GIS REGISTRY INFORMATION

SITE NAME: Town of Pilsen

BRRTS #: 03-04-210524 FID # (if appropriate):

COMMERCE # (if appropriate): 54806-9803-03

CLOSURE DATE: 5/9/05

STREET ADDRESS: Town Hall Rd.

CITY: Moquah (Ashland)

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 437233 Y= 678064

CONTAMINATED MEDIA: Groundwater [X] Soil [ ] Both [ ]

OFF-SOURCE GW CONTAMINATION >ES: [ ] Yes [X] No

IF YES, STREET ADDRESS 1:

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

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

IF YES, STREET ADDRESS 1:

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

CONTAMINATION IN RIGHT OF WAY: [ ] Yes [X] 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 N/A [ ]
- County Parcel ID number, *if used for county*, for all affected properties 040101406000 [X]
- Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site. [X]
- Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs. [X]
- Tables of Latest Groundwater Analytical Results (no shading or cross-hatching) [X]
- Tables of Latest Soil Analytical Results (no shading or cross-hatching) [X]
- Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map. [X]
- GW: Table of water level elevations, with sampling dates, and free product noted if present [X]
- GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees) [X]
- SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour N/A [ ]
- Geologic cross-sections, *if required for 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)(public, highway or railroad ROW) 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

Jim Doyle, Governor
Scott Hassett, Secretary
John Gozdzialski, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-3349
Telephone 715-365-8900
FAX 715-365-8932
TTY Access via relay - 711

May 9, 2005

Town of Pilsen
Attn: Mike Misun
Town Hall Rd
Ashland, WI 54806

SUBJECT: Final Case Closure By Closure Committee
Town of Pilsen, Town Hall Rd, Moquah, WI
WDNR BRRTS #:03-04-210524
PECFA # 54806-9803-03

Dear Mr. Misun:

On March 3, 2005, your site as described above was reviewed for closure by the Northern 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 March 9, 2005, you were notified that the Closure Committee had granted conditional closure to this case.

On May 5, 2005, the Department received correspondence indicating that you have complied with the conditions of closure, specifically, documentation of the abandonment of the monitoring wells and a map required for the GIS Registry. 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

If your property is listed on the GIS Registry due to groundwater contamination exceeding ch. NR 140 standards at the time of closure, and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at the web address listed above.

If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

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 & Redevelopment Program

cc: File
Chris Saari, Ashland

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

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
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Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-3349
Telephone 715-365-8900
FAX 715-365-8932
TTY Access via relay - 711

March 9, 2005

Town of Pilsen
Attn: Mike Misun
Town Hall Road
Ashland, WI 54806

Subject: Conditional Case Closure
Town of Pilsen, Town Hall Road, Moquah, Wisconsin
WDNR BRRTS # 03-04-210524
PECFA #54806-9803-03

Dear Mr. Misun:

On March 3, 2005 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 fuel and gasoline contamination on the site appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and 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.

Please ask your consultant to resubmit a detailed site map for the GIS Registry. The map should include a view of the road leading up to the Town's buildings, and their relationship to the County highway that it intersects with. Both roads should be labeled.

When the above conditions have been satisfied, your case will be closed. 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.

If this is a PECFA site, 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

c: File
Chris Saari, Ashland

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

#211824
Ondossagon Public Schools
Joint District No. 1

TO

Town of Pilsen

Warranty Deed

Received for Record:

June 9th, 1958 at 11:25 AM

THIS INDENTURE made by ONDOSSAGON PUBLIC SCHOOLS, Joint District No. 1, Towns of Barksdale, Eileen, Kelly, Keystone, Mason, Pilsen, Washburn, Delta, and Village of Mason, Bayfield County, Wisconsin, Successor in interest of School District No. 3 of the Town of Pilsen, GRANTOR, hereby conveys and warrants to THE TOWN OF PILSEN, a Municipal Corporation of Bayfield County, State of Wisconsin:

A parcel of land in the North half of the Northeast Quarter of Section 11,

Township 47, North, of Range 6 West, more particularly described as follows:

Beginning at a point 918½ feet South of the Northwest corner of the Northeast quarter of the Northeast quarter of said Section 11; thence East 97 feet; thence South 264 feet; thence West 165 feet; thence North 264 feet; thence East 68 feet to the place of beginning; and

Beginning at a point 875½ feet South and 68 feet West of the Northeast corner of the Northwest quarter of the Northeast quarter of said Section 11, running thence West along the center of the public highway about 665 feet; thence South about 285 feet; thence in an Easterly direction along the North side of the Northern Pacific Railway right of way to the point where the South line of the Northwest quarter of the Northeast quarter of said Section 11 crosses the same; thence East to a point 68 feet West of the Southeast corner of the said Northwest quarter of the Northeast quarter; thence North to the place of beginning.

It is a condition of this conveyance that said premises shall not be offered for sale by the Grantee and shall be held by it for community purposes only,

This conveyance is given pursuant to the authorization of a Resolution by the Annual Meeting on July 8, 1957, and by the School Board on the 26th day of July, 1957.

IN WITNESS WHEREOF, said School District has caused these presents to be signed by Nels Werner, its Director and Harvey Rowe, its Clerk, this 16 day of August 1957.

ONDOSSAGON PUBLIC SCHOOLS JOINT DISTRICT NO. 1, TOWNS OF BARKSDALE, EILEEN, KELLY, KEYSTONE, MASON, PILSEN, WASHBURN, DELTA AND VILLAGE OF MASON

Signed in presence of:

Alice Junek

Pershing C. Kurchner

By Nels W. Werner (SEAL)
Nels Werner, Director

Harvey Rowe (SEAL)
Harvey Rowe, Clerk

STATE OF WISCONSIN)
County of Bayfield) ss

On this 16 day of August, 1957, personally came before me the above named Nels Werner and Harvey Rowe, Director and Clerk respectively of the above named School District, Grantor, to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Carl O. Lindahl
Notary Public, Bayfield County, Wis.
My Commission Expires: Dec. 11, 1960

(NOTARIAL SEAL)

#211837
Edgar I. Schram & Elizabeth

TO

Leonard Erickson & Doris

Warranty Deed

Received for Record:

June 10, 1958 at 11 AM

WARRANTY DEED

Edgar I. Schram and Elizabeth Schram, his wife grantors, of 7119 Manila Ave., El Cerrito, Contra Costa County, California, hereby conveys and warrants to Leonard Erickson & Doris Erickson, joint tenants in common, grantees, of Iron River, Bayfield County, Wisconsin, for a consideration of the sum of three hundred and sixty-five dollars and no cents, ($365.00), the following tract of land in Bayfield County:

To describe a parcel of land to be known as Lot eight (8) West in Government Lot one (1) in Section 19-T-47-N.R. 8- West in Bayfield County. Commencing at a point where the North and South one-sixteenth (1/16) line intercepts the East and West section line between Section 18 - 19 marked by an iron marker running South from said marker on the supposed one-sixteenth (1/16) line through Government Lot One (1) a distance of about four hundred and eight (408) feet six (6) inches to the corner of town road marked by an iron marker, thence West along said town road a distance of six hundred and forty(640) feet to an iron marker, thenceSouth along the lot line between Lots seven (7) and eight (8) a distance of about three hundred and twenty-five (325) feet marked by an iron marker at the shore line of Spider Lake,thenceWest one hundred (100) feet to an iron marker thence North about three

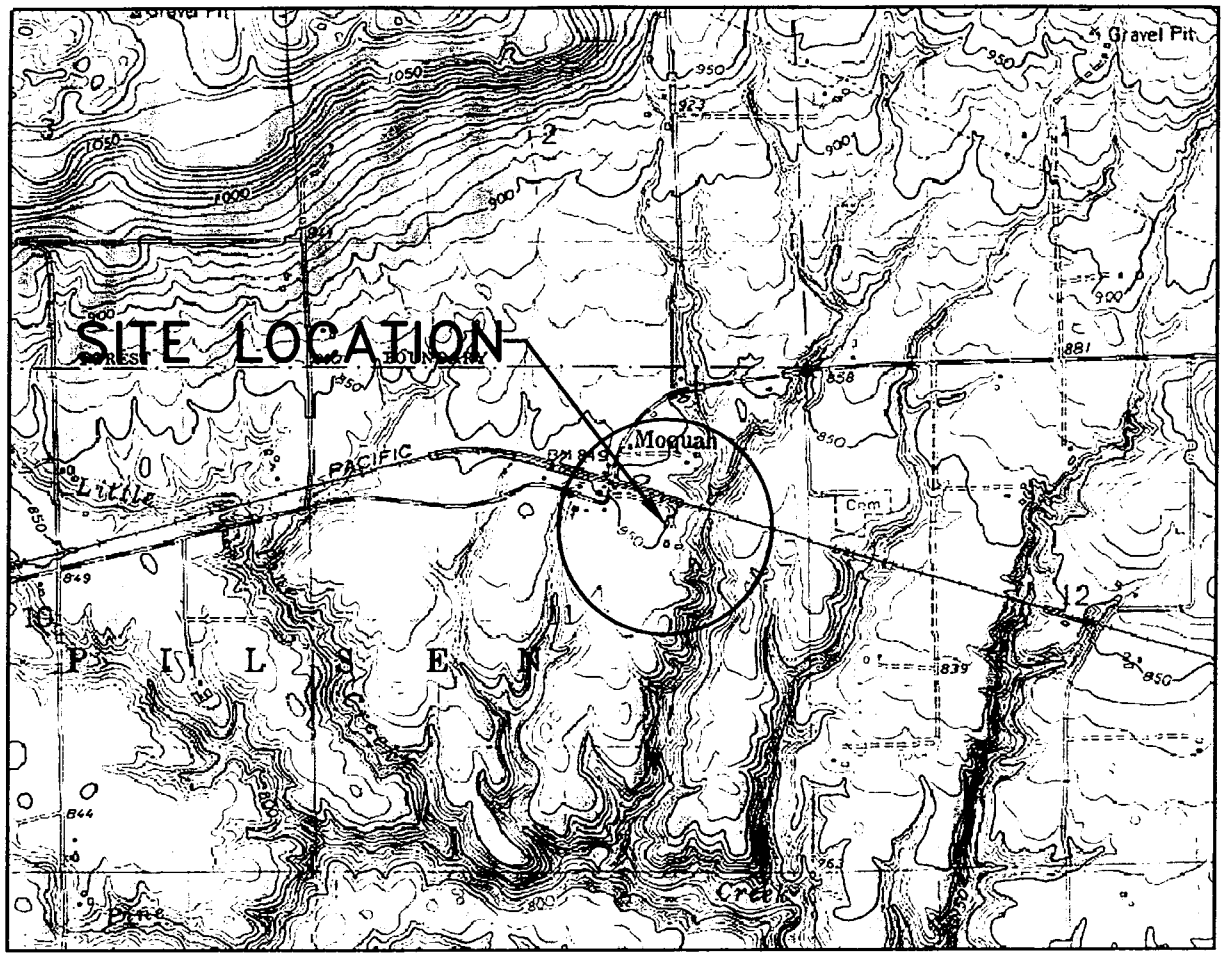
Map created Tue Dec 14 08:35:26 CST 2004

