



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
Ronald W. Kazmierczak, Regional Director

Oshkosh Service Center  
625 E. County Rd Y, Suite 700  
Oshkosh, Wisconsin 54901-9731  
Telephone 920-424-3050  
FAX 920-424-4404

November 20, 2000

Mr. Timothy Schmidt  
U.S. Oil Company, Inc.  
425 South Washington St.  
Combined Locks, WI 54113

SUBJECT: Conditional Closure for U.S. Oil Menasha Express  
WDNR BRRTS #03-71-000310

Dear Mr. Schmidt:

On September 25, 1989, the Wisconsin Department of Natural Resources provided a notice to you that the degree and extent of the petroleum contamination at the above named site was required to be investigated and remediated. We have since been informed that the required investigation and remediation has been accomplished.

On March 22, 2000, the above named site was reviewed by the Remediation and Redevelopment's Northeast Region Closure Committee for a determination as to whether or not the case qualified for closeout under ch. NR 726, Wis. Adm. Code.

The Department has received a copy of the completed groundwater use restriction for the above referenced site and proof of filing this record with the Winnebago County Register of Deeds. Based on the investigative and remedial documentation provided to the Department, it appears that the petroleum contamination at the above named site has been remediated to the extent practicable under current site conditions. Therefore, conditional closure of this site has been granted and no further action is necessary at this time. In the future, this groundwater use restriction may be amended with approval from the Department if conditions change at the site and the residual contamination has been remediated.

This site will now be listed as closed on the Department database.

If you have any additional relevant information concerning this matter which was not formerly provided to the Department, you should submit this information to the Department for reevaluation.

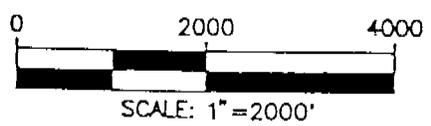
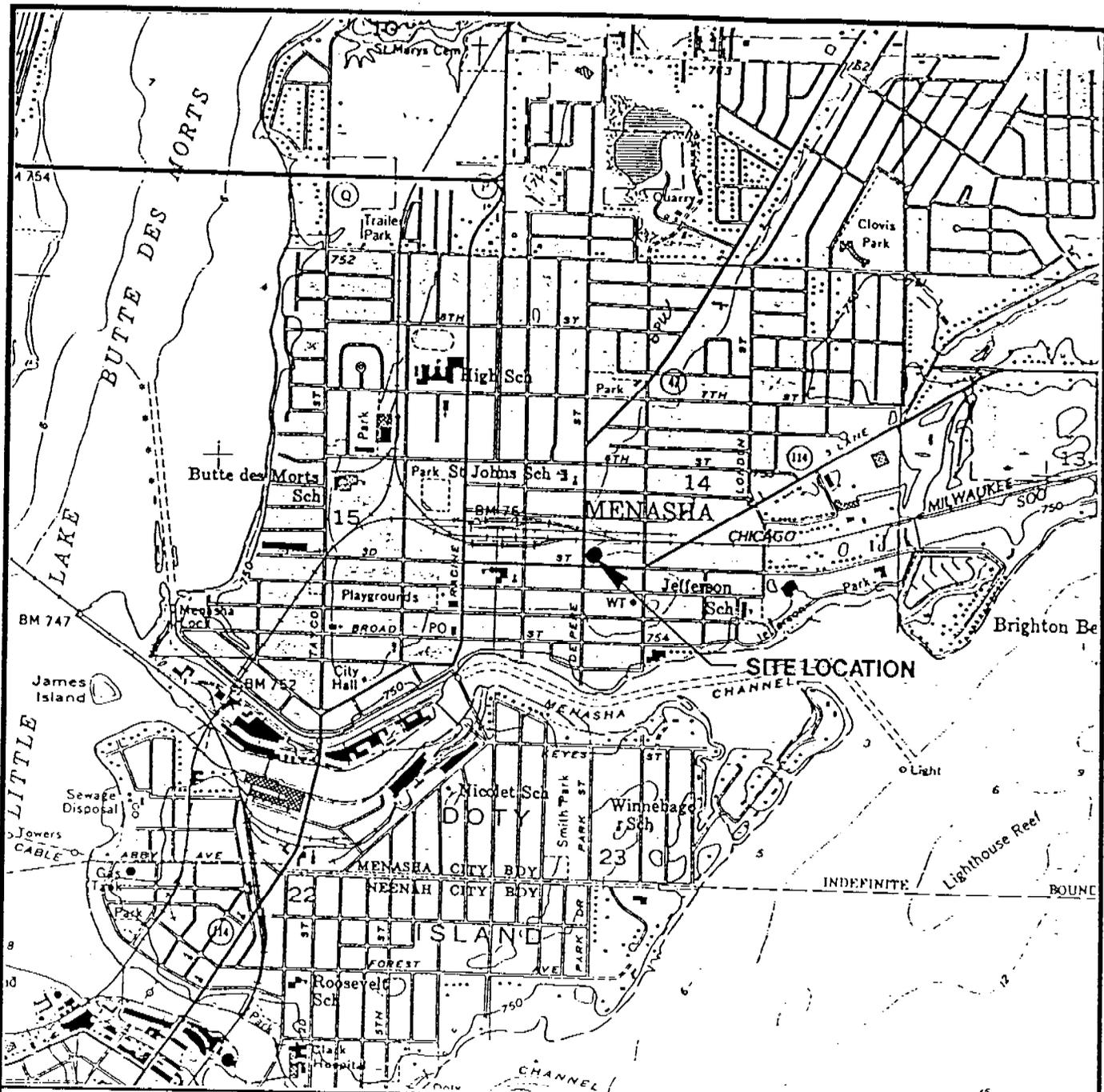
If you have any questions or concerns, please contact me at (920) 424-7890.

Sincerely,

Kevin D. McKnight  
Hydrogeologist  
Bureau for Remediation and Redevelopment

cc: file

Craig Bartholomew, RMT, PO Box 8923, Madison WI 53708-8923



**SITE LOCATION MAP  
U.S. OIL-MENASHA  
MENASHA, WISCONSIN**

SOURCE: BASE MAP FROM NEENAH, WISCONSIN  
7.5 MINUTE USGS QUADRANGLE.

<b>RMT</b> INC.	DWN. BY: TBM
	APPROVED BY:
	DATE: OCTOBER 1993
	PROJ. / 2521.02
	FILE / 25210205

\$\$\$DWG\$\$\$  
\$\$\$PRF\$\$\$  
\$\$\$SCALE\$\$\$



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

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140, Wis. Adm. Code groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809, Wis. Adm. Code is restricted by chs. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

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

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

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

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

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall

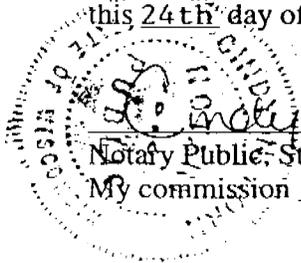
determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

By signing this document, Marjorie M. Young asserts that ~~he~~/she is duly authorized to sign this document on behalf of U.S. Oil ~~Company~~, Inc..

