

GIS REGISTRY INFORMATION

SITE NAME: Former Moon Oil Bulks Facility
 BRRTS #: 02-55-000032 FID # (if appropriate): _____
 COMMERCE # (if appropriate): _____
 CLOSURE DATE: 12/23/03
 STREET ADDRESS: 228 E. River Rd
 CITY: Bruce

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):
 x= 420559 y= 554534

CONTAMINATED MEDIA: Groundwater Soil Both

OFF-SOURCE GW CONTAMINATION >ES: Yes 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 No

IF YES, STREET ADDRESS 1: _____

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

CONTAMINATION IN RIGHT OF WAY: Yes No

DOCUMENTS NEEDED:

- Closure Letter, and any conditional closure letter issued
- Copy of most recent deed, including legal description, for all affected properties Railroad Property. Unavailable.
- Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties
 County Parcel ID number, if used for county, for all affected properties N/A
- 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)
- Tables of Latest Soil Analytical Results (no shading or cross-hatching) N/A
- 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.
- GW: Table of water level elevations, with sampling dates, and free product noted if present
- GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)
- 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)
- RP certified statement that legal descriptions are complete and accurate
- 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
Bruce Moss, Acting Regional Director**

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

December 23, 2003

Ms. Kim Turloukis
Chevron EMC
2300 Windy Ridge Parkway, Suite 800S
Atlanta, GA 30339

**SUBJECT: Final Case Closure
Former Moon Oil Bulk Plant, 228 E River Ave, Bruce, WI
WDNR BRRTS #: 02-55-000032**

Dear Ms. Turloukis:

On June 7, 2001, your site as described above was reviewed for closure by the Northern Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On June 22, 2001, you were notified that the Closure Committee had granted conditional closure to this case.

On December 23, 2003, the Department received correspondence indicating that you have complied with the conditions of closure, specifically, final documents 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>.

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.



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Sincerely,
NORTHERN REGION



Janet Kazda
Remediation and Redevelopment Program

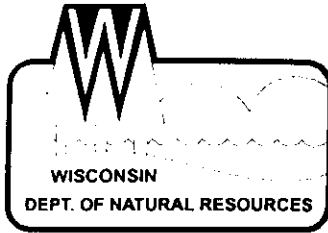
cc: File
Marty Ringquist, LS/5
Lee Liebenstein, SCR - Fitchburg

Mr. Tommy Thompson
Texaco Group, Inc
PO Box 1404
Houston, TX 77251

Geoffrey Nokes
CN Environment
17641 S. Ashland Ave
Homewood, IL 60430-1345

Mr. Howard Moon
PO Box 446
Cameron, WI 54822-0446

Robert Weaver
SAIC
6310 Allentown Blvd
Harrisburg, PA 17112



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

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

June 22, 2001

MR TOMMY THOMPSON
TEXACO GROUP INC
PO BOX 1404
HOUSTON TX 77251

BRRTS #02-55-000032

MR HOWARD MOON
PO BOX 97
BRUCE WI 54819

MR GEOFFREY C NOKES
WISCONSIN CENTRAL LTD
PO BOX 5062
ROSEMONT IL 60017

Subject: Former Moon Oil Company Bulk Petroleum Plant, 228 E River Ave, Bruce, WI

Dear Messrs. Thompson, Moon and Nokes:

The Department of Natural Resources provided a notice to you that the degree and extent of gasoline, diesel fuel and fuel oil 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 June 7, 2001, the above-named site was reviewed by the Northern Region Closeout Committee for a determination as to whether or not the case qualified for close out under ch. NR 726, Wis. Adm. Code.

Based on the investigative and remedial documentation provided to the Department, it appears that the gasoline, diesel fuel and fuel oil contamination at the above-named site has been remediated to the extent practicable under current site conditions, and that no further action is necessary at this time. Therefore, the Department will consider the case "closed," pursuant to NR 726.05(8)(am), if the property owner sign and record a Groundwater Use Restriction for the property.

Please send a copy of the deed for your property to me at the above address within 30 days.

Enclosed is an example of a Groundwater Use Restriction. Please draft a specific Groundwater Use Restriction for this site and submit the draft to me. This document is available on the Department's website at www.dnr.state.wi.us. Department of Natural Resources attorneys will review the draft and return it to you with revisions. After you have made the revisions, you should sign and record the restriction with the County Register of Deeds. To document that this condition has been complied with, the responsible party must submit to the Department a copy of the recorded Groundwater Use Restriction, with the recording information stamped on it, within 15 days after the Register of Deeds



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returns the Groundwater Use Restriction to the responsible party. The Groundwater Use Restriction may be amended in the future with the approval of DNR if conditions change at the site and the residual contamination is remediated.

The groundwater use restriction is an option that the Department can offer to you in order to close this site. If you choose not to accept this option, you may perform additional investigation and cleanup of the remaining contamination. Note that this additional work may not be eligible for reimbursement through the Petroleum Environmental Cleanup Fund Award (PECFA) Program. You should contact the Department of Commerce to determine eligibility of the additional work for reimbursement.

Our closure review also indicates that residual soil contamination remains at the site at concentrations that might pose a risk through both the groundwater and direct contact pathways. The following conditions apply to this closure determination:

1. To comply with ch. NR 720 requirements for the groundwater pathway without conducting further remedial actions, you will either have to select a soil performance standard as described in s. NR 720.19(2), or calculate site specific residual contaminant levels (RCLs) using the procedures in s. NR 720.19(3). Per s. NR 714.07(5), selection of a soil performance standard will require publishing of a public notice as a Class I notice under ch. 985, Wis. Stats. An example of a public notice is enclosed.
2. Some of that soil is also contaminated in excess of the generic non-industrial direct contact RCL for benzo(a)pyrene as described in the Department's *Soil Cleanup Levels for PAHs Interim Guidance*, PUBL RR-519-97. To meet the ch. NR 720 requirements for the direct contact pathway, you can either perform additional remedial actions, install a direct contact barrier (cap) as an engineering control, or calculate a site specific RCL for the direct contact pathway. You should note that selection of an engineering control would require the submittal of an inspection and maintenance plan for the cap. The engineering control would also be a form of a performance standard, and the public notice requirement mentioned above would apply.

Compliance with ch. NR 720 requirements is among the criteria for closure under ch. NR 726, and as stated above is a condition of this particular closure determination. Please send documentation that you have published a notice or your RCL calculations to me at the above address.

Also, per s. NR 720.11(1), residual contamination exceeding a non-industrial RCL requires that the impacted property be deed restricted to industrial uses only. The deed restriction is an option that the Department can offer to you in order to close this case. The deed restriction may be amended in the future with the approval of the Department if conditions at the site change and the residual contamination is remediated to appropriate standards. As stated above, if you choose not to accept this option, you may perform additional cleanup of the remaining contamination. Note that this additional work may not be eligible for reimbursement through the PECFA program.

Enclosed is an example of a deed restriction. Please ask your attorney to draft a specific deed restriction for this site and submit the draft to me. As with the Groundwater Use Restriction, this document is also available on the Department's website. Department attorneys will review the draft and return it to your attorney with revisions. After your attorney has made the revisions, the property owner may sign and record the restriction with the County Register or Deeds. A copy of the recorded restriction must then be filed with the Department.

Please note that this case closure is contingent upon documentation of proper abandonment of the monitoring and groundwater extraction wells on site. If wells remain at this site, please provide the documentation that this action has been completed, or have your consultant do so. Please complete Form 3300-5B and send it to my attention at the above address.

The Department is also aware that Administrative Order No. NWD-93-012 remains in effect for this case. Upon successful completion of the closure conditions outlined above, the Remediation and Redevelopment program will make a recommendation to the Environmental Enforcement program that the order be closed out as well.

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

If you have any questions, please call me at 715-365-8990. Questions concerning the closure conditions should be directed to Hydrogeologist Chris Saari at 715-372-8539, extension 120.

Sincerely,
NORTHERN REGION



Janet Kazda
Case Closeout Committee

→ cc: File
Lori Huntoon – Department of Commerce
Steve Karklins – DG/2
Jim Kralick – DNR Park Falls
Chris Saari – DNR Brule
Mick Michaelsen – DNR Spooner
Deborah Johnson – LC/5
Jim Hansen – DNR Park Falls

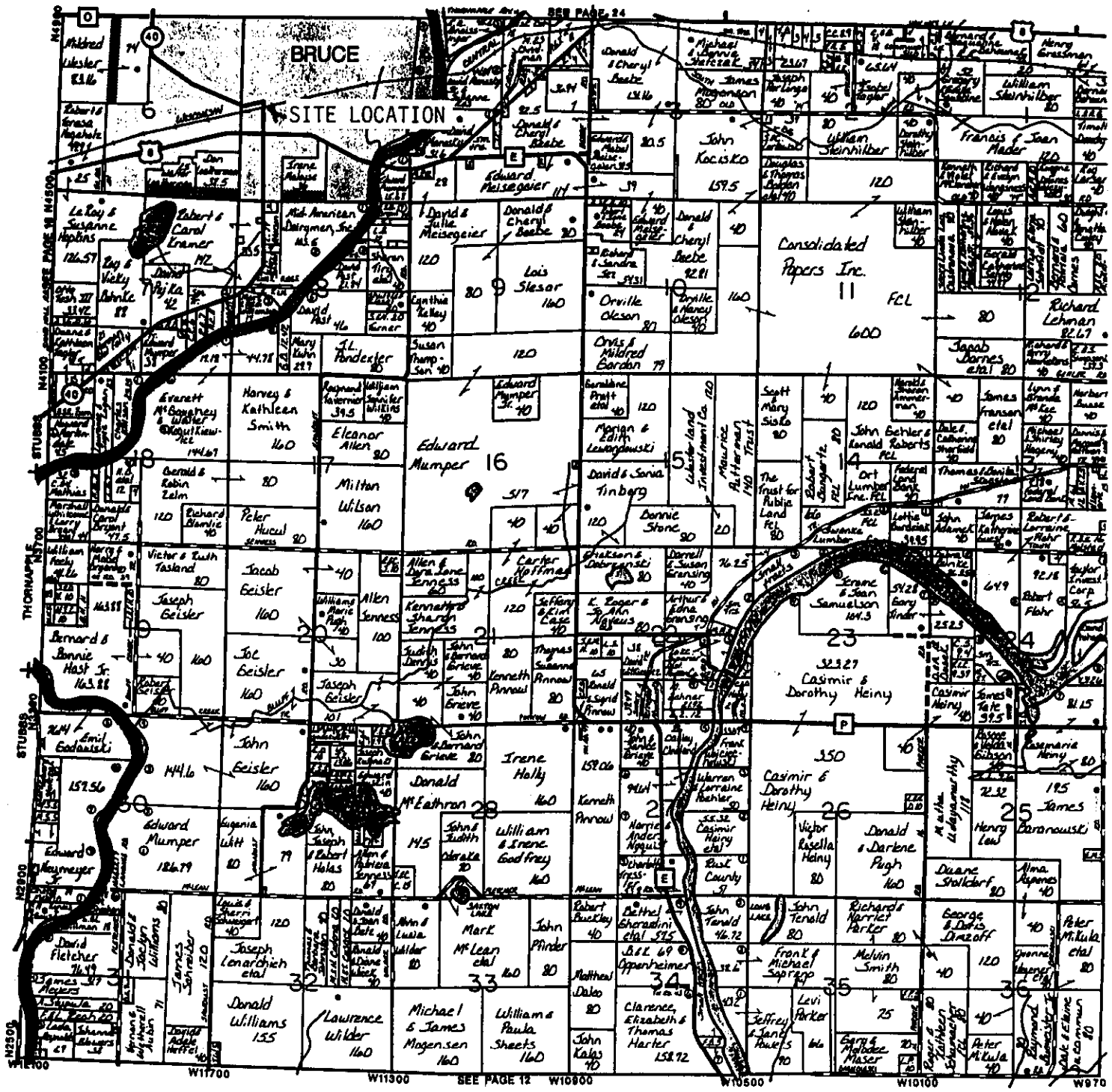
Robert Wahlstrom
DPRA, 332 Minnesota St.
Suite E-1500
St. Paul, MN 55101-1314