Legend

- Closed Remediation Sites
- Groundwater
- Soil
- Groundwater and Soil
- Offsource Contamination
- County Boundary
- 24K Open Water
- Municipalities

Scale: 1:3,267

DO NOT USE FOR NAVIGATION



SCALE IN FEET

1" = 2000'

0 1000 2000 3000 4000 5000 6000 7000 8000

N

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

LEGEND

○ BOUNDARY FOR WATER SUPPLY WELLS WITHIN A 1200' RADIUS OF SITE

■ PROBABLE LOCATION OF WATER SUPPLY WELLS

QUADRANGLE LOCATION

BASE MAP SOURCE: USGS MOQUAH, WISCONSIN 7.5 MINUTE QUADRANGLE, PHOTOREVISED 1975

DRAWN BY: BJF	PROJECT: TOP04-1109-0264	DATE: 2/26/99

REV. DATE

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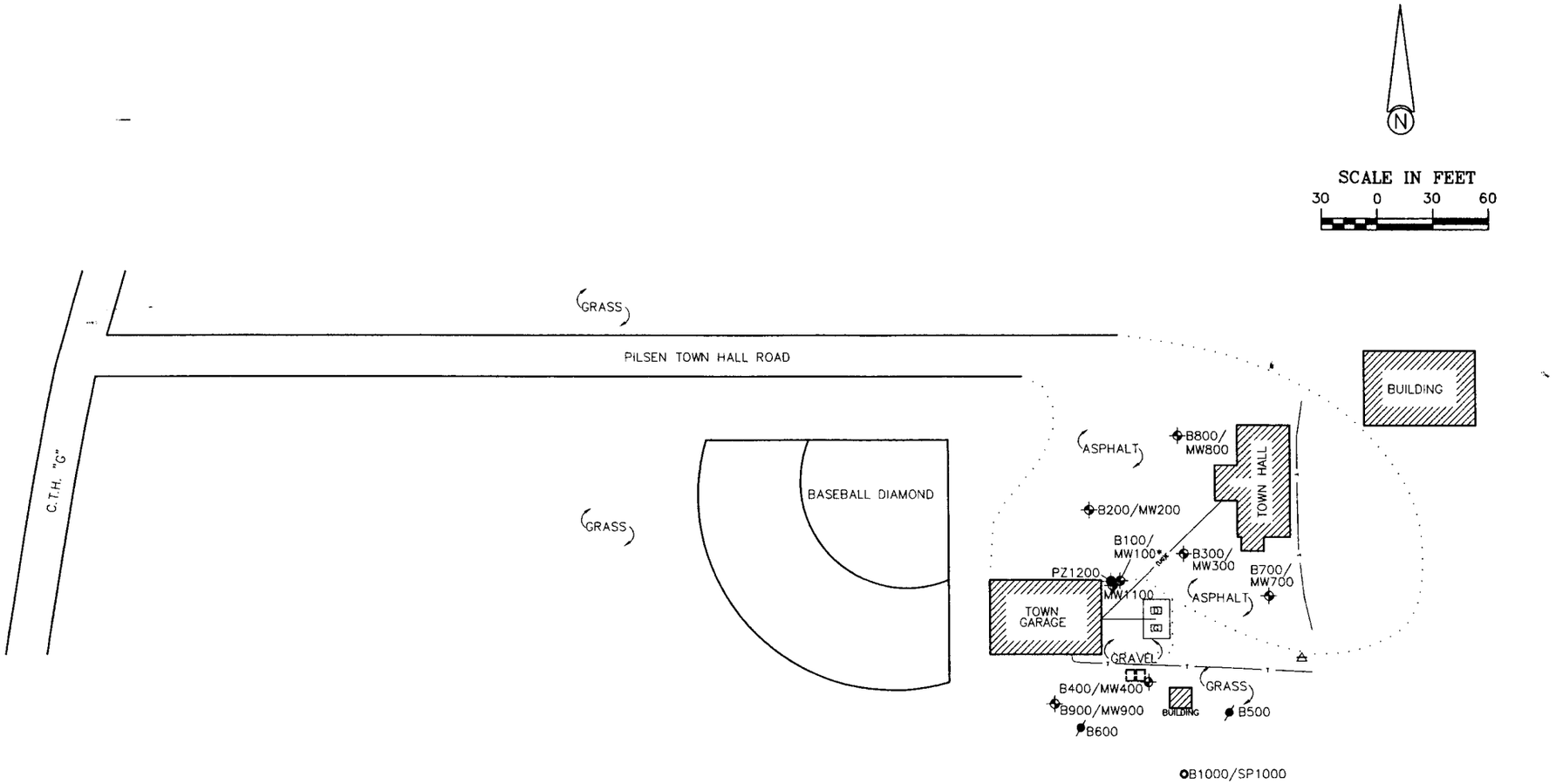
Northern Environmental℠
Hydrologists • Engineers • Geologists

FIGURE 1
SITE LOCATION AND LOCAL TOPOGRAPHY

TOWN OF PILSEN
MOQUAH, WISCONSIN
TOWN OF PILSEN



LEGEND

- SURFACE MATERIAL DIVISION
- PZ1200 — PIEZOMETER LOCATION
- B600 — SOIL BORING LOCATION
- B100/MW100* — SOIL BORING/MONITORING WELL LOCATION *=MONITORING WELL REMOVED 11/29/99
- B1000/SP1000 — SOIL BORING/SANDPOINT LOCATION
- FENCE LOCATION
- UNDERGROUND ELECTRIC LOCATION
- UNDERGROUND TELEPHONE LOCATION
- FORMER 500 GALLON UNDERGROUND STORAGE TANK (UST) LOCATION
- G — EXISTING ABOVEGROUND STORAGE TANK (AST) LOCATION
  - G= GASOLINE
  - D= DIESEL FUEL
- FORMER DISPENSER LOCATIONS
- PRIVATE POTABLE WELL LOCATION

SOIL BORING/MONITORING WELL/SANDPOINT LOCATIONS

TOWN OF PILSEN
23700 PILSEN TOWN HALL ROAD
MOQUAH, WISCONSIN 54806

PROJECT NUMBER: TOP04-1109-0264

FIGURE 2

Northern Environmental℠
Hydrologists • Engineers • Surveyors • Scientists
330 South 4th Avenue, Park Falls, Wisconsin 54552
Phone: 800-498-3913 Fax: 715-762-1844
WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

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.

CREATION DATE:	03/14/05
DRAWN BY:	NLB
REVISION DATE:	00/00/00

Table 3, Ground-Water Analytical Results, Town of Pilsen, Moquah, Wisconsin

Well ID	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/l)																									
						VOCs														PAHS								
			DRO	GRO	Lead	Benzene	sec-Butylbenzene	n-Butylbenzene	1,2-Dichloroethane	Di-isopropyl ether	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzenes	Xylenes	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(k)fluoranthene	Fluorene	1-Methyl naphthalene	2-Methyl naphthalene	Phenanthrene	Pyrene
WAC Preventive Action Limit (PAL) (µg/l)			NE	NE	1.5	0.5	NE	NE	0.5	NE	140	NE	NE	12	8	NE	200	96	1000	NE	600	NE	NE	80	NE	NE	NE	50
WAC Enforcement Standard (ES) (µg/l)			NE	NE	15	5	NE	NE	5	NE	700	NE	NE	60	40	NE	1000	480	10000	NE	3000	NE	NE	400	NE	NE	NE	250
MW100**	05/06/99	Yes	330	1700	<1	**24**	3.3	46	<0.36	<0.32	29	3.4	1.2	<0.31	*24*	11	190	*252*	500	---	---	---	---	---	---	---	---	---
	10/04/99	Yes	---	---	---	**1100**	---	---	---	---	*300*	---	---	<2.1	**150**	---	*570*	**610**	790	0.047"J"	0.12"	<0.047	<0.043	<0.14	1.5"J"	2.2	0.16"J"	<0.074
MW200	05/06/99	Yes	120	<100	<1	<0.32	<0.34	4	<0.36	<0.32	<0.34	<0.34	1.5	<0.31	0.89"J"	1	1.3	11	3.4	---	---	---	---	---	---	---	---	---
	10/04/99	Yes	---	---	---	<0.25	---	---	---	---	<0.32	---	---	<0.21	<0.73	---	<0.38	<0.70	<1.04	<0.042	0.12"J"	<0.047	0.076"J"	<0.14	<0.52	<0.66	0.2"J"	<0.074
	01/11/00	Yes	---	---	---	<0.32	---	---	---	---	<0.34	---	---	<0.31	---	---	<0.35	<0.99	<0.98	---	---	---	---	---	---	---	---	---
	04/10/00	Yes	---	---	---	<0.39	---	---	---	---	<0.40	---	---	<0.47	---	---	<0.37	<1.03	<1.43	---	---	---	---	---	---	---	---	---
	10/11/00	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
+	04/04/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/15/01	Yes	---	---	---	<0.30	---	---	---	---	<0.30	---	---	<0.30	---	---	<0.29	<0.60	<1.00	---	---	---	---	---	---	---	---	---
	04/09/02	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.90	<1.40	---	---	---	---	---	---	---	---	---
***	10/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/15/03	Yes	---	---	---	<0.30	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	10/07/03	Yes	---	---	---	<0.30	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	04/06/04	Yes	---	---	---	<0.14	---	---	---	---	<0.40	---	---	<0.36	---	---	<0.36	<0.79	<1.10	---	---	---	---	---	---	---	---	---
	10/07/04	Yes	---	---	---	<0.25	---	---	---	---	<0.22	---	---	<0.23	---	---	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---

Note

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

VOCs = Volatile Organic Compounds

ug/l = micrograms per liter

NE = Not established by Wisconsin Administrative Code (WAC)

