELEVATION (IN FEET)

NOTE:
- WATER MEASUREMENTS TAKEN 7/24/95
- ELEVATIONS REFERENCED TO MEAN SEA LEVEL
- COLUMN WIDTHS ARE NOT TO SCALE

| DRAWN BY: BJF | PROJECT: JMO430013 | DATE: 8/11/95 |
|---|---|---|
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| | ▲ Northern Environmental *Hydrologists · Engineers · Geologists* | |

FIGURE 5

GEOLOGIC CROSS-SECTION A-A'

JERRY'S MOBIL

CLAM LAKE, WISCONSIN

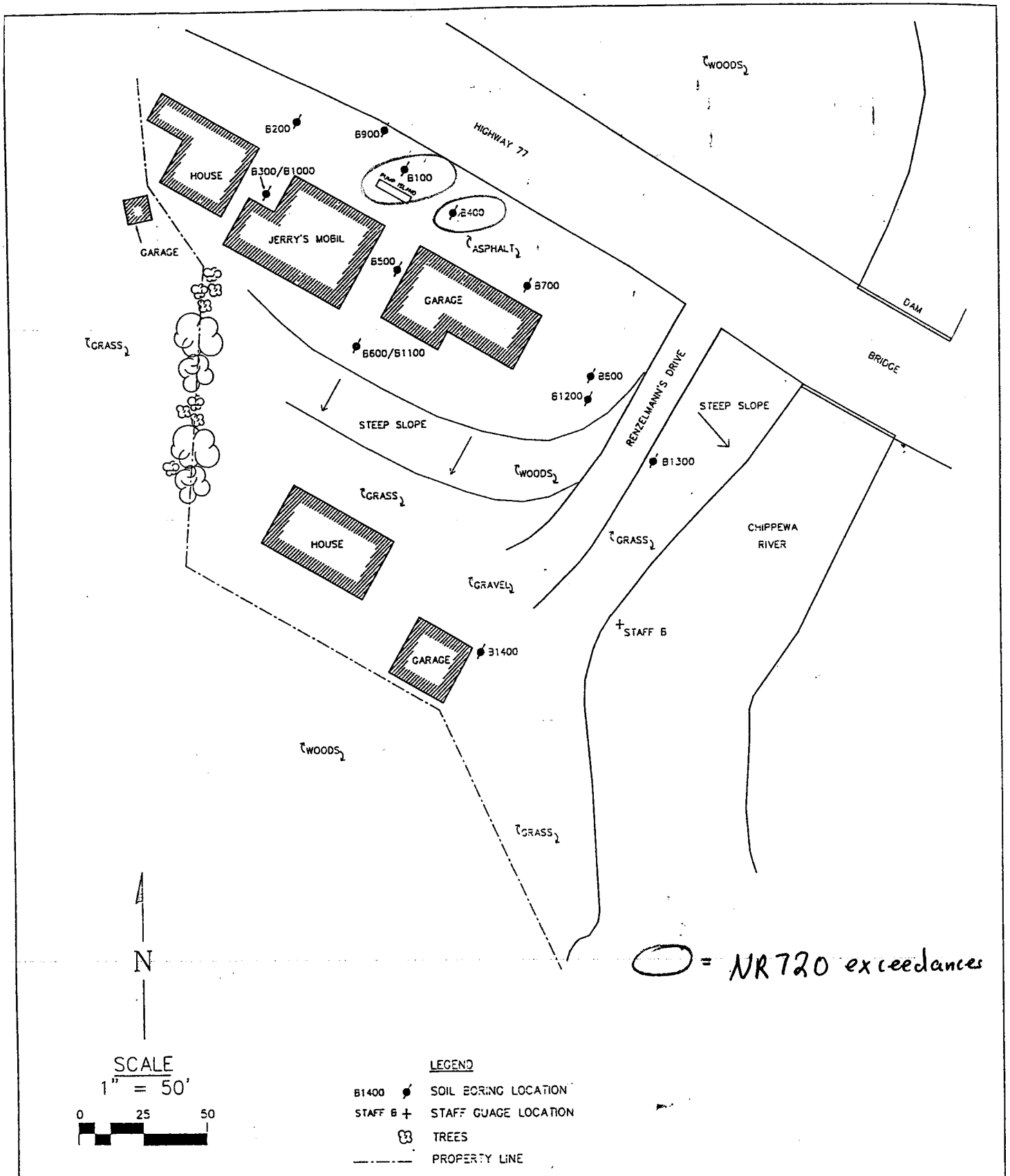
FOR: JERRY REINZELMANN

n:\neti\proj\jmo\430013\x-sec-a

**Jerry's Mobil**
State Highway 77, Clam Lake, Wisconsin
(WDNR# 03-02-000851) (PECFA# 54517-9999-54)

I, JEROME W. RENZELMANN / PATRICIA A. RENZELMANN (please print) hereby certify that the legal descriptions attached to this statement are complete and accurate for all of the properties within or partially within the contaminated site's boundaries that have ground-water contamination that exceeds ch. NR 140 enforcement standards at the time closure is requested.

Signed by Responsible Party: Jerome W. Renzelmann Date: 8-21-02
Patricia A. Renzelmann 8-21-02




SCALE
1" = 50'
0 25 50

LEGEND

| | | |
|---|---|---|
| B1400 | ⌀ | SOIL BORING LOCATION |
| STAFF B | + | STAFF GUAGE LOCATION |
| | | TREES |
| | | PROPERTY LINE |

| | | | |
|---|---|---|---|
| DRAWN BY: BJF | PROJECT: JMO430013 | DATE: 8/11/95 | FIGURE 3<br>SOIL BORING LOCATIONS<br>JERRY'S MOBIL<br>CLAM LAKE, WISCONSIN |
| REVISION DATE: 9/11/95 | THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND | | |
| | ▲ Northern Environmental<br>*Hydrologists · Engineers · Geologists* | | FOR: JERRY RENZELMANN |

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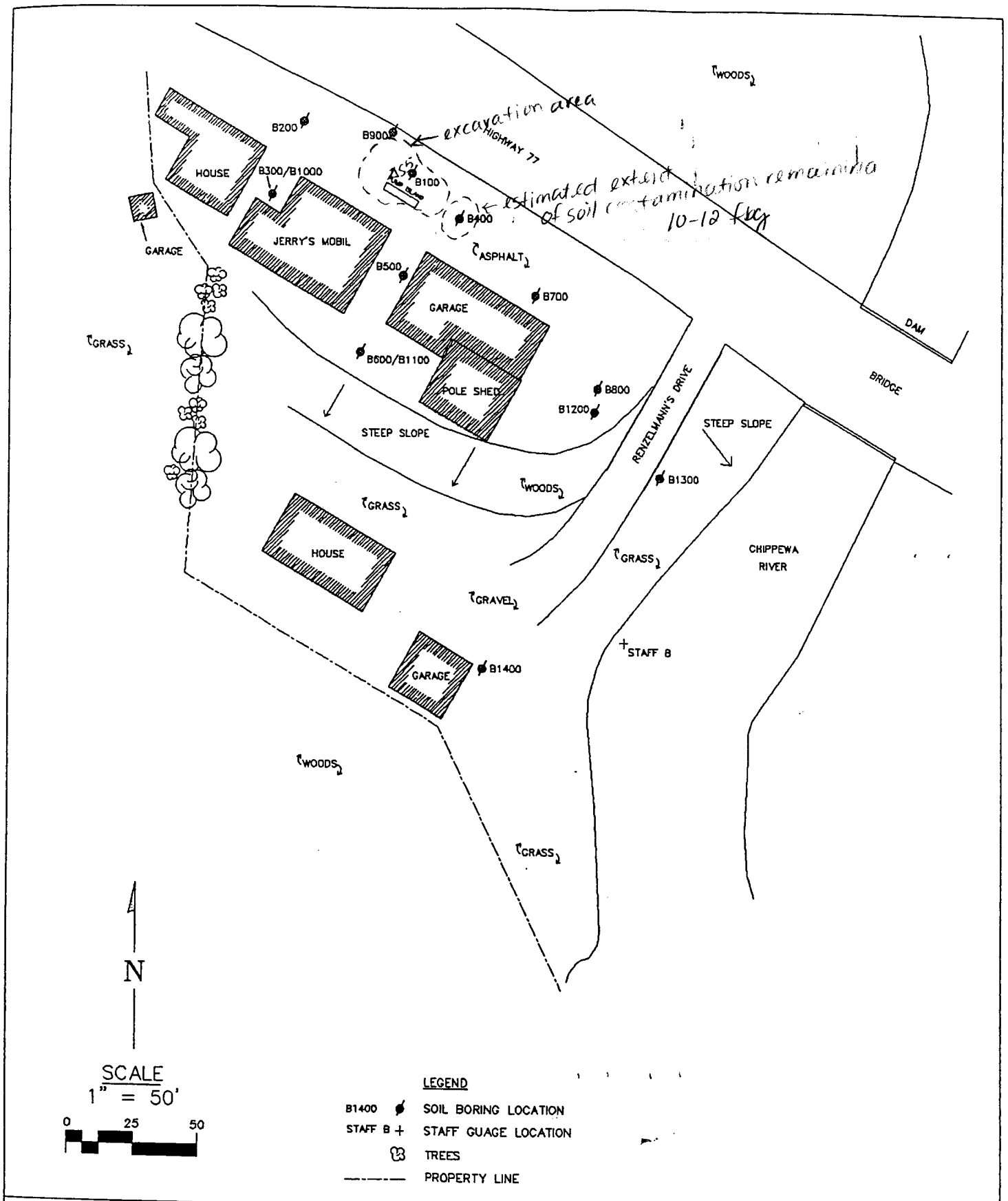