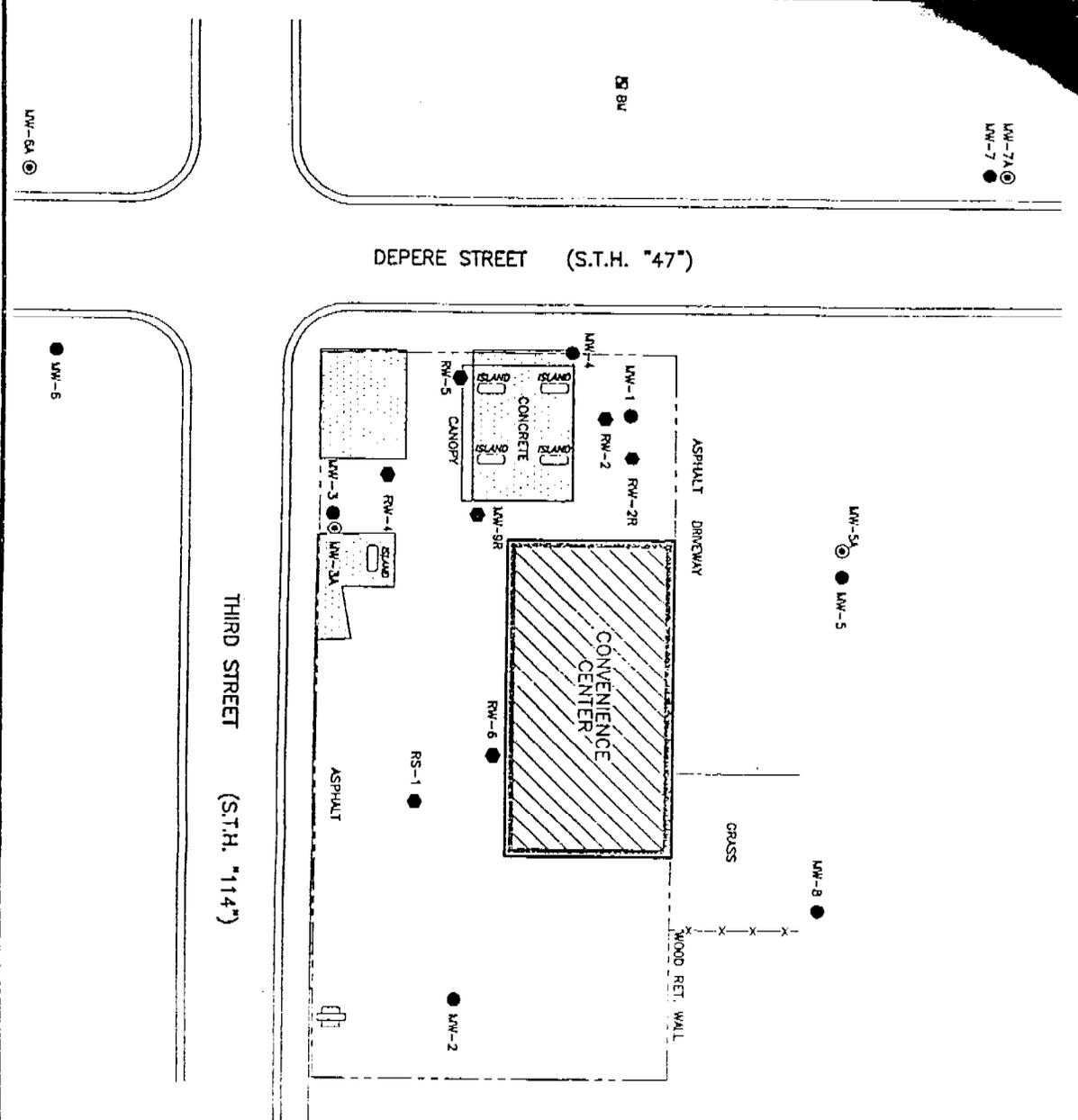
IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 24th day of August, 2000.

Signature: *Marjorie M. Young*  
Printed Name: Marjorie M. Young  
Title: General Counsel

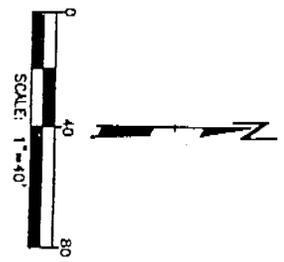
Subscribed and sworn to before me  
this 24th day of August, 2000.

 *Andrew N. Kaw*  
Notary Public, State of Wisconsin  
My commission 8/11/02

This document was drafted by the Wisconsin Department of Natural Resources based on information provided by U.S Oil Co., Inc.



- LEGEND**
- APPROXIMATE PROPERTY LINE
  - - - FENCE
  - [Hatched Box] EXCAVATED AREA
  - [Solid Box] BUILDING
  - RW-2 RECOVERY WELL TYP.
  - LMW-2 WATERBABLE MONITORING WELL TYP.
  - ⊗ LMW-2A PIEZOMETER



**RMIT.**

**SITE MAP**  
 U.S. OIL COMPANY, INC.  
 MENASHA EXPRESS  
 MENASHA, WISCONSIN

OWNED BY: STEWERTD  
 APPROVED BY: \_\_\_\_\_  
 DATE: MAY 2000  
 PROJ. # 252116  
 FILE # 25211601.DWG

Figure 2

This Deed, made between Albert J. Schmidt and Margaret Schmidt, his wife, as joint tenants, Grantor, and U. S. Oil Co., Inc., a Wisconsin Corporation

Register's Office  
Winnebago County, Wis.  
Received for record  
this 26th Day of  
November  
A.D., 1984 at  
8:06 o'clock A.M.

622287

Margaret Schmidt  
REGISTER OF DEEDS

McCarty, Gurny, Wydevan, Peeters & Riester  
RETURN BOX 351  
Kaukauna, WI 54130-0351

Witnesseth, That the said Grantor, for a valuable consideration of one dollar and other valuable consideration conveys to Grantee the following described real estate in Winnebago County, State of Wisconsin:

Tax Parcel No: .....

The East Thirty-six (36) feet of Lot Three (3) in the SUBDIVISION of Lots 14, 15 and 16, Block 55, Village of Menasha, in the Fourth Ward, City of Menasha, Winnebago County, Wisconsin,

AND  
The West One Hundred Twenty (120) feet of Lot Three (3) in the SUBDIVISION of Lots 14, 15 and 16, Block 55, in the Fourth Ward, City of Menasha, Winnebago County, Wisconsin, subject to rights granted by Deed recorded in Volume 1195 on page 314.

AND  
The North 32 feet and the South 130 feet of Lot 5 in the Subdivision of Lot 17, of Block 55, in the Fourth Ward, City of Menasha, Winnebago County, Wisconsin.

This deed is being re-recorded to correct the legal description in that certain deed between the above named parties dated September 5, 1984 and recorded November 26, 1984 at 8:06 A.M. as Document No. 622287 in the Winnebago County Registry.

TRANSFER  
210.00  
FEE

Correct conveyance previously recorded & set forth additional fee due for transfer of property as value not correctly stated on original deed recorded 11/26/84, Doc. No. 622287.

This is not homestead property.

TRANSFER

Together with all and singular the hereditaments and appurtenances thereunto belonging; And Albert J. Schmidt and Margaret Schmidt warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except easements, covenants, considerations, and restrictions of record.

30.00  
FEE

and will warrant and defend the same.

Dated this 5th day of Sept, 1984.

(SEAL) Albert J. Schmidt (SEAL)  
Albert J. Schmidt  
(SEAL) Margaret Schmidt (SEAL)  
Margaret Schmidt

AUTHENTICATION

ACKNOWLEDGMENT

Signature(s) .....  
authenticated this ..... day of ..... 19 .....

STATE OF WISCONSIN }  
Outagamie County. } ss.  
Personally came before me this 5th day of September, 1984 the above named Albert J. Schmidt and Margaret Schmidt.

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not authorized by § 706.06, Wis. Stats.) to be known to be the person who executed the foregoing instrument and acknowledge the same.

THIS INSTRUMENT WAS DRAFTED BY  
Donna M. Wydevan  
Attorney at Law  
Kaukauna WI 54130  
Virginia E. Janssen  
Notary Public  
Outagamie County, Wis.  
Commission is permanent. (If not, state expiration date: May 10, 1987)



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



WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140, Wis. Adm. Code groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809, Wis. Adm. Code is restricted by chs. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

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

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

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

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

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to

a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

By signing this document, James R. Murphy asserts that he/she is duly authorized to sign this document on behalf United Paper Cooperation.