300 = WAC Preventive Action Limit Exceeded

24 = WAC Enforcement Standard Exceeded

--- = Not analyzed

<x = Not detected above laboratory detection limit of x

"J" or * = Analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)

MTBE = Methyl Tert-Butyl Ether

PAHs = Polynuclear Aromatic Hydrocarbons

** = Replaced by MW1100

+ = frozen well

*** = well paved over

Table 3, Ground-Water Analytical Results, Town of Pilsen, Moquah, Wisconsin

Well ID	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/l)																									
						VOCs														PAHS								
			DRO	GRO	Lead	Benzene	sec-Butylbenzene	n-Butylbenzene	1,2-Dichloroethane	Di-Isopropyl ether	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzenes	Xylenes	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(k)fluoranthene	Fluorene	1-Methyl naphthalene	2-Methyl naphthalene	Phenanthrene	Pyrene
WAC Preventive Action Limit (PAL) (µg/l)			NE	NE	1.5	0.5	NE	NE	0.5	NE	140	NE	NE	12	8	NE	200	96	1000	NE	600	NE	NE	80	NE	NE	NE	50
WAC Enforcement Standard (ES) (µg/l)			NE	NE	15	5	NE	NE	5	NE	700	NE	NE	60	40	NE	1000	480	10000	NE	3000	NE	NE	400	NE	NE	NE	250
MW300	05/06/99	Yes	280	270	<1	**83**	1.1	5.8	**11**	<0.32	3.5	0.92"J"	0.64"J"	<0.31	1.2"J"	0.7"J"	0.37"J"	38	4.2	---	---	---	---	---	---	---	---	---
	10/04/99	Yes	---	---	---	**380**	---	---	---	---	14	---	---	<0.21	1.3"J"	---	<0.38	1.9	<1.04	<0.042	0.12	<0.047	<0.043	0.57	<0.52	<0.66	0.2"J"	<0.074
	01/11/00	Yes	---	---	---	**100**	---	---	---	---	6.5	---	---	<0.31	---	---	<0.35	5.4	0.94"J"	---	---	---	---	---	---	---	---	---
	04/10/00	Yes	---	---	---	**270**	---	---	---	---	14	---	---	<0.47	---	---	1.4	30.5	26.4	---	---	---	---	---	---	---	---	---
	10/11/00	Yes	---	---	---	**61**	---	---	---	---	7.1	---	---	<0.40	---	---	<0.40	13	<1.10	---	---	---	---	---	---	---	---	---
	04/04/01	Yes	---	---	---	**26**	---	---	---	---	2.0	---	---	<0.40	---	---	<0.40	3.3	<1.10	---	---	---	---	---	---	---	---	---
	10/15/01	Yes	---	---	---	**35**	---	---	---	---	<0.30	---	---	<0.30	---	---	0.33*	<0.60	0.74*	---	---	---	---	---	---	---	---	---
	04/09/02	Yes	---	---	---	**7.5**	---	---	---	---	1.2*	---	---	<0.40	---	---	<0.40	2.3	<1.40	---	---	---	---	---	---	---	---	---
***	10/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/15/03	Yes	---	---	---	**5.8**	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	10/07/03	Yes	---	---	---	**6.1**	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	2.2	<1.84	---	---	---	---	---	---	---	---	---
	04/06/04	Yes	---	---	---	**1.4**	---	---	---	---	<0.40	---	---	<0.36	---	---	<0.36	<0.79	<1.10	---	---	---	---	---	---	---	---	---
	10/07/04	Yes	---	---	---	*1.0*	---	---	---	---	<0.22	---	---	<0.23	---	---	<0.11	0.54	0.39	---	---	---	---	---	---	---	---	---
MW400	05/06/99	Yes	1100	3500	<1	**230**	<3.4	15	<3.6	<3.2	93	<3.4	<3.1	<3.1	*30*	12	**1300**	*233*	890	---	---	---	---	---	---	---	---	---
	10/04/99	Yes	---	---	---	**14**	---	---	---	---	3.9	---	---	<0.21	5.3	---	1.7	46.5	17.7	<0.042	0.12"J"	0.16"J"	0.088"J"	<0.14	<0.52	<0.66	0.17"J"	0.11"J"
	01/11/00	Yes	---	---	---	*3.7*	---	---	---	---	<0.34	---	---	<0.31	---	---	<0.35	<0.99	<0.98	---	---	---	---	---	---	---	---	---
	04/10/00	Yes	---	---	---	**11**	---	---	---	---	3.1	---	---	<0.47	1.8"J"	---	0.39"J"	20	20.2	---	---	---	---	---	---	---	---	---
	10/11/00	Yes	---	---	---	*3.8*	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	5.3	<1.10	---	---	---	---	---	---	---	---	---
	04/04/01	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
	10/15/01	Yes	---	---	---	*1.2*	---	---	---	---	<0.30	---	---	<0.30	---	---	<0.29	1.0	<1.00	---	---	---	---	---	---	---	---	---
	04/09/02	Yes	---	---	---	*2.3*	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	2.2	<1.40	---	---	---	---	---	---	---	---	---
	10/09/02	Yes	---	---	---	*1.4*	---	---	---	---	<0.82	---	---	<0.43	---	---	<0.68	1.0"J"	<2.47	---	---	---	---	---	---	---	---	---
*	04/15/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/07/03	Yes	---	---	---	*0.80"J"*	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	04/06/04	Yes	---	---	---	<0.14	---	---	---	---	<0.40	---	---	<0.36	---	---	<0.36	<0.79	<1.10	---	---	---	---	---	---	---	---	---
	10/07/04	Yes	---	---	---	<0.25	---	---	---	---	<0.22	---	---	<0.23	---	---	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---

Note

DRO = Diesel Range Organics

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300 = WAC Preventive Action Limit Exceeded

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Well ID	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/l)																									
						VOCs														PAHS								
			DRO	GRO	Lead	Benzene	sec-Butylbenzene	n-Butylbenzene	1,2-Dichloroethane	Di-Isopropyl ether	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzenes	Xylenes	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(k)fluoranthene	Fluorene	1-Methyl naphthalene	2-Methyl naphthalene	Phenanthrene	Pyrene
WAC Preventive Action Limit (PAL) (µg/l)			NE	NE	1.5	0.5	NE	NE	0.5	NE	140	NE	NE	12	8	NE	200	96	1000	NE	600	NE	NE	80	NE	NE	NE	50
WAC Enforcement Standard (ES) (µg/l)			NE	NE	15	5	NE	NE	5	NE	700	NE	NE	60	40	NE	1000	480	10000	NE	3000	NE	NE	400	NE	NE	NE	250
MW700	08/02/99	Yes	—	---	<1	<0.32	<0.34	<0.23	<0.36	<0.32	<0.34	<0.34	<0.31	<0.31	<0.88	<0.3	<0.35	<0.99	<0.98	<0.042	<0.037	<0.047	0.074"J"	<0.14	<0.52	<0.66	<0.12	<0.074
	10/04/99	Yes	—	---	—	<0.25	—	---	---	---	<0.32	---	---	<0.21	<0.73	---	<0.38	<0.70	<1.04	<0.042	0.11"J"	<0.047	<0.043	<0.14	<0.52	<0.66	0.15"J"	<0.074
	01/11/00	Yes	---	---	—	<0.32	---	---	---	---	<0.34	---	---	<0.31	---	—	<0.35	<0.99	<0.98	---	---	---	---	---	---	---	---	—
	04/10/00	Yes	—	---	—	<0.39	---	---	---	---	<0.4	—	---	<0.47	---	—	<0.37	<1.03	<1.43	---	—	---	—	---	---	---	—	---
	10/11/00	Yes	---	---	—	<0.40	---	—	—	---	<0.40	---	---	<0.40	---	—	<0.40	<0.80	<1.10	---	—	---	---	---	---	---	---	---
	04/04/01	Yes	---	—	—	<0.40	---	—	—	—	<0.40	---	---	<0.40	—	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
	10/15/01	Yes	---	---	---	<0.30	—	—	—	---	<0.30	---	---	<0.30	—	---	<0.29	<0.60	<1.00	---	---	---	---	---	---	---	---	---
	04/09/02	Yes	---	—	---	<0.40	---	—	—	---	<0.40	---	—	<0.40	---	---	<0.40	<0.90	<1.40	---	---	---	---	---	---	---	---	—
	10/09/02	Yes	---	—	—	<0.45	—	---	—	---	<0.82	---	—	<0.43	---	—	<0.68	<1.86	<2.47	---	---	---	---	---	---	---	---	---
*	04/15/03	—	---	---	---	---	---	—	---	---	---	---	---	---	---	—	---	---	---	---	---	---	---	---	---	---	---	---
	10/07/03	Yes	---	---	—	<0.30	---	---	---	---	<0.60	—	—	<0.58	—	---	<0.58	<1.18	<1.84	—	—	---	---	---	---	---	---	---
	04/06/04	Yes	---	---	---	<0.14	---	---	---	---	<0.40	---	---	<0.36	---	---	<0.36	<0.79	<1.10	---	---	---	---	---	---	---	---	---
	10/07/04	Yes	---	---	---	<0.25	---	---	---	---	<0.22	---	---	<0.23	---	—	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---
MW800	07/13/99	Yes	110	<100	<1	<0.32	<0.34	<0.23	<0.36	<0.32	<0.34	<0.34	<0.3	<0.31	<0.88	<0.3	<0.35	<0.99	<0.98	---	---	---	---	---	---	---	---	—
	10/04/99	Yes	---	---	---	<0.25	---	---	---	---	<0.32	---	---	<0.21	<0.73	---	<0.38	<0.70	<1.04	<0.042	0.15	<0.047	<0.043	<0.14	<0.52	<0.66	0.21"J"	0.085"J"
	01/11/00	Yes	---	---	---	<0.32	---	---	---	---	<0.34	---	---	<0.31	---	—	<0.35	<0.99	<0.98	---	---	---	---	---	---	---	---	---
	04/10/00	Yes	---	---	---	<0.39	---	---	---	---	<0.4	—	---	<0.47	---	---	<0.37	<1.03	<1.43	---	---	---	---	---	---	---	---	---
	10/11/00	Yes	---	---	—	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	—	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
	04/04/01	Yes	---	---	---	<0.40	—	---	—	—	<0.40	---	—	<0.40	—	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
	10/15/01	Yes	---	---	---	<0.30	---	---	---	---	<0.30	—	---	<0.30	—	—	<0.29	<0.60	<1.00	---	—	---	---	---	---	---	---	---
	04/09/02	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.90	<1.40	---	---	---	---	---	---	---	---	---
	10/09/02	Yes	---	---	---	<0.45	---	---	---	---	<0.82	---	---	<0.43	—	—	<0.68	<1.86	<2.47	---	---	---	---	---	---	---	---	---
	04/15/03	Yes	---	---	---	<0.30	---	---	---	---	<0.60	---	---	<0.58	---	—	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	10/07/03	Yes	---	—	—	<0.30	---	---	---	---	<0.60	---	---	<0.58	---	—	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
*	04/06/04	—	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	---	---	---	—	---	---	---	---	---	---	---
	10/07/04	Yes	---	---	---	<0.25	---	---	---	---	<0.22	---	---	<0.23	---	---	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---