Robert Weaver
SAIC
6310 Allentown Blvd
Harrisburg, PA 17112

Bob Harmon
Village of Bruce Waterworks
PO Box 238
Bruce, WI 54819

EAST PART STUBE SOUTHEAST PART THORNAPPLE

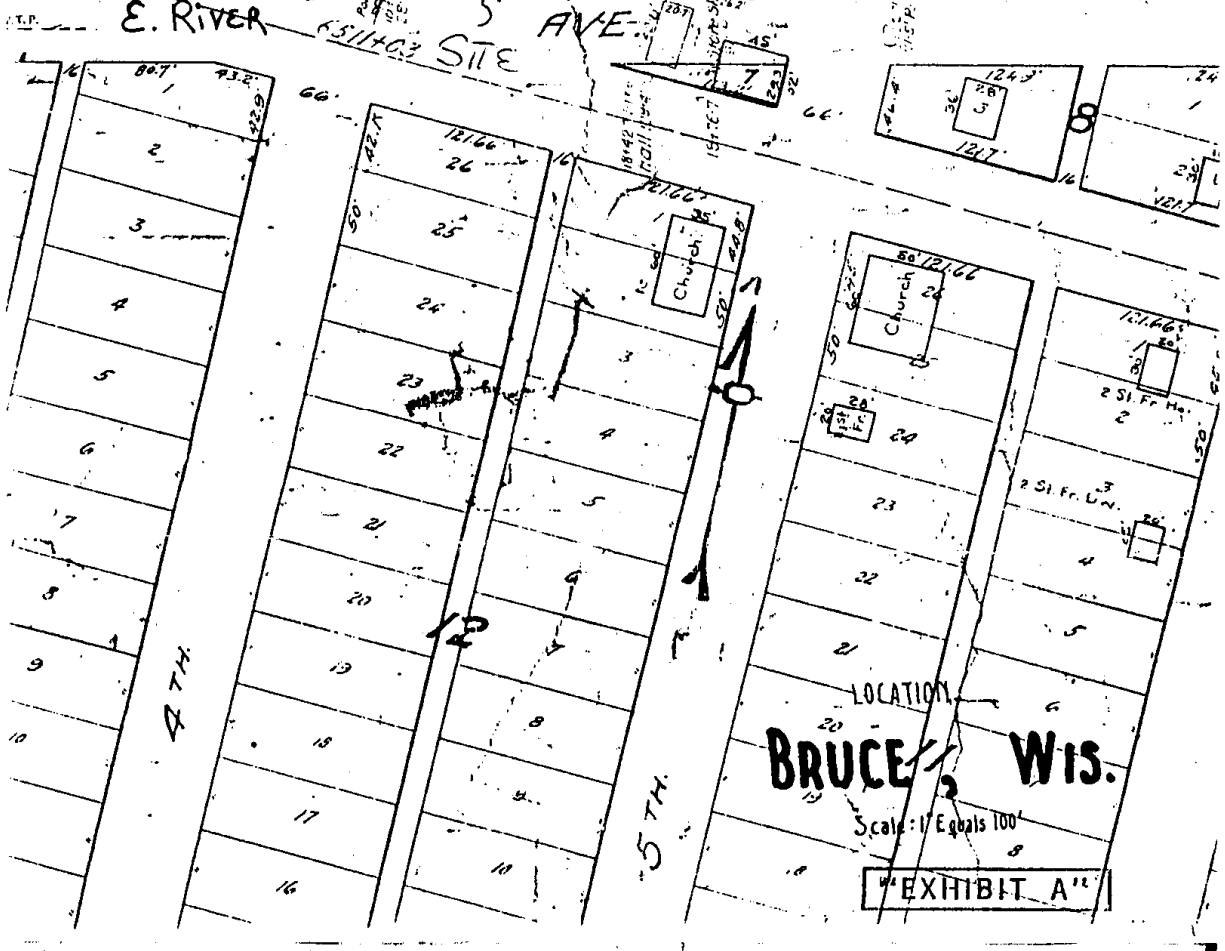
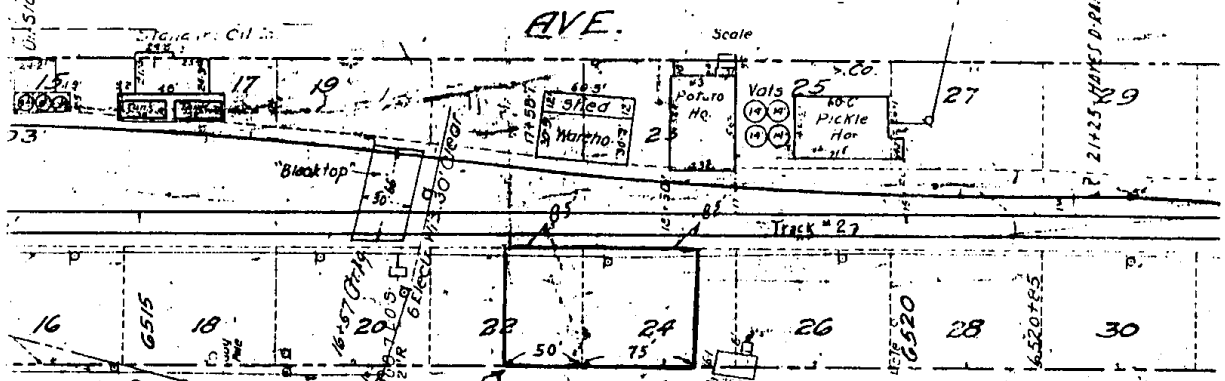
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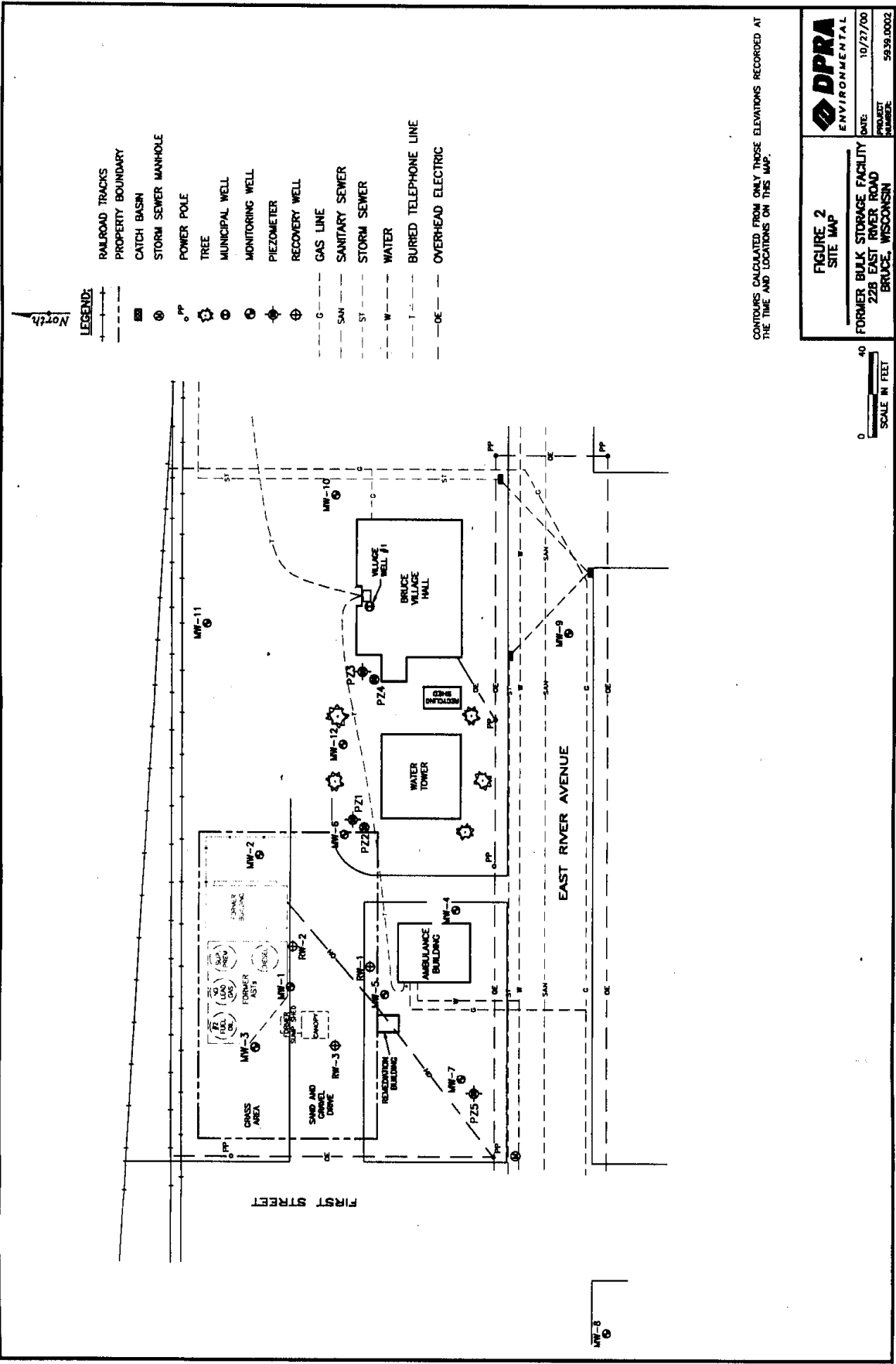


PLAT MAP

RUSK COUNTY, WISCONSIN 1991

1-800-421-4662





- LEGEND:**
- RAILROAD TRACKS
 - PROPERTY BOUNDARY
 - CATCH BASIN
 - STORM SEWER MANHOLE
 - POWER POLE
 - TREE
 - MUNICIPAL WELL
 - MONITORING WELL
 - PIEZOMETER
 - RECOVERY WELL
 - GAS LINE
 - SANITARY SEWER
 - STORM SEWER
 - WATER
 - BURIED TELEPHONE LINE
 - OVERHEAD ELECTRIC

CONTOURS CALCULATED FROM ONLY THOSE ELEVATIONS RECORDED AT THE TIME AND LOCATIONS ON THIS MAP.

DPRA ENVIRONMENTAL

FIGURE 2 SITE MAP

FORMER BULK STORAGE FACILITY
 228 EAST RIVER ROAD
 BRUCE, WISCONSIN

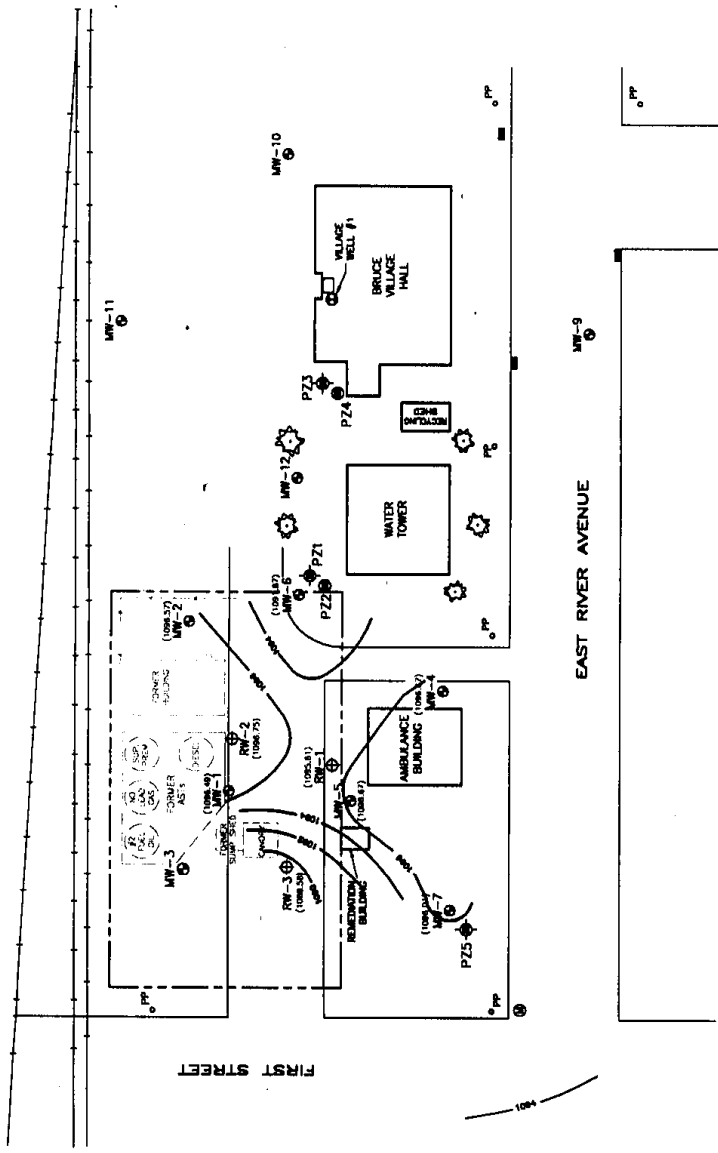
DATE: 10/27/00
 PROJECT NUMBER: 5939.0002





LEGEND:

- RAILROAD TRACKS
- PROPERTY BOUNDARY
- CATCH BASIN
- STORM SEWER MANHOLE
- POWER POLE
- TREE
- MUNICIPAL WELL
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL



CONTOURS CALCULATED FROM ONLY THOSE ELEVATIONS RECORDED AT THE TIME AND LOCATIONS ON THIS MAP.

DPRA ENVIRONMENTAL

FIGURE 3
SHALLOW GROUNDWATER ELEV. CONTOUR MAP (9/28/00)
 FORMER BULK STORAGE FACILITY
 228 EAST RIVER ROAD
 BRUCE, WISCONSIN

DATE: 10/27/00
 PROJECT NUMBER: 5939.0002



TABLE 2
SUMMARY OF
GROUNDWATER ANALYTICAL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)
MW-1	05/03-04/95	NA	120	1,500	NA	NA	NA	650	310	12	17	NA	NA
MW-1	10/24/95	100 U	25	730	460	2,600	3,800	400	130	9,400	13,000c	3.08 ^{1,2}	-42 @ 11.5°C ¹
MW-1	01/23/96	250 U	44	1,800	960	5,500	8,300	670	170	16,000	15,000 cd	1.8 ¹	6.2 @ 17.2°C ¹
MW-1	04/10/96	100 U	6.6	560	280	1,500	2,300	280	95	5,400	17,000	NA	NA
MW-1	07/10/96	100 U	75	2,000	700	3,500	6,300	480	140	13,000	4,300	NA	NA
MW-1	11/06/96	100 U	110	1,800	860	4,400	7,200	740	210	20,000	6,600 b	NA	NA
MW-1	03/06/97	100 U	0.5 U	1,700	1,400	6,700	9,800	1,300	17	21,000	10,000 b	NA	NA
MW-1	05/14/97	100 U	56	490	10 U	1,400	1,946	10	84	6,000	7,400	4	-10 @ 9.1°C
MW-1	08/20/97	50 U	18	450	510	2,700	3,700	390	130	8,300	5,500	2	25 @ 16°C
MW-1	11/19/97	38	58	350	640	3,400	4,448	560	170	11,000	6,200	0	160 @ 7.5°C
MW-1	02/24/98	3.4	43	750	820	4,500	6,116	690	200	13,000	9,400	0.6	27 @ 10.7°C
MW-1	05/27/98	<10	40.7	962	488	2,250	3,741	319	64	6,830	14,700	0.5	-15 @ 18.8°C
MW-1	08/25/98	ND	10	290	340	1,370	2,010	260	40	4,530	5,150	4	-8 @ 19.2°C
MW-1	11/30/98	4.6	10	510	580	2,900	4,005	580	180	9,300	7,400	4	-5 @ 5.2°C
MW-1	03/03/99	31	36	800	690	3,700	5,257	700	210	13,000	7,400	10	-81 @ 8.5°C
MW-1	06/03/99	<1.0	<1.0	8.9	71	300	380	140	60	2,200	12,000	1	-52 @ 17.4°C
MW-1	09/20/99	8.3	6.1	160	230	970	1,374	250	92	6,900	8,600	2	50 @ 14.4°C
MW-1	12/16/99	<1.1	12	330	410	2,000	2,752	440	120	8,600	9,800	0.8	14 @ 1.9°C
MW-1	03/02/00	<15	8.25	141	174	1,180	1,503	182	62.7	7,790	22,700	0.76	70.1 @ 7.8°C
MW-1	06/07/00	<15	18.4	224	442	2,231	2,915	427	127	5,980	8,010	0.73	2.7 @ 13.2°C
MW-2	05/03-04/95	NA	ND	ND	NA	NA	NA	ND	ND	ND	ND	NA	NA
MW-2	10/24/95	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	110c	5.45 ^{1,2}	152 @ 13.0°C ¹
MW-2	01/22/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	130 bc	5.4 ¹	230 @ 16.3°C ¹
MW-2	04/10/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	330	NA	NA
MW-2	07/09/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	190	NA	NA
MW-2	11/06/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	340 b	NA	NA
MW-2	03/06/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	330 b	NA	NA
MW-2	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	140	5	75 @ 10.7°C
MW-2	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	43 JB	7	115 @ 15.3°C
MW-2	11/19/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	170	2	285 @ 8.6°C