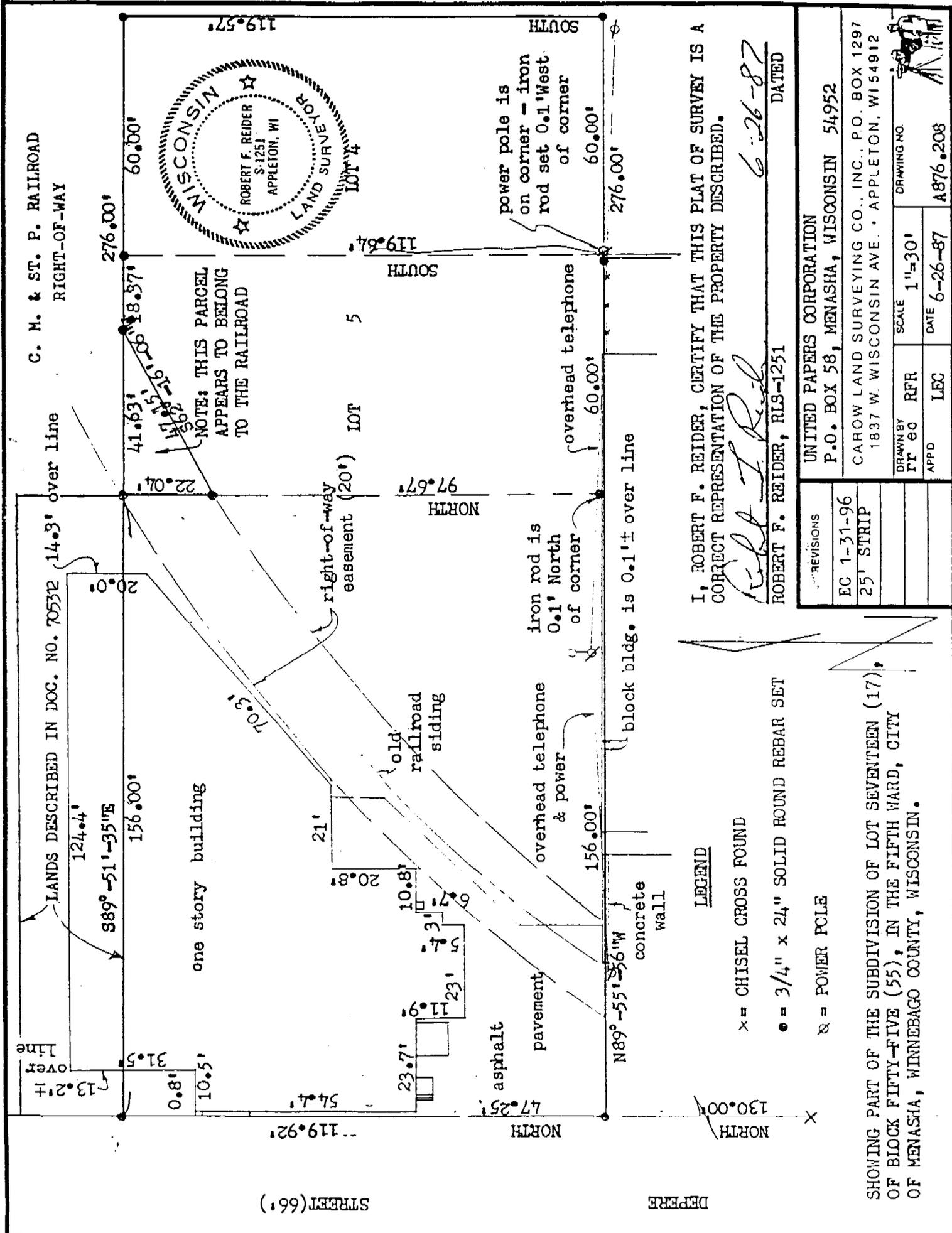
IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 24 day of August, 2000.

Signature:   
Printed Name: JAMES R. MURPHY  
Title: PRESIDENT

Subscribed and sworn to before me this 24<sup>th</sup> day of August, 2000.

  
Notary Public, State of Wisconsin  
My commission 7-1-

This document was drafted by the Wisconsin Department of Natural Resources based on information provided by U.S. Oil Co., Inc.



C. M. & ST. P. RAILROAD  
RIGHT-OF-WAY



NOTE: THIS PARCEL  
APPEARS TO BELONG  
TO THE RAILROAD

I, ROBERT F. REIDER, CERTIFY THAT THIS PLAT OF SURVEY IS A  
CORRECT REPRESENTATION OF THE PROPERTY DESCRIBED.

*Robert F. Reider*  
ROBERT F. REIDER, SLS-1251  
DATED 6-26-87

REVISIONS		UNITED PAPERS CORPORATION	
EC 1-31-96		P.O. BOX 58, MENASHA, WISCONSIN 54952	
25' STRIP		CAROW LAND SURVEYING CO., INC., P.O. BOX 1297 1837 W. WISCONSIN AVE. • APPLETON, WI 54912	
	SCALE 1"=30'	DRAWN BY	DRAWING NO.
		IT' EC RFR	
		APPD LEC	DATE 6-26-87
			A876.208

LEGEND

- x = CHISEL CROSS FOUND
- o = 3/4" x 24" SOLID ROUND REBAR SET
- ⊗ = POWER POLE

SHOWING PART OF THE SUBDIVISION OF LOT SEVENTEEN (17),  
OF BLOCK FIFTY-FIVE (55), IN THE FIFTH WARD, CITY  
OF MENASHA, WINNEBAGO COUNTY, WISCONSIN.

STREET (66')

DEFERRE

QUITCLAIM DEED

TRANSFER

55.50  
FEE

ENERGY  
CODE

7

CMC REAL ESTATE CORPORATION, a Wisconsin Corporation, 547 West Jackson Boulevard, Suite 1510, Chicago, Illinois, 60606 (successor to RICHARD B. OGILVIE, not as an individual but solely as Trustee of the property of Chicago, Milwaukee, St. Paul and Pacific Railroad Company, Debtor, being in possession of all the assets and property of said Railroad Company under authority of the United States District Court for the Northern District of Illinois, Eastern Division, Docket No. 77 B 8999 in proceedings under Section 77 of the Bankruptcy Act) ("Grantor"), for and in consideration of the sum of TEN DOLLARS (\$10.00), and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, does hereby CONVEY and QUITCLAIM, unto UNITED PAPER CORPORATION, a Wisconsin Corporation, whose address is 309 DePere Street, Menasha, Wisconsin 54952, ("Grantee"), subject to any and all exceptions and reservations hereinafter set forth, the following described real estate situated and being in the County of Winnebago, State of Wisconsin, ("the Property"), to-wit:

Begin at a point in the centerline of DePere Street in the City of Menasha, in the County and State aforesaid, distant 50 feet Southerly of, as measured at right angles to, the centerline of the Railroad Company's main track; thence easterly and parallel to said main track 195 feet, more or less; thence Southerly at right angles 125 feet, more or less; thence westerly at right angles 195 feet to said street centerline; thence Northerly along said centerline 125 feet, more or less, to the point of beginning, all in Section 14, Township 20 North, Range 17 East, containing .56 acres, more or less.

This conveyance is subject to general real estate taxes which are a lien but not yet delinquent, and to any and all covenants, leases, licenses, easements, restrictions, and conditions of any kind or character, including but not limited to, building ordinances, codes or laws, public or private roadways and alleys, whether or not of record.

GRANTOR reserves unto itself, its successors, grantees and assigns, all mineral and water rights, including but not limited to, coal, oil, gas, casinghead gas, water, iron ore and all other ores and minerals of every kind and nature, underlying the surface of said premises, together with the full right, privilege and license at any and all times to explore, or drill for and to protect, conserve, mine, take, extract, remove and market any and all such products.

The Grantee, its successors and assigns, covenant and agree that it shall neither do nor cause to be done any act that will unreasonably impede the flow of drainage water over the property herein described so as to adversely affect rail operations. This covenant shall in no way be construed to prohibit the Grantee from erecting buildings or other improvements on the property herein described, provided that the drainage equivalent to that existing at the time of this conveyance is maintained, whether naturally or by other means. This covenant shall run with the land and be binding upon the Grantee, its successors and assigns.