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			DRO	GRO	Lead	Benzene	sec-Butylbenzene	n-Butylbenzene	1,2-Dichloroethane	Di-isopropyl ether	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzenes	Xylenes	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(k)fluoranthene	Fluorene	1-Methyl naphthalene	2-Methyl naphthalene	Phenanthrene	Pyrene
WAC Preventive Action Limit (PAL) (µg/l)			NE	NE	1.5	0.5	NE	NE	0.5	NE	140	NE	NE	12	8	NE	200	96	1000	NE	600	NE	NE	80	NE	NE	NE	50
WAC Enforcement Standard (ES) (µg/l)			NE	NE	15	5	NE	NE	5	NE	700	NE	NE	60	40	NE	1000	480	10000	NE	3000	NE	NE	400	NE	NE	NE	250
MW900	08/02/99	Yes	---	---	---	<0.32	<0.34	<0.23	<0.36	<0.32	<0.34	<0.34	<0.31	<0.31	<0.88	<0.3	<0.35	<0.99	<0.98	---	---	---	---	---	---	---	---	---
	10/04/99	Yes	---	---	---	<0.25	---	---	---	---	<0.32	---	---	<0.21	<0.73	---	<0.38	<0.70	<1.04	<0.042	1.4	0.19	<0.043	<0.14	<0.52	<0.66	0.22"J"	1.9
	01/11/00	Yes	---	---	---	<0.32	---	---	---	---	<0.34	---	---	<0.31	---	---	<0.35	<0.99	<0.98	---	---	---	---	---	---	---	---	---
	04/10/00	Yes	---	---	---	<0.39	---	---	---	---	<0.4	---	---	<0.47	---	---	<0.37	<1.03	<1.43	---	---	---	---	---	---	---	---	---
	10/11/00	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
	04/04/01	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
	10/15/01	Yes	---	---	---	<0.30	---	---	---	---	<0.30	---	---	<0.30	---	---	<0.29	<0.60	<1.00	---	---	---	---	---	---	---	---	---
	04/09/02	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.90	<1.40	---	---	---	---	---	---	---	---	---
	10/09/02	Yes	---	---	---	<0.45	---	---	---	---	<0.82	---	---	<0.43	---	---	<0.68	<1.86	<2.47	---	---	---	---	---	---	---	---	---
	04/15/03	Yes	---	---	---	<0.30	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	10/07/03	Yes	---	---	---	<0.30	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	04/06/04	Yes	---	---	---	<0.14	---	---	---	---	<0.40	---	---	<0.36	---	---	<0.36	<0.79	<1.10	---	---	---	---	---	---	---	---	---
	10/07/04	Yes	---	---	---	<0.25	---	---	---	---	<0.22	---	---	<0.23	---	---	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---

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WAC Preventive Action Limit (PAL) (µg/l)			NE	NE	1.5	0.5	NE	NE	0.5	NE	140	NE	NE	12	8	NE	200	96	1000	NE	600	NE	NE	80	NE	NE	NE	50
WAC Enforcement Standard (ES) (µg/l)			NE	NE	15	5	NE	NE	5	NE	700	NE	NE	60	40	NE	1000	480	10000	NE	3000	NE	NE	400	NE	NE	NE	250
SP1000	08/02/99	Yes	---	---	<1	<0.32	<0.34	<0.23	<0.36	<0.32	<0.34	<0.34	<0.31	<0.31	<0.88	<0.3	<0.35	<0.99	<0.98	<0.042	<0.037	<0.047	0.1*J*	<0.14	<0.52	<0.66	0.24*J*	<0.074
	10/04/99	Yes	---	---	---	<0.25	---	---	---	---	<0.32	---	---	<0.21	<0.73	---	<0.38	<0.70	<1.04	<0.13	0.36	<0.14	0.24*J*	<0.42	<1.6	<2	0.65*J*	<0.22
	01/11/00	Yes	---	---	---	<0.32	---	---	---	---	<0.34	---	---	<0.31	---	---	<0.35	<0.99	<0.98	---	---	---	---	---	---	---	---	---
	04/10/00	Yes	---	---	---	<0.39	---	---	---	---	<0.4	---	---	<0.47	---	---	<0.37	<1.03	<1.43	---	---	---	---	---	---	---	---	---
	10/11/00	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
	04/04/01	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
	10/15/01	Yes	---	---	---	<0.30	---	---	---	---	0.33*	---	---	<0.30	---	---	<0.29	0.37*	<1.00	---	---	---	---	---	---	---	---	---
	04/09/02	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.90	<1.40	---	---	---	---	---	---	---	---	---
	10/09/02	Yes	---	---	---	<0.45	---	---	---	---	<0.82	---	---	<0.43	---	---	<0.68	<1.86	<2.47	---	---	---	---	---	---	---	---	---
	04/15/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/07/03	Yes	---	---	---	<0.30	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	04/06/04	Yes	---	---	---	<0.14	---	---	---	---	<0.40	---	---	<0.36	---	---	<0.36	<0.79	<1.10	---	---	---	---	---	---	---	---	---
	10/07/04	Yes	---	---	---	<0.25	---	---	---	---	<0.22	---	---	<0.23	---	---	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---
MW1100	01/11/00	Yes	---	---	---	**140**	---	---	---	---	<3.4	---	---	<3.1	---	---	13	*311*	820	---	---	---	---	---	---	---	---	---
	04/10/00	Yes	---	---	---	**180**	---	---	---	---	20	---	---	<4.7	*13*J*	---	*630*	*295*	*2330*	---	---	---	---	---	---	---	---	---
	10/11/00	Yes	---	---	---	**330**	---	---	---	---	*240*	---	---	<40	**600**	---	*600*	**2580**	*6300*	---	---	---	---	---	---	---	---	---
	04/04/01	Yes	---	---	---	**440**	---	---	---	---	98	---	---	1.5	**180**	---	40	*410*	410	---	---	---	---	---	---	---	---	---
	10/15/01	Yes	---	---	---	**300**	---	---	---	---	*220*	---	---	<30	**620**	---	*480*	**2200**	*2800*	---	---	---	---	---	---	---	---	---
	04/09/02	Yes	---	---	---	**85**	---	---	---	---	51	---	---	<8.0	**75***	---	*200*	**530**	910	---	---	---	---	---	---	---	---	---
	10/09/02	Yes	---	---	---	**390**	---	---	---	---	*160*	---	---	<2.1	**240**	---	*450*	**740**	*1630*	---	---	---	---	---	---	---	---	---
	04/15/03	Yes	---	---	---	**20**	---	---	---	---	84	---	---	<5.8	**370**	---	*370*	**2600**	*2300*	---	---	---	---	---	---	---	---	---
	10/07/03	Yes	---	---	---	**130**	---	---	---	---	130	---	---	1.7*J*	**340**	---	8.6	*450*	330	---	---	---	---	---	---	---	---	---
	04/06/04	Yes	---	---	---	**12**	---	---	---	---	13	---	---	<0.36	*15*	---	63	*146*	172	---	---	---	---	---	---	---	---	---
	10/07/04	Yes	---	---	---	**64**	---	---	---	---	52	---	---	<0.48	**48**	---	8.5	92	130	---	---	---	---	---	---	---	---	---

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Well ID	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/l)																									
						VOCs														PAHS								
			DRO	GRO	Lead	Benzene	sec-Butylbenzene	n-Butylbenzene	1,2-Dichloroethane	Di-isopropyl ether	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzenes	Xylenes	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(k)fluoranthene	Fluorene	1-Methyl naphthalene	2-Methyl naphthalene	Phenanthrene	Pyrene
WAC Preventive Action Limit (PAL) (µg/l)			NE	NE	1.5	0.5	NE	NE	0.5	NE	140	NE	NE	12	8	NE	200	96	1000	NE	600	NE	NE	80	NE	NE	NE	50
WAC Enforcement Standard (ES) (µg/l)			NE	NE	15	5	NE	NE	5	NE	700	NE	NE	60	40	NE	1000	480	10000	NE	3000	NE	NE	400	NE	NE	NE	250
PZ1200	01/11/00	Yes	---	---	---	<0.32	---	---	---	---	<0.34	---	---	<0.31	---	---	<0.35	5.2	4.4	---	---	---	---	---	---	---	---	---
	04/10/00	Yes	---	---	---	<0.39	---	---	---	---	<0.4	---	---	<0.47	---	---	<0.37	<1.03	<1.43	---	---	---	---	---	---	---	---	---
	10/11/00	Yes	---	---	---	**8.2**	---	---	---	---	1.1*	---	---	<0.40	---	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
+	04/04/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/15/01	Yes	---	---	---	**8.3**	---	---	---	---	4.5	---	---	<0.30	---	---	<0.29	0.32*	<1.00	---	---	---	---	---	---	---	---	---
+	04/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	10/09/02	Yes	---	---	---	**9.9**	---	---	---	---	5.9	---	---	<0.43	1.4"J"	---	<0.68	5.0	1.9"J"	---	---	---	---	---	---	---	---	---
	04/15/03	Yes	---	---	---	0.37"J"	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	10/07/03	Yes	---	---	---	**4.4**	---	---	---	---	3	---	---	<0.58	---	---	<0.58	1.7"J"	1.3"J"	---	---	---	---	---	---	---	---	---
	04/06/04	Yes	---	---	---	0.30"J"	---	---	---	---	<0.40	---	---	<0.36	---	---	<0.36	<0.79	<1.10	---	---	---	---	---	---	---	---	---
	10/07/04	Yes	---	---	---	1.1	---	---	---	---	1.1	---	---	<0.23	---	---	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---
PW-1	05/11/99	Yes	---	---	<1	<0.32	<0.34	<0.23	<0.36	<0.32	<0.34	<0.34	<0.31	<0.31	<0.88	<0.3	<0.35	<0.99	<0.98	<0.042	<0.037	<0.047	<0.043	<0.14	<0.52	<0.66	<0.058	<0.074
	10/04/99	Yes	---	---	---	<0.25	---	---	---	---	<0.32	---	---	<0.21	<0.73	---	<0.38	<0.70	<1.04	---	---	---	---	---	---	---	---	---
	01/11/00	Yes	---	---	---	<0.32	---	---	---	---	<0.34	---	---	<0.31	---	---	<0.35	<0.99	<0.98	---	---	---	---	---	---	---	---	---
	04/10/00	Yes	---	---	---	<0.39	---	---	---	---	<0.4	---	---	<0.47	---	---	<0.37	<1.03	<1.43	---	---	---	---	---	---	---	---	---
	10/11/00	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
	04/04/01	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
	10/15/01	Yes	---	---	---	<0.30	---	---	---	---	<0.30	---	---	<0.30	---	---	<0.29	<0.60	<1.00	---	---	---	---	---	---	---	---	---
	04/09/02	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.90	<1.40	---	---	---	---	---	---	---	---	---
	10/09/02	Yes	---	---	---	<0.45	---	---	---	---	<0.82	---	---	<0.43	---	---	<0.68	<1.86	<2.47	---	---	---	---	---	---	---	---	---
	04/15/03	Yes	---	---	---	<0.30	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	10/07/03	Yes	---	---	---	<0.30	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	04/06/04	Yes	---	---	---	<0.14	---	---	---	---	<0.40	---	---	<0.36	---	---	<0.36	<0.79	<1.10	---	---	---	---	---	---	---	---	---
	10/07/04	Yes	---	---	---	<0.25	---	---	---	---	<0.22	---	---	<0.23	---	---	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---