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GROUNDWATER ANALYTICAL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)
MW-2	02/23/98	0.2 U	0.16 U	0.36 U	0.29 U	1.15 U	--	0.3 U	0.34 U	50 U	210	5	120 @ 6.9°C
MW-2	05/27/98	<1	<1	<1	<1	<1	--	<1	<1	<100	150	10	115 @ 16.9°C
MW-2	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	>10	36 @ 19.4°C
MW-2	11/30/98	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<200	5	-13 @ 11.7°C
MW-2	03/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	10	-36 @ 9.0°C
MW-2	06/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	250	5	79 @ 12.6°C
MW-2	09/20/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	140	2.5	18 @ 13.2°C
MW-2	12/16/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	1	189 @ 7.6°C
MW-2	03/02/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50	321e	3.72	145 @ 7.8°C
MW-2	06/07/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50	<100	3.35	132 @ 12.5°C
MW-3	05/03-04/95	NA	ND	ND	NA	NA	NA	ND	ND	ND	0.92	NA	NA
MW-3	10/24/95	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	1800c	4.09 ^{1,2}	165 @ 11.3°C ¹
MW-3	01/22/96	10 U	0.5 U	1.0 U	1.0 U	3.9	3.9	1.5	1.0 U	100 U	1500 c d	5.5 ¹	250 @ 17.4°C ¹
MW-3	04/10/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.5	1.0 U	100 U	210	NA	NA
MW-3	07/10/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	410	NA	NA
MW-3	11/06/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	290 b	NA	NA
MW-3	03/06/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	380 b	NA	NA
MW-3	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	250	3	110 @ 10.8°C
MW-3	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	270	3	NA
MW-3	11/19/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	200	2	305 @ 8.7°C
MW-3	02/24/98	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
MW-3	05/27/98	<1	<1	<1	<1	<1	--	<1	<1	<100	<101	5	145 @ 18.2
MW-3	08/25/98	Well destroyed during site decommissioning in 7/98.											
MW-4	05/03-04/95	NA	ND	ND	NA	NA	NA	ND	ND	ND	ND	NA	NA
MW-4	10/24/95	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	331c	7.40 ^{1,2}	137 @ 13.0°C ¹
MW-4	01/22/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	25 Jc	9.4 ¹	260 @ 17.1°C ¹
MW-4	04/10/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	120	NA	NA
MW-4	07/09/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	64	NA	NA

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FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN**

Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)
MW-4	11/06/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	140 b	NA	NA
MW-4	03/06/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	321b	NA	NA
MW-4	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	100 U	4	125 @ 12.3°C
MW-4	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	111B	6	135 @ 16.6°C
MW-4	11/18/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	841B	8	240 @ 2.9°C
MW-4	02/24/98	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS
MW-4	05/27/98	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<100	<101	10	170 @ 17.4°C
MW-4	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	5	174 @ 18.5°C
MW-4	11/30/98	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<200	0.8	48 @ 18.5°C
MW-4	03/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	10	-6 @ 8.4°C
MW-4	06/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	3	86 @ 13.3°C
MW-4	09/20/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	6	22 @ 14.7°C
MW-4	12/16/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	3	114 @ 4.2°C
MW-4	03/02/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50	321e	6.3	118.6 @ 8.8°C
MW-4	06/07/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50	<100	4.6	28.9 @ 13.1°C
MW-5	05/03-04/95	NA	4.3	2.8	NA	NA	NA	6.0	4.8	10	91	NA	NA
MW-5	10/24/95	10 U	0.5 U	2.8	9.2	19	31	13	17	570	16,000c	1.93 ^{1,2}	154 @ 11.8°C ¹
MW-5	04/10/96	10 U	0.5 U	1.0 U	1.7	5.4	7.1	6.1	2.4	630	28,000	NA	NA
MW-5	07/10/96	10 U	1.3	1.0 U	1.8	3.7	6.8	1.0 U	1.0 U	340	2,500	NA	NA
MW-5	11/06/96	10 U	1.3	1.0 U	1.0 U	2.2	3.5	1.0 U	1.0 U	290	11,000 b	NA	NA
MW-5	03/06/97	10 U	55	8.9	1.0 U	14	78.0	17	1.0 U	480	210,000	NA	NA
MW-5	05/14/97	100 U	5 U	10 U	10 U	10 U	--	10 U	10 U	7,900	11,000	3	120 @ 12.1°C
MW-5	08/20/97	10 U	0.7	1.0 U	1.0 U	1.0 U	0.7	1.0 U	1.0 U	100 U	59,000	5	-10 @ 16.8°C
MW-5	11/19/97	50 U	10 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	38,000	0.4	50 @ 7.6°C
MW-5	02/24/98	0.2 U	2.2	1.4	3.0	10.6	17.2	15	3.2	730	240,000	0.6	42 @ 10.1°C
MW-5	05/27/98	<1.0	2.6	4.4	15.7	32.9	55.6	<200	<200	1,000,000	175,000	0.5	60 @ 16.6°C
MW-5	08/25/98	ND	ND	2.0	3.0	8.0	13.0	21	24	4150	94,300	0.8	20 @ 18.3°C
MW-5	11/30/98	<0.22	0.46	0.67	0.80	2.21	4.14	5.3	1.3	400	43,000	3	-63 @ 11.7°C
MW-5	03/03/99	<1.0	1.2	<1.0	2.0	3.30	6.50	5.1	<2.0	410	350,000	3	-63 @ 11.7°C

TABLE 2
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FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)	
MW-5	06/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	<6.0	1.4	<2.0	150	6,100	NA	-92 @ 14.7 °C	
MW-5	09/20/99	Groundwater sample not collected.												
MW-5	12/16/99	<0.22	0.94	1.1	0.37	<1.34	2.41	3.1	1.00	490	NS	2	127 @ 2.4 °C	
MW-5	03/02/00	<0.3	0.572	<0.4	0.898	1.868	3.338	5.94	0.964	265f	72,100e	3.2	59.2 @ 7.8 °C	
MW-5	06/07/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	2.87	0.525	116f	23,100	2.2	22.2 @ 12.9 °C	
MW-6	05/03-04/95	NA	ND	ND	NA	NA	NA	ND	ND	ND	ND	NA	NA	
MW-6	10/24/95	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	NA	8.15 ^{1,2}	135 @ 13.4 °C ¹	
MW-6	04/10/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	64 J	NA	NA	
MW-6	07/09/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	27 J	NA	NA	
MW-6	11/06/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	92 Jb	NA	NA	
MW-6	03/05/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	NA	NA	NA	
MW-6	05/14/97	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	
MW-6	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	16 JB	8	95 @ 14.9 °C	
MW-6	11/19/97	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	
MW-6	02/24/98	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	
MW-6	05/27/98	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<100	NS	NS	NS	
MW-6	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	>10	144 @ 18.3 °C	
MW-6	11/30/98	Insufficient groundwater present to allow sample collection.												
MW-6	03/03/99	Insufficient groundwater present to allow sample collection.												
MW-6	06/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	2	-23 @ 13.3 °C	
MW-6	09/20/99	Insufficient groundwater present to allow sample collection.												
MW-6	12/16/99	Insufficient groundwater present to allow sample collection.												
MW-6	03/02/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	NA	NA	NA	
MW-6	06/07/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	103e	3.78	112 @ 12.9 °C	
MW-7	05/03-04/95	NA	22	1.4	NA	NA	NA	ND	ND	0.07	3.4	NA	NA	
MW-7	10/24/95	10 U	10	1.0 U	1.8	4.1	16	1.0 U	1.0 U	100 U	1,000bc	5.00 ^{1,2}	156 @ 11.8 °C ¹	
MW-7	04/10/96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-7	07/10/96	10 U	1.6	1.0 U	1.0 U	1.0 U	1.6	1.0 U	1.0 U	100 U	470	NA	NA	

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BRUCE, WISCONSIN

Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)	
MW-7	11/06/96	10 U	0.8	1.0 U	1.0 U	1.0 U	0.8	1.0 U	1.0 U	100 U	840 b	NA	NA	
MW-7	03/06/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	NS	NA	NA	
MW-7	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	2,900	2	115 @ 12.9°C	
MW-7	08/20/97	10 U	1.2	1.0 U	1.0 U	1.0 U	1.2	1.0 U	1.0 U	100 U	1,200	5	140 @ 17.5°C	
MW-7	11/19/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	700	0.8	115 @ 6.2°C	
MW-7	02/24/98	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	NS	NS	
MW-7	05/27/98	<1.0	<1.0	<1.0	<1.0	4.8	4.8	<1.0	<1.0	<100	1,060	8	160 @ 18.1°C	
MW-7	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	240	5	93 @ 19.5°C	
MW-7	11/30/98	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	700	5	128 @ 4.0°C	
MW-7	03/03/99	Not accessible due to ice and snow banks.												
MW-7	06/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	4,300	2	43 @ 14.1°C	
MW-7	09/20/99	<0.22	1.8	0.23	1.4	0.91	--	<0.86	<0.54	<50	2,000	1	89 @ 12.6°C	
MW-7	12/16/99	Insufficient groundwater present to allow sample collection.												
MW-7	03/02/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	4,200d	1.9	120 @ 8.4°C	
MW-7	06/07/00	<0.3	0.407	<0.4	0.875	3.07	--	1.34	<0.15	78.1	6,200d	1.8	92.9 @ 12.6°C	
MW-8	03/05/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-8	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	100 U	3	115 @ 13°C	
MW-8	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	100 UB	7	145 @ 16.7°C	
MW-8	11/19/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	66 JB	6	265 @ 8.2°C	
MW-8	02/24/98	0.2 U	0.16 U	0.36 U	0.29 U	1.15 U	--	0.3 U	0.34 U	50 U	120	5	158 @ 8.8°C	
MW-8	05/27/98	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<100	<101	5	180 @ 20.2°C	
MW-8	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	>10	96 @ 19.4°C	
MW-8	11/30/98	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<140	NS	NS	
MW-8	03/25/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	2	167 @ 3.9°C	
MW-8	06/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	3	38 @ 13.6°C	
MW-8	09/20/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	3	62 @ 11.6°C	
MW-8	12/16/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	2	15 @ 3.6°C	
MW-8	03/02/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	491e	NA	NA	
MW-8	06/07/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	<100	4.45	110 @ 12.7°C	

TABLE 2
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BRUCE, WISCONSIN

Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)	
MW-9	03/05/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	48JB	NA	NA	
MW-9	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	26J	2	150 @ 14.8°C	
MW-9	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	22 JB	5	135 @ 15.3°C	
MW-9	11/19/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	62 JB	5	250 @ 6.6°C	
MW-9	02/24/98	0.2 U	0.16 U	0.36 U	0.29 U	1.15 U	--	0.3 U	0.34 U	50 U	100 U	2	141 @ 8.6°C	
MW-9	05/27/98	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<100	<100	3	185 @ 19.3°C	
MW-9	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	5	142 @ 13.2°C	
MW-9	11/30/98	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	160	5	115 @ 5.7°C	
MW-9	03/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	10	214 @ 5.6°C	
MW-9	06/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	1.5	71 @ 12.8°C	
MW-9	09/20/99	Groundwater sample not collected.												
MW-9	12/16/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	1	90 @ 1.2°C	
MW-9	03/02/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	271e	1.7	184 @ 11.3°C	
MW-9	06/07/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	153e	0.7	94.8 @ 12.5°C	
MW-10	03/05/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	73 JB	NA	NA	
MW-10	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	43 J	1.5	160 @ 13.6°C	
MW-10	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	11 JB	7	50 @ 11.6°C	
MW-10	11/18/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	32 JB	6	195 @ 5.3°C	
MW-10	02/23/98	0.2 U	0.16 U	0.36 U	0.29 U	1.15 U	--	0.3 U	0.34 U	50 U	100 U	5	117 @ 10.8°C	
MW-10	05/27/98	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<100	<100	8	155 @ 19.2°C	
MW-10	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	4	220 @ 10.8°C	
MW-10	11/30/98	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<140	10	142 @ 5.2°C	
MW-10	03/03/99	Not accessible due to ice and snow banks.												
MW-10	06/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	2	67 @ 13.4°C	
MW-10	09/20/99	Not accessible due to parked vehicle.												
MW-10	12/16/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	1	185 @ 0.5°C	
MW-10	03/02/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	250e	2.45	172.6 @ 10.1°C	
MW-10	06/07/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	101e	2.6	76.1 @ 12.5°C	

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Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)	
MW-11	03/05/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	15 JB	NA	NA	
MW-11	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	100 U	2	190 @ 14.6°C	
MW-11	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	100 UB	6	55 @ 12.7°C	
MW-11	11/18/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	85 JB	2	190 @ 6.6°C	
MW-11	02/23/98	0.2 U	0.16 U	0.36 U	0.29 U	1.15 U	--	0.3 U	0.34 U	50 U	100 U	5	127 @ 9.7°C	
MW-11	05/27/98	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<100	<100	6	190 @ 17.7°C	
MW-11	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	5	154 @ 13.5°C	
MW-11	11/30/98	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<130	5	142 @ 5.2°C	
MW-11	03/25/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<140	2	160 @ 3.8°C	
MW-11	06/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	2	64 @ 12.4°C	
MW-11	09/20/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	3	60 @ 11.5°C	
MW-11	12/16/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	2	19 @ 3.9°C	
MW-11	03/02/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	277e	1.63	167.8 @ 10.4°C	
MW-11	06/07/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	126e	1.1	84.4 @ 12.8°C	
MW-12	03/05/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	16 JB	NA	NA	
MW-12	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	100 U	2	220 @ 15.4°C	
MW-12	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	22 JB	6	30 @ 12.7°C	
MW-12	11/18/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	90 JB	5	200 @ 6.2°C	
MW-12	02/23/98	0.2 U	0.16 U	0.36 U	0.29 U	1.15 U	--	0.3 U	0.34 U	50 U	100 U	4	139 @ 8.8°C	
MW-12	05/27/98	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<100	<106	4	200 @ 15.8°C	
MW-12	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	3	168 @ 14.3°C	
MW-12	11/30/98	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<120	10	165 @ 5.6°C	
MW-12	03/03/99	Not accessible due to ice and snow banks.												
MW-12	06/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	6	84 @ 12.2°C	
MW-12	09/20/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	2	41 @ 9.0°C	
MW-12	12/16/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	0.8	195 @ 2.3°C	
MW-12	03/02/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	268e	2.69	186.9 @ 10.9°C	
MW-12	06/07/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	<100	1.1	102 @ 13.1°C	