| DRAWN BY: BJF | PROJECT: JM0430051 | DATE: 8/11/95 | FIGURE 2<br>SITE LAYOUT AND SOIL BORING LOCATIONS<br>JERRY'S MOBIL<br>CLAM LAKE, WISCONSIN |
|---|---|---|---|
| REVISION DATE: 3/13/97 | THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND | | |
| | ▲ Northern Environmental<br>*Hydrologists · Engineers · Geologists* | | FOR: JERRY RENZELMANN |

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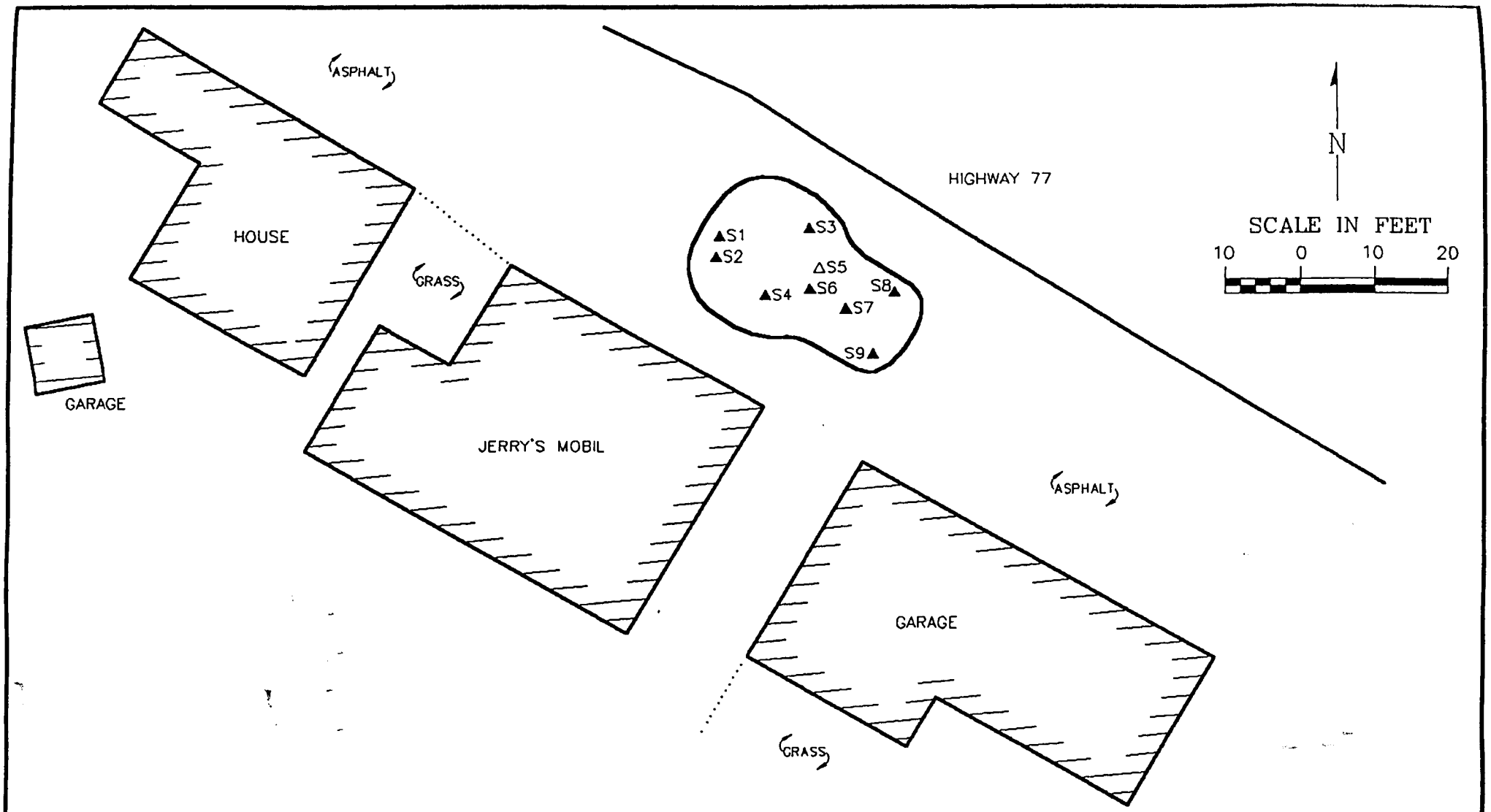