Note

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

VOCs = Volatile Organic Compounds

ug/l = micrograms per liter

NE = Not established by Wisconsin Administrative Code (WAC)

300 = WAC Preventive Action Limit Exceeded

24 = WAC Enforcement Standard Exceeded

--- = Not analyzed

<x = Not detected above laboratory detection limit of x

"J" or * = Analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)

MTBE = Methyl Tert-Butyl Ether

PAHs = Polynuclear Aromatic Hydrocarbons

** = Replaced by MW1100

+ = frozen well

*** = well paved over

Table 3, Ground-Water Analytical Results, Town of Pilsen, Moquah, Wisconsin

Well ID	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/l)																									
						VOCs														PAHS								
			DRO	GRO	Lead	Benzene	sec-Butylbenzene	n-Butylbenzene	1,2-Dichloroethane	Di-Isopropyl ether	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzenes	Xylenes	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(k)fluoranthene	Fluorene	1-Methyl naphthalene	2-Methyl naphthalene	Phenanthrene	Pyrene
WAC Preventive Action Limit (PAL) (µg/l)			NE	NE	1.5	0.5	NE	NE	0.5	NE	140	NE	NE	12	8	NE	200	96	1000	NE	600	NE	NE	80	NE	NE	NE	50
WAC Enforcement Standard (ES) (µg/l)			NE	NE	15	5	NE	NE	5	NE	700	NE	NE	60	40	NE	1000	480	10000	NE	3000	NE	NE	400	NE	NE	NE	250
Duplicate (MW100)	05/06/99	Yes	---	1800	---	**22**	2.9	39	<0.36	0.77"J"	23	3	1"J"	<0.31	*20*	8.9	180	*223*	440	---	---	---	---	---	---	---	---	---
	10/04/99	Yes	---	---	---	**1200**	---	---	---	---	*320*	---	---	<2.1	**100**	---	*610*	**610**	680	---	---	---	---	---	---	---	---	---
Duplicate (MW700)	08/02/99	Yes	---	---	---	<0.32	<0.34	<0.23	<0.36	<0.32	<0.34	<0.34	<0.31	<0.31	<0.88	<0.3	<0.35	<0.99	<0.98	---	---	---	---	---	---	---	---	---
Duplicate (MW1100)	10/11/00	Yes	---	---	---	**290**	---	---	---	---	*230*	---	---	<8.0	---	---	*540*	**2300**	*5400*	---	---	---	---	---	---	---	---	---
	04/04/01	Yes	---	---	---	**430**	---	---	---	---	94	---	---	3.0	---	---	41	*420*	420	---	---	---	---	---	---	---	---	---
	04/09/02	Yes	---	---	---	**84**	---	---	---	---	49	---	---	<8.0	---	---	*200*	**480**	470	---	---	---	---	---	---	---	---	---
	04/15/03	Yes	---	---	---	**17**	---	---	---	---	75	---	---	<5.8	---	---	*340*	**2600**	*2100*	---	---	---	---	---	---	---	---	---
	10/07/03	Yes	---	---	---	**140**	---	---	---	---	130	---	---	<1.4	---	---	11	**570**	370	---	---	---	---	---	---	---	---	---
	04/06/04	Yes	---	---	---	**13**	---	---	---	---	14	---	---	<0.36	---	---	67	*152*	176	---	---	---	---	---	---	---	---	---
	10/07/04	Yes	---	---	---	**64**	---	---	---	---	52	---	---	<0.43	---	---	8.6	89	120	---	---	---	---	---	---	---	---	---
Duplicate (PZ1200)	01/11/00	Yes	---	---	---	<0.32	---	---	---	---	<0.34	---	---	<0.31	---	---	<0.35	5.4	4.4	---	---	---	---	---	---	---	---	---
	04/10/00	Yes	---	---	---	<0.39	---	---	---	---	<0.4	---	---	<0.47	---	---	<0.37	<1.03	<1.43	---	---	---	---	---	---	---	---	---
	10/15/01	Yes	---	---	---	**8.2**	---	---	---	---	4.5	---	---	<0.30	---	---	0.29*	0.33*	<1.00	---	---	---	---	---	---	---	---	---
	10/09/02	Yes	---	---	---	**11**	---	---	---	---	6.6	---	---	<0.43	---	---	<0.68	5.8	2.2"J"	---	---	---	---	---	---	---	---	---

Note

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

VOCs = Volatile Organic Compounds

ug/l = micrograms per liter

NE = Not established by Wisconsin Administrative Code (WAC)

300 = WAC Preventive Action Limit Exceeded

24 = WAC Enforcement Standard Exceeded

--- = Not analyzed

<x = Not detected above laboratory detection limit of x

"J" or * = Analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)

MTBE = Methyl Tert-Butyl Ether

PAHs = Polynuclear Aromatic Hydrocarbons

** = Replaced by MW1100

* = frozen well

*** = well paved over

Table 3, Ground-Water Analytical Results, Town of Pilsen, Moquah, Wisconsin

Well ID	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/l)																										
						VOCs														PAHS									
			DRO	GRO	Lead	Benzene	sec-Butylbenzene	n-Butylbenzene	1,2-Dichloroethane	Di-Isopropyl ether	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzenes	Xylenes	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(k)fluoranthene	Fluorene	1-Methyl naphthalene	2-Methyl naphthalene	Phenanthrene	Pyrene
WAC Preventive Action Limit (PAL) (µg/l)			NE	NE	1.5	0.5	NE	NE	0.5	NE	140	NE	NE	12	8	NE	200	96	1000	NE	600	NE	NE	80	NE	NE	NE	50
WAC Enforcement Standard (ES) (µg/l)			NE	NE	15	5	NE	NE	5	NE	700	NE	NE	60	40	NE	1000	480	10000	NE	3000	NE	NE	400	NE	NE	NE	250
Trip	05/06/99	Yes	---	---	---	<0.32	<0.34	<0.23	<0.36	<0.32	<0.34	<0.34	<0.31	<0.31	<0.88	<0.3	<0.35	<0.99	<0.98	---	---	---	---	---	---	---	---	---
	07/13/99	Yes	---	---	---	<0.32	---	---	---	---	<0.34	---	---	<0.31	---	---	<0.35	<0.99	<1	---	---	---	---	---	---	---	---	---
	08/02/99	Yes	---	---	---	<0.32	---	---	---	---	<0.34	---	---	<0.31	---	---	<0.35	<0.99	<1	---	---	---	---	---	---	---	---	---
	10/04/99	Yes	---	---	---	<0.25	---	---	---	---	<0.32	---	---	<0.21	---	---	<0.38	<0.70	<1.04	---	---	---	---	---	---	---	---	---
	01/11/00	Yes	---	---	---	<0.32	---	---	---	---	<0.34	---	---	<0.31	---	---	<0.35	<0.99	<0.98	---	---	---	---	---	---	---	---	---
	04/10/00	Yes	---	---	---	<0.39	---	---	---	---	<0.4	---	---	<0.47	---	---	<0.37	<1.03	<1.43	---	---	---	---	---	---	---	---	---
	10/11/00	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
	04/04/01	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.80	<1.10	---	---	---	---	---	---	---	---	---
	10/15/01	Yes	---	---	---	<0.30	---	---	---	---	<0.30	---	---	<0.30	---	---	<0.29	<0.60	<1.00	---	---	---	---	---	---	---	---	---
	04/09/02	Yes	---	---	---	<0.40	---	---	---	---	<0.40	---	---	<0.40	---	---	<0.40	<0.90	<1.40	---	---	---	---	---	---	---	---	---
	10/09/02	Yes	---	---	---	<0.45	---	---	---	---	<0.82	---	---	<0.43	---	---	<0.68	<1.86	<2.47	---	---	---	---	---	---	---	---	---
	04/15/03	Yes	---	---	---	<0.30	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	10/07/03	Yes	---	---	---	<0.30	---	---	---	---	<0.60	---	---	<0.58	---	---	<0.58	<1.18	<1.84	---	---	---	---	---	---	---	---	---
	04/06/04	Yes	---	---	---	<0.14	---	---	---	---	<0.40	---	---	<0.36	---	---	<0.36	<0.79	<1.10	---	---	---	---	---	---	---	---	---
	10/07/04	Yes	---	---	---	<0.25	---	---	---	---	<0.22	---	---	<0.23	---	---	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---

Note

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

VOCs = Volatile Organic Compounds

ug/l = micrograms per liter

NE = Not established by Wisconsin Administrative Code (WAC)

300 = WAC Preventive Action Limit Exceeded

24 = WAC Enforcement Standard Exceeded

--- = Not analyzed

<x = Not detected above laboratory detection limit of x

"J" or * = Analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)

