GIS REGISTRY INFORMATION

SITE NAME: PARKOS OIL COMPANY

BRRTS #: 03-31-001580 **FID # (if appropriate):**

COMMERCE # (if appropriate):

CLOSURE DATE: 06/03/2003

STREET ADDRESS: 302 ELLIS STREET

CITY: KEWAUNEE

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): **X=** 718631 **Y=** 445796

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

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

IF YES, STREET ADDRESS 1: SEE PAGE 2 FOR LIST OF OFFSITE PROPERTIES

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

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

IF YES, STREET ADDRESS 1: 224 ELLIS STREET

GPS COORDINATES (meters in WTM91 projection): **X=** 718667 **Y=** 445790

CONTAMINATION IN RIGHT OF WAY: [X] **Yes** [ ] **No**

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued	X
Copy of most recent deed, including legal description, for all affected properties	X
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) **for all affected properties**	X
County Parcel ID number, *if used for county*, for all affected properties	NA
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	X
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)	X
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	X
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	NA

SITE NAME: PARCO'S OIL COMPANY
BRRTS #: 03-31-001580
ADDRESS: 302 ELLIS STREET
CLOSURE DATE: 06/03/2003
CITY: KEWAUNEE, WI

Off-source contamination properties are listed below. By clicking on the street address, Adobe Acrobat will bring you to that particular off-source property's deed, tax parcel information and off-source notification letter.

1. 211 ELLIS STREET

2. 213 ELLIS STREET

3. 216 ELLIS STREET

4. 217 ELLIS STREET

5. 218 ELLIS STREET

6. 219 ELLIS STREET

7. 220 ELLIS STREET

8. 223 ELLIS STREET

9. 224 ELLIS STREET – SOIL AND GROUNDWATER CONTAMINATION

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2129 Jackson Street
Oshkosh, Wisconsin 54901-1805
TDD #: (608) 264-8777
Fax #: (920) 424-0217
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

October 7, 2003

Mr. Dean Parkos
Parkos Oil Company, Inc.
302 Ellis Street
Kewaunee, WI 54216

RE: **Final Closure**

Commerce # 54216-1327-02 WDNR BRRTS # 03-31-001580
Parkos Oil Company, 302 Ellis Street, Kewaunee

Dear Mr. Parkos:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil and groundwater contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable State and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

Robert H. Klauk, PG
Hydrogeologist
Site Review Section

cc: Robert C. Herubin - NRP Environmental Consultants Incorporated
Case File

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2129 Jackson Street
Oshkosh, Wisconsin 54901-1805
TDD #: (608) 264-8777
Fax #: (920) 424-0217
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

June 3, 2003

Mr. Dean Parkos
Parkos Oil Company, Inc.
302 Ellis Street
PO Box 242
Kewaunee, WI 54216

RE: **Conditional Case Closure**

Commerce # 54216-1327-02 WDNR BRRTS # 03-31-001580
Parkos Oil Company, 302 Ellis Street, Kewaunee

Dear Mr. Parkos:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure, prepared by NRP Environmental Consultants Incorporated, for the site referenced above. It is understood that residual soil and groundwater contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

The following condition must be satisfied to obtain final closure:

- Documentation of the abandonment (WDNR Abandonment Form 3300-5B) of monitoring wells MW-1 through MW-10.

This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

Robert H. Klauk, PG
Hydrogeologist
Site Review Section

cc: Robert C. Herubin - NRP Environmental Consultants Incorporated
Case File

File Ref: C:\my documents\bob\542\54216\132702paarkosoil\CONDITIONAL_CLOSURE.doc

A parcel of land in the Southeast portion of the Northeast Quarter (NE 1/4) of the Northeast Quarter (NE 1/4) of Section Seven (7), Township Twenty-three (23) North, Range Twenty-five (25) East and more particularly described as follows:

Commencing on the South line of the Northeast Quarter (NE 1/4) of the Northeast Quarter (NE 1/4) of Section Seven (7) in Township Twenty-three (23) North, Range Twenty-five (25) East, at a point Forty-one and 25/100 (41.25) feet West from the centerline of State Trunk Highway 42 (formerly known as State Trunk Highway 17 as laid out under Federal Aid Project #56), running thence West One Hundred Fifty (150) feet, thence North One Hundred Forty (140) feet, thence East One Hundred Fifty (150) feet, thence South One Hundred Forty (140) feet to the place of beginning.