The Grantor reserves for itself, its successors and assigns, a perpetual easement on, over the across that portion of the property designated "Right-of-Way Easement" on Exhibit "A" dated 4/4/86 attached hereto and by reference made a party hereof, including, but not limited to, the right to maintain, repair, renew, use, operate, and remove any track or tracks and appurtenances now existing upon or across the property herein described and to construct, maintain, repair, renew, use, operate, and remove any additional track or tracks and appurtenances across the property herein described, and also the right to install, maintain, use and operate wires or cables, together with poles or other structures supporting the same above the surface of said together with poles or other structures supporting the same above the surface of said property, or pipes or conduits or other structures beneath the surface of said property.

The Grantor reserves for itself, its successors and assigns, an easement on, over and across the portion of the property represented on Exhibit "A" dated 4/4/86 attached hereto and by reference made a part hereof, for the continued maintenance, operation and use of pole lines, underground wires, water lines, gas and oil lines with the right to use same with all the appurtenant fixtures necessary thereto whether in present form or in such form or forms as may hereafter be substituted therefor.

GRANTOR reserves unto itself, its successors, grantees and assigns, the right and privilege in the form of an easement in gross for the continued maintenance, operation and use of all existing driveways, roads, conduits, sewers, water mains, gas, electric power lines, wires and other utilities and easements of any kind whatsoever on said Property, whether or not of record, including the repair, reconstruction and replacement thereof, unless otherwise provided for herein and a further reservation of the right and privilege of the Grantor, its successors, grantees and assigns to convert any existing leases, licenses and agreements for driveways, roads, conduits, sewers, water mains, gas lines, electric power lines, wires and other utilities to permanent easements by issuance of a suitable grant in recordable form.

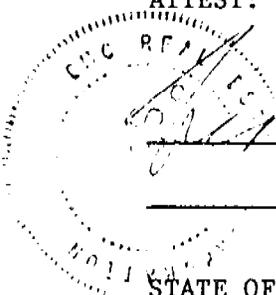
GRANTOR reserves unto itself, its successors, grantees and assigns, exclusive perpetual easements, together with a reasonable right-of-entry thereto, for the construction, erection, installation, operation and maintenance of transportation and transmission systems for all and every type of energy by whatever means, except by railroad, including, but not limited to, pipelines, telephone, radio, radar or laser, transmission systems, wire, fibers, conduits, utility and energy transmission lines of every kind and character together with all necessary supporting devices which may be constructed, erected or installed in, on, under, above, across and along any portion of the Property lying within fifty (50) feet of the centerline of the main railroad track(s) as represented on the attached Exhibit "A"; provided, however, that the exercise of the rights reserved herein shall not unreasonably interfere with Grantee's use of the surface; and provided further that all rights reserved herein shall continue forever,

whether or not exercised, unless expressly relinquished in writing by Grantor, its successors or assigns. The rights reserved by Grantor shall include the right to reconstruct, re-erect and reinstall each and every transportation or transmission facility herein contemplated.

IN WITNESS WHEREOF, this instrument is executed by Grantor, this 25<sup>th</sup> day of November, 1986.

CMC REAL ESTATE CORPORATION, a Wisconsin Corporation

ATTEST:



[Signature]  
Secretary

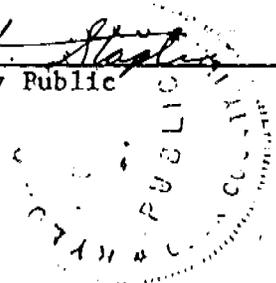
By: [Signature]  
Edwin Jacobson  
President

STATE OF ILLINOIS )  
                          ) SS  
COUNTY OF COOK   )

On the date above noted, before me, the undersigned, a Notary Public in and for the county and state aforesaid, do hereby certify that Edwin Jacobson, personally known to me to be the President of CMC REAL ESTATE CORPORATION, a Wisconsin corporation, and Leon Fiorentino, personally known to me to be the Secretary of said corporation, and personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that as such President and Secretary of said corporation, they caused the corporate seal of said corporation to be affixed thereto, pursuant to authority given by the Board of Directors of said corporation as their free and voluntary act, and as the free and voluntary act and deed of said corporation for the uses and purposes therein set forth.

Given under my hand and seal this 25<sup>th</sup> day of November, 1986.

[Signature]  
Notary Public



My commission expires:

January 21, 1990  
F.E.I.N. 36-6000639

This document was prepared by Title and Closing Department, CMC Real Estate Corporation, Chicago, Illinois, 60606.

mb0  
ccj



*Integrated  
Environmental  
Solutions*

744 Heartland Trail 53717-1934  
P.O. Box 8923 53708-8923  
Madison, WI  
Telephone: 608-831-4444  
Fax: 608-831-3334

June 29, 2000

Ms. Joan Smogoleski  
City Clerk  
140 Main Street  
Menasha, WI 54952

**R + R - OSH  
RECEIVED**

JUL 14 2000

**TRACKED   
REVIEWED**

Subject: Notification of NR 140 Enforcement Standard Exceedences  
In DePere Street (S.T.H. 47) and Third Street (S.T.H. 114) Rights-of-Way,  
U. S. Oil Company, Inc. - Menasha Express Convenience Store  
700 Third Street, Menasha, Winnebago County, Wisconsin  
WDNR File No. 03-71-000310; PECFA Site No. 54952-3210-00

Dear Ms. Smogoleski:

On April 24, 2000, the Wisconsin Department of Natural Resources (WDNR) granted conditional closure of the above-referenced site. Since groundwater impacts of petroleum constituents exceeding the NR 140 Enforcement Standards continue to be present beneath the site and may extend into the DePere Street (S.T.H. 47) and Third Street (S.T.H. 114) rights-of-way, we are providing you with notification of the presence of these impacts in accordance with NR 726.05 (2)(b) 4. The regulation states "that a groundwater use restriction is not required for a public street or highway right-of-way where there are ch. NR 140 Enforcement Standard exceedences in a stable or receding plume provided that the municipal clerk, and the municipal department or state agency that is responsible for maintaining the street or highway have been given written notification of the presence of residual soil and groundwater contamination within the right-of-way." No action is required on the part of the City of Menasha, or the Wisconsin Department of Transportation.

The site is underlain by glacial deposits of sand, silt, and clay, which are underlain by bedrock at depths ranging between approximately 22 and 26 feet below ground surface (bgs). Groundwater is typically present between approximately 16 and 19 feet bgs. Groundwater impacts are present beneath the site and may extend a short distance into the rights-of-way for DePere Street (S.T.H. 47) and Third Street (S.T.H. 114; Figure 1). All of the monitoring and recovery wells will be abandoned in accordance with NR 141 requirements after the WDNR-required groundwater use restrictions for the site and the property adjacent to the northern site boundary are in place.

The attached Figure 1 shows the site monitoring and recovery wells, along with the results of the December 1999 sampling round (the most recent monitoring event). The groundwater contamination is in a stable or receding state, and the plume margins are not expanding. Remedial efforts have removed 1,633 tons of petroleum-contaminated soil, >47 gallons of free product, approximately 5,500 pounds of petroleum hydrocarbons (by the soil vapor extraction system), and 400,000 gallons of petroleum-contaminated groundwater. It is unlikely that any soil contamination from the site

Ms. Joan Smogoleski  
City Clerk  
June 29, 2000  
Page 2

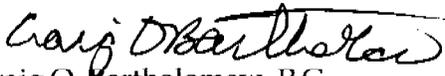
remains within 4 feet of the existing ground surface. It is believed that remediation of the remaining impacts to both groundwater and soil will be completed by natural attenuation processes.

Please keep this letter on file as a reminder to personnel who may be conducting subsurface work at this location in the future that petroleum impacts to groundwater exceeding the NR 140 standards were present as of the writing of this letter.

If you have any questions, please call us, at (608) 831-4444.

Sincerely,

RMT, Inc.