TABLE 2
SUMMARY OF
GROUNDWATER ANALYTICAL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)
PZ-1	05/03-04/95	NA	74	3.0	NA	NA	NA	4.2	1.5	0.22	0.32	NA	NA
PZ-1	10/24/95	10 U	15	1.0 U	1.0 U	1.0 U	15	1.0 U	1.0 U	100 U	250bc	0.50 ^{1,2}	120 @ 13.7°C ¹
PZ-1	01/22/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	94 fcd	3.3 ¹	240 @ 16.0°C ¹
PZ-1	04/10/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	110	NA	NA
PZ-1	07/09/96	10 U	43	1.0 U	1.0 U	1.0 U	43	1.0 U	1.0 U	100 U	300	NA	NA
PZ-1	11/06/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	110 b	NA	NA
PZ-1	03/05/97	10 U	28	1.0 U	1.0 U	1.6	30	1.0 U	1.0 U	100 U	190B	NA	NA
PZ-1	05/14/97	10 U	1.3	1.0 U	1.0 U	1.4	2.7	1.0 U	1.0 U	150 U	220	1.5	230 @ 14.6°C
PZ-1	08/20/97	Well Abandoned.											
PZ-2	05/03-04/95	NA	ND	ND	NA	NA	NA	ND	ND	ND	0.11	NA	NA
PZ-2	10/24/95	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	130bc	1.50 ^{1,2}	100 @ 13.0°C ¹
PZ-2	01/22/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	230 cd	5.2 ¹	120 @ 18.1°C ¹
PZ-2	04/10/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	100	NA	NA
PZ-2	07/09/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	55 J	NA	NA
PZ-2	11/06/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	690 b	NA	NA
PZ-2	03/06/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	330 b	NA	NA
PZ-2	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	14 J	1.5	240 @ 13.2°C
PZ-2	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	23 JB	6	70 @ 12.4°C
PZ-2	11/18/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	65 JB	6	200 @ 4.1°C
PZ-2	02/24/98	0.2 U	0.16 U	0.36 U	0.29 U	1.15 U	--	0.3 U	0.34 U	50 U	100 U	6	146 @ 10.6°C
PZ-2	05/27/98	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<100	<200	6	205 @ 17.2°C
PZ-2	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	4	157 @ 15.2°C
PZ-2	11/30/98	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<140	10	160 @ 6.5°C
PZ-2	03/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<150	10	68 @ 5.8°C
PZ-2	06/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	3	47 @ 12.1°C
PZ-2	09/20/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	2	-66 @ 8.9°C
PZ-2	12/16/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	0.8	194 @ 0.9°C
PZ-2	03/02/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	253e	3.14	180 @ 10.7°C
PZ-2	06/07/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	<100	0.72	106 @ 12.8°C

TABLE 2
SUMMARY OF
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FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)
PZ-3	05/03-04/95	NA	ND	ND	NA	NA	NA	ND	ND	ND	0.28	NA	NA
PZ-3	10/24/95	10 U	2.2	1.0 U	1.0 U	1.0 U	2.2	1.0 U	1.0 U	100 U	210bc	1.33 ^{1,2}	95 @ 13.7°C ¹
PZ-3	01/23/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	300 cd	4.3 ¹	130 @ 18.2°C ¹
PZ-3	04/10/96	10 U	3.6	1.0 U	1.0 U	1.0 U	3.6	1.0 U	1.0 U	100 U	290	NA	NA
PZ-3	07/09/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	67 J	NA	NA
PZ-3	11/06/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	720 b	NA	NA
PZ-3	03/05/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	29Jb	NA	NA
PZ-3	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	59J	1	235 @ 12.6°C
PZ-3	08/20/97	Well Abandoned.											
PZ-4	05/03-04/95	NA	ND	ND	NA	NA	NA	ND	ND	ND	0.11	NA	NA
PZ-4	10/24/95	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	140bc	1.09 ^{1,2}	97 @ 13.9°C ¹
PZ-4	01/23/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	380 cd	4.4 ¹	130 @ 18.8°C ¹
PZ-4	04/10/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	1400	NA	NA
PZ-4	07/09/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	31 J	NA	NA
PZ-4	11/06/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	250 b	NA	NA
PZ-4	03/05/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	66Jb	NA	NA
PZ-4	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	56J	1.5	240 @ 12.3°C
PZ-4	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	28 JB	5	70 @ 13.5°C
PZ-4	11/18/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	83 JB	1	200 @ 4.8°C
PZ-4	02/23/98	0.2 U	0.16 U	0.36 U	0.29 U	1.15 U	--	0.3 U	0.34 U	50 U	100 U	6	134 @ 9.1°C
PZ-4	05/27/98	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<100	<101	4	220 @ 17.2°C
PZ-4	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	3	157 @ 11.0°C
PZ-4	11/30/98	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<140	5	146 @ 5.6°C
PZ-4	03/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<120	10	74 @ 6.2°C
PZ-4	06/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	<100	4	54 @ 12.2°C
PZ-4	09/20/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	3	44 @ 8.6°C
PZ-4	12/16/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	<100	1	191 @ 3.6°C
PZ-4	03/02/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	281e	2.77	194 @ 11.2°C
PZ-4	06/07/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	<100	0.82	69.6 @ 14.1°C

TABLE 2
SUMMARY OF
GROUNDWATER ANALYTICAL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)
PZ-5	05/03-04/95	NA	ND	ND	NA	NA	NA	ND	ND	ND	0.16	NA	NA
PZ-5	10/24/95	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	1,700bc	3.72 ^{1,2}	125 @ 13.2°C ¹
PZ-5	01/23/96	10 U	1.8	1.0 U	1.0 U	1.0 U	1.8	1.0 U	1.0 U	100 U	990 cd	2.2 ¹	150 @ 18.2°C ¹
PZ-5	04/10/96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PZ-5	07/09/96	10 U	7.2	1.8	1.0 U	32	41	27	6.9	410	1,100	NA	NA
PZ-5	11/06/96	10 U	4.5	1.0 U	1.0 U	1.8	6.3	1.0 U	1.0 U	100 U	950 b	NA	NA
PZ-5	03/06/97	10 U	6.3	1.0 U	1.0 U	1.0 U	6.3	1.0 U	1.0 U	260	760 b	NA	NA
PZ-5	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	190	1	255 @ 11.3°C
PZ-5	08/20/97	Well Abandoned.											
RW-1	05/14/97	10 U	0.5 U	61	31	160	250	7.1	3.8	980	1,700	1	260 @ 9.3°C
RW-1	08/20/97	10 U	2.1	50	60	220	330	25	4.3	700	1,200	7	75 @ 16.6°C
RW-1	11/19/97	50 U	10 U	44	69	230	343	45	10 U	2,500	5,400	4	55 @ 7.7°C
RW-1	02/24/98	0.2 U	1.7	9.4	13	210	234.1	120	41	2,100	330,000	6	72 @ 10.9°C
RW-1	05/27/98	1.1	4.5	26.2	33.1	179	243.9	18	7	260	11,700	10	220 @ 16°C
RW-1	08/25/98	ND	2.0	10.0	8.0	53	73	7.0	2.0	220	1,490	>10	23 @ 23.5°C
RW-1	11/30/98	<0.22	2.5	13.0	11	78	104.5	10	2.6	400	2,200	10	-122 @ 8.5°C
RW-1	03/03/99	Insufficient groundwater present to allow sample collection.											
RW-1	06/03/99	<1.0	4.1	27	46	197	274.1	28	8.2	670	1,600	6	-24 @ 12.3°C
RW-1	09/20/99	<0.22	3.7	22	47	208	280.7	39	10	890	4,200	8	86 @ 11.7°C
RW-1	12/16/99	Not sampled due to well obstruction.											
RW-1	03/02/00	Not analyzed due to broken sample vials.											
RW-1	06/07/00	<0.3	0.85	8.29	10.20	40.70	60.039	6.20	2.42	264	7,460	3.5	75 @ 5.4°C
RW-1	08/20/97	10 U	0.5 U	210	210	840	1,300	320	110	4,400	3,100	10	135 @ 16.4°C
RW-2	11/19/97	25 U	13	22	10 U	62	97	24	9.4	960	2,200	5	30 @ 7.4°C
RW-2	02/24/98	0.27	2.3	23	23	110	158.57	52	25	1,200	200,000	7	36 @ 10.9°C
RW-2	05/27/98	2.4	3.8	98.1	82.8	231	418.1	96	42	980	8,280	10	110 @ 15.3°C
RW-2	08/25/98	5.0	3.0	73.0	43.0	228	352	46.0	18.0	1,190	NS	>10	3 @ 18.6°C
RW-2	11/30/98	Insufficient groundwater present to allow sample collection.											

TABLE 2
SUMMARY OF
GROUNDWATER ANALYTICAL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)	
RW-2	03/03/99	Insufficient groundwater present to allow sample collection.												
RW-2	06/03/99	<1.0	<1.0	26	30	118	174	24	9.0	450	720	NS	-55 @ 12.9°C	
RW-2	09/20/99	5.3	2.1	150	190	760	1,102	180	57	4,000	2,500	2	-7 @ 12.8°C	
RW-2	12/16/99	<0.22	<0.26	19	18	114	151	18	10.0	710	1,900	1	182 @ 3.1°C	
RW-2	03/02/00	Not analyzed due to broken sample vials.												
RW-2	06/07/00	<1.5	5.49	119	167	548	839.49	155	47.2	2,030	14,500	1.02	85.4 @ 8.0°C	
RW-3	05/14/97	10 U	0.5 U	67	35	170	270	12	3.7	970	1,900	1.5	155 @ 9.7°C	
RW-3	08/20/97	50 U	11	5.0 U	5.0 U	29	40	5.0 U	24	980	100,000	3	120 @ 14.4°C	
RW-3	11/19/97	5.0 U	6.2	1.0 U	2.9	1.0 U	9.1	10	7.3	3,100	15,000	3	35 @ 7.4°C	
RW-3	02/24/98	0.38	26	0.57	2.0	5.6	34.55	12	8.6	4,500	28,000	6	1 @ 10.7°C	
RW-3	05/27/98	1.8	46.2	1.9	2.8	20.4	73.1	7	10	110	330,000	5	30 @ 16.3°C	
RW-3	08/25/98	ND	12	2	ND	1	15	3	2	1,240	68,400	>10	-7 @ 17.2°C	
RW-3	11/30/98	<0.22	1.5	<0.21	<0.24	<1.34	1.5	<0.86	<0.54	59	1,500	10	-86 @ 8.6°C	
RW-3	03/03/99	<1.0	1.4	<1.0	<1.0	<3.0	1.4	<1.0	<2.0	65	NS	NS	NS	
RW-3	06/03/99	<1.0	1.8	1.6	4.0	60	67.4	10	6.2	400	1,900	6	-28 @ 11.4°C	
RW-3	09/20/99	0.74	12	2.7	8.1	87	109.8	15	3.8	460	18,000	2	6 @ 9.9°C	
RW-3	12/16/99	<0.22	4.0	0.46	0.32	<1.34	4.78	<0.86	<0.54	91	7,400	1	-7 @ 1.0°C	
RW-3	03/02/00	<0.3	24.4	0.561	2.27	1.16	28.391	3.41	0.258	340f	8,770	1.76	39.8 @ 9.8°C	
RW-3	06/07/00	<0.3	1.60	<0.4	2.69	11.26	15.55	9.81	2.90	231f	12,600	0.6	31.4 @ 12.7°C	
Trip Blank #19	04/10/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	--	--	--	
Trip Blank #1	04/10/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	--	--	--	
Trip Blank #07	07/18/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	--	--	--	
Trip Blank #20	07/18/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	--	--	--	
Trip	03/05/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	--	--	--	
Trip	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	--	--	--	
Trip	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	--	--	--	
Trip	11/18/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	--	--	--	
Trip	02/24/98	0.2 U	0.16 U	0.36 U	0.29 U	1.15 U	--	0.3 U	0.34 U	50 U	--	--	--	

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BRUCE, WISCONSIN

Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)
Trip	05/27/98	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	NA	--	--	--
Trip	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--
Trip	11/30/98	NS	NS	NS	NS	NS	--	NS	NS	NS	--	--	--
Trip	03/03/99	<1.0	<1.0	<1.0	<1.0	<3.0	--	<1.0	<2.0	<50	--	--	--
Trip	12/16/99	<0.22	<0.26	<0.21	<0.24	<1.34	--	<0.86	<0.54	<50	--	--	--
Trip Blank	03/02/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	--	--	--
Trip Blank	06/07/00	<0.3	<0.15	<0.4	<0.5	<0.4	--	<0.4	<0.15	<50.0	--	--	--
Field Blank	03/05/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	--	--	--
Field Blank	05/14/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	--	--	--
Field Blank	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	--	--	--
Field Blank	11/18/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	12 JB	--	--
Field Blank	02/24/98	0.2 U	0.16 U	0.36 U	0.29 U	1.15 U	--	0.3 U	0.34 U	50 U	100 U	--	--
Field Blank	05/27/98	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<100	<104	--	--
Field Blank	08/25/98	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--
Field Blank	11/30/98	NS	NS	NS	NS	NS	--	NS	NS	NS	--	--	--
Field Blank	03/03/99	NS	NS	NS	NS	NS	--	NS	NS	NS	--	--	--
Field Blank	06/07/00	NS	NS	NS	NS	NS	--	NS	NS	NS	--	--	--
Duplicate #1	11/06/96	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	120 b	--	--
Duplicate	03/05/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	45 Jb	--	--
Duplicate	05/14/97	100 U	59	600	10 U	1,700	2,400	30	94	100 U	45 Jb	--	--
Duplicate	08/20/97	10 U	0.5 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	20 JB	--	--
Duplicate	11/18/97	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	100 U	61 JB	--	--
Duplicate	02/23/98	0.2 U	0.16 U	0.36 U	0.29 U	1.15 U	--	0.3 U	0.34 U	50 U	100 U	--	--
Duplicate	05/27/98	<1.0	37	840	430	1830	--	400	90	5400	21,600	--	--
Duplicate	08/25/98	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--
Duplicate	11/30/98	NS	NS	NS	NS	NS	--	NS	NS	NS	NS	--	--
Duplicate	03/03/00	<15	8.25	141	174	1,180	1,503	182	62.7	7,790	NS	--	--
Duplicate	06/07/00	<6	21.2	301	502	2,450	3,274	517	153	6,640	10,200	--	--

TABLE 2
SUMMARY OF
GROUNDWATER ANALYTICAL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Sample Location	Date Sampled	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	GRO (µg/L)	DRO (µg/L)	Dissolved Oxygen (mg/L)	Redox (mV)
ES		60	5	1000	700	10000		480	480	NE	NE		
PAL		12	0.5	200	140	1000		96	96	NE	NE		

NA = Not Analyzed
ND = Not Detected

Data prior to 1997 compiled by Secor International Incorporated.