LEGEND

ΔS5 SOIL SAMPLE LOCATION SELECTED FOR FIELD ANALYSIS AND LABORATORY ANALYSIS

▲S1 SOIL SAMPLE LOCATION SELECTED FOR FIELD ANALYSIS

——— ESTIMATED EXTENT OF EXCAVATION

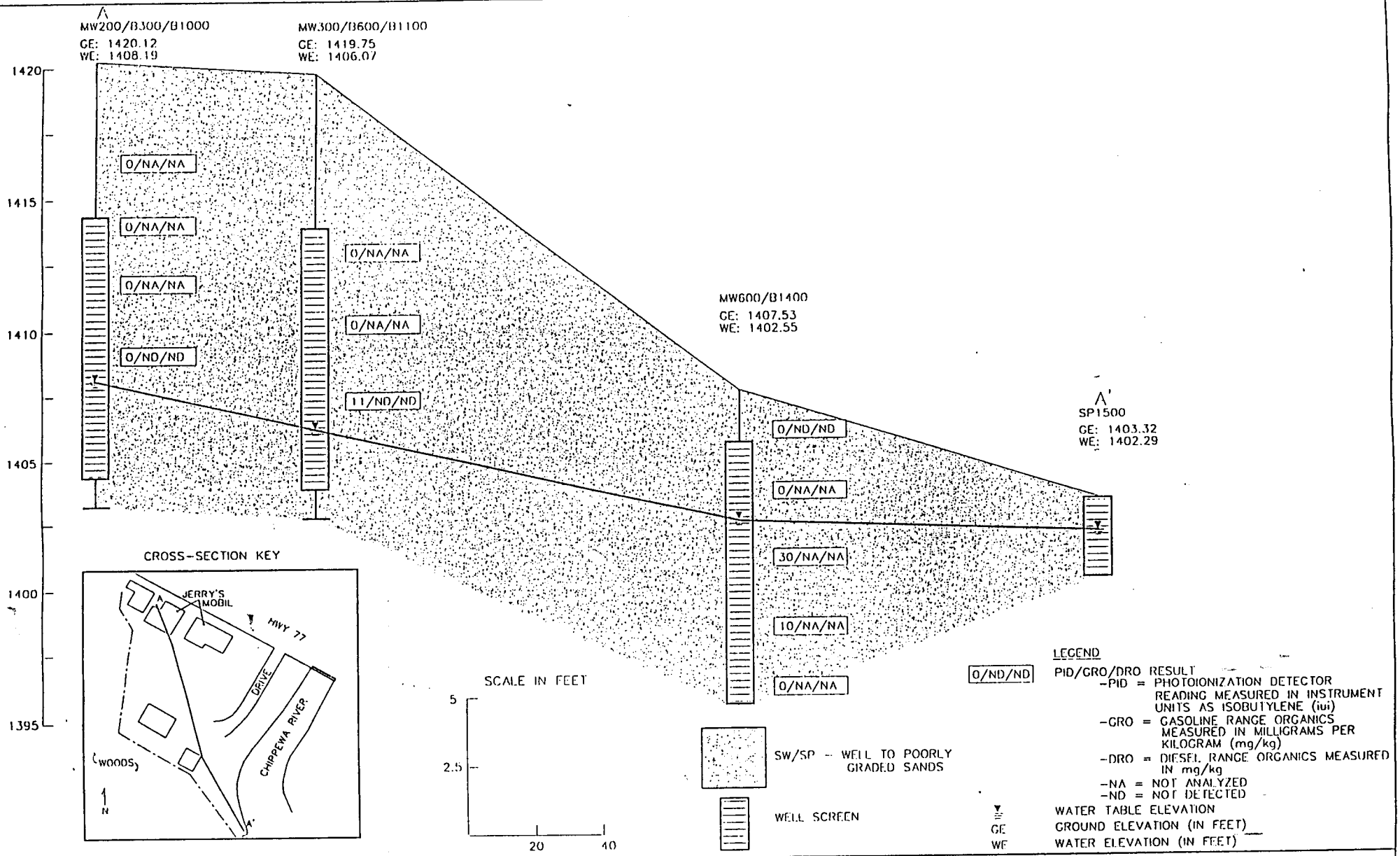
····· SURFACE MATERIAL DIVISION

| DRAWN BY: BJF | PROJECT: JM0430051 | DATE: 5/8/97 |
|---|---|---|
| REV. DATE | THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. | |
| | ▲ Northern Environmental℠ Hydrologists • Engineers • Geologists | |

FIGURE 5
EXTENT OF REMEDIAL EXCAVATION
JERRY'S MOBIL
CLAM LAKE, WISCONSIN

JERRY RENZELMANN

S:\PROJ\JMO\430051\CAD051\REMEXC




| DRAWN BY: BJF | PROJECT: JM0430013 | DATE: 8/11/95 |
|---|---|---|
| REVISION DATE: 9/13/95 | THIS DRAWING AND ALL INFORMATION CONTAINED HEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND | |
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FIGURE 5

GEOLOGIC CROSS-SECTION A--A'

JERRY'S MOBIL

CLAM LAKE, WISCONSIN

FOR: JERRY REN/ELMANN

NOTE:
- WATER MEASUREMENTS TAKEN 7/24/95
- ELEVATIONS REFERENCED TO MEAN SEA LEVEL
- COLUMN WIDTHS ARE NOT TO SCALE

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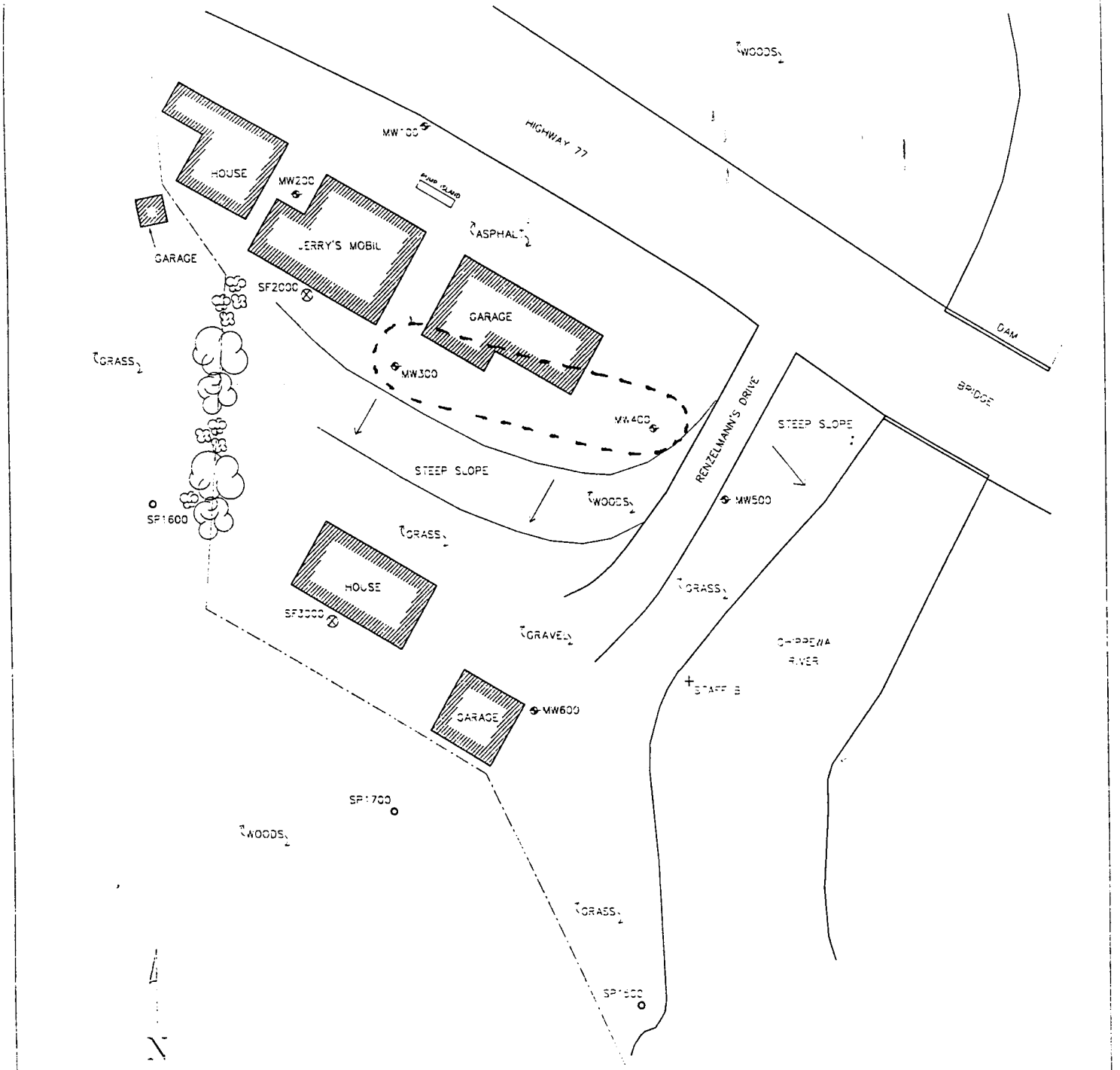
# Horizontal Extent of Contamination Map




--- = estimated area of WDNR exceedences in ground water according to 6-4-02 data

LEGEND

| | | |
|---|---|---|
| SP1700 | o | SANDPOINT LOCATION |
| MW600 | | MONITORING WELL LOCATION |
| SF2000 | | PRIVATE POTABLE WELL LOCATION |
| STAFF B | + | STAFF GUAGE LOCATION |
| | | TREES |
| | | PROPERTY LINE |

SCALE
= 50'
0 25 50

| | | |
|---|---|---|
| DRAWN BY: BJF | PROJECT: JMO430013 | DATE: 8/11/95 |
| REVISION | THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND | FIGURE 4<br>MONITORING WELL AND SANDPOINT LOCATIONS<br>JERRY'S MOBIL<br>CLAM LAKE, WISCONSIN |
| | ▲ Northern Environmental<br>*Hydrologists · Engineers · Geologists* | FOR: JERRY RENZELMANN |