The North Eighty-three (83) feet, Four (4) inches of Lot One (1) and the North Eighty-three (83) feet, Four (4) inches of the East Five (5) feet of Lot Two (2); all in Block One Hundred Seventy-five (175) in the City of Kewaunee, Kewaunee County, Wisconsin

This document has been microphotographed in accordance with established procedures. Marilyn H. Mueller

1st or Full Payment to:

BRIAN KRANZ
KEWAUNEE CITY ADMIN
413 MILWAUKEE ST
KEWAUNEE WI 54216
920-388-5000

CITY OF KEWAUNEE
STATE OF WISCONSIN
Real Estate **PROPERTY TAX BILL FOR** 2002
KEWAUNEE COUNTY

PARKOS O
Sequence No.
Bill No

Correspondence should re
See reverse side for import

Computer # 241-
PAR#31 241 OTP 15

Assessed Value Land	Ass'd. Value Improvements	Total Assessed Value	Ave. Assmt. Ratio	Est. Fair Mkt. Land	Est. Fair Mkt. Improvements	Total Est. Fair Mkt.
11,400	95,400	106,800	84.40%	13,500	113,000	126,500

Taxing Jurisdiction	2001 Est. State Aids Allocated Tax Dist.	2002 Est. State Aids Allocated Tax Dist.	2001 Net Tax	2002 Net Tax	%Tax Change
STATE OF WISCONSIN			24.89	25.31	1.7%
KEWAUNEE COUNTY	313327	284450	808.44	832.12	2.9%
CITY OF KEWAUNEE	870469	854121	899.22	873.42	-2.9%
NWTC GREEN BAY	43547	46506	201.77	204.61	1.4%
KEWAUNEE SCHOOL DIS	2712381	2510292	859.94	1021.45	18.8%
Total	3939724	3695369	2794.26	2956.91	5.8%
Lottery & Gaming Credit					
Net Property Tax			2794.26	2956.91	5.8%

Net Property Tax

School taxes reduced by school levy tax credit 158.87

Net Assessed Value Rate (Does NOT reflect lottery credit) 0.027686459

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

302 ELLIS ST
238R/ 72 167R/ 369
19-23N-25E
ORIGINAL TOWN PLAT
N 83 FT 4 IN OF LOT 1 &
N 83 FT 4 IN OF E 5 FT OF
LOT 2 BLK 175

BILL NO. 915
241- 10-3040

PARKOS OIL CO. INC.

302 ELLIS ST
KEWAUNEE WI 54216

TOTAL DUE FOR F

PAY BY JANUARY 31
▶ $ 2956

Warning: If not paid by due da
lost and total tax is delinquent
applicable, penalty.

Or Pay 1st Installment	And Pay 2
$ 1478.46 By: JANUARY 31 2003	$ 14 By:

Special Charge Paid	Special Tax Paid
Special Assessment Paid	Total Amount Paid 2
Property Tax Paid 2956.91	Balance Due

Paid by DP Rec'd by JP

DOCUMENT NO.
315613

WARRANTY DEED—To Corporation
STATE OF WISCONSIN—FORM 4
THIS SPACE RESERVED FOR RECORDING DATA

RECORDS
VOL 238 PAGE 72
REC'D FOR RECORD
10:53 A.M.
FEB 20 1989
Marilyn G. Mueller
REGISTER OF DEEDS

RETURN TO
BANK OF STATE BANK OF KEWAUNEE
223 Ellis Street
Kewaunee, WI 54216

THIS INDENTURE, Made this 17th day of February A. D., 19 89, between Robert E. Salkowski for himself and as the surviving joint tenant of Voilet M. Salkowski, deceased

Parkos Oil Company part y of the first part and

a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Kewaunee Wisconsin, party of the second part.

Witnesseth, That the said part y of the first part, for and in consideration of the sum of $1.00 and other good and valuable consideration

to him in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, ha s given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do es give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate situated in the County of Kewaunee and State of Wisconsin, to-wit:

See Reverse Side Hereof

This deed is given in fulfillment of a land contract between the parties hereto dated December 31, 1976 and recorded in the Office of the Register of Deeds for Kewaunee County on March 3, 1977 in Volume 167 of Records on page 369 as Document No. 256292.

TRANSFER
$ 90.
FEE

Rental Weatherization Code Exclusion W-7

Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate right, title, interest, claim or demand whatsoever, of the said part y of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To Have and To Hold the said premises as above described with the hereditaments and appurtenances unto the said party of the second part, and to its successors and assigns FOREVER.

And the said Robert E. Salkowski

for himself, his heirs, executors and administrators, do es covenant, grant, bargain and agree to and with the said party of the second part, its successors and assigns, that at the time of the ensealing and delivery of these presents he is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever,

and that the above bargained premises in the quiet and peaceable possession of the said party of the second part, its successors and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, he will forever WARRANT AND DEFEND.