ES = Enforcement Standard

PAL = Preventive Action Limit

NS = Not Sampled

- i = Data represents the concentration of the sample when analyzed. The method for this analyte requires that it be analyzed immediately upon sampling.
- z = Samples were not taken in glass jars with glass lids and some contained headspace when received at the laboratory, therefore, the concentrations listed should only be considered estimates.
- b = Chromatographic data indicates the presence of material heavier than diesel organics.
- c = Diesel component spikes associated with this data were outside of the method's acceptability limits, although they were within the laboratory's statistical control limits.
- d = Material heavier than diesel range organics is present.
- e = Chromatograph data is not characteristic for a fuel oil or diesel fuel, and appears to indicate a non-petroleum substance.
- f = Chromatograph data is not characteristic for either gasoline or aged gasoline.
- J = Indicates compound found above MDL but below reporting limits.
- U = Indicates that the analyte was analyzed for but not detected at or above the reporting limit indicated.
- B = Indicates that the analyte was found in the blank as well as the sample.

TABLE 2 (continued)
SUMMARY OF
GROUNDWATER ANALYTICAL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Sample Number	Date	Acenaphthylene	Acenaphthene	Anthracene	Benzo (a) anthracene	Benzo (e) pyrene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (g,h,i) perylene	Benzo (h) anthracene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Phenanthrene	Phenanthrene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs
MW-4	06/07/00	Not analyzed for PAHs																		
MW-5	05/14/97	0.2U	0.3U	0.1U	0.05U	0.07U	0.07U	0.06U	0.06U	0.02U	0.09U	0.09U	0.09U	0.2U	0.09U	0.07U	0.5U	0.1U	0.1U	ND
MW-5	08/20/97	0.8	0.3U	0.2	0.01U	0.07U	0.07U	0.06U	0.06U	0.02U	0.03U	0.09U	0.3	0.8	0.1U	50	7.1	3	0.5	110.9
MW-5	11/19/97	0.1U	0.3U	0.07U	0.05U	0.07U	0.07U	0.06U	0.06U	0.02U	0.02U	0.09U	0.1U	0.2	0.1U	9.7	3.8	0.7	0.2	23.8
MW-5	02/24/98	76U	69U	2.9U	1.6U	1.6U	1.5U	1.6U	1.6U	1.2U	1.9U	1.8U	1.6U	1.6U	68U	63U	72U	51	1.5U	51
MW-5	05/27/98	< 52.1	< 104	< 34.4	< 6.8	< 5.2	< 9.4	< 39.6	< 15.6	< 10.9	< 7.8	< 10.9	< 22.4	< 33.3	NA	NA	93.8	< 14.1	< 14.1	93.8
MW-5	08/25/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-5	11/30/98	< 15	< 13	< 0.69	< 0.46	< 0.49	< 0.49	< 0.69	< 0.66	< 0.52	< 0.52	< 0.66	< 0.49	< 0.49	2.3	18	< 14	29	< 0.56	70.00
MW-5	03/03/99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-5	06/03/99	< 1.6	< 1.4	< 0.70	< 0.050	< 0.050	< 0.070	< 0.070	< 0.050	< 0.050	< 0.050	< 0.070	< 0.050	< 0.050	< 1.2	< 1.2	< 1.4	< 0.15	< 0.160	ND
MW-5	09/20/99	Groundwater sample not collected.																		
MW-5	12/16/99	Not analyzed for PAHs																		
MW-5	03/02/00	< 0.1	< 0.15	< 0.09	< 0.03	0.088	< 0.02	< 0.09	< 0.06	< 0.03	< 0.02	< 0.06	< 0.03	< 0.03	0.309	< 0.12	< 0.06	< 0.11	< 0.1	0.397
MW-5	06/07/00	< 0.1	< 0.15	< 0.09	< 0.03	< 0.02	< 0.02	< 0.09	< 0.06	< 0.03	< 0.02	< 0.06	2.02	0.239	5.98	3.88	0.489	< 0.11	< 0.1	12.648
MW-6	05/14/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	08/20/97	0.2U	0.3U	0.1U	0.05U	0.07U	0.07U	0.06U	0.06U	0.02U	0.09U	0.09U	0.2U	0.09U	0.07U	0.07U	0.5U	0.1U	0.1U	ND
MW-6	11/19/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	02/24/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	05/27/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	08/25/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	11/30/98	Insufficient groundwater present to allow sample collection.																		
MW-6	03/03/99	< 1.6	< 1.4	< 0.70	< 0.050	< 0.050	< 0.070	< 0.070	< 0.050	< 0.050	< 0.050	< 0.070	< 0.050	< 0.050	< 1.2	< 1.2	< 1.4	< 0.15	< 0.160	ND
MW-6	06/03/99	Insufficient groundwater present to allow sample collection.																		
MW-6	09/20/99	Insufficient groundwater present to allow sample collection.																		
MW-6	12/16/99	Insufficient groundwater present to allow sample collection.																		
MW-7	05/14/97	0.2U	0.8	0.04U	0.02U	0.03U	0.01U	0.06U	0.06U	0.02U	0.03U	0.09U	0.05U	0.2	0.01U	6.7	2.2	0.4	0.2	19.9
MW-7	08/20/97	0.2U	0.3U	0.1U	0.05U	0.07U	0.07U	0.06U	0.06U	0.02U	0.09U	0.09U	0.2U	0.09U	0.07U	0.04U	0.1U	0.1U	0.1U	ND
MW-7	11/19/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	02/24/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	05/27/98	< 1.0	< 2.0	< 0.7	< 0.1	< 0.1	< 0.2	< 0.8	< 0.2	< 0.2	< 0.2	< 0.3	< 0.2	< 0.2	NA	NA	< 1.0	< 0.3	< 0.3	ND
MW-7	08/25/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	11/30/98	< 1.1	< 0.93	< 0.048	< 0.032	< 0.034	< 0.034	< 0.048	< 0.045	< 0.020	< 0.036	< 0.045	< 0.034	< 0.034	< 0.82	< 0.82	< 0.95	< 0.10	< 0.039	ND
MW-7	03/03/99	Not accessible due to ice and snow banks.																		
MW-7	06/03/99	< 1.6	< 1.4	< 0.70	< 0.050	< 0.050	< 0.070	< 0.070	< 0.050	< 0.050	< 0.050	< 0.070	< 0.050	< 0.050	< 1.2	< 1.2	< 1.4	< 0.15	< 0.160	ND
MW-7	09/20/99	< 0.47	< 0.41	< 0.21	< 0.014	< 0.015	< 0.015	< 0.021	< 0.020	< 0.015	< 0.016	< 0.020	< 0.015	< 0.015	< 0.36	< 0.36	< 0.42	< 0.046	< 0.017	ND
MW-7	12/16/99	Insufficient groundwater present to allow sample collection.																		
MW-7	03/02/00	Insufficient groundwater present to allow sample collection.																		
MW-7	06/07/00	< 0.1	< 0.15	< 0.09	< 0.03	< 0.02	< 0.02	< 0.09	< 0.06	< 0.03	< 0.02	< 0.06	< 0.03	< 0.03	< 0.13	< 0.12	< 0.06	< 0.11	< 0.1	ND
MW-8	05/14/97	0.2U	0.3U	0.1U	0.05U	0.07U	0.07U	0.06U	0.06U	0.02U	0.09U	0.09U	0.2U	0.09U	0.07U	0.07U	0.5U	0.1U	0.1U	ND
MW-8	08/20/97	0.2U	0.3U	0.1U	0.05U	0.07U	0.07U	0.06U	0.06U	0.02U	0.09U	0.09U	0.2U	0.09U	0.07U	0.07U	0.5U	0.1U	0.1U	ND
MW-8	11/19/97	0.1U	0.3U	0.1U	0.05U	0.07U	0.07U	0.06U	0.06U	0.02U	0.09U	0.09U	0.2U	0.09U	0.07U	0.07U	0.5U	0.1U	0.1U	ND
MW-8	02/24/98	0.51U	0.46U	0.019U	0.011U	0.011U	0.010U	0.011U	0.010U	0.0080U	0.013U	0.012U	0.011U	0.011U	0.45U	0.42U	0.48U	0.050U	0.010U	ND
MW-8	05/27/98	< 1.0	< 2.0	< 0.7	< 0.1	< 0.1	< 0.2	< 0.8	< 0.2	< 0.2	< 0.2	< 0.3	< 0.2	< 0.2	NA	NA	< 1.0	< 0.6	< 0.3	ND
MW-8	08/25/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8	11/30/98	< 0.60	< 0.53	< 0.27	< 0.018	< 0.019	< 0.019	< 0.027	< 0.026	< 0.019	< 0.021	< 0.026	< 0.019	< 0.019	< 0.46	< 0.46	< 0.54	< 0.059	< 0.022	ND
MW-8	03/25/99	< 1.6	< 1.4	< 0.70	< 0.050	< 0.050	< 0.070	< 0.070	< 0.050	< 0.050	< 0.050	< 0.070	< 0.050	< 0.050	< 1.2	< 1.2	< 1.4	< 0.15	< 0.160	ND

TABLE 2 (continued)
SUMMARY OF
GROUNDWATER ANALYTICAL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Sample Number	Date	Acenaph- thene	Acenaph- thylene	Anthra- cene	Benzo (a)- anthracene	Benzo (a)- pyrene	Benzo (b)- fluor- anthene	Benzo (k)- fluor- anthene	Chrysene	Dibenz- (ah)- anthracene	Fluoran- thene	Fluorene	Ideno- (1,2,3-cd)- pyrene	1-Methyl- naphthalene	2-Methyl- naphthalene	Naph- thalene	Phenan- threne	Pyrene	Total PAHs
RW-1	09/20/99	<2.4	<2.1	<0.11	<0.072	<0.077	<0.077	<0.046	<0.082	<0.10	<0.077	<0.30	<0.13	4.5	3.2	11	1.8	<0.088	20.5
RW-1	12/16/99	Groundwater samples not collected.																	
RW-1	03/02/00	<1.0	<0.15	<0.09	<0.03	<0.02	<0.02	<0.03	<0.02	<0.06	<0.03	<0.11	<0.06	<0.13	<0.12	<0.06	<0.11	<0.1	ND
RW-1	06/07/00	<1.0	<0.15	<0.09	<0.03	<0.02	<0.02	<0.03	<0.02	<0.06	<0.03	<0.11	<0.06	<0.13	<0.12	<0.06	<0.11	<0.1	0.033
RW-2	08/20/97	0.6	19	0.021	0.031	0.071	0.071	0.021	0.091	0.091	0.21	0.7	0.11	31	25	66	0.4	0.031	142.1
RW-2	11/19/97	0.71	0.3	0.11	0.031	0.071	0.071	0.021	0.091	0.091	0.21	0.091	0.11	0.041	0.051	0.11	0.11	0.11	0.3
RW-2	02/24/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RW-2	05/27/98	<1.0	<2.0	<0.7	<0.1	<0.1	<0.2	<0.2	<0.2	<0.3	<0.2	<0.2	<0.4	NA	NA	11	<0.6	<0.3	11
RW-2	08/25/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RW-2	11/30/98	Insufficient groundwater present to allow sample collection.																	
RW-2	03/25/99	Insufficient groundwater present to allow sample collection.																	
RW-2	06/03/99	<1.6	<1.4	<0.070	<0.050	<0.050	<0.050	<0.030	<0.050	<0.070	<0.050	<0.19	<0.080	<1.2	<1.2	<1.4	<0.15	<0.060	ND
RW-2	09/20/99	Groundwater sample not analyzed																	
RW-2	12/16/99	<0.47	<0.41	<0.21	<0.014	<0.015	<0.015	<0.0090	<0.016	<0.020	<0.015	<0.058	<0.025	<0.36	<0.36	<0.42	<0.046	0.026	0.026
RW-2	03/02/00	<0.40	<0.6	<0.36	<0.12	<0.08	<0.08	<0.12	<0.08	<0.24	<0.12	<0.44	<0.24	<0.52	1.25	1.36	<0.44	<0.4	2.61
RW-2	06/07/00	<1.0	<0.15	<0.09	<0.03	<0.02	<0.02	<0.03	<0.02	<0.06	<0.03	<0.11	<0.06	9.59	14.4	32.3	<0.11	<0.1	56.29
RW-3	05/14/97	0.3	2.3	0.11	0.051	0.071	0.071	0.021	0.091	0.091	0.21	0.071	0.11	0.1	0.4	0.17	0.051	0.041	2.8
RW-3	08/20/97	7.8	0.91	3.9	0.8	0.2	0.2	0.061	1.1	0.031	11	9.2	0.31	4.3	0.6	0.21	14	25	70.3
RW-3	11/19/97	0.3	0.21	0.1	0.06	0.071	0.071	0.021	0.09	0.091	0.2	0.4	0.11	0.6	0.8	0.31	0.4	0.7	3.35
RW-3	02/24/98	26.0	23.0	0.951	1.5	0.531	0.501	0.401	4	0.601	0.551	3.001	0.601	22.0	21.0	24.0	9.4	0.81	15.71
RW-3	05/27/98	<100	<200	<66.0	38.0	<10.0	<18.0	<17.0	34.0	<30.0	<21.0	<21.0	<43.0	NA	NA	<100	<64.0	<27.0	72
RW-3	08/25/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RW-3	11/30/98	<1.9	<1.6	<0.084	0.16	<0.060	<0.060	<0.036	0.31	<0.080	<0.060	<0.23	<0.100	<1.4	<1.4	<1.7	1.4	0.099	1.969
RW-3	03/25/99	Insufficient groundwater present to allow sample collection																	
RW-3	06/03/99	<1.6	<1.4	<0.42	0.38	<0.050	<0.30	<0.070	<0.30	<0.42	<0.30	<0.19	<0.080	<1.2	<1.2	<1.4	1.2	<0.36	1.58
RW-3	09/20/99	<0.47	<0.41	<0.21	0.13	<0.015	0.027	<0.021	0.14	<0.020	<0.015	<0.058	<0.025	<0.36	<0.36	<0.42	0.42	0.052	0.769
RW-3	12/16/99	<2.8	<2.5	0.21	0.5	<0.090	0.14	<0.054	0.48	<0.12	<0.090	<0.35	<0.15	<2.2	<2.2	<2.5	1.1	<0.10	2.43
RW-3	03/02/00	0.198	<0.15	<0.09	<0.03	<0.02	<0.02	<0.03	<0.02	<0.06	<0.03	<0.11	<0.06	0.283	<0.12	0.802	<0.11	<0.1	1.283
RW-3	06/07/00	<0.1	<0.15	<0.09	<0.03	<0.02	<0.02	<0.03	<0.02	<0.06	<0.03	<0.11	<0.06	<0.13	<0.12	<0.06	<0.11	<0.1	ND
ES		40	400	0.2	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
PAL		8	80	0.02	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80

Notes: All values reported are in ug/L or parts per billion (ppb.)
 ND = Not Detected Above Method Detection Limits
 ES = Enforcement Standard
 PAL = Preventive Action Limit
 U = Indicates that the analyte was analyzed for but not detected at or above the reporting limit indicated.
 B = Indicates that the analyte was found in the blank as well as the sample.
 < 1.0 = Indicates that the analyte was not found above the reporting limits.