\\data\jmo\430013\mw100

## WATER LEVEL DATA

**Project:** JMO430051

**Location:** Clam Lake, Wisconsin

**Personnel:** PER, BJF

**Well Number:** MW100

**Well Location:**

**Riser Elevation:** 1419.15

**Ground Elevation:** 1419.65

| Date | Time | Measuring Device | Depth (ft. below top of riser) | Water Level | | Comments |
|---|---|---|---|---|---|---|
| | | | | Depth (ft. below grade) | Elevation (ft. sd) | |
| 06/07/95 | 0940 | SWLP | 11.20 | 11.70 | 1407.95 | Odor |
| 06/09/95 | 0900 | SWLP | 10.25 | 10.75 | 1408.90 | No Odor |
| 06/15/95 | 1038 | SWLP | 10.33 | 10.83 | 1408.82 | No odor |
| 07/24/95 | 1409 | SWLP | 10.96 | 11.46 | 1408.19 | No odor |
| 08/22/95 | 1050 | SWLP | 11.20 | 11.70 | 1407.95 | No odor |
| 09/06/95 | 1040 | SWLP | 10.92 | 11.42 | 1408.20 | No odor |
| 04/02/96 | NOT ACCESSIBLE | | | | | --- |
| 06/04/96 | 1404 | SWLP | 9.37 | 9.87 | 1409.78 | --- |
| 09/11/96 | 1109 | SWLP | 10.12 | 10.62 | 1409.03 | --- |
| 12/17/96 | 1300 | SWLP | 10.21 | 10.71 | 1408.94 | --- |
| 03/21/97 | 1152 | SWLP | 11.03 | 11.53 | 1408.12 | --- |
| 06/17/97 | NOT ACCESSIBLE | | | | | --- |
| 09/11/97 | 1110 | SWLP | 11.16 | 11.66 | 1407.99 | --- |
| 12/15/97 | 1010 | SWLP | 11.09 | 11.59 | 1408.06 | --- |
| 03/03/98 | 1021 | SWLP | 10.86 | 11.36 | 1408.29 | --- |
| 06/11/98 | 1012 | SWLP | 10.51 | 11.01 | 1408.64 | --- |
| 09/15/98 | 1355 | SWLP | 11.78 | 12.28 | 1407.37 | --- |
| 12/07/98 | 1048 | SWLP | 11.46 | 11.96 | 1407.69 | --- |
| 03/24/99 | NOT ACCESSIBLE | | | | | Ice In Well |
| 06/10/99 | 1024 | SWLP | 10.28 | 10.78 | 1408.87 | --- |
| 09/20/99 | 1018 | SWLP | 10.96 | 11.46 | 1408.19 | --- |
| 12/03/99 | 1040 | SWLP | 12.06 | 12.56 | 1407.09 | --- |
| 02/29/00 | 1030 | SWLP | 11.63 | 12.13 | 1407.52 | --- |
| 06/13/00 | 1003 | SWLP | 11.54 | 12.04 | 1407.61 | --- |
| 09/06/00 | 1001 | SWLP | 12.00 | 12.50 | 1407.15 | --- |
| 12/06/00 | 1046 | SWLP | 12.70 | 13.20 | 1406.45 | --- |
| 02/28/01 | 1045 | SWLP | 12.95 | 13.45 | 1406.20 | --- |
| 06/04/01 | 1045 | SWLP | 10.23 | 10.73 | 1408.92 | --- |
| 09/06/01 | 0957 | SWLP | 11.26 | 11.76 | 1407.89 | --- |
| 12/11/01 | 1037 | SWLP | 11.22 | 11.72 | 1407.93 | --- |
| 03/05/02 | 1204 | SWLP | 11.86 | 12.36 | 1407.29 | --- |
| 06/04/02 | 1056 | SWLP | 9.60 | 10.10 | 1409.55 | --- |

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

*NOTE: All water level elevations are referenced to mean sea level.*

## WATER LEVEL DATA

**Project: JMO430051**

**Location: Clam Lake, Wisconsin**

**Personnel: PER, BJF**

**Well Number: MW200**

**Well Location:**

**Riser Elevation: 1422.54**

**Ground Elevation: 1420.12**

| Date | Time | Measuring Device | Depth (ft. below top of riser) | Water Level | | Comments |
|---|---|---|---|---|---|---|
| | | | | Depth (ft. below grade) | Elevation (ft. sd) | |
| 06/07/95 | 0945 | SWLP | 13.65 | 11.23 | 1408.89 | Slight Odor |
| 06/09/95 | 0902 | SWLP | 13.69 | 11.27 | 1408.85 | No Odor |
| 06/15/95 | 1042 | SWLP | 13.78 | 11.36 | 1408.76 | No Odor |
| 07/24/95 | 1412 | SWLP | 14.35 | 11.93 | 1408.19 | No Odor |
| 08/22/95 | 1102 | SWLP | 14.60 | 12.18 | 1407.94 | No Odor |
| 09/06/95 | 1042 | SWLP | 14.29 | 11.87 | 1408.25 | Slight odor |
| 04/02/96 | NOT ACCESSIBLE | | | | | --- |
| 06/04/96 | 1325 | SWLP | 12.86 | 10.44 | 1409.68 | --- |
| 09/11/96 | 1044 | SWLP | 13.55 | 11.13 | 1408.99 | --- |
| 12/17/96 | 1335 | SWLP | 13.69 | 11.27 | 1408.85 | --- |
| 03/21/97 | 1121 | SWLP | 14.47 | 12.05 | 1408.07 | --- |
| 06/17/97 | 1156 | SWLP | 14.38 | 11.96 | 1408.16 | --- |
| 09/11/97 | 1104 | SWLP | 14.61 | 12.19 | 1407.93 | --- |
| 12/15/97 | 1020 | SWLP | 14.52 | 12.10 | 1408.02 | --- |
| 03/03/98 | 1030 | SWLP | 14.30 | 11.88 | 1408.24 | --- |
| 06/11/98 | 1022 | SWLP | 13.94 | 11.52 | 1408.60 | --- |
| 09/15/98 | 1412 | SWLP | 15.12 | 12.70 | 1407.42 | --- |
| 12/07/98 | 1027 | SWLP | 15.95 | 13.53 | 1406.59 | --- |
| 03/24/99 | 1010 | SWLP | 14.53 | 12.11 | 1408.01 | --- |
| 06/10/99 | 1023 | SWLP | 13.67 | 11.25 | 1408.87 | --- |
| 09/20/99 | 1016 | SWLP | 14.26 | 11.84 | 1408.28 | --- |
| 12/03/99 | 1046 | SWLP | 15.46 | 13.04 | 1407.08 | --- |
| 02/29/00 | 1035 | SWLP | 15.00 | 12.58 | 1407.54 | --- |
| 06/13/00 | 0958 | SWLP | 14.88 | 12.46 | 1407.66 | --- |
| 09/06/00 | 0959 | SWLP | 15.35 | 12.93 | 1407.19 | --- |
| 12/06/00 | 1042 | SWLP | 16.06 | 13.64 | 1406.48 | --- |
| 02/28/01 | 1041 | SWLP | 16.30 | 13.88 | 1406.24 | --- |
| 06/04/01 | 1049 | SWLP | 13.70 | 11.28 | 1408.84 | --- |
| 09/06/01 | 0956 | SWLP | 14.69 | 12.27 | 1407.85 | --- |
| 12/11/01 | 1042 | SWLP | 14.58 | 12.16 | 1407.96 | --- |
| 03/05/02 | 1152 | SWLP | 15.30 | 12.88 | 1407.24 | --- |
| 06/04/02 | 1057 | SWLP | 13.17 | 10.75 | 1409.37 | --- |