Craig O. Bartholomew, P.G.  
Project Hydrogeologist



James E. Morse  
Senior Project Manager

Attachment

cc: Tim Schmidt - U.S. Oil Company, Inc.  
Kevin McKnight - Wisconsin Department of Natural Resources (WDNR)  
Mark Radtke - City of Menasha Director of Public Works  
Bob Pearson - Bureau of Environment  
Kevin Gehrman - Risk Management WisDOT  
Dick Conradt - District 3 Maintenance WisDOT  
Bob Pavlik - District 3 Utility Coordinator WisDOT  
Mike Helmrick - District 3 Environmental Coordinator WisDOT  
Rick Dixon - WisDOT Real Estate

**LEGEND**

- APPROXIMATE PROPERTY LINE
- + FENCE
- [Hatched Box] EXCAVATED AREA
- [Diagonal Lines Box] BUILDING
- RW-2
- MW-2
- MW-2A
- 743.21
- (740.06)
- 743.0
- ↑
- MW
- NS
- ND

GROUNDWATER TABLE ELEVATION (FT MSL)  
 GROUNDWATER ELEVATION IN PEZOMETER, NOT CONTROLLED (FT MSL)  
 GROUNDWATER CONTROL POINT ELEVATION (FOOT INTERVAL, DASHED WHERE APPLICABLE)  
 APPROX. DIRECTION OF GROUNDWATER FLOW  
 WATER LEVEL, NOT TESTED  
 NOT SAMPLER DATA  
 PVOC's NOT TESTED

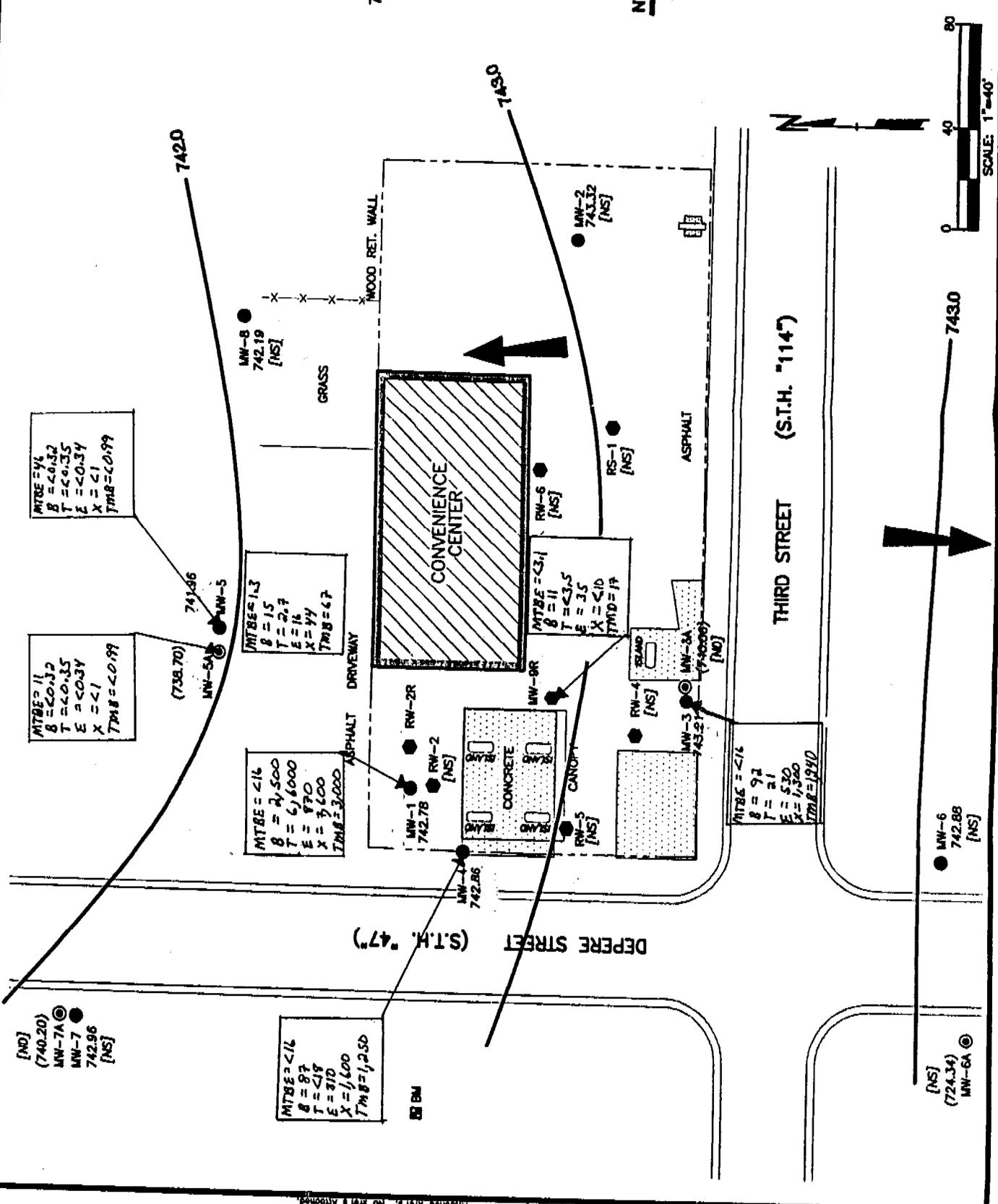
MTBE - Methyl Tertiary Butyl Ether  
 B - Benzene  
 T - Toluene  
 E - Ethylbenzene  
 X - Total Xylenes  
 TMB - Total Tri-n-butyl Lead

**NOTES**

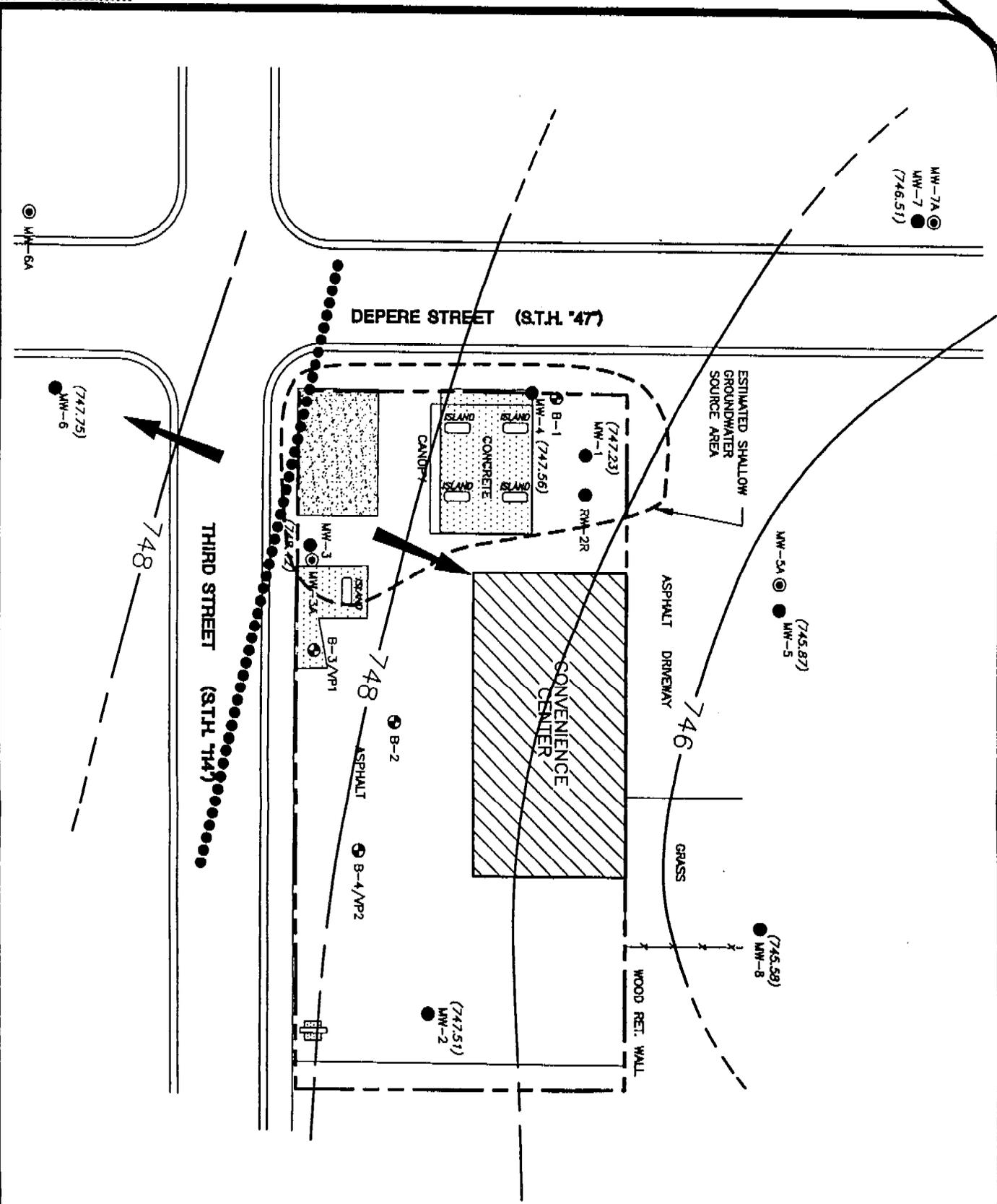
1. HISTORICALLY, THERE IS DRYC along THIRD STREET