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)
MW-1	06/92	1106.48	NR	1096.98	NR
MW-1	06/92	1106.48	NR	1096.98	NR
MW-1	07/93	1106.48	NR	1097.87	NR
MW-1	01/94	1106.48	NR	1095.99	NR
MW-1	02/94	1106.48	NR	1095.73	NR
MW-1	05/94	1106.48	NR	1098.54	NR
MW-1	10/24/95	1106.48	8.45	1098.03	ND
MW-1	01/22/96	1106.48	10.08	1096.40	ND
MW-1	04/10/96	1106.48	8.26	1098.22	ND
MW-1	07/09/96	1106.48	9.12	1097.36	ND
MW-1	11/06/96	1106.48	8.14	1098.34	ND
MW-1	03/06/97	1106.48	11.05	1095.43	ND
MW-1	03/28/97	1106.48	9.05	1097.43	ND
MW-1	04/10/97	1106.48	7.99	1098.49	ND
MW-1	05/13/97	1106.48	9.55	1096.93	ND
MW-1	06/11/97	1106.48	9.92	1096.56	ND
MW-1	07/08/97	1106.48	9.17	1097.31	ND
MW-1	08/19/97	1106.48	9.51	1096.97	ND
MW-1	10/02/97	1106.48	9.59	1096.89	ND
MW-1	11/18/97	1106.48	10.65	1095.83	ND
MW-1	12/17/97	1106.48	11.31	1095.17	ND
MW-1	01/29/98	1106.48	12.01	1094.48	0.01
MW-1	02/23/98	1106.48	10.82	1095.66	ND
MW-1	03/19/98	1106.48	9.65	1096.83	ND
MW-1	04/03/98	1106.48	6.91	1099.57	ND
MW-1	05/27/98	1106.48	9.59	1096.89	ND
MW-1	07/15/98	1106.48	19.59	1086.89	ND
MW-1	08/25/98	1106.48	9.75	1096.73	ND
MW-1	11/30/98	1106.48	10.38	1096.10	ND
MW-1	03/25/99	1106.48	10.95	1095.53	ND
MW-1	06/03/99	1106.48	8.97	1097.51	ND
MW-1	09/20/99	1106.48	9.77	1096.71	ND
MW-1	12/16/99	1106.48	11.13	1095.35	ND
MW-1	03/02/00	1106.48	9.71	1096.77	ND
MW-1	06/07/00	1106.48	9.18	1097.30	ND
MW-2	06/92	1106.82	NR	1097.22	NR
MW-2	07/93	1106.82	NR	1097.93	NR
MW-2	01/94	1106.82	NR	1095.94	NR
MW-2	02/94	1106.82	NR	1095.68	NR
MW-2	05/94	1106.82	NR	1098.72	NR
MW-2	10/24/95	1106.82	8.64	1098.18	ND

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)
MW-1	06/92	1106.48	NR	1096.98	NR
MW-2	01/22/96	1106.82	10.19	1096.63	ND
MW-2	04/10/96	1106.82	8.37	1098.45	ND
MW-2	07/09/96	1106.82	9.02	1097.80	ND
MW-2	11/06/96	1106.82	8.05	1098.77	ND
MW-2	03/06/97	1106.82	10.85	1095.97	ND
MW-2	03/28/97	1106.82	7.83	1098.99	ND
MW-2	04/10/97	1106.82	7.70	1099.12	ND
MW-2	05/13/97	1106.82	9.49	1097.33	ND
MW-2	06/11/97	1106.82	10.07	1096.75	ND
MW-2	07/08/97	1106.82	9.44	1097.38	ND
MW-2	08/19/97	1106.82	9.45	1097.37	ND
MW-2	10/02/97	1106.82	9.57	1097.25	ND
MW-2	11/18/97	1106.82	10.69	1096.13	ND
MW-2	12/17/97	1106.82	11.30	1095.52	ND
MW-2	01/29/98	1106.82	11.82	1095.00	ND
MW-2	02/23/98	1106.82	10.98	1095.84	ND
MW-2	03/19/98	1106.82	9.59	1097.23	ND
MW-2	04/03/98	1106.82	7.17	1099.65	ND
MW-2	05/27/98	1106.82	9.58	1097.24	ND
MW-2	07/15/98	1106.82	19.68	1087.14	ND
MW-2	08/25/98	1106.82	9.91	1096.91	ND
MW-2	11/30/98	1106.82	10.61	1096.21	ND
MW-2	03/25/99	1106.82	10.79	1096.03	ND
MW-2	06/03/99	1106.82	9.10	1097.72	ND
MW-2	09/20/99	1106.82	10.03	1096.79	ND
MW-2	12/16/99	1106.82	11.77	1095.05	ND
MW-2	03/02/00	1106.82	10.19	1096.63	ND
MW-2	06/07/00	1106.82	9.49	1097.33	ND
MW-3	06/92	1106.81	NR	1097.22	NR
MW-3	07/93	1106.81	NR	1097.84	NR
MW-3	01/94	1106.81	NR	1093.19	NR
MW-3	02/94	1106.81	NR	1089.66	NR
MW-3	05/94	1106.81	NR	1098.44	NR
MW-3	10/24/95	1106.81	8.90	1097.91	ND
MW-3	01/22/96	1106.81	10.42	1096.39	ND
MW-3	04/10/96	1106.81	8.67	1098.14	ND
MW-3	07/09/96	1106.81	9.11	1097.70	ND
MW-3	11/06/96	1106.81	9.34	1097.47	ND
MW-3	03/06/97	1106.81	10.53	1096.28	ND
MW-3	03/06/97	1106.81	8.39	1098.42	ND

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)	
MW-1	06/92	1106.48	NR	1096.98	NR	
MW-3	04/10/97	1106.81	8.21	1098.60	ND	
MW-3	05/13/97	1106.81	9.52	1097.29	ND	
MW-3	06/11/97	1106.81	9.90	1096.91	ND	
MW-3	07/08/97	1106.81	9.08	1097.73	ND	
MW-3	08/19/97	1106.81	9.43	1097.38	ND	
MW-3	10/02/97	1106.81	9.67	1097.14	ND	
MW-3	11/18/97	1106.81	13.59	1093.22	ND	
MW-3	12/17/97	1106.81	dry		ND	
MW-3	01/29/98	1106.81	dry		ND	
MW-3	02/23/98	1106.81	dry		ND	
MW-3	03/19/98	1106.81	9.50	1097.31	ND	
MW-3	04/03/98	1106.81	6.68	1100.13	ND	
MW-3	05/27/98	1106.81	9.69	1097.12	ND	
MW-3	07/15/98	1106.81	19.77	1087.04	ND	
MW-3	08/25/98	Well destroyed during site decommissioning in 7/98.				
MW-4	06/92	1104.86	NR	--	NR	
MW-4	07/93	1104.86	NR	1097.56	NR	
MW-4	01/94	1104.86	NR	1095.73	NR	
MW-4	02/94	1104.86	NR	1095.53	NR	
MW-4	05/94	1104.86	NR	1098.13	NR	
MW-4	10/24/95	1104.86	7.15	1097.71	ND	
MW-4	01/22/96	1104.86	8.61	1096.25	ND	
MW-4	04/10/96	1104.86	6.87	1097.99	ND	
MW-4	07/09/96	1104.86	7.60	1097.26	ND	
MW-4	11/06/96	1104.86	7.61	1097.25	ND	
MW-4	03/06/97	1104.86	9.32	1095.54	ND	
MW-4	03/28/97	1104.86	8.75	1096.11	ND	
MW-4	04/10/97	1104.86	6.35	1098.51	ND	
MW-4	05/13/97	1104.86	7.99	1096.87	ND	
MW-4	06/11/97	1104.86	8.44	1096.42	ND	
MW-4	07/08/97	1104.86	7.87	1096.99	ND	
MW-4	08/19/97	1104.86	7.93	1096.93	ND	
MW-4	10/02/97	1104.86	8.01	1096.85	ND	
MW-4	11/18/97	1104.86	8.96	1095.90	ND	
MW-4	12/17/97	1104.86	9.52	1095.34	ND	
MW-4	01/29/98	1104.86	11.85	1093.01	ND	
MW-4	02/23/98	1104.86	11.88	1092.98	ND	
MW-4	03/19/98	1104.86	8.00	1096.86	ND	
MW-4	04/03/98	1104.86	5.34	1099.52	ND	
MW-4	05/27/98	1104.86	8.11	1096.75	ND	

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)
MW-1	06/92	1106.48	NR	1096.98	NR
MW-4	07/15/98	1104.86	8.07	1096.79	ND
MW-4	08/25/98	1104.86	8.00	1096.86	ND
MW-4	11/30/98	1104.86	8.51	1096.35	ND
MW-4	03/25/99	1104.86	9.46	1095.40	ND
MW-4	06/03/99	1104.86	7.19	1097.67	ND
MW-4	09/20/99	1104.86	7.97	1096.89	ND
MW-4	12/16/99	1104.86	9.53	1095.33	ND
MW-4	03/02/00	1104.86	8.38	1096.48	ND
MW-4	06/07/00	1104.86	7.47	1097.39	ND
MW-5	06/92	1103.70	NR	--	NR
MW-5	07/93	1103.70	NR	1097.57	NR
MW-5	01/94	1103.70	NR	1093.71	NR
MW-5	02/94	1103.70	NR	1092.04	NR
MW-5	05/94	1103.70	NR	1098.35	NR
MW-5	10/24/95	1103.70	5.80	1097.90	ND
MW-5	04/10/96	1103.70	5.64	1098.06	ND
MW-5	07/09/96	1103.70	6.58	1097.12	ND
MW-5	11/06/96	1103.70	6.56	1097.14	ND
MW-5	03/06/97	1103.70	9.79	1093.91	ND
MW-5	03/28/97	1103.70	6.15	1097.55	ND
MW-5	04/10/97	1103.70	5.49	1098.21	ND
MW-5	05/13/97	1103.70	6.92	1096.78	ND
MW-5	06/11/97	1103.70	7.23	1096.47	ND
MW-5	07/08/97	1103.70	6.44	1097.26	ND
MW-5	08/19/97	1103.70	6.83	1096.87	ND
MW-5	10/02/97	1103.70	6.89	1096.81	ND
MW-5	11/18/97	1103.70	8.58	1095.12	ND
MW-5	12/17/97	1103.70	9.75	1093.95	ND
MW-5	01/29/98	1103.70	11.83	1091.87	ND
MW-5	02/23/98	1103.70	7.36	1096.34	ND
MW-5	03/19/98	1103.70	7.13	1096.57	ND
MW-5	04/03/98	1103.70	4.38	1099.32	ND
MW-5	05/27/98	1103.70	7.01	1096.69	ND
MW-5	07/15/98	1103.70	6.89	1096.81	ND
MW-5	08/25/98	1103.70	6.72	1096.98	ND
MW-5	11/30/98	1103.70	7.36	1096.34	ND
MW-5	03/25/99	1103.70	9.07	1094.63	ND
MW-5	06/03/99	1103.70	6.00	1097.70	ND
MW-5	09/20/99	Groundwater elevation not measured.			
MW-5	12/16/99	1103.70	8.96	1094.74	ND

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)
MW-1	06/92	1106.48	NR	1096.98	NR
MW-5	03/02/00	1103.70	6.94	1096.76	ND
MW-5	06/07/00	1103.70	6.17	1097.53	ND
MW-6	06/92	1106.73	NR	--	NR
MW-6	07/93	1106.73	NR	1097.74	NR
MW-6	01/94	1106.73	NR	1091.82	NR
MW-6	02/94	1106.73	NR	1091.58	NR
MW-6	05/94	1106.73	NR	1098.56	NR
MW-6	10/24/95	1106.73	8.82	1097.91	ND
MW-6	04/10/96	1106.73	8.65	1098.08	ND
MW-6	07/09/96	1106.73	10.72	1096.01	ND
MW-6	11/06/96	1106.73	10.34	1096.39	ND
MW-6	03/06/97	1106.73	14.86	1091.87	ND
MW-6	03/28/97	1106.73	10.08	1096.65	ND
MW-6	04/10/97	1106.73	7.74	1098.99	ND
MW-6	05/13/97	1106.73	14.92	1091.81	ND
MW-6	06/11/97	1106.73	14.94	1091.79	ND
MW-6	07/08/97	1106.73	14.17	1092.56	ND
MW-6	08/19/97	1106.73	14.88	1091.85	ND
MW-6	10/02/97	1106.73	14.88	1091.85	ND
MW-6	11/18/97	1106.73	14.89	1091.84	ND
MW-6	12/17/97	1106.73	Insufficient groundwater to gauge.		ND
MW-6	01/29/98	1106.73	15.35	1091.38	ND
MW-6	02/23/98	1106.73	15.35	1091.38	ND
MW-6	03/19/98	1106.73	14.77	1091.96	ND
MW-6	04/03/98	1106.73	6.58	1100.15	ND
MW-6	05/27/98	1106.73	14.92	1091.81	ND
MW-6	07/15/98	1106.73	14.86	1091.87	ND
MW-6	08/25/98	1106.73	14.26	1092.47	ND
MW-6	11/30/98	1106.73	14.89	1091.84	ND
MW-6	03/25/99	1106.73	Insufficient groundwater to gauge.		
MW-6	06/03/99	1106.73	9.07	1097.66	ND
MW-6	09/20/99	1106.73	Insufficient groundwater to gauge.		ND
MW-6	12/16/99	1106.73	14.72	1092.01	ND
MW-6	03/02/00	1106.73	15.33	1091.40	ND
MW-6	06/07/00	1106.73	9.91	1096.82	ND
MW-7	06/92	1103.81	NR	--	NR
MW-7	07/93	1103.81	NR	--	NR
MW-7	01/94	1103.81	NR	1089.56	NR
MW-7	02/94	1103.81	NR	1089.52	NR