In Witness Whereof, the said part y of the first part ha s hereunto set his hand and seal this 17th day of February, A. D., 19 89.

SIGNED AND SEALED IN PRESENCE OF

Robert E. Salkowski (SEAL)
Robert E. Salkowski

(SEAL)

(SEAL)

(SEAL)

STATE OF WISCONSIN,
Kewaunee County. } ss.

Personally came before me, this 17th day of February, A. D., 19 89 the above named Robert E. Salkowski

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

George F. Miller
George F. Miller
Notary Public Kewaunee County, Wis.
My Commission (Is) Permanent

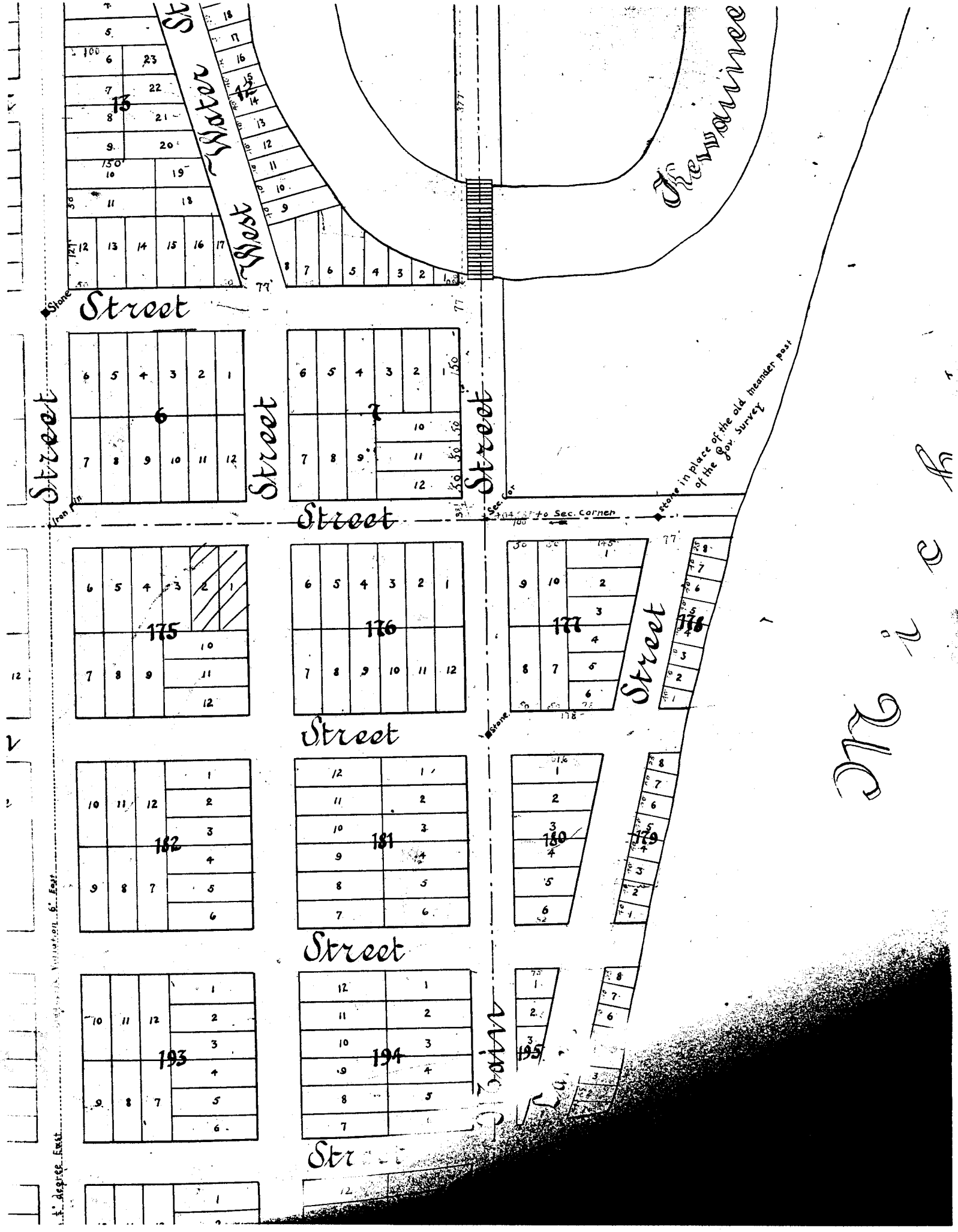