PVOC Data  
 December

WATER  
 UNSATURATED  
 AQUEOUS  
 PHASE

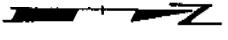






**LEGEND:**

- MW-5 WATER TABLE MONITORING WELL, TYP.
- ⊙ MW-3A PIEZOMETER
- ⊕ B-4/VP2 BORING, TYP.
- - - APPROXIMATE PROPERTY LINE
- ▨ OVER-EXCAVATED AREA OF FORMER USIA
- \*—\*— FENCE
- ▧ BUILDING
- APPROXIMATE LOCATION OF LOCAL GROUNDWATER FLOW DIVIDE (747.32) ELEVATION OF GROUNDWATER ON AUG. 4, 1993
- ↔ 748 DIRECTION OF GROUNDWATER FLOW
- GROUNDWATER CONTOUR
- ▤ LOCATION OF EXISTING USIA

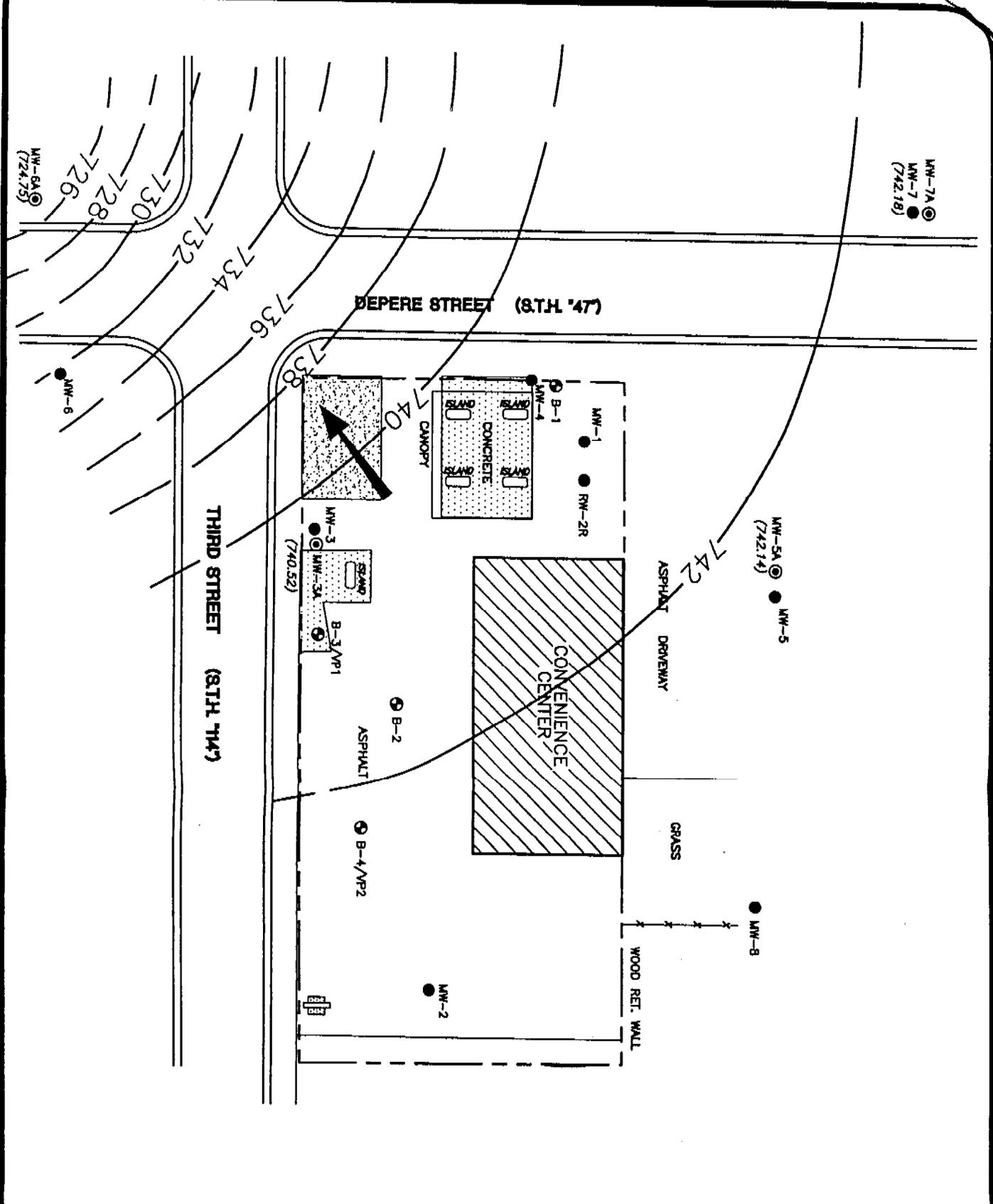


**WATER TABLE MAP  
 US OIL - MENNASHA**

**RWT** INC.

DRAWN BY: TBM
APPROVED BY:
DATE: NOVEMBER, 1993
PROJECT: 2521.02
FILE # 25210204

FIGURE 4



**LEGEND:**

- MW-3 WATER TABLE MONITORING WELL, TYP.
- ⊙ MW-3A PIEZOMETER
- ⊙ B-4/VP2 BORING, TYP.
- APPROXIMATE PROPERTY LINE
- ▨ OVER-EXCAVATED AREA OF THE FORMER USTs
- FENCE
- ▧ BUILDING
- (740.52) ELEVATION OF GROUNDWATER ON AUGUST 4, 1983
- 742- PIEZOMETRIC SURFACE CONTOUR
- ➔ DIRECTION OF FLOW
- ▨ LOCATION OF EXISTING USTs



**PIEZOMETRIC WATER SURFACE MAP**  
 US OIL - MEMASHA

**RWT** INC.  
 DPM, EPR, DPR/RBN/TBW  
 APPROVED BY: [Signature]  
 DATE: 10/10/93  
 PROJECT: 252102  
 FILE: 25210203

FIGURE 5

Table 1  
 Historical Summary of PVOCs Results  
 Groundwater Contaminant Chemistry  
 U.S. Oil Company, Inc. - Menasha Express  
 Menasha, Wisconsin  
 (units are µg/L)