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)
MW-1	06/92	1106.48	NR	1096.98	NR
MW-7	05/94	1103.81	NR	1094.49	NR
MW-7	10/24/95	1103.81	6.43	1097.38	ND
MW-7	04/10/96	1103.81	NR	NR	NR
MW-7	07/09/96	1103.81	7.11	1096.70	ND
MW-7	11/06/96	1103.81	6.70	1097.11	ND
MW-7	03/06/97	1103.81	13.83	1089.98	ND
MW-7	03/28/97	1103.81	8.91	1094.90	ND
MW-7	04/10/97	1103.81	6.21	1097.60	ND
MW-7	05/13/97	1103.81	9.41	1094.40	ND
MW-7	06/11/97	1103.81	10.04	1093.77	ND
MW-7	07/08/97	1103.81	7.00	1096.81	ND
MW-7	08/19/97	1103.81	7.36	1096.45	ND
MW-7	10/02/97	1103.81	7.11	1096.70	ND
MW-7	11/18/97	1103.81	10.29	1093.52	ND
MW-7	12/17/97	1103.81	13.15	1090.66	ND
MW-7	01/29/98	1103.81	NA		
MW-7	02/23/98	1103.81	13.95	1089.86	ND
MW-7	03/19/98	1103.81	10.14	1093.67	ND
MW-7	04/03/98	1103.81	5.29	1098.52	ND
MW-7	05/27/98	1103.81	8.66	1095.15	ND
MW-7	07/15/98	1103.81	7.15	1096.66	ND
MW-7	08/25/98	1103.81	6.84	1096.97	ND
MW-7	11/30/98	1103.81	7.57	1096.24	ND
MW-7	03/25/99	1103.81	Well not accessible.		
MW-7	06/03/99	1103.81	6.22	1097.59	ND
MW-7	09/20/99	1103.81	7.08	1096.73	ND
MW-7	12/16/99	1103.81	12.44	1091.37	ND
MW-7	03/02/00	1103.81	11.49	1092.32	ND
MW-7	06/07/00	1103.81	6.54	1097.27	ND
MW-8	03/06/97	1104.89	NA		
MW-8	04/10/97	1104.89	10.38	1094.51	ND
MW-8	05/13/97	1104.89	12.01	1092.88	ND
MW-8	06/11/97	1104.89	12.11	1092.78	ND
MW-8	07/08/97	1104.89	NM		
MW-8	08/19/97	1104.89	12.21	1092.68	ND
MW-8	10/02/97	1104.89	NA		
MW-8	11/18/97	1104.89	12.59	1092.30	ND
MW-8	12/17/97	1104.89	15.39	1089.50	ND
MW-8	01/29/98	1104.89	16.85	1088.04	ND
MW-8	02/23/98	1104.89	12.86	1092.03	ND

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)
MW-1	06/92	1106.48	NR	1096.98	NR
MW-8	04/03/98	1104.89	9.53	1095.36	ND
MW-8	05/27/98	1104.89	11.98	1092.91	ND
MW-8	07/15/98	1104.89	NR	NR	NR
MW-8	08/25/98	1104.89	11.24	1093.65	ND
MW-8	11/30/98	1104.89	12.34	1092.55	ND
MW-8	03/25/99	1104.89	12.33	1092.56	ND
MW-8	06/03/99	1104.89	11.67	1093.22	ND
MW-8	09/20/99	1104.89	11.93	1092.96	ND
MW-8	12/16/99	1104.89	13.60	1091.29	ND
MW-8	03/02/00	1104.89	17.50	1087.39	ND
MW-8	06/07/00	1104.89	11.52	1093.37	ND
MW-9	03/06/97	1106.23	18.48	1087.75	ND
MW-9	05/13/97	1106.23	17.27	1088.96	ND
MW-9	08/19/97	1106.23	14.44	1091.79	ND
MW-9	11/18/97	1106.23	18.41	1087.82	ND
MW-9	02/23/98	1106.23	18.76	1087.47	ND
MW-9	05/27/98	1106.23	17.61	1088.62	ND
MW-9	07/15/98	1106.23	NR	NR	NR
MW-9	08/25/98	1106.23	18.36	1087.87	ND
MW-9	11/30/98	1106.23	18.05	1088.18	ND
MW-9	03/25/99	1106.23	18.83	1087.40	ND
MW-9	06/03/99	1106.23	18.69	1087.54	ND
MW-9	09/20/99	Groundwater elevation not obtained.			
MW-9	12/16/99	1106.23	18.62	1087.61	ND
MW-9	03/02/00	1106.23	20.08	1086.15	ND
MW-9	06/07/00	1106.23	18.87	1087.36	ND
MW-10	03/06/97	1105.45	17.68	1087.77	ND
MW-10	05/13/97	1105.45	16.47	1088.98	ND
MW-10	08/19/97	1105.45	16.64	1088.81	ND
MW-10	11/18/97	1105.45	16.87	1088.58	ND
MW-10	02/23/98	1105.45	17.91	1087.54	ND
MW-10	05/27/98	1105.45	16.80	1088.65	ND
MW-10	07/15/98	1105.45	NR	NR	NR
MW-10	08/25/98	1105.45	17.59	1087.86	ND
MW-10	11/30/98	1105.45	18.24	1087.21	ND
MW-10	03/25/99	1105.45	Well not accessible.		
MW-10	06/03/99	1105.45	17.93	1087.52	ND
MW-10	09/20/99	1105.45	Well not accessible.		
MW-10	12/16/99	1105.45	17.80	1087.65	ND

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)
MW-1	06/92	1106.48	NR	1096.98	NR
MW-10	03/02/00	1105.45	19.47	1085.98	ND
MW-10	06/07/00	1105.45	18.06	1087.39	ND
MW-11	03/06/97	1103.46	15.64	1087.82	ND
MW-11	05/13/97	1103.46	14.44	1089.02	ND
MW-11	08/19/97	1103.46	14.61	1088.85	ND
MW-11	11/18/97	1103.46	15.57	1087.89	ND
MW-11	02/23/98	1103.46	15.88	1087.58	ND
MW-11	05/27/98	1103.46	14.79	1088.67	ND
MW-11	07/15/98	1103.46	NR	NR	NR
MW-11	08/25/98	1103.46	15.54	1087.92	ND
MW-11	11/30/98	1103.46	16.23	1087.23	ND
MW-11	03/25/99	1103.46	18.51	1084.95	ND
MW-11	06/03/99	1103.46	15.94	1087.52	ND
MW-11	09/20/99	1103.46	15.02	1088.44	ND
MW-11	12/16/99	1103.46	16.00	1087.46	ND
MW-11	03/02/00	1103.46	17.30	1086.16	ND
MW-11	06/07/00	1103.46	16.05	1087.41	ND
MW-12	03/06/97	1103.78	15.93	1087.85	ND
MW-12	05/13/97	1103.78	14.77	1089.01	ND
MW-12	08/19/97	1103.78	14.92	1088.86	ND
MW-12	11/18/97	1103.78	15.79	1087.99	ND
MW-12	02/23/98	1103.78	16.20	1087.58	ND
MW-12	05/27/98	1103.78	15.11	1088.67	ND
MW-12	07/15/98	1103.78	NR	NR	NR
MW-12	08/25/98	1103.78	15.88	1087.90	ND
MW-12	11/30/98	1103.78	16.54	1087.24	ND
MW-12	03/25/99	1103.78	Well not accessible.		
MW-12	06/03/99	1103.78	16.71	1087.07	ND
MW-12	09/20/99	1103.78	15.51	1088.27	ND
MW-12	12/16/99	1103.78	16.54	1087.24	ND
MW-12	03/02/00	1103.78	17.66	1086.12	ND
MW-12	06/07/00	1103.78	16.37	1087.41	ND
PZ-1	06/92	1107.40	NR	--	NR
PZ-1	07/93	1107.40	NR	1088.76	NR
PZ-1	01/94	1107.40	NR	1084.40	NR
PZ-1	02/94	1107.40	NR	1086.71	NR
PZ-1	05/94	1107.40	NR	1086.93	NR
PZ-1	10/24/95	1107.40	19.86	1087.54	ND

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)
MW-1	06/92	1106.48	NR	1096.98	NR
PZ-1	01/22/96	1107.40	19.41	1087.99	ND
PZ-1	04/10/96	1107.40	19.77	1087.63	ND
PZ-1	07/09/96	1107.40	18.77	1088.63	ND
PZ-1	11/06/96	1107.40	19.20	1088.20	ND
PZ-1	03/06/97	1107.40	19.62	1087.78	ND
PZ-1	05/13/97	1107.40	18.40	1089.00	ND
PZ-1	07/15/98	1107.40	NR	NR	NR
PZ-1	08/19/97	Abandoned			
PZ-2	06/92	1107.42	NR	--	NR
PZ-2	07/93	1107.42	NR	1088.72	NR
PZ-2	01/94	1107.42	NR	1087.06	NR
PZ-2	02/94	1107.42	NR	1086.67	NR
PZ-2	05/94	1107.42	NR	1087.24	NR
PZ-2	10/24/95	1107.42	19.73	1087.69	ND
PZ-2	01/22/96	1107.42	19.45	1087.97	ND
PZ-2	04/10/96	1107.42	19.75	1087.67	ND
PZ-2	07/09/96	1107.42	18.79	1088.63	ND
PZ-2	11/06/96	1107.42	19.21	1088.21	ND
PZ-2	03/06/97	1107.42	19.66	1087.76	ND
PZ-2	05/13/97	1107.42	18.42	1089.00	ND
PZ-2	08/19/97	1107.42	18.59	1088.83	ND
PZ-2	11/18/97	1107.42	18.99	1088.43	ND
PZ-2	02/23/98	1107.42	20.23	1087.19	ND
PZ-2	05/27/98	1107.42	18.78	1088.64	ND
PZ-2	07/15/98	1107.42	NR	NR	NR
PZ-2	08/25/98	1107.42	19.56	1087.86	ND
PZ-2	11/30/98	1107.42	20.20	1087.22	ND
PZ-2	03/25/99	1107.42	19.19	1088.23	ND
PZ-2	06/03/99	1107.42	20.23	1087.19	ND
PZ-2	09/20/99	1107.42	19.20	1088.22	ND
PZ-2	12/16/99	1107.42	19.88	1087.54	ND
PZ-2	03/02/00	1107.42	21.19	1086.23	ND
PZ-2	06/07/00	1107.42	20.03	1087.39	ND
PZ-3	06/92	1108.82	NR	--	NR
PZ-3	07/93	1108.82	NR	--	NR
PZ-3	01/94	1108.82	NR	1087.00	NR
PZ-3	02/94	1108.82	NR	1086.67	NR
PZ-3	05/94	1108.82	NR	1086.31	NR
PZ-3	10/24/95	1108.82	21.14	1087.68	ND

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)
MW-1	06/92	1106.48	NR	1096.98	NR
PZ-3	01/22/96	1108.82	20.86	1087.96	ND
PZ-3	04/10/96	1108.82	21.94	1086.88	ND
PZ-3	07/09/96	1108.82	20.52	1088.30	ND
PZ-3	11/06/96	1108.82	21.03	1087.79	ND
PZ-3	03/06/97	1108.82	21.06	1087.76	ND
PZ-3	05/13/97	1108.82	19.84	1088.98	ND
PZ-3	05/13/97	1108.82	NR	NR	NR
PZ-3	08/19/97	Abandoned			
PZ-4	06/92	1108.84	NR	--	NR
PZ-4	07/93	1108.84	NR	--	NR
PZ-4	01/94	1108.84	NR	1087.02	NR
PZ-4	02/94	1108.84	NR	1086.68	NR
PZ-4	05/94	1108.84	NR	1086.27	NR
PZ-4	10/24/95	1108.84	21.46	1087.38	ND
PZ-4	01/22/96	1108.84	20.87	1087.97	ND
PZ-4	04/10/96	1108.84	21.37	1087.47	ND
PZ-4	07/09/96	1108.84	20.60	1088.24	ND
PZ-4	11/06/96	1108.84	20.97	1087.87	ND
PZ-4	03/06/97	1108.84	21.07	1087.77	ND
PZ-4	05/13/97	1108.84	19.86	1088.98	ND
PZ-4	08/19/97	1108.84	20.03	1088.81	ND
PZ-4	11/18/97	1108.84	20.32	1088.52	ND
PZ-4	02/23/98	1108.84	21.25	1087.59	ND
PZ-4	05/27/98	1108.84	20.21	1088.63	ND
PZ-4	07/15/98	1108.84	NR	NR	NR
PZ-4	08/25/98	1108.84	20.98	1087.86	ND
PZ-4	11/30/98	1108.84	21.64	1087.20	ND
PZ-4	03/25/99	1108.84	22.45	1086.39	ND
PZ-4	06/03/99	1108.84	21.39	1087.45	ND
PZ-4	09/20/99	1108.84	20.63	1088.21	ND
PZ-4	12/16/99	1108.84	20.88	1087.96	ND
PZ-4	03/02/00	1108.84	22.91	1085.93	ND
PZ-4	06/07/00	1108.84	21.45	1087.39	ND
PZ-5	06/92	1103.83	NR	--	NR
PZ-5	07/93	1103.83	NR	--	NR
PZ-5	01/94	1103.83	NR	1086.99	NR
PZ-5	02/94	1103.83	NR	1086.83	NR
PZ-5	05/94	1103.83	NR	1086.97	NR
PZ-5	10/24/95	1103.83	17.91	1085.92	ND

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)
MW-1	06/92	1106.48	NR	1096.98	NR
PZ-5	01/22/96	1103.83	15.81	1088.02	ND
PZ-5	04/10/96	1103.83	NR	NR	ND
PZ-5	07/09/96	1103.83	14.77	1089.06	ND
PZ-5	11/06/96	1103.83	15.38	1088.45	ND
PZ-5	03/06/97	1103.83	16.02	1087.81	ND
PZ-5	05/13/97	1103.83	16.02	1087.81	ND
PZ-5	07/15/98	1103.83	NR	NR	NR
PZ-5	08/19/97	Abandoned			
RW-1	03/06/97	1103.56	13.98	1089.58	ND
RW-1	03/28/97	1103.56	17.70	1085.86	ND
RW-1	04/10/97	1103.56	17.55	1086.01	ND
RW-1	05/13/97	1103.56	17.79	1085.77	ND
RW-1	06/11/97	1103.56	17.84	1085.72	ND
RW-1	07/08/97	1103.56	17.84	1085.72	ND
RW-1	08/19/97	1103.56	13.43	1090.13	ND
RW-1	10/02/97	1103.56	17.70	1085.86	ND
RW-1	11/18/97	1103.56	17.22	1086.34	ND
RW-1	12/17/97	1103.56	17.35	1086.21	ND
RW-1	01/29/98	1103.56	17.50	1086.06	ND
RW-1	02/23/98	1103.56	17.30	1086.26	ND
RW-1	03/19/98	1103.56	17.72	1085.84	ND
RW-1	04/03/98	1103.56	5.42	1098.14	ND
RW-1	05/27/98	1103.56	17.56	1086.00	ND
RW-1	07/15/98	1103.56	17.65	1085.91	ND
RW-1	08/25/98	1103.56	17.63	1085.93	ND
RW-1	11/30/98	1103.56	13.75	1089.81	ND
RW-1	03/25/99	1103.56	Insufficient groundwater to gauge.		
RW-1	06/03/99	1103.56	17.26	1086.30	ND
RW-1	09/20/99	1103.56	Groundwater elevation below top of recovery pump.		
RW-1	12/16/99	1103.56	16.83	1086.73	ND
RW-1	03/02/00	1103.56	8.85	1094.71	ND
RW-1	06/07/00	1103.56	6.51	1097.05	ND
RW-2	03/06/97	1104.05	9.35	1094.70	ND
RW-2	03/28/97	1104.05	6.69	1097.36	ND
RW-2	04/10/97	1104.05	5.09	1098.96	ND
RW-2	05/13/97	1104.05	6.74	1097.31	ND
RW-2	06/11/97	1104.05	7.47	1096.58	ND
RW-2	07/08/97	1104.05	6.45	1097.60	ND
RW-2	08/19/97	1104.05	19.70	1084.35	ND