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

*NOTE: All water level elevations are referenced to mean sea level.*

## WATER LEVEL DATA

**Project:** JMO430051

**Location:** Clam Lake, Wisconsin

**Personnel:** PER, BJF

**Well Number:** MW300

**Well Location:**

**Riser Elevation:** 1419.35

**Ground Elevation:** 1419.75

| Date | Time | Measuring Device | Depth (ft. below top of riser) | Water Level | | Comments |
|---|---|---|---|---|---|---|
| | | | | Depth (ft. below grade) | Elevation (ft. sd) | |
| 06/07/95 | 1052 | SWLP | 11.64 | 12.04 | 1407.71 | Slight Odor |
| 06/09/95 | 0930 | SWLP | 11.92 | 12.32 | 1407.43 | Slight Odor |
| 06/15/95 | 1047 | SWLP | 11.98 | 12.38 | 1407.37 | Slight Odor |
| 07/24/95 | 1424 | SWLP | 13.28 | 13.68 | 1406.07 | Slight Odor |
| 08/22/95 | 1058 | SWLP | 12.45 | 12.85 | 1406.90 | Slight Odor |
| 09/06/95 | 1038 | SWLP | 11.96 | 12.36 | 1407.39 | Slight Odor |
| 04/02/96 | NOT ACCESSIBLE | | | | | --- |
| 06/04/96 | 1341 | SWLP | 10.68 | 11.08 | 1408.67 | --- |
| 09/11/96 | 1124 | SWLP | 11.87 | 12.27 | 1407.48 | --- |
| 12/17/96 | 1230 | SWLP | 11.29 | 11.69 | 1408.06 | --- |
| 03/21/97 | 1210 | SWLP | 11.93 | 12.33 | 1407.42 | --- |
| 06/17/97 | 1225 | SWLP | 11.77 | 11.41 | 1408.34 | --- |
| 09/11/97 | 1130 | SWLP | 11.08 | 11.48 | 1408.27 | --- |
| 12/15/97 | 1035 | SWLP | 11.12 | 11.52 | 1408.23 | --- |
| 03/03/98 | 1047 | SWLP | 11.28 | 11.68 | 1408.07 | --- |
| 06/11/98 | 1008 | SWLP | 11.53 | 11.93 | 1407.82 | --- |
| 09/15/98 | 1406 | SWLP | 12.91 | 13.31 | 1406.44 | --- |
| 12/07/98 | 1115 | SWLP | 12.20 | 12.60 | 1407.15 | --- |
| 03/24/99 | 1012 | SWLP | 12.27 | 12.67 | 1407.08 | --- |
| 06/10/99 | 1028 | SWLP | 11.65 | 12.05 | 1407.70 | --- |
| 09/20/99 | 1021 | SWLP | 12.01 | 12.41 | 1407.34 | --- |
| 12/03/99 | 1043 | SWLP | 12.62 | 13.02 | 1406.73 | --- |
| 02/29/00 | 1042 | SWLP | 12.25 | 12.65 | 1407.10 | --- |
| 06/13/00 | 1000 | SWLP | 12.58 | 12.98 | 1406.77 | --- |
| 09/06/00 | 1010 | SWLP | 13.01 | 13.41 | 1406.34 | --- |
| 12/06/00 | 1051 | SWLP | 13.02 | 13.42 | 1406.33 | --- |
| 02/28/01 | 1050 | SWLP | 13.09 | 13.49 | 1406.26 | --- |
| 06/04/01 | 1056 | SWLP | 11.66 | 12.06 | 1407.69 | --- |
| 09/06/01 | 1008 | SWLP | 12.34 | 12.74 | 1407.01 | --- |
| 12/11/01 | 1044 | SWLP | 11.55 | 11.95 | 1407.80 | --- |
| 03/05/02 | 1201 | SWLP | 12.65 | 13.05 | 1406.70 | --- |
| 06/04/02 | 1059 | SWLP | 11.16 | 11.56 | 1408.19 | --- |

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

*NOTE: All water level elevations are referenced to mean sea level.*

## WATER LEVEL DATA

**Project: JMO430051**

**Location: Clam Lake, Wisconsin**

**Personnel: PER, BJF**

**Well Number: MW400**

**Well Location:**

**Riser Elevation: 1418.88**

**Ground Elevation: 1416.54**

| Date | Time | Measuring Device | Depth (ft. below top of riser) | Water Level | | Comments |
|---|---|---|---|---|---|---|
| | | | | Depth (ft. below grade) | Elevation (ft. sd) | |
| 06/07/95 | 1056 | SWLP | 13.90 | 11.56 | 1404.98 | Slight Odor |
| 06/09/95 | 0933 | SWLP | 14.03 | 11.69 | 1404.85 | Strong Odor. |
| 06/15/95 | 1053 | SWLP | 14.10 | 11.76 | 1404.78 | Slight Odor |
| 07/24/95 | 1423 | SWLP | 14.35 | 12.01 | 1404.53 | Strong Odor |
| 08/22/95 | 1115 | SWLP | 14.55 | 12.21 | 1404.33 | Strong Odor |
| 09/06/95 | 1032 | SWLP | 14.22 | 11.88 | 1404.66 | Strong Odor |
| 04/02/96 | 1522 | SWLP | 14.34 | 12.00 | 1404.54 | --- |
| 06/04/96 | 1255 | SWLP | 13.46 | 11.12 | 1405.42 | --- |
| 09/11/96 | 1007 | SWLP | 13.98 | 11.64 | 1404.90 | --- |
| 12/17/96 | 1015 | SWLP | 14.04 | 11.70 | 1404.84 | --- |
| 03/21/97 | 1030 | SWLP | 14.39 | 12.05 | 1404.49 | --- |
| 06/17/97 | 1102 | SWLP | 14.32 | 11.98 | 1404.56 | --- |
| 09/11/97 | 1028 | SWLP | 14.55 | 12.21 | 1404.33 | --- |
| 12/15/97 | 0935 | SWLP | 14.50 | 12.16 | 1404.38 | --- |
| 03/03/98 | 0958 | SWLP | 14.04 | 11.70 | 1404.84 | --- |
| 06/11/98 | 0948 | SWLP | 14.24 | 11.90 | 1404.64 | --- |
| 09/15/98 | 1349 | SWLP | 15.49 | 13.15 | 1403.39 | --- |
| 12/07/98 | 1119 | SWLP | 15.94 | 13.60 | 1402.94 | --- |
| 03/24/99 | 1014 | SWLP | 14.70 | 12.36 | 1404.18 | --- |
| 06/10/99 | 1031 | SWLP | 14.19 | 11.85 | 1404.69 | --- |
| 09/20/99 | 1025 | SWLP | 14.26 | 11.92 | 1404.62 | --- |
| 12/03/99 | 1049 | SWLP | 14.67 | 12.33 | 1404.21 | --- |
| 02/29/00 | 1046 | SWLP | 14.53 | 12.19 | 1404.35 | --- |
| 06/13/00 | 1007 | SWLP | 14.64 | 12.30 | 1404.24 | --- |
| 09/06/00 | 1005 | SWLP | 14.88 | 12.54 | 1404.00 | --- |
| 12/06/00 | 1056 | SWLP | 14.83 | 12.49 | 1404.05 | --- |
| 02/28/01 | 1053 | SWLP | 14.91 | 12.57 | 1403.97 | --- |
| 06/04/01 | 1053 | SWLP | 14.10 | 11.76 | 1404.78 | --- |
| 09/06/01 | 1000 | SWLP | 14.56 | 12.22 | 1404.32 | --- |
| 12/11/01 | 1033 | SWLP | 14.12 | 11.78 | 1404.76 | --- |
| 03/05/02 | 1155 | SWLP | 14.72 | 12.38 | 1404.16 | --- |
| 06/04/02 | 1036 | SWLP | 13.85 | 11.51 | 1405.03 | --- |

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

*NOTE: All water level elevations are referenced to mean sea level.*

## WATER LEVEL DATA

**Project:** JMO430051

**Location:** Clam Lake, Wisconsin

**Personnel:** AJP, BJF

**Well Number:** MW500

**Well Location:**

**Riser Elevation:** 1414.71

**Ground Elevation:** 1412.20

| Date | Time | Measuring Device | Depth (ft. below top of riser) | Water Level | | Comments |
|---|---|---|---|---|---|---|
| | | | | Depth (ft. below grade) | Elevation (ft. sd) | |
| 07/17/95 | 1055 | SWLP | 11.52 | 9.01 | 1403.19 | Petroleum odor |
| 07/24/95 | 1418 | SWLP | 11.54 | 9.03 | 1403.17 | Petroleum odor |
| 08/22/95 | 1111 | SWLP | 11.68 | 9.17 | 1403.03 | Petroleum odor |
| 09/06/95 | 1020 | SWLP | 11.36 | 8.85 | 1403.35 | No odor |
| 04/02/96 | 1515 | SWLP | 11.42 | 8.91 | 1403.29 | --- |
| 06/04/96 | 1225 | SWLP | 10.91 | 8.40 | 1403.80 | --- |
| 09/11/96 | 0927 | SWLP | 11.21 | 8.70 | 1403.50 | --- |
| 12/17/96 | 1040 | SWLP | 11.24 | 8.73 | 1403.47 | --- |
| 03/21/97 | DAMAGED BY PLOW | | | --- | --- | --- |
| 06/17/97 | 1126 | SWLP | 11.46 | 8.95 | 1403.25 | --- |
| 09/11/97 | NOT ACCESSIBLE | | | --- | --- | --- |
| 12/15/97 | NOT ACCESSIBLE | | | --- | --- | --- |
| 03/03/98 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/11/98 | NOT ACCESSIBLE | | | --- | --- | --- |
| 09/15/98 | NOT ACCESSIBLE | | | --- | --- | --- |
| 12/07/98 | NOT ACCESSIBLE | | | --- | --- | --- |
| 03/24/99 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/10/99 | NOT ACCESSIBLE | | | --- | --- | --- |
| 09/20/99 | NOT ACCESSIBLE | | | --- | --- | --- |
| 12/03/99 | NOT ACCESSIBLE | | | --- | --- | --- |
| 02/29/00 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/13/00 | NOT ACCESSIBLE | | | --- | --- | --- |
| 09/06/00 | NOT ACCESSIBLE | | | --- | --- | --- |
| 12/06/00 | NOT ACCESSIBLE | | | --- | --- | --- |
| 02/28/01 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/04/01 | NOT ACCESSIBLE | | | --- | --- | --- |
| 09/06/01 | NOT ACCESSIBLE | | | --- | --- | --- |
| 12/11/01 | NOT ACCESSIBLE | | | --- | --- | --- |
| 03/05/02 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/04/02 | NOT ACCESSIBLE | | | --- | --- | --- |