GEORGE F. MILLER NOTARY PUBLIC MY COMMISSION IS PERMANENT STATE OF WISCONSIN

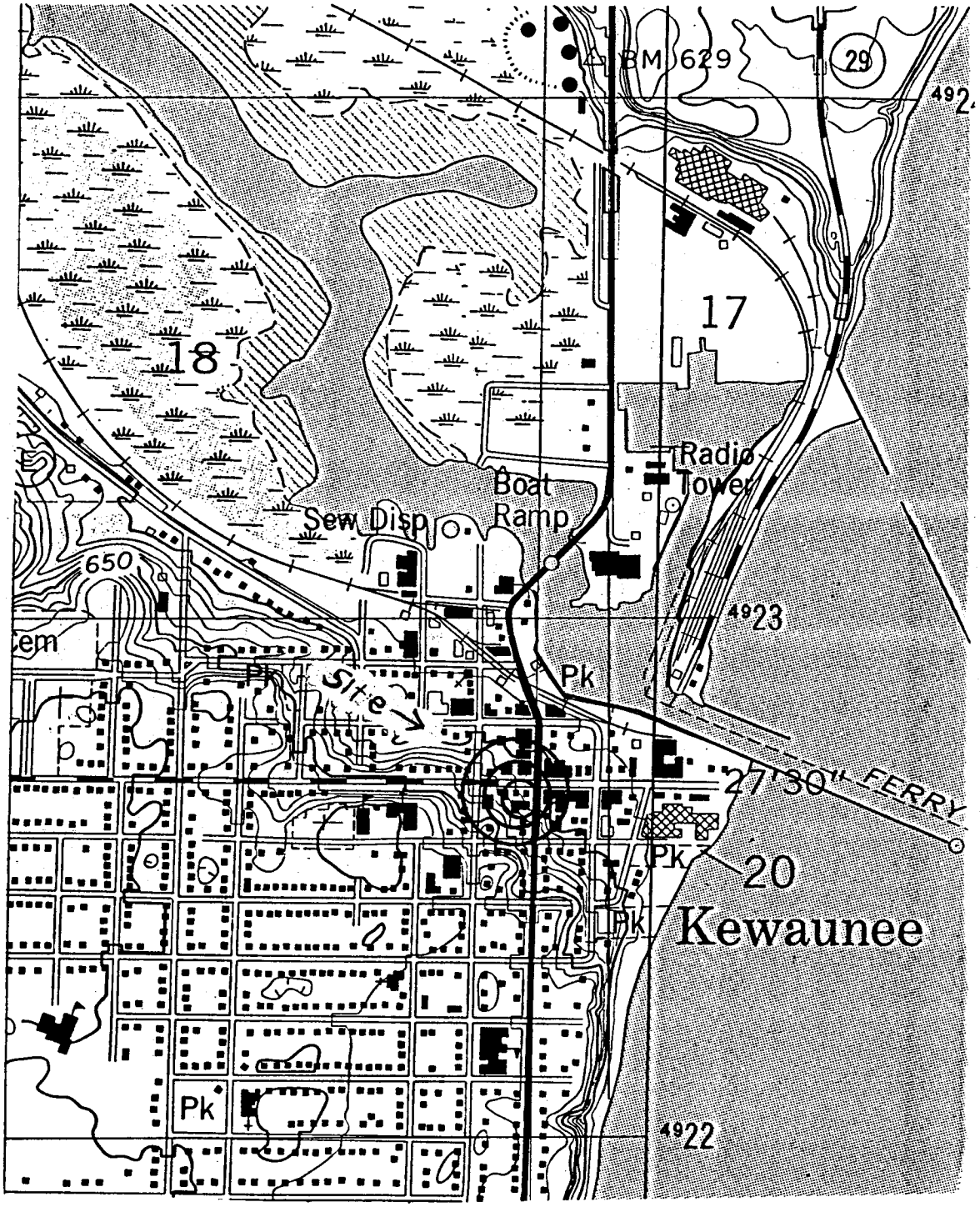
This instrument drafted by
George F. Miller

(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary).

WARRANTY DEED—STATE OF WISCONSIN, FORM NO. 4

This document has been microphotographed in accordance with standards established by Section 889.30(3)(b) Wisconsin Statutes and with established procedures. Marilyn G. Mueller Marilyn G. Mueller, Kewaunee County Register of Deeds, Kewaunee, Wis.


Water
West
Street
Shawnee
Street
Street
Street



NRP ENVIRONMENTAL CONSULTANTS