MTBE = Methyl Tert-Butyl Ether

PAHs = Polynuclear Aromatic Hydrocarbons

** = Replaced by MW1100

+ = frozen well

*** = well paved over

Table 2, Site Investigation Soil Analytical Results, Town of Pilsen, Moquah, Wisconsin

Boring Number	Sample Number	Sample Depth (feet)	Date Sampled	Relevant and Significant Analytical Results														
							VOCs (µg/kg)											
				Lead (mg/kg)	DRO (mg/kg)	GRO (mg/kg)	Benzene	n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
WAC Chapter NR 720 RCLs				50	100	100	5.5	NE	NE	2900	NE	NE	NE	NE	1500	NE	NE	4100
NR 746/WDComm 46 Table 2 Values				NE	NE	NE	1100	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
NR 746/WDComm 46 Table 1 Values				NE	NE	NE	8500	NE	NE	4600	NE	NE	2700	NE	38000	83000	11000	42000
B100	S101	2.5-4.5	05/04/99	**86**	**5300**	**3000**	**9000**	110000	9000	**51000**	7700	<2500	44000	40000	**170000**	260000	92000	**550000**
	S103	7.5-9.5	05/04/99	17"J"	<10	<10	**630**	100	<25	180	<25	<25	59	74	**43**	370	100	850
	S107	17.5-19.5	05/04/99	15"J"	<10	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
B200	S201	2.5-4.5	05/04/99	16"J"	<10	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
	S203	7.5-9.5	05/04/99	16"J"	<10	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
B300	S301	2.5-4.5	05/04/99	17"J"	<10	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
	S302	5-7	05/04/99	21	<10	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
B400	S401	2.5-4.5	05/04/99	8"J"	<10	<10	<25	28	<25	<25	<25	<25	<25	<25	35	49	28	128
	S403	7.5-9.5	05/04/99	25	<10	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
B500	S501	2.5-4.5	05/04/99	22	<10	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
	S504	10-12	05/04/99	22	<10	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
B600	S601	2.5-4.5	05/04/99	6.7"J"	<10	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
	S604	10-12	05/04/99	24	<10	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
B1200	S1201	28-30	01/04/00	---	<10	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75

Note:

VOCs = Volatile Organic Compounds

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

mg/kg = milligrams per kilogram

µg/kg = micrograms per kilogram

NE = Not Established by Wisconsin Administrative Code (WAC) Chapter NR 720, Chapter NR 746 or Wisconsin Department of Commerce (WDComm) Chapter 46

86 = WAC Chapter NR 720 Residual Contaminant Level (RCL) Exceeded

NR = Natural Resources

<x = not detected above laboratory detection limit of x

"J" = analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)

Table 6, Remedial Excavation Soil Analytical Results, Town of Pilsen, Moquah, Wisconsin

Sample Number	Sample Depth (feet)	Date Sampled	Relevant and Significant Analytical Results								
					VOCs (µg/kg)						
			DRO (mg/kg)	GRO (mg/kg)	Benzene	Ethyl benzene	MTBE	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
WAC Chapter NR 720 RCLs			250	250	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
S7	3	11/29/99	<10	<10	<25	<25	<25	<25	<25	<25	<50
S10	3	11/29/99	<10	<10	<25	<25	<25	<25	49	<25	<50
S12	9	11/29/99	<10	<10	<25	170	<25	<25	410	<25	310
S13	10	11/29/99	<10	<10	<25	<25	<25	<25	<25	<25	<50
S25	9	11/29/99	<10	<10	**29**	<25	<25	<25	<25	<25	<50
S28	3	11/29/99	<10	<10	<25	<25	<25	<10	26	<25	<50
S29	6	11/29/99	<10	<10	<25	29	<25	40	140	43	170
S31	10	11/29/99	<10	<10	<25	<25	<25	<25	<25	<25	<50

Landfill Samples

S1*	3	11/29/99	**1500**	76	**280**	390	<25	1400	1400	610	2200

Note

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

VOCs = Volatile Organic Compounds

MTBE = Methyl Tert-Butyl-Ether

mg/kg = milligrams per kilogram

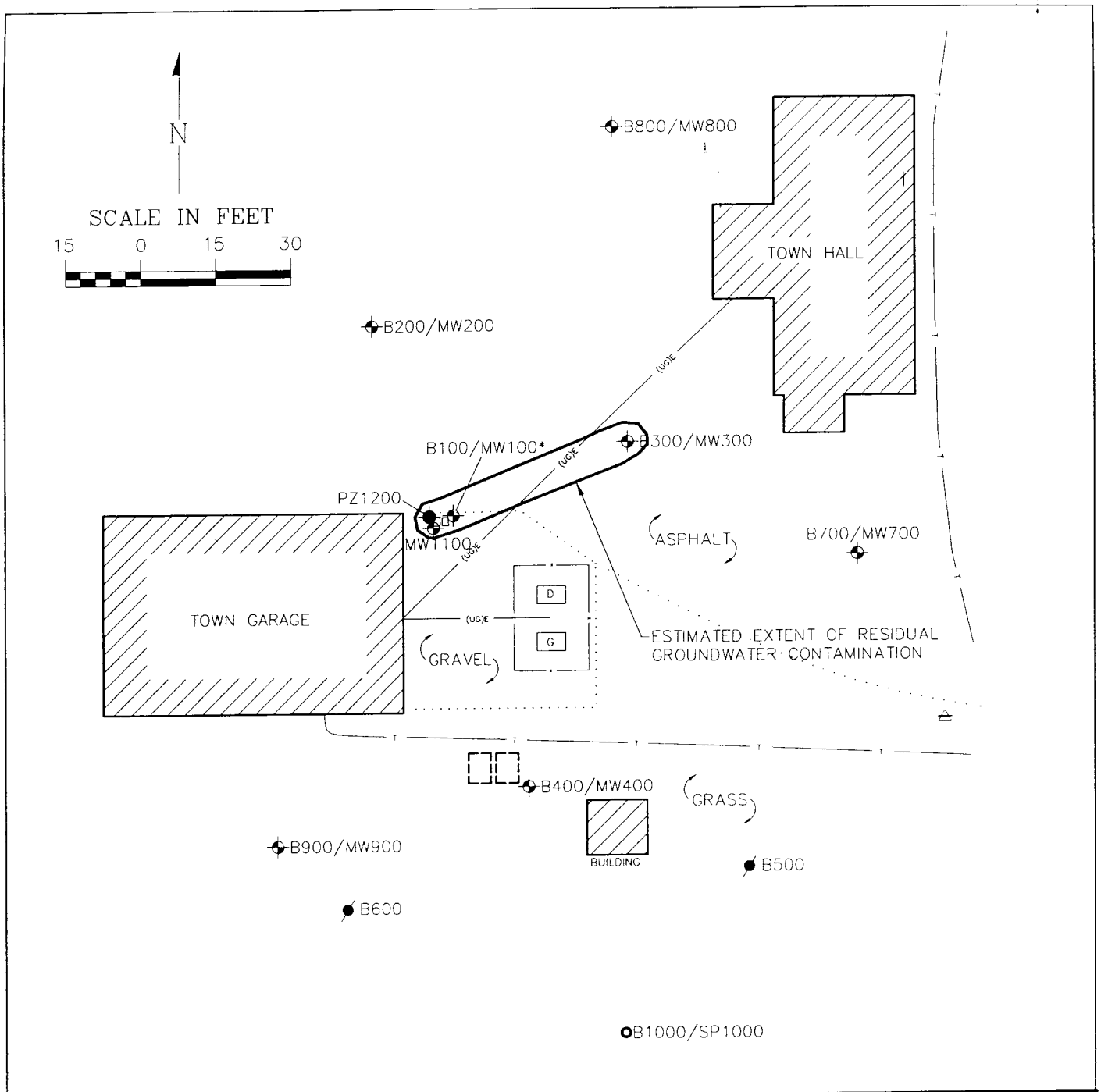
µg/kg = micrograms per kilogram

NE = Not Established by Wisconsin Administrative Code (WAC) Chapter NR 720 or NR 746/WDComm (Wisconsin Department of Commerce) Chapter 46

650 = WAC Chapter NR 720 Residual Contaminant Level (RCL) Exceeded

S1* = sample submitted to confirm that soil being removed was petroleum contaminated

<x = Not detected above laboratory detection limit of x



LEGEND

.....	SURFACE MATERIAL DIVISION
PZ1200	PIEZOMETER LOCATION
B600	SOIL BORING LOCATION
B100/MW100*	SOIL BORING/MONITORING WELL LOCATION *=MONITORING WELL REMOVED 11/29/99
B1000/SP1000	SOIL BORING/SANDPOINT LOCATION
—— x ——	FENCE LOCATION
—— (UG)E ——	UNDERGROUND ELECTRIC LOCATION
—— T ——	UNDERGROUND TELEPHONE LOCATION
[ ]	FORMER 500 GALLON UNDERGROUND STORAGE TANK (UST) LOCATION
G	EXISTING ABOVEGROUND STORAGE TANK (AST) LOCATION G= GASOLINE D= DIESEL FUEL
[ ][ ]	FORMER DISPENSER LOCATIONS
△	PRIVATE POTABLE WELL LOCATION

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FIGURE 10

EST. EXTENT OF RESIDUAL GROUNDWATER CONTAMINATION

TOWN OF PILSEN
MOQUAH, WISCONSIN
TOWN OF PILSEN

WATER LEVEL DATA

Project: TOP04-1109-0264

Location: MOQUAH, WISCONSIN

Personnel: SMM

Well Number: MW100

Well Location:

Riser Elevation: 849.84

Ground Elevation: 850.14

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/06/99	1001	SWLP	1.80	2.10	848.04	Pre Development
05/06/99	1349	SWLP	13.85	14.15	835.99	Post Development
05/11/99	1030	SWLP	2.42	2.72	847.42	---
07/13/99	0803	SWLP	1.16	1.46	848.68	---
07/29/99	1716	SWLP	1.16	1.46	848.68	---
10/04/99	1256	SWLP	2.70	3.00	847.14	---
Removed During Excavation						

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.