Pump or Treat  
 shut off  
 SVE shut off

WELL I.D.	SAMPLE DATE	BENZENE	ETHYL-BENZENE	TOLUENE	TOTAL TRIMETHYL-BENZENE	XYLENES (total)	MTBE	TOTAL PVOCs
ES		5	700	343	480	620	60	NA
PAL		0.5	140	68.6	96	124	12	NA
MW-1  Pre  SVE off  Post	Nov-91 <sup>(1)</sup>	14,000	11,000	ND	NA	27,000	NA	52,000
	May-93	18,000	4,500	38,000	4,940	25,000	BQL	90,440
	May-93	NS	NS	NS	NS	NS	NS	NS
	Aug-93	15,000	3,400	32,000	2,700	18,000	BQL	71,100
	Dec-93	16,000	3,800	33,000	4,210	20,200	BQL	77,210
	Apr-94	18,000	4,000	37,000	3,580	20,200	ND	82,780
	Jul-94	18,000	4,300	39,000	3,740	20,300	ND	85,340
	Dec-94	NS	NS	NS	NS	NS	NS	NS
	Jun-95	2,100	2,600	11,000	3,540	14,200	ND	33,440
	Sep-95	3,200	2,400	12,000	4,160	14,300	ND	36,060
	Dec-95	3,100	2,400	9,700	4,420	15,000	ND	34,620
	Mar-97	3,100	1,700	3,700	6,000	10,300	ND	24,800
	Jun-97	1,400	790	3,000	4,600	11,200	ND	20,990
	Sep-97	1,900	760	1,500	4,600	7,600	560	16,920
	Dec-97	2,700	830	3,700	4,000	6,800	ND	18,030
	Mar-98	4,800	1,200	6,900	5,900	10,600	ND	29,400
	Jun-98	700	640	520	3,500	6,000	ND	11,360
Sep-98	840	500	480	2,950	4,820	ND	9,590	
Dec-98	3,000	730	2,500	3,030	5,750	ND	15,010	
Mar-99	3,100	810	5,500	2,550	6,300	ND	18,260	
Jun-99	2,500	760	6,000	2,650	6,900	ND	18,810	
Sep-99	170	630	1,900	2,190	5,000	ND	9,890	
Dec-99	2,500	870	6,600	3,000	7,600	<16	20,570	
MW-2  Pre  Post	Nov-91 <sup>(1)</sup>	56	21	ND	NA	74	NA	151
	May-93	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	May-93	NA	NA	NA	NA	NA	NA	NA
	Aug-93	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	Dec-93	NS	NS	NS	NS	NS	NS	NS
	Apr-94	ND	ND	ND	ND	ND	ND	ND
	Jul-94	ND	ND	ND	ND	ND	ND	ND
	Dec-94	ND	ND	ND	ND	ND	ND	ND
	Jun-95	ND	ND	ND	ND	ND	ND	ND
	Sep-95	ND	ND	ND	ND	ND	ND	ND
	Dec-95	NA	NA	NA	NA	NA	NA	NA
	Mar-96	ND	ND	ND	ND	ND	ND	ND
	Jun-97	ND	ND	ND	ND	ND	ND	ND
	Jun-98	ND	ND	ND	ND	ND	ND	ND
	Sep-98	NS	NS	NS	NS	NS	NS	NS
Dec-98	NS	NS	NS	NS	NS	NS	NS	
Mar-99	NS	NS	NS	NS	NS	NS	NS	
Jun-99	NS	NS	NS	NS	NS	NS	NS	
Sep-99	NS	NS	NS	NS	NS	NS	NS	
MW-3	Nov-91 <sup>(1)</sup>	2,800	370	3,200	NA	900	NA	7,270
	May-93	1,200	750	960	830	3,100	BQL	6,840
	May-93	NS	NS	NS	NS	NS	NS	NS
	Aug-93	790	260	10	242	460	39	1,801
	Dec-93	1,300	650	800	753	1,380	93	4,976

>ES  
 >PAL

Table 1 (Continued)  
 Historical Summary of PVOCs Results  
 Groundwater Contaminant Chemistry  
 U.S. Oil Company, Inc. - Menasha Express  
 Menasha, Wisconsin  
 (units are µg/L)

WELL I.D.	SAMPLE DATE	BENZENE	ETHYL-BENZENE	TOLUENE	TOTAL TRIMETHYL-BENZENE	XYLENES (total)	MTBE	TOTAL PVOCS
ES		5	700	343	480	620	60	NA
PAI		0.5	140	68.6	96	124	12	NA
MW-3 (continued)	Apr-94	<b>6,200</b>	<b>3,200</b>	<b>13,000</b>	<b>2,770</b>	<b>14,800</b>	ND	39,970
	Jul-94	<b>3,300</b>	<b>3,000</b>	<b>1,000</b>	<b>3,480</b>	<b>12,800</b>	<b>200</b>	23,780
	Dec-94	NS	NS	NS	NS	NS	NS	NS
	Sep-95	<b>300</b>	<b>2,100</b>	<b>1,000</b>	<b>5,700</b>	<b>12,000</b>	ND	21,100
	Dec-95	<b>6.3</b>	280	12	<b>1,480</b>	<b>1,270</b>	ND	3,048
	Mar-96	<b>190</b>	<b>1,100</b>	72	<b>3,440</b>	<b>5,100</b>	ND	9,902
	Jun-96	ND	ND	1	1	ND	1	3
	Mar-97	<b>130</b>	370	78	<b>2,050</b>	<b>940</b>	ND	3,568
	Jun-97	<b>&lt;170&gt;</b>	<b>990</b>	<b>&lt;68&gt;</b>	<b>2,760</b>	<b>3,630</b>	ND	7,618
	Sep-97	<b>230</b>	<b>1,000</b>	120	<b>3,280</b>	<b>3,240</b>	ND	7,870
	Dec-97	<b>&lt;48&gt;</b>	220	ND	<b>1,350</b>	<b>702</b>	ND	2,320
	Mar-98	<b>54</b>	140	64	<b>1,930</b>	377	ND	2,565
	Jun-98	<b>95</b>	600	130	<b>13,990</b>	<b>1,810</b>	ND	16,625
	Sep-98	<b>73</b>	480	<b>&lt;48&gt;</b>	<b>2,110</b>	<b>1,487</b>	ND	4,198
	Dec-98	ND	<b>&lt;60&gt;</b>	ND	<b>730</b>	<b>&lt;231&gt;</b>	ND	1,021
	Mar-99	<b>32</b>	120	11	<b>750</b>	<b>360</b>	ND	1,273
	DST	Jun-99	<b>110</b>	<b>880</b>	38	<b>3,280</b>	<b>2,600</b>	ND
Sep-99		<b>76</b>	<b>770</b>	ND	<b>2,540</b>	<b>2,000</b>	ND	5,386
Dec-99		<b>92</b>	530	<b>&lt;21&gt;</b>	<b>1,940</b>	<b>1,300</b>	<b>&lt;16&gt;</b>	3,883
MW-3A  PRE  POST	Nov-91 <sup>(1)</sup>	<b>140</b>	49	190	NA	100	NA	479
	May-93	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	May-93	NS	NS	NS	NS	NS	NS	NS
	Aug-93	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	Dec-93	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	Apr-94	ND	ND	ND	ND	ND	ND	ND
	Jul-94	ND	ND	ND	ND	ND	ND	ND
	Dec-94	ND	ND	ND	ND	ND	ND	ND
	Jun-95	ND	ND	ND	ND	ND	ND	ND
	Sep-95	ND	ND	ND	ND	ND	ND	ND
	Dec-95	ND	ND	ND	ND	ND	ND	ND
	Mar-96	ND	ND	ND	ND	ND	ND	ND
	Jun-97	ND	ND	ND	ND	ND	ND	ND
	Jun-98	ND	ND	ND	ND	ND	ND	ND
	Sep-98	NS	NS	NS	NS	NS	NS	NS
	Dec-98	NS	NS	NS	NS	NS	NS	NS
	Mar-99	NS	NS	NS	NS	NS	NS	NS
	Jun-99	ND	ND	ND	ND	ND	ND	ND
	Sep-99	ND	ND	ND	ND	ND	ND	ND
	Dec-99	<b>&lt;0.32&gt;</b>	<b>&lt;0.34&gt;</b>	<b>&lt;0.35&gt;</b>	<b>&lt;0.99&gt;</b>	<b>&lt;1&gt;</b>	<b>&lt;0.31&gt;</b>	<b>&lt;3.31&gt;</b>
MW-4  Pre	Nov-91 <sup>(1)</sup>	NI	NI	NI	NI	NI	NI	NI
	May-93	<b>630</b>	<b>3,500</b>	<b>11,000</b>	<b>3,500</b>	<b>16,300</b>	BQL	34,930
	Aug-93	BQL	<b>2,600</b>	<b>4,600</b>	<b>8,500</b>	<b>13,000</b>	BQL	28,700
	Dec-93	<b>400</b>	<b>2,300</b>	<b>6,100</b>	<b>3,720</b>	<b>12,000</b>	BQL	24,520
	Apr-94	<b>270</b>	<b>1,000</b>	<b>3,200</b>	<b>5,900</b>	<b>16,000</b>	ND	26,370
	Jul-94	<b>1,900</b>	<b>3,100</b>	<b>8,400</b>	<b>3,830</b>	<b>15,500</b>	ND	32,730
	Dec-94	NS	NS	NS	NS	NS	NS	NS