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

*NOTE: All water level elevations are referenced to mean sea level.*

## WATER LEVEL DATA

**Project:** JMO430051

**Location:** Clam Lake, Wisconsin

**Personnel:** AJP, BJF

**Well Number:** MW600

**Well Location:**

**Riser Elevation:** 1409.43

**Ground Elevation:** 1407.53

| Date | Time | Measuring Device | Depth (ft. below top of riser) | Water Level | | Comments |
|---|---|---|---|---|---|---|
| | | | | Depth (ft. below grade) | Elevation (ft. sd) | |
| 07/17/95 | 1058 | SWLP | 6.95 | 5.05 | 1402.48 | No odor |
| 07/24/95 | 1417 | SWLP | 6.88 | 4.98 | 1402.55 | No odor |
| 08/22/95 | 1106 | SWLP | 7.08 | 5.18 | 1402.35 | No odor |
| 09/06/95 | 1031 | SWLP | 6.74 | 4.84 | 1402.69 | No odor |
| 04/02/96 | 1518 | SWLP | 6.77 | 4.87 | 1402.66 | --- |
| 06/04/96 | 0950 | SWLP | 6.25 | 4.35 | 1403.18 | --- |
| 09/11/96 | 0845 | SWLP | 6.67 | 4.77 | 1402.76 | --- |
| 12/17/96 | 0945 | SWLP | 6.69 | 4.79 | 1402.74 | --- |
| 03/21/97 | 1023 | SWLP | 6.91 | 5.01 | 1402.52 | --- |
| 06/17/97 | 0912 | SWLP | 7.15 | 5.25 | 1402.28 | --- |
| 09/11/97 | 0955 | SWLP | 7.24 | 5.34 | 1402.19 | --- |
| 12/15/97 | 0850 | SWLP | 7.04 | 5.14 | 1402.39 | --- |
| 03/03/98 | 0910 | SWLP | 6.41 | 4.51 | 1403.02 | --- |
| 06/11/98 | 0905 | SWLP | 6.98 | 5.08 | 1402.45 | --- |
| 09/15/98 | 1300 | SWLP | 7.66 | 5.76 | 1401.77 | --- |
| 12/07/98 | 0940 | SWLP | 13.72 | 11.82 | 1395.71 | --- |
| 03/24/99 | 0915 | SWLP | 7.03 | 5.13 | 1402.40 | --- |
| 06/10/99 | 0945 | SWLP | 6.83 | 4.93 | 1402.60 | --- |
| 09/20/99 | 1004 | SWLP | 6.78 | 4.88 | 1402.65 | --- |
| 12/03/99 | 0954 | SWLP | 7.10 | 5.20 | 1402.33 | --- |
| 02/29/00 | 0946 | SWLP | 6.66 | 4.76 | 1402.77 | --- |
| 06/13/00 | 0925 | SWLP | 7.24 | 5.34 | 1402.19 | --- |
| 09/06/00 | 0932 | SWLP | 7.42 | 5.52 | 1402.01 | --- |
| 12/06/00 | 0954 | SWLP | 7.24 | 5.34 | 1402.19 | --- |
| 02/28/01 | 0912 | SWLP | 7.27 | 5.37 | 1402.16 | --- |
| 06/04/01 | 951 | SWLP | 6.89 | 4.99 | 1402.54 | --- |
| 09/06/01 | 0911 | SWLP | 7.12 | 5.22 | 1402.31 | --- |
| 12/11/01 | 0945 | SWLP | 6.60 | 4.70 | 1402.83 | --- |
| 03/05/02 | 1114 | SWLP | 7.28 | 5.38 | 1402.15 | --- |
| 06/04/02 | 946 | SWLP | 6.87 | 4.97 | 1402.56 | --- |

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

*NOTE: All water level elevations are referenced to mean sea level.*

## WATER LEVEL DATA

**Project: JMO430051**

**Location: Clam Lake, Wisconsin**

**Personnel: AJP, BJF**

**Well Number: SP1500**

**Well Location:**

**Riser Elevation: 1405.61**

**Ground Elevation: 1403.32**

| Date | Time | Measuring Device | Depth (ft. below top of riser) | Water Level | | Comments |
|---|---|---|---|---|---|---|
| | | | | Depth (ft. below grade) | Elevation (ft. sd) | |
| 07/24/95 | 1420 | SWLP | 3.38 | 1.03 | 1402.29 | No odor |
| 08/22/95 | 1108 | SWLP | 3.57 | 1.28 | 1402.04 | No odor |
| 09/06/95 | 1024 | SWLP | 3.22 | 0.93 | 1402.39 | No odor |
| 04/02/96 | NOT ACCESSIBLE | | | | | --- |
| 06/04/96 | 1040 | SWLP | 3.11 | 0.82 | 1402.50 | --- |
| 09/11/96 | 0850 | SWLP | 3.22 | 0.93 | 1402.39 | --- |
| 12/17/96 | 0840 | SWLP | 3.21 | 0.94 | 1402.38 | --- |
| 03/21/97 | 0925 | SWLP | 3.42 | 1.13 | 1402.19 | --- |
| 06/17/97 | 0935 | SWLP | 3.69 | 1.40 | 1401.92 | --- |
| 09/11/97 | 0930 | SWLP | 3.74 | 1.45 | 1401.87 | --- |
| 12/15/97 | 0920 | SWLP | 3.52 | 1.23 | 1402.09 | --- |
| 03/03/98 | 0915 | SWLP | 3.24 | 0.95 | 1402.37 | --- |
| 06/11/98 | 0908 | SWLP | 3.58 | 1.29 | 1402.03 | --- |
| 09/15/98 | 1309 | SWLP | 4.02 | 1.73 | 1401.59 | --- |
| 12/07/98 | --- | --- | --- | --- | --- | Broken water level probe |
| 03/24/99 | 0920 | SWLP | 3.68 | 1.39 | 1401.93 | --- |
| 06/10/99 | 0950 | SWLP | 3.40 | 1.11 | 1402.21 | --- |
| 09/20/99 | 0959 | SWLP | 3.40 | 1.11 | 1402.21 | --- |
| 12/03/99 | 1008 | SWLP | 3.55 | 1.26 | 1402.06 | --- |
| 02/29/00 | 0957 | SWLP | 3.49 | 1.20 | 1402.12 | --- |
| 06/13/00 | 0931 | SWLP | 3.74 | 1.45 | 1401.87 | --- |
| 09/06/00 | 0938 | SWLP | 3.89 | 1.60 | 1401.72 | --- |
| 12/06/00 | 1001 | SWLP | 3.65 | 1.36 | 1401.96 | --- |
| 02/28/01 | 0929 | SWLP | 3.68 | 1.39 | 1401.93 | --- |
| 06/04/01 | 1010 | SWLP | 3.57 | 1.28 | 1402.04 | --- |
| 09/06/01 | 0922 | SWLP | 3.65 | 1.36 | 1401.96 | --- |
| 12/11/01 | 0955 | SWLP | 3.30 | 1.01 | 1402.31 | --- |
| 03/05/02 | 1121 | SWLP | 3.70 | 1.41 | 1401.91 | --- |
| 06/04/02 | 0930 | SWLP | 3.55 | 1.26 | 1402.06 | --- |

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

*NOTE: All water level elevations are referenced to mean sea level.*

WATER LEVEL DATA

Project: JMO430051

Location: Clam Lake, Wisconsin

Personnel: AJP, BJF

Well Number: SP1600

Well Location:

Riser Elevation: 1410.19

Ground Elevation: 1408.02

| Date | Time | Measuring Device | Depth (ft. below top of riser) | Water Level | | Comments |
|---|---|---|---|---|---|---|
| | | | | Depth (ft. below grade) | Elevation (ft. sd) | |
| 07/24/95 | 1415 | SWLP | 4.88 | 2.71 | 1405.31 | No odor |
| 08/22/95 | 1104 | SWLP | 5.01 | 2.84 | 1405.18 | No odor |
| 09/06/95 | 1016 | SWLP | 4.19 | 2.02 | 1406.00 | No odor |
| 04/02/96 | NOT ACCESSIBLE | | | | | --- |
| 06/04/96 | 1121 | SWLP | 3.34 | 1.17 | 1406.85 | --- |
| 09/11/96 | 0900 | SWLP | 3.47 | 1.30 | 1406.72 | --- |
| 12/17/96 | 0920 | SWLP | 3.69 | 1.52 | 1406.50 | --- |
| 03/21/97 | 1010 | SWLP | 4.08 | 1.91 | 1406.11 | --- |
| 06/17/97 | 1034 | SWLP | 4.35 | 2.18 | 1405.84 | --- |
| 09/11/97 | 1040 | SWLP | 4.72 | 2.55 | 1405.47 | --- |
| 12/15/97 | 0910 | SWLP | 4.58 | 2.41 | 1405.61 | --- |
| 03/03/98 | 0944 | SWLP | 3.31 | 1.14 | 1406.88 | --- |
| 06/11/98 | 0936 | SWLP | 4.02 | 1.85 | 1406.17 | --- |
| 09/15/98 | 1327 | SWLP | 5.96 | 3.79 | 1404.23 | --- |
| 12/07/98 | 1005 | SWLP | 4.69 | 2.52 | 1405.50 | --- |
| 03/24/99 | 0924 | SWLP | 3.99 | 1.82 | 1406.20 | --- |
| 06/10/99 | 1006 | SWLP | 3.85 | 1.68 | 1406.34 | --- |
| 09/20/99 | 1010 | SWLP | 3.84 | 1.67 | 1406.35 | --- |
| 12/03/99 | 1020 | SWLP | 4.64 | 2.47 | 1405.55 | --- |
| 02/29/00 | 1011 | SWLP | 3.23 | 1.06 | 1406.96 | --- |
| 06/13/00 | 0941 | SWLP | 4.75 | 2.58 | 1405.44 | --- |
| 09/06/00 | 0947 | SWLP | 5.17 | 3.00 | 1405.02 | --- |
| 12/06/00 | 1023 | SWLP | 5.02 | 2.85 | 1405.17 | --- |
| 02/28/01 | 0936 | SWLP | 5.15 | 2.98 | 1405.04 | --- |
| 06/04/01 | 1030 | SWLP | 3.17 | 1.00 | 1407.02 | --- |
| 09/06/01 | 0932 | SWLP | 4.96 | 2.79 | 1405.23 | --- |
| 12/11/01 | 1012 | SWLP | 3.54 | 1.37 | 1406.65 | --- |
| 03/05/02 | 1139 | SWLP | 4.96 | 2.79 | 1405.23 | --- |
| 06/04/02 | 1011 | SWLP | 3.85 | 1.68 | 1406.34 | --- |

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

*NOTE: All water level elevations are referenced to mean sea level.*

## WATER LEVEL DATA

**Project: JMO430051**

**Location: Clam Lake, Wisconsin**

**Personnel: AJP**

**Well Number: SP1700**

**Well Location:**

**Riser Elevation: 1406.08**

**Ground Elevation: 1404.94**

| Date | Time | Measuring Device | Depth (ft. below top of riser) | Water Level | | Comments |
|---|---|---|---|---|---|---|
| | | | | Depth (ft. below grade) | Elevation (ft. sd) | |
| 09/06/95 | 1029 | SWLP | 3.30 | 2.16 | 1402.78 | No odor |
| 04/02/96 | NOT ACCESSIBLE | | | | | — |
| 06/04/96 | 1100 | SWLP | 2.47 | 1.33 | 1403.61 | — |
| 09/11/96 | 0852 | SWLP | 2.93 | 1.79 | 1403.15 | — |
| 12/17/96 | 0815 | SWLP | 2.95 | 1.81 | 1403.13 | — |
| 03/21/97 | 0947 | SWLP | 3.29 | 2.15 | 1402.79 | — |
| 06/17/97 | 1007 | SWLP | 3.51 | 2.37 | 1402.57 | — |
| 09/11/97 | 0945 | SWLP | 3.75 | 2.61 | 1402.33 | — |
| 12/15/97 | 0830 | SWLP | 3.38 | 2.24 | 1402.70 | — |
| 03/03/98 | 0932 | SWLP | 2.71 | 1.57 | 1403.37 | — |
| 06/11/98 | 0930 | SWLP | 3.28 | 2.14 | 1402.80 | — |
| 09/15/98 | 1319 | SWLP | 4.20 | 3.06 | 1401.88 | — |
| 12/07/98 | 0955 | SWLP | 2.82 | 1.68 | 1403.26 | — |
| 03/24/99 | 0922 | SWLP | 3.25 | 2.11 | 1402.83 | — |
| 06/10/99 | 1000 | SWLP | 3.13 | 1.99 | 1402.95 | — |
| 09/20/99 | 1008 | SWLP | 3.05 | 1.91 | 1403.03 | — |
| 12/03/99 | 1013 | SWLP | 3.45 | 2.31 | 1402.63 | — |
| 02/29/00 | 1007 | SWLP | 2.93 | 1.79 | 1403.15 | — |
| 06/13/00 | 0937 | SWLP | 3.64 | 2.50 | 1402.44 | — |
| 09/06/00 | 0945 | SWLP | 3.98 | 2.84 | 1402.10 | — |
| 12/06/00 | 1009 | SWLP | 3.67 | 2.53 | 1402.41 | — |
| 02/28/01 | 0933 | SWLP | 3.72 | 2.58 | 1402.36 | — |
| 06/04/01 | 1022 | SWLP | 3.17 | 2.03 | 1404.05 | — |
| 09/06/01 | 0944 | SWLP | 3.69 | 2.55 | 1402.39 | — |
| 12/11/01 | 1005 | SWLP | 2.93 | 1.79 | 1403.15 | — |
| 03/05/02 | 1133 | SWLP | 3.68 | 2.54 | 1402.40 | — |
| 06/04/02 | 1004 | SWLP | 3.21 | 2.07 | 1402.87 | — |

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

*NOTE: All water level elevations are referenced to mean sea level.*

## WATER LEVEL DATA

**Project:** JMO430051

**Location:** Clam Lake, Wisconsin

**Personnel:** AJP, BJF

**Well Number:** STAFF A

**Well Location:**

**Staff Elevation:** 1412.05

| Date | Time | Measuring Device | Depth (ft. below top of riser) | Water Level Elevation (ft. sd) | Comments: | |
|---|---|---|---|---|---|---|
| 06/09/95 | 0850 | SWLP | 2.21 | 1409.84 | --- | --- |
| 06/15/95 | 1100 | SWLP | 2.27 | 1409.78 | --- | --- |
| 07/13/95 | 1012 | SWLP | 2.67 | 1409.38 | --- | --- |
| 07/24/95 | 1356 | SWLP | 2.65 | 1409.40 | --- | --- |
| 08/22/95 | 1120 | SWLP | 2.82 | 1409.23 | --- | --- |
| 09/06/95 | 0945 | SWLP | 2.46 | 1409.59 | --- | --- |
| 04/02/96 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/03/96 | 1435 | SWLP | 1.93 | 1410.12 | --- | --- |
| 03/21/97 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/17/97 | NOT ACCESSIBLE | | | --- | --- | --- |
| 09/11/97 | 1151 | SWLP | 2.63 | 1409.42 | --- | --- |
| 12/15/97 | NOT ACCESSIBLE | | | --- | --- | --- |
| 03/03/98 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/11/98 | NOT ACCESSIBLE | | | --- | --- | --- |
| 09/15/98 | NOT ACCESSIBLE | | | --- | --- | --- |
| 12/07/98 | NOT ACCESSIBLE | | | --- | --- | --- |
| 03/24/99 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/10/99 | 1038 | SWLP | 2.13 | 1409.92 | --- | --- |
| 09/20/99 | 1030 | SWLP | 2.37 | 1409.68 | --- | --- |
| 12/03/99 | NOT ACCESSIBLE | | | --- | --- | --- |
| 02/29/00 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/13/00 | 0953 | SWLP | 2.66 | 1409.39 | --- | --- |
| 09/06/00 | --- | --- | --- | --- | --- | Low water in river |
| 12/06/00 | NOT ACCESSIBLE | | | --- | --- | --- |
| 02/28/01 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/05/01 | 905 | SWLP | 2.73 | 1409.32 | --- | --- |
| 09/06/01 | --- | --- | --- | --- | --- | Low water in river |
| 12/11/01 | 1031 | SWLP | 2.50 | 1409.55 | --- | --- |
| 03/05/02 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/04/02 | 1035 | SWLP | 2.73 | 1409.32 | --- | --- |