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WATER LEVEL DATA

Project:	TOP04-1109-0264	Well Number:	MW200
Location:	MOQUAH, WISCONSIN	Well Location:	
Personnel:	SMM	Riser Elevation:	849.88
		Ground Elevation:	850.23

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/06/99	0954	SWLP	2.56	2.91	847.32	Pre Development
05/06/99	1312	SWLP	11.85	12.20	838.03	Post Development
05/11/99	1022	SWLP	3.70	4.05	846.18	---
07/13/99	0800	SWLP	3.40	3.75	846.48	---
07/29/99	1705	SWLP	2.92	3.27	846.96	---
10/04/99	1246	SWLP	2.18	2.53	847.70	---
01/11/00	1202	SWLP	4.17	4.52	845.71	---
04/10/00	1020	SWLP	1.36	1.71	848.52	---
10/11/00	1044	SWLP	2.92	3.27	846.96	---
04/04/01	1032	SWLP	3.35	3.70	846.53	---
10/15/01	1104	SWLP	2.91	3.26	846.97	---
04/09/02	1058	SWLP	3.57	3.92	846.31	---
10/09/02	---	---	---	---	---	Well Paved Over
04/15/03	1051	SWLP	5.50	5.85	844.38	---
10/07/03	1040	SWLP	3.61	3.96	846.27	---
04/06/04	1141	SWLP	1.67	2.02	848.21	---
10/07/04	1006	SWLP	2.29	2.64	847.59	---

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.

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WATER LEVEL DATA

Project: TOP04-1109-0264

Location: MOQUAH, WISCONSIN

Personnel: SMM

Well Number: MW300

Well Location:

Riser Elevation: 849.15

Ground Elevation: 849.88

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/06/99	0956	SWLP	5.07	5.80	844.08	Pre Development
05/06/99	1314	SWLP	6.52	7.25	842.63	Post Development
05/11/99	1023	SWLP	5.10	5.83	844.05	---
07/13/99	0802	SWLP	5.43	6.16	843.72	---
07/29/99	1706	SWLP	4.62	5.35	844.53	---
10/04/99	1244	SWLP	4.62	5.35	844.53	---
01/11/00	1200	SWLP	6.61	7.34	842.54	---
04/10/00	1031	SWLP	5.50	6.23	843.65	---
10/11/00	1109	SWLP	5.12	5.85	844.03	---
04/04/01	1106	SWLP	6.52	7.25	842.63	---
10/15/01	1107	SWLP	4.93	5.66	844.22	---
04/09/02	1055	SWLP	6.16	6.89	842.99	---
10/09/02	---	---	---	---	---	Well Paved Over
04/15/03	1054	SWLP	7.11	7.84	842.04	---
10/07/03	1051	SWLP	5.18	5.91	843.97	---
04/06/04	1158	SWLP	6.36	7.09	842.79	---
10/07/04	1008	SWLP	5.07	5.80	844.08	---

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.

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WATER LEVEL DATA

Project:	TOP04-1109-0264	Well Number:	MW400
Location:	MOQUAH, WISCONSIN	Well Location:	
Personnel:	SMM	Riser Elevation:	848.05
		Ground Elevation:	848.52

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/06/99	0958	SWLP	0.81	1.28	847.24	Pre Development
05/06/99	1308	SWLP	1.17	1.64	846.88	Post Development
05/11/99	1024	SWLP	0.82	1.29	847.23	---
07/13/99	0804	SWLP	0.20	0.67	847.85	---
07/29/99	1710	SWLP	0.45	0.92	847.60	---
10/04/99	1255	SWLP	0.95	1.42	847.10	---
01/11/00	1159	SWLP	2.57	3.04	845.48	---
04/10/00	1036	SWLP	1.02	1.49	847.03	---
10/11/00	1104	SWLP	1.95	2.42	846.10	---
04/04/01	1056	SWLP	1.18	1.65	846.87	---
10/15/01	1114	SWLP	1.16	1.63	846.89	---
04/09/02	1046	SWLP	1.40	1.87	846.65	---
10/09/02	1028	SWLP	0.47	0.94	847.58	---
04/15/03	---	---	---	---	---	Frozen
10/07/03	1046	SWLP	1.45	1.92	846.60	---
04/06/04	1154	SWLP	1.21	1.68	846.84	---
10/07/04	1015	SWLP	0.92	1.39	847.13	---

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.

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WATER LEVEL DATA

Project:	TOP04-1109-0264	Well Number:	MW700
Location:	MOQUAH, WISCONSIN	Well Location:	
Personnel:	SMM	Riser Elevation:	848.18
		Ground Elevation:	848.78

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
07/13/99	1249	SWLP	12.62	13.22	835.56	Pre Development
07/29/99	1707	SWLP	5.06	5.66	843.12	Pre Development
08/02/99	1613	SWLP	5.01	5.61	843.17	Post Development
10/04/99	1248	SWLP	6.36	6.96	841.82	---
01/11/00	1154	SWLP	7.20	7.80	840.98	---
04/10/00	1027	SWLP	5.92	6.52	842.26	---
10/11/00	1049	SWLP	6.72	7.32	841.46	---
04/04/01	1037	SWLP	6.66	7.26	841.52	---
10/15/01	1110	SWLP	6.80	7.40	841.38	---
04/09/02	1054	SWLP	6.08	6.68	842.10	---
10/09/02	1024	SWLP	5.29	5.89	842.89	---
04/15/03	---	---	---	---	---	Frozen
10/07/03	1043	SWLP	6.54	7.14	841.64	---
04/06/04	1145	SWLP	4.79	5.39	843.39	---
10/07/04	1010	SWLP	5.87	6.47	842.31	---

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.

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WATER LEVEL DATA

Project:	TOP04-1109-0264	Well Number:	MW800
Location:	MOQUAH, WISCONSIN	Well Location:	
Personnel:	SMM	Riser Elevation:	849.37
		Ground Elevation:	849.79

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
07/13/99	1035	SWLP	2.80	3.22	846.57	Pre Development
07/13/99	1250	SWLP	2.44	2.86	846.93	Post Development
07/29/99	1703	SWLP	1.63	2.05	847.74	---
10/04/99	1245	SWLP	2.82	3.24	846.55	---
01/11/00	1201	SWLP	4.81	5.23	844.56	---
04/10/00	1021	SWLP	2.26	2.68	847.11	---
10/11/00	1047	SWLP	3.40	3.82	845.97	---
04/04/01	1036	SWLP	4.27	4.69	845.10	---
10/15/01	1106	SWLP	3.17	3.59	846.20	---
04/09/02	1056	SWLP	3.06	3.48	846.31	---
10/09/02	1021	SWLP	2.40	2.82	846.97	---
04/15/03	1036	SWLP	5.30	5.72	844.07	---
10/07/03	1041	SWLP	3.83	4.25	845.54	---
04/06/04	---	---	---	---	---	Frozen Well
10/07/04	1005	SWLP	3.04	3.46	846.33	---

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.

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WATER LEVEL DATA

Project:	**TOP04-1109-0264**	**Well Number:**	**MW900**
Location:	**MOQUAH, WISCONSIN**	**Well Location:**	
Personnel:	**SMM**	**Riser Elevation:**	**849.50**
		Ground Elevation:	**850.04**

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
07/29/99	1711	SWLP	12.44	12.98	837.06	Pre Development
08/02/99	1615	SWLP	12.14	12.68	837.36	Post Development
10/04/99	1250	SWLP	8.13	8.67	841.37	---
01/11/00	1158	SWLP	6.47	7.01	843.03	---
04/10/00	1029	SWLP	5.46	6.00	844.04	---
10/11/00	1101	SWLP	3.27	3.81	846.23	---
04/04/01	1051	SWLP	3.60	4.14	845.90	---
10/15/01	1112	SWLP	3.40	3.94	846.10	---
04/09/02	1057	SWLP	2.90	3.44	846.60	---
10/09/02	1026	SWLP	2.51	3.05	846.99	---
04/15/03	1042	SWLP	5.19	5.73	844.31	---
10/07/03	1048	SWLP	2.73	3.27	846.77	---
04/06/04	1151	SWLP	2.39	2.93	847.11	---
10/07/04	1020	SWLP	2.17	2.71	847.33	---

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.

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WATER LEVEL DATA

Project:	**TOP04-1109-0264**	**Well Number:**	**SP1000**
Location:	**MOQUAH, WISCONSIN**	**Well Location:**	
Personnel:	**SMM**	**Riser Elevation:**	**837.44**
		Ground Elevation:	**835.68**

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
07/29/99	1714	SWLP	6.04	4.28	831.40	Pre Development
08/02/99	1618	SWLP	5.78	4.02	831.66	Post Development
10/04/99	1253	SWLP	7.11	5.35	830.33	---
01/11/00	1149	SWLP	6.14	4.38	831.30	---
04/10/00	1026	SWLP	5.18	3.42	832.26	---
10/11/00	1054	SWLP	7.31	5.55	830.13	---
04/04/01	1044	SWLP	4.53	2.77	832.91	---
10/15/01	1046	SWLP	7.49	5.73	829.95	---
04/09/02	1035	SWLP	4.41	2.65	833.03	---
10/09/02	1012	SWLP	5.14	3.38	832.30	---
04/15/03	---	---	---	---	---	Frozen
10/07/03	1032	SWLP	5.86	4.10	831.58	---
04/06/04	1149	SWLP	5.09	3.33	832.35	---
10/07/04	1025	SWLP	5.85	4.09	831.59	---

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.

s:\proj\top\04-0264\tables\WTRLVL.WK4

WATER LEVEL DATA

Project:	**TOP04-1109-0264**	**Well Number:**	**MW1100**
Location:	**MOQUAH, WISCONSIN**	**Well Location:**	
Personnel:	**SMM**	**Riser Elevation:**	**849.96**
		Ground Elevation:	**850.34**

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
01/04/00	1325	TAPE	6.58	6.96	843.38	Pre Development
01/11/00	1203	SWLP	5.32	5.70	844.64	Post Development
04/10/00	1034	SWLP	1.38	1.76	848.58	---
10/11/00	1103	SWLP	2.48	2.86	847.48	---
04/04/01	1110	SWLP	3.50	3.88	846.46	---
10/15/01	1116	SWLP	2.34	2.72	847.62	---
04/09/02	1059	SWLP	2.86	3.24	847.10	---
10/09/02	1031	SWLP	1.22	1.60	848.74	---
04/15/03	1059	SWLP	2.27	2.65	847.69	---
10/07/03	1049	SWLP	2.77	3.15	847.19	---
04/06/04	1157	SWLP	1.34	1.72	848.62	---
10/07/04	1012	SWLP	1.73	2.11	848.23	---

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.

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WATER LEVEL DATA

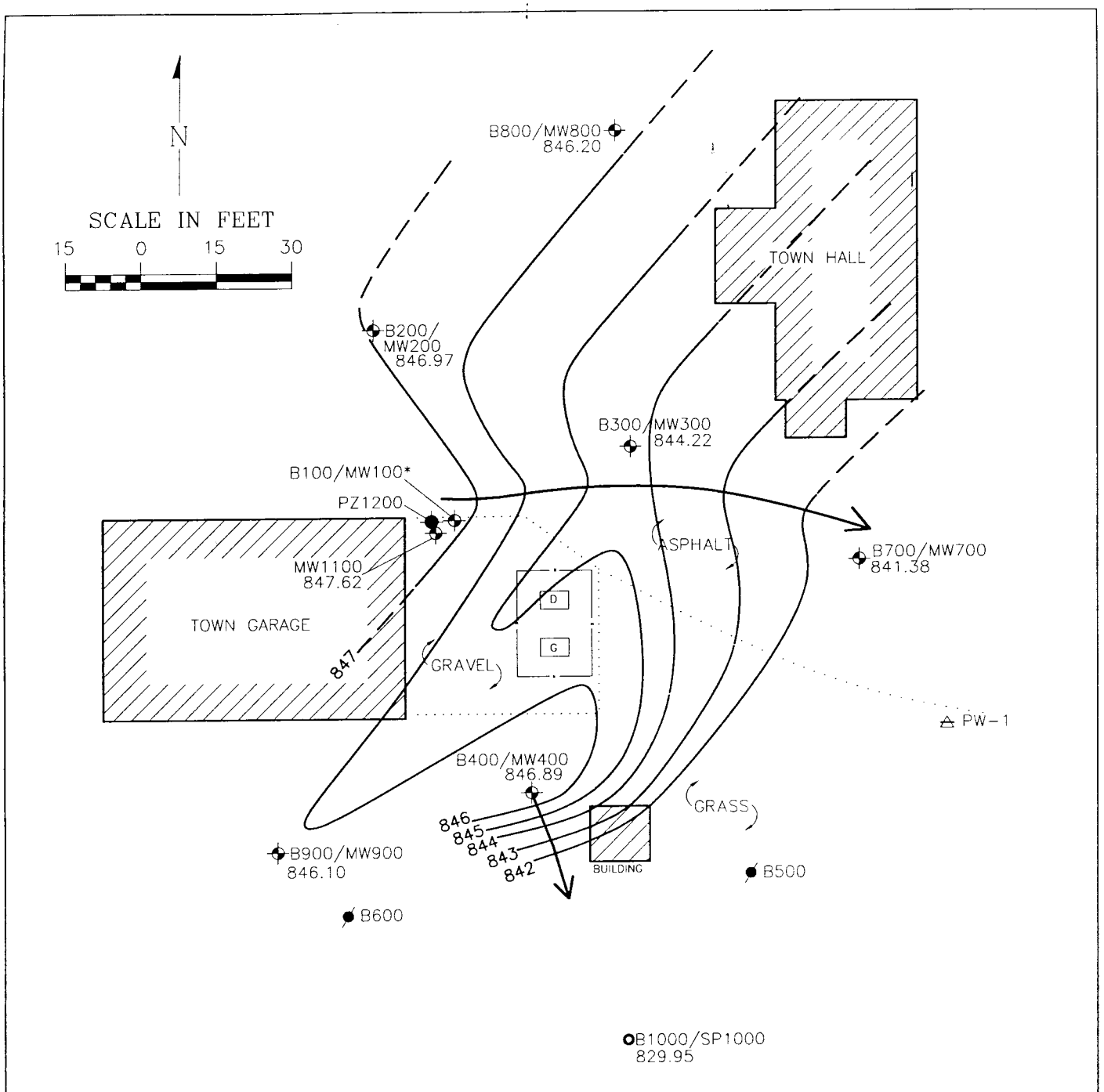
Project:	TOP04-1109-0264	Well Number:	PZ1200
Location:	MOQUAH, WISCONSIN	Well Location:	
Personnel:	SMM	Riser Elevation:	850.00
		Ground Elevation:	850.33

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
01/04/00	1330	TAPE	6.83	7.16	843.17	Pre Development
01/11/00	1204	SWLP	5.32	5.65	844.68	Post Development
04/10/00	1033	SWLP	1.49	1.82	848.51	---
10/11/00	1102	SWLP	2.71	3.04	847.29	---
04/04/01	---	---	---	---	---	Frozen Well
10/15/01	1117	SWLP	2.58	2.91	847.42	---
04/09/02	---	---	---	---	---	Frozen Well
10/09/02	1030	SWLP	1.45	1.78	848.55	---
04/15/03	1058	SWLP	3.09	3.42	846.91	---
10/07/03	1050	SWLP	3.12	3.45	846.88	---
04/06/04	1156	SWLP	1.50	1.83	848.50	---
10/07/04	1014	SWLP	2.06	2.39	847.94	---

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.

s:\proj\top\04-0264\tables\WTRLVL.WK4



LEGEND

PZ1200	PIEZOMETER LOCATION	G	EXISTING ABOVEGROUND STORAGE TANK (AST) LOCATION G= GASOLINE D= DIESEL FUEL
B600	SOIL BORING LOCATION		
B200/MW200 846.97	SOIL BORING/MONITORING WELL LOCATION WITH GROUND-WATER ELEVATION IN FEET *=MONITORING WELL REMOVED 11/29/99	842	10/15/01 GROUND-WATER ELEVATION CONTOUR *CONTOUR INTERVAL= 1 FOOT *DASHED LINE= INFERRED ELEVATION
B1000/SP1000 829.95	SOIL BORING/SANDPOINT LOCATION WITH GROUND-WATER ELEVATION IN FEET		GROUND-WATER FLOW DIRECTION
PW-1	PRIVATE POTABLE WELL LOCATION		FENCE LOCATION

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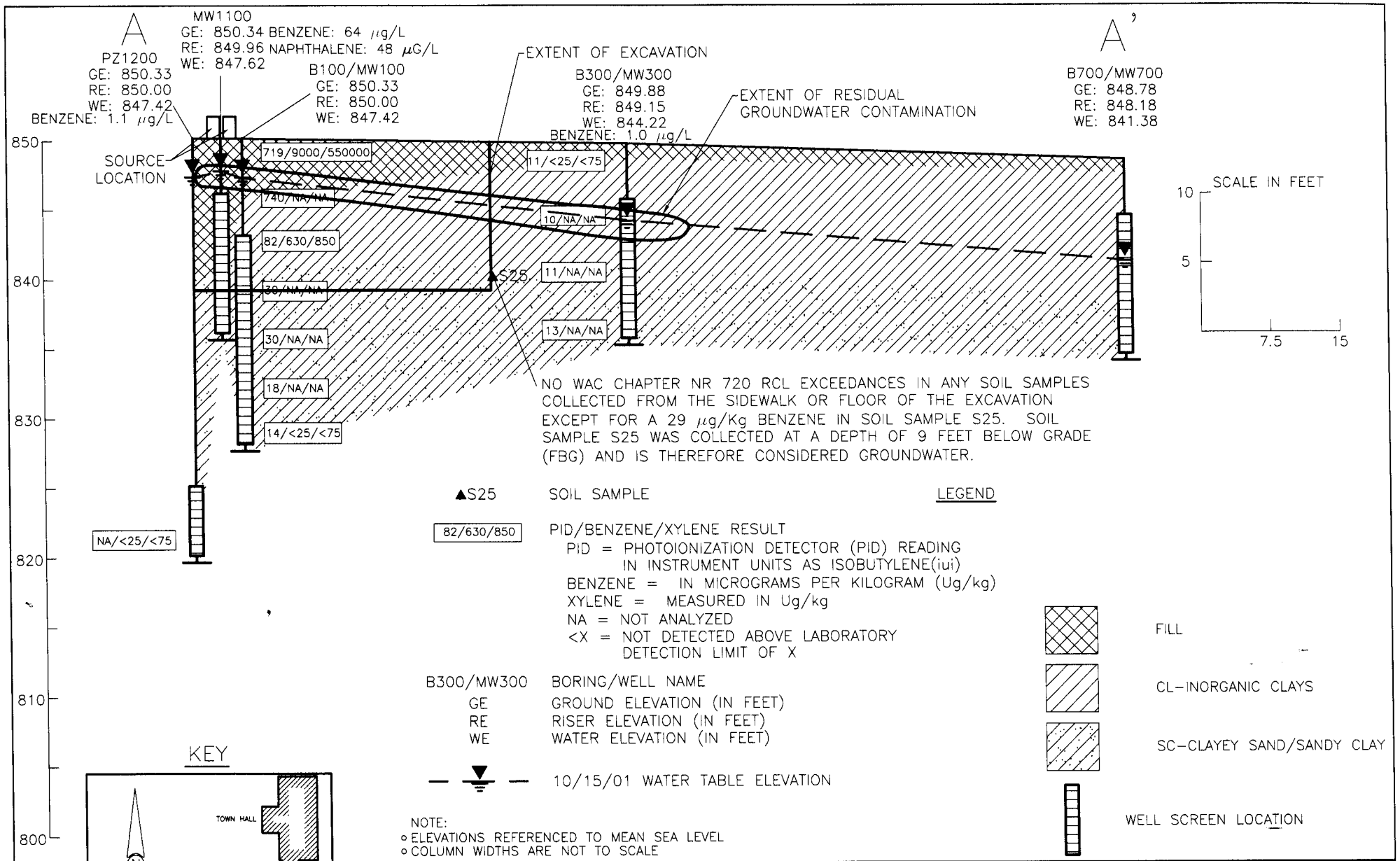
FIGURE 4

GROUND-WATER ELEVATION MAP

TOWN OF PILSEN

MOQUAH, WISCONSIN

TOWN OF PILSEN



NOTE:
- ELEVATIONS REFERENCED TO MEAN SEA LEVEL
- COLUMN WIDTHS ARE NOT TO SCALE

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FIGURE 9
POST-REMEDIAL GEOLOGIC CROSS-SECTION A-A'

TOWN OF PILSEN
TOWN OF PILSEN, MOQUAH, WISCONSIN
TOWN OF PILSEN

Town of Pilsen
Town Hall Road, Moquah, Wisconsin
(WDNR# 03-04-210524) (PECFA# 54806-9803-03)

I, Mike Misun (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 and soil contamination that exceeds ch. NR 720 residual contaminant levels at the time closure is requested.

Signed by Responsible Party: Mike Misun Date: 1/19/2005

The Town of Pilsen is not zoned —