Table 1 (Continued)  
 Historical Summary of PVOCs Results  
 Groundwater Contaminant Chemistry  
 U.S. Oil Company, Inc. - Menasha Express  
 Menasha, Wisconsin  
 (units are µg/L)

WELL I.D.	SAMPLE DATE	BENZENE	ETHYL-BENZENE	TOLUENE	TOTAL TRIMETHYL-BENZENE	XYLENES (total)	MTBE	TOTAL PVOCs
ES		5	700	343	480	620	60	NA
PAL		0.5	140	68.6	96	124	12	NA
MW-4 (continued)	Jun-95	410	3,400	9,300	12,400	20,300	ND	45,810
	Sep-95	350	2,700	6,700	5,300	16,400	ND	31,450
	Dec-95	350	1,500	1,600	3,050	8,700	ND	15,200
	Mar-96	NS	NS	NS	NS	NS	NS	NS
	Jun-96	140	1,000	250	4,400	6,800	ND	12,590
	Mar-97	210	240	92	3,800	3,770	ND	8,112
	Jun-97	<190>	1,300	<120>	4,080	7,640	ND	13,330
	Sep-97	260	1,600	220	5,300	7,290	ND	14,670
	Dec-97	<77>	410	ND	3,760	4,671	ND	8,918
	Mar-98	130	130	ND	3,500	3,030	ND	6,790
	Jun-98	160	1,200	180	4,600	9,060	ND	15,200
	Sep-98	ND	620	ND	2,690	3,500	ND	6,810
	Dec-98	ND	210	ND	2,520	2,500	ND	5,230
	Mar-99	57	310	17	1,660	2,300	ND	4,344
POST	Jun-99	NS	NS	NS	NS	NS	NS	NS
	Sep-99	<27>	300	ND	1,580	1,400	ND	3,307
	Dec-99	87	310	<18	1,250	1,600	<16	3,247
MW-5  PRE	Nov-91 <sup>(1)</sup>	NI	NI	NI	NI	NI	NI	NI
	May-93	BQL	BQL	2.4	BQL	BQL	15	17.4
	Aug-93	BQL	BQL	16	BQL	BQL	27	43
	Dec-93	BQL	BQL	BQL	BQL	BQL	58	58
	Apr-94	ND	ND	ND	ND	ND	64	64
	Jul-94	ND	ND	ND	ND	ND	51	51
	Dec-94	ND	ND	ND	ND	ND	40	40
	Jun-95	ND	ND	ND	ND	ND	23	23
	Sep-95	ND	ND	ND	ND	ND	37	37
	Dec-95	ND	ND	ND	ND	ND	61	61
	Mar-96	ND	ND	ND	ND	ND	69	69
	Jun-96	ND	ND	ND	ND	ND	97	97
	Sep-96	ND	ND	ND	ND	ND	59	59
	Dec-96	ND	ND	ND	ND	ND	24	24
	Jun-98	ND	<1.2>	<1.1>	<2.32>	<2.0>	50	57
	Sep-98	NS	NS	NS	NS	NS	NS	NS
	Dec-98	NS	NS	NS	NS	NS	NS	NS
	Mar-99	NS	NS	NS	NS	NS	NS	NS
	Jun-99	ND	ND	ND	ND	ND	51	51
Sep-99	ND	ND	ND	<0.49>	ND	55	55	
Dec-99	<0.32	<0.34	<0.35	<0.99	<1	46	46	
MW-5A  PRE	Nov-91 <sup>(1)</sup>	NI	NI	NI	NI	NI	NI	NI
	May-93	BQL	BQL	2.8	BQL	BQL	1.2	4.0
	Aug-93	BQL	BQL	BQL	BQL	BQL	1.5	1.5
	Dec-93	BQL	BQL	BQL	BQL	BQL	1.9	1.5
	Apr-94	ND	ND	ND	ND	ND	2.2	2.2
	Jul-94	ND	ND	ND	ND	ND	1.6	1.6
	Dec-94	ND	ND	ND	ND	ND	2.9	2.9
	Jun-95	ND	ND	ND	ND	ND	1.1	1.1
Sep-95	ND	ND	ND	ND	ND	1.4	1.4	

Table 1 (Continued)  
 Historical Summary of PVOCs Results  
 Groundwater Contaminant Chemistry  
 U.S. Oil Company, Inc. - Menasha Express  
 Menasha, Wisconsin  
 (units are µg/L)

WELL I.D.	SAMPLE DATE	BENZENE	ETHYL-BENZENE	TOLUENE	TOTAL TRIMETHYL-BENZENE	XYLENES (total)	MTBE	TOTAL PVOCs
ES		5	700	343	480	620	60	NA
PAL		0.5	140	68.6	96	124	12	NA
MW-8 (continued)	Mar-96	ND	ND	ND	ND	ND	ND	ND
	Jun-97	ND	ND	ND	ND	ND	ND	ND
	Jun-98	ND	ND	ND	ND	ND	ND	ND
	Sep-98	NS	NS	NS	NS	NS	NS	NS
	Dec-98	NS	NS	NS	NS	NS	NS	NS
	Mar-99	NS	NS	NS	NS	NS	NS	NS
	Jun-99	NS	NS	NS	NS	NS	NS	NS
	Sep-99	NS	NS	NS	NS	NS	NS	NS
RW-2	Mar-99	<b>440</b>	<b>180</b>	<b>1,000</b>	<b>530</b>	<b>1,700</b>	NS	NS
RW-2R  PRE	Nov-91 <sup>(1)</sup>	<b>10,000</b>	<b>2,500</b>	<b>14,000</b>	NA	<b>9,000</b>	NA	35,500
	May-93	<b>170</b>	58	68	37	390	12	735
	May-93	NA	NA	NA	NA	NA	NA	NA
	Aug-93	<b>660</b>	540	<b>1,600</b>	<b>680</b>	<b>2,400</b>	BQL	5,880
	Dec-93	<b>810</b>	590	<b>790</b>	<b>890</b>	<b>2,310</b>	56	5,446
POST	Jun-99	<b>16</b>	10	3.6	63	41	<0.44>	134.0
	Sep-99	<b>8.4</b>	8.2	<0.86>	49	31	ND	97.5
	Dec-99	<b>15</b>	16	2.7	67	44	1.3	146.0
RW-4	Mar-99	<1>	1.8	2	5.7	ND	ND	10.5
	Jun-99	NS	NS	NS	NS	NS	NS	NS
	Sep-99	NS	NS	NS	NS	NS	NS	NS
RW-5	Mar-99	ND	ND	ND	ND	ND	ND	ND
	Jun-99	NS	NS	NS	NS	NS	NS	NS
	Sep-99	NS	NS	NS	NS	NS	NS	NS
MW-9 Abar	Jul-94	<b>7400</b>	<b>2600</b>	<b>4600</b>	<b>2390</b>	<b>10500</b>	ND	27490
RW-9R	Mar-99	<b>100</b>	49	3.7	10.4	8.1	2.6	24.8
	Jun-99	<b>100</b>	78	3	62.82	32.0	4.7	99.5
	Sep-99	<b>130</b>	90	ND	74	<25>	ND	319.0
	Dec-99	<11>	35	<3.5	17	<10	<3.1	63.0

Notes:  
 (1) Groundwater samples collected by Miller Engineers.  
 < > = analyte detected between the Level of Detection and the Level of Quantitation.  
 NS = not sampled.  
 ND = not detected.  
 NA = not analyzed  
 NI = not installed  
 ES = Enforcement Standard.  
 PAL = Preventive Action Limit.  
 Bold = exceeds the Enforcement Standard.  
 NA = not applicable.  
 BQL = below quantitation limit.

Updated by: DJ, 2/00

Checked by: KS, 2/00