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)
MW-1	06/92	1106.48	NR	1096.98	NR
RW-2	10/02/97	1104.05	19.95	1084.10	ND
RW-2	11/18/97	1104.05	19.68	1084.37	ND
RW-2	12/17/97	1104.05	19.90	1084.15	ND
RW-2	01/29/98	1104.05	18.61	1085.44	ND
RW-2	02/23/98	1104.05	19.49	1084.56	ND
RW-2	03/19/98	1104.05	19.85	1084.20	ND
RW-2	04/03/98	1104.05	4.93	1099.12	ND
RW-2	05/27/98	1104.05	19.63	1084.42	ND
RW-2	07/15/98	1104.05	19.65	1084.40	ND
RW-2	08/25/98	1104.05	19.81	1084.24	ND
RW-2	11/30/98	1104.05	15.73	1088.32	ND
RW-2	03/25/99	1104.05	Insufficient groundwater to gauge.		
RW-2	06/03/99	1104.05	19.33	1084.72	ND
RW-2	09/20/99	1103.56	Groundwater elevation below top of recovery pump.		
RW-2	12/16/99	1104.05	14.24	1089.81	ND
RW-2	03/02/00	1104.05	7.13	1096.92	ND
RW-2	06/07/00	1104.05	6.59	1097.46	ND
RW-3	03/06/97	1104.34	16.03	1088.31	ND
RW-3	03/28/97	1104.34	21.71	1082.63	ND
RW-3	04/10/97	1104.34	21.79	1082.55	ND
RW-3	05/13/97	1104.34	21.51	1082.83	ND
RW-3	06/11/97	1104.34	21.93	1082.41	ND
RW-3	07/08/97	1104.34	21.85	1082.49	ND
RW-3	08/19/97	1104.34	20.29	1084.05	ND
RW-3	10/02/97	1104.34	21.90	1082.44	ND
RW-3	11/18/97	1104.34	22.06	1082.28	ND
RW-3	12/17/97	1104.34	22.15	1082.19	ND
RW-3	01/29/98	1104.34	22.00	1082.34	ND
RW-3	02/23/98	1104.34	21.95	1082.39	ND
RW-3	03/19/98	1104.34	22.23	1082.11	ND
RW-3	04/03/98	1104.34	5.95	1098.39	ND
RW-3	05/27/98	1104.34	22.16	1082.18	ND
RW-3	07/15/98	1104.34	21.86	1082.48	ND
RW-3	08/25/98	1104.34	22.31	1082.03	ND
RW-3	11/30/98	1104.34	21.03	1083.31	ND
RW-3	03/25/99	1104.34	22.68	1081.66	ND
RW-3	06/03/99	1104.34	22.24	1082.10	ND
RW-3	09/20/99	1103.56	Groundwater elevation below top of recovery pump.		
RW-3	12/16/99	1104.34	21.44	1082.90	ND
RW-3	03/02/00	1104.34	17.15	1087.19	ND

TABLE 1
HISTORICAL GROUNDWATER LEVEL DATA
FORMER PETROLEUM FACILITY
NORTH 1ST AND RIVER AVENUE
BRUCE, WISCONSIN

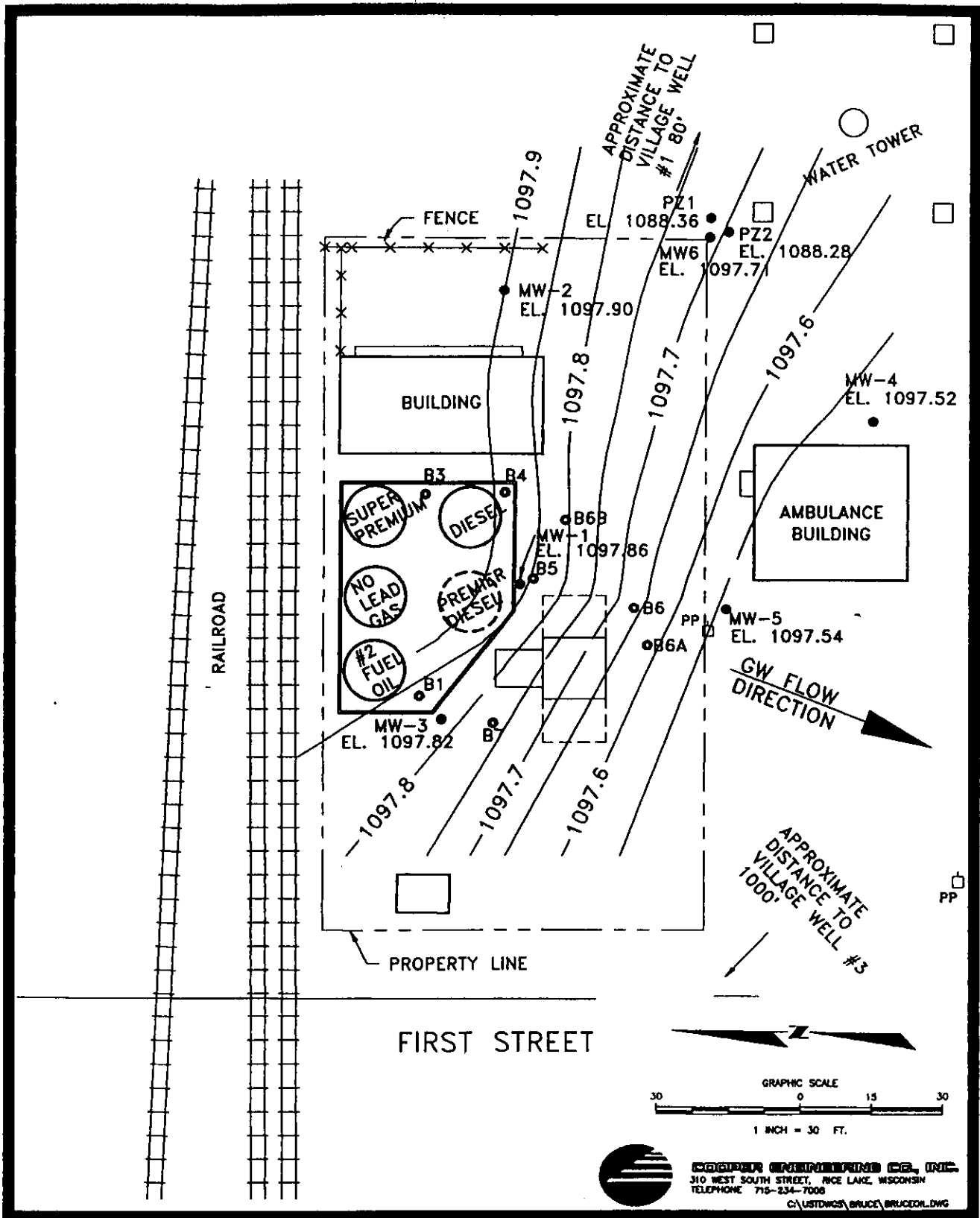
Monitoring Well No.	Date of Measurement	Relative Casing Elevation (ft.)	Depth to Groundwater (ft)	Groundwater Elevation (ft.)	Free Product Thickness (ft)
MW-1	06/92	1106.48	NR	1096.98	NR
RW-3	06/07/00	1104.34	6.19	1098.15	ND

ND = Not detected

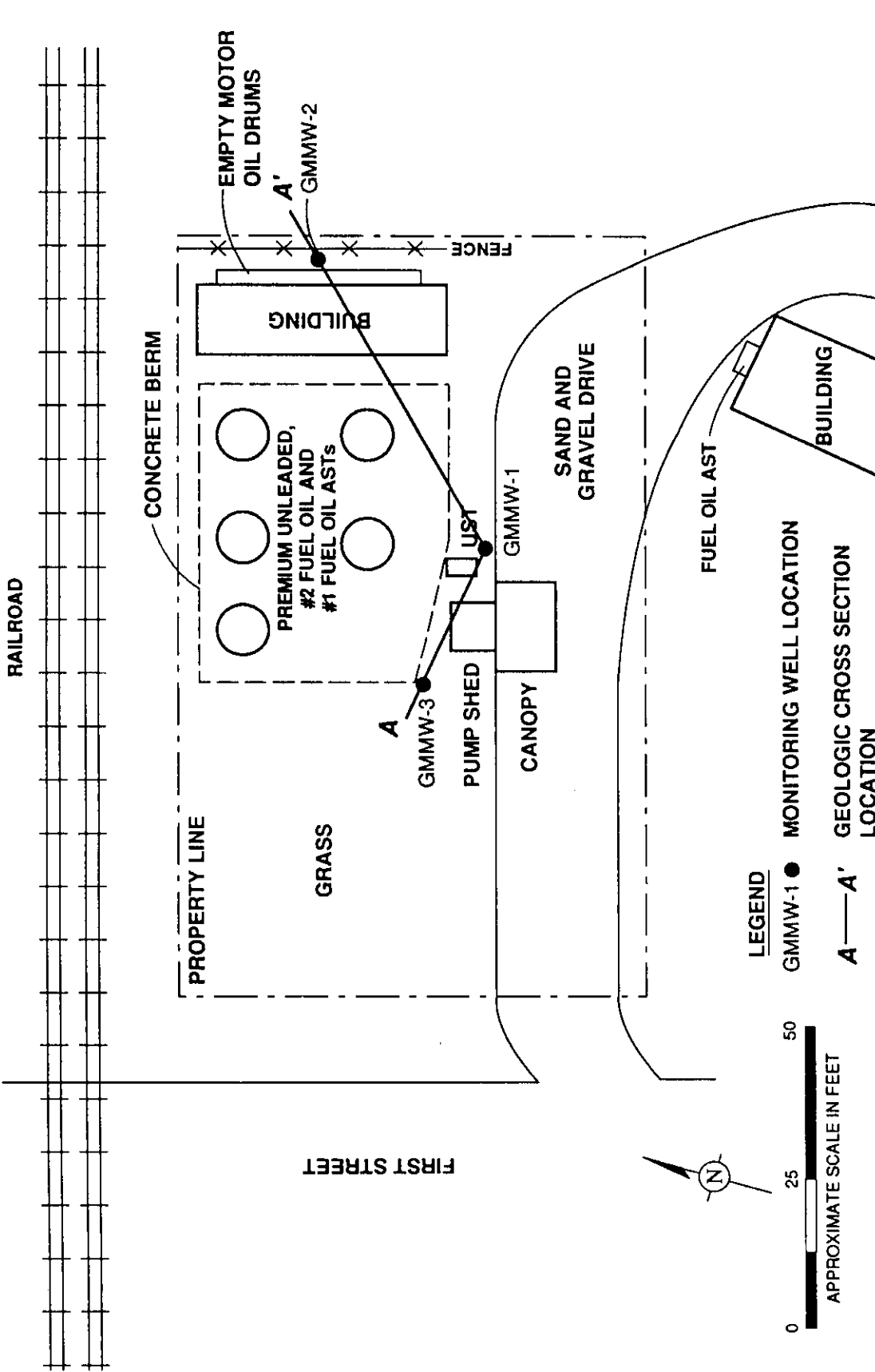
NR = Not reported

Rel. Casing Elev. - Depth to Groundwater + (FP Thickness x 0.71) = Groundwater Elev.

Data prior to 1997 compiled by Secor International Incorporated



BRUCE OIL
 GROUNDWATER CONTOURS
 JULY 20, 1993
 AFTER DEVELOPMENT, WHILE PUMPING VILLAGE WELL #1



FIGURE

3

LOCATION OF MONITORING WELLS AND GEOLOGIC CROSS SECTION

MOON OIL LEASE PROPERTY BRUCE, WISCONSIN



DRAFTER: LMS

APPROVED:

CHECKED: EC

DRAWING: 07

FILE NO.: 0597

PRJCT NO.: W128501

DWG DATE: 25SEP92

1110
1105
1100
1095
1090
1085

GMMW-3

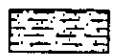
GMMW-1

GMMW-2

0 15 30

HORIZONTAL SCALE IN FEET
VERTICAL EXAGGERATION = 3X

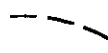
LEGEND



SILTY SANDS TO SANDY SILTS



MEDIUM TO COARSE SANDS AND GRAVEL



GEOLOGIC CONTACT



WATER TABLE WITH ELEVATION FROM 6/25/92



SCREENED INTERVAL

NOTE: THE DEPTH AND THICKNESS OF THE SUBSURFACE UNITS ON THE CROSS SECTION WERE GENERALIZED FROM AND INTERPRETED BETWEEN MONITORING WELL BORINGS. INFORMATION ON ACTUAL SUBSURFACE CONDITIONS EXIST ONLY AT THE SPECIFIC INDICATED LOCATIONS.



GEOLOGIC CROSS SECTION A-A'

MOON OIL LEASE PROPERTY
BRUCE, WISCONSIN

FIGURE

4

**LEGAL DESCRIPTION CERTIFICATION
FORMER MOON OIL BULK FACILITY
228 E. RIVER AVENUE
BRUCE, WI**

I certify that to the best of my knowledge and understanding that the legal description below is a correct description of the area of residual groundwater impact for the land also know as the Former Moon Oil Facility, 228 East River Avenue, Bruce, WI.

NAME Kimberly Turloukis

DATE 12/3/03

SIGNATURE Kimberly Turloukis

CHEVRON
TITLE Project Manager

A parcel of land located in the Southwest Quarter of the Northwest Quarter of Section 5, Township 34 North, Range 7 West, in Bruce, Rusk County, Wisconsin, described as follows:

Commencing at the point of intersection of the East line of 66 foot wide First Street and the North line of 50 foot wide Railway Avenue South;

Thence Easterly along said North line 40 feet to the TRUE POINT OF BEGINNING;

Thence continuing Easterly along the last said North line 125 feet;

Thence Northerly at right angles 78 feet, more or less, to a line parallel with and 8.5 feet normally distant Southerly from the centerline of the southerlymost track of Wisconsin Central Ltd.;

Thence Westerly along said parallel line 125 feet;

Thence Southerly at right angles 78 feet, more or less, to the true point of beginning.