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

*NOTE: All water level elevations are referenced to mean sea level.*

WATER LEVEL DATA

Project: JMO430051

Location: Clam Lake, Wisconsin

Personnel: AJP, BJF

Well Number: STAFF B

Well Location:

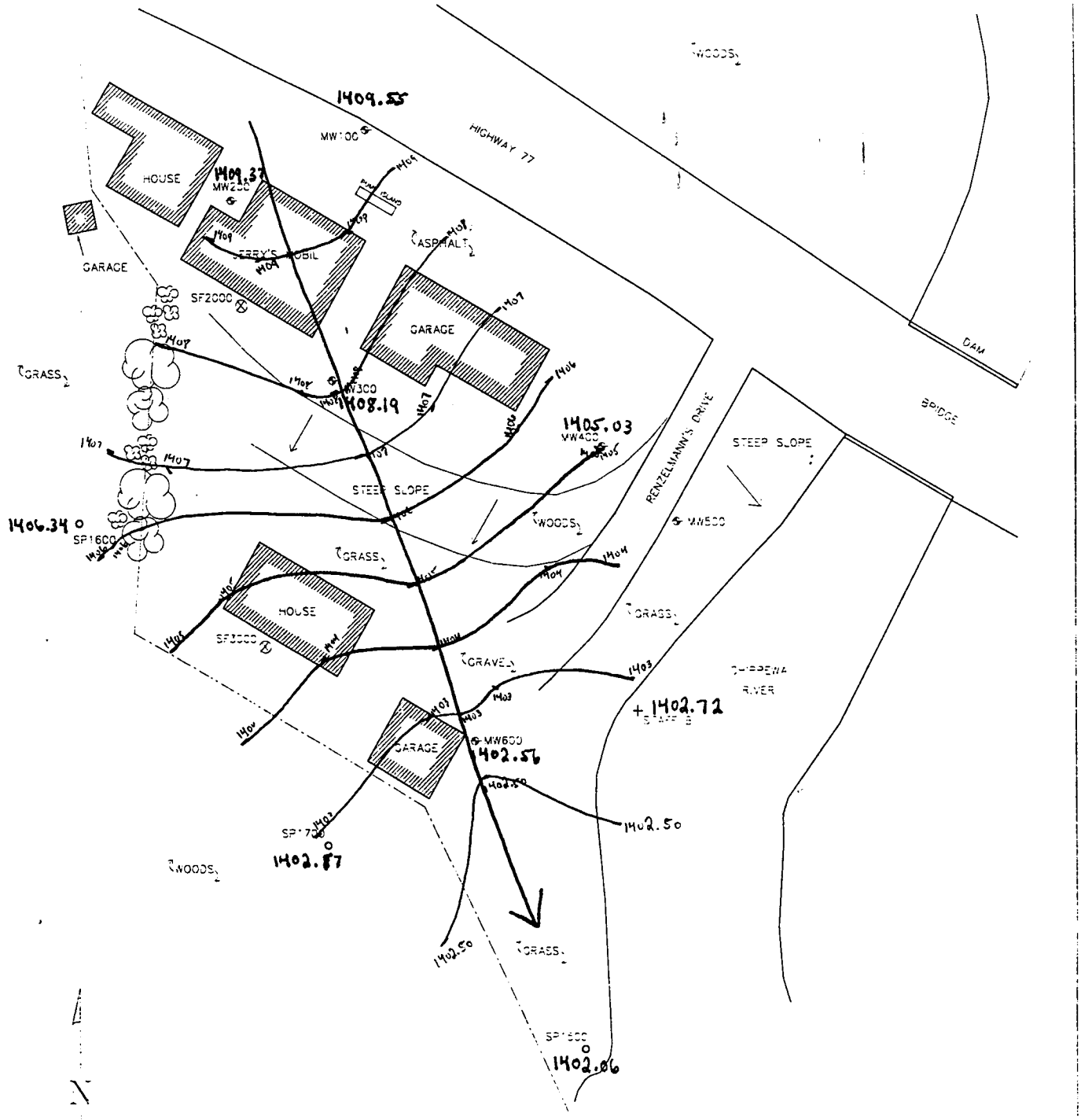
Staff Elevation: 1405.04

| Date | Time | Measuring Device | Depth (ft. below top of riser) | Water Level Elevation (ft. sd) | Comments: | |
|---|---|---|---|---|---|---|
| 06/09/95 | 0855 | SWLP | 2.85 | 1402.19 | --- | --- |
| 06/15/95 | 1056 | SWLP | 2.88 | 1402.16 | --- | --- |
| 07/13/95 | 1010 | SWLP | 2.89 | 1402.15 | --- | --- |
| 07/24/95 | 1422 | SWLP | 2.88 | 1402.16 | --- | --- |
| 08/22/95 | 1110 | SWLP | 3.50 | 1401.54 | --- | --- |
| 09/06/95 | 1022 | SWLP | 3.73 | 1401.31 | --- | --- |
| 04/02/96 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/03/96 | 1436 | SWLP | 1.93 | 1403.11 | --- | --- |
| 03/21/97 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/17/97 | NOT ACCESSIBLE | | | --- | --- | --- |
| 09/11/97 | 1145 | SWLP | 2.42 | 1402.62 | --- | --- |
| 12/15/97 | NOT ACCESSIBLE | | | --- | --- | --- |
| 03/03/98 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/11/98 | NOT ACCESSIBLE | | | --- | --- | --- |
| 09/15/98 | NOT ACCESSIBLE | | | --- | --- | --- |
| 12/07/98 | NOT ACCESSIBLE | | | --- | --- | --- |
| 03/24/99 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/10/99 | 1036 | SWLP | 2.15 | 1402.89 | --- | --- |
| 09/20/99 | 0957 | SWLP | 2.14 | 1402.90 | --- | --- |
| 12/03/99 | 1032 | SWLP | 2.34 | 1402.70 | --- | --- |
| 02/29/00 | 1004 | SWLP | 2.30 | 1402.74 | --- | --- |
| 06/13/00 | 0951 | SWLP | 2.52 | 1402.52 | --- | --- |
| 09/06/00 | --- | --- | --- | --- | --- | Low water in river |
| 12/06/00 | NOT ACCESSIBLE | | | --- | --- | --- |
| 02/28/01 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/05/01 | 0910 | SWLP | 2.31 | 1402.73 | --- | --- |
| 09/06/01 | 0929 | SWLP | 2.41 | 1402.63 | --- | --- |
| 12/11/01 | 0947 | SWLP | 2.05 | 1402.99 | --- | --- |
| 03/05/02 | NOT ACCESSIBLE | | | --- | --- | --- |
| 06/04/02 | 0947 | SWLP | 2.32 | 1402.72 | --- | --- |

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

*NOTE: All water level elevations are referenced to mean sea level.*

# Ground - Water Flow Map




Water Level Data From 6-4-02

| | | |
|---|---|---|
| DRAWN BY: BJF | PROJECT: JM0430013 | DATE: 5/11/95 |
| REVISION | THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND | FIGURE 4<br>MONITORING WELL AND SANDPOINT LOCATIONS<br>JERRY'S MOBIL<br>CLAM LAKE, WISCONSIN |
| | ▲ Northern Environmental<br>*Hydrologists · Engineers · Geologists* | FOR: JERRY RENZELMANN |

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**Jerry's Mobil**
State Highway 77, Clam Lake, Wisconsin
(WDNR# 03-02-000851) (PECFA# 54517-9999-54)

I, JEROME W. RENZELMANN / PATRICIA A. RENZELMANN (please print) hereby certify that the legal descriptions attached to this statement are complete and accurate for all of the properties within or partially within the contaminated site's boundaries that have ground-water contamination that exceeds ch. NR 140 enforcement standards at the time closure is requested.

Signed by Responsible Party: Jerome W. Renzelmann Date: 8-21-02
Patricia A. Renzelmann 8-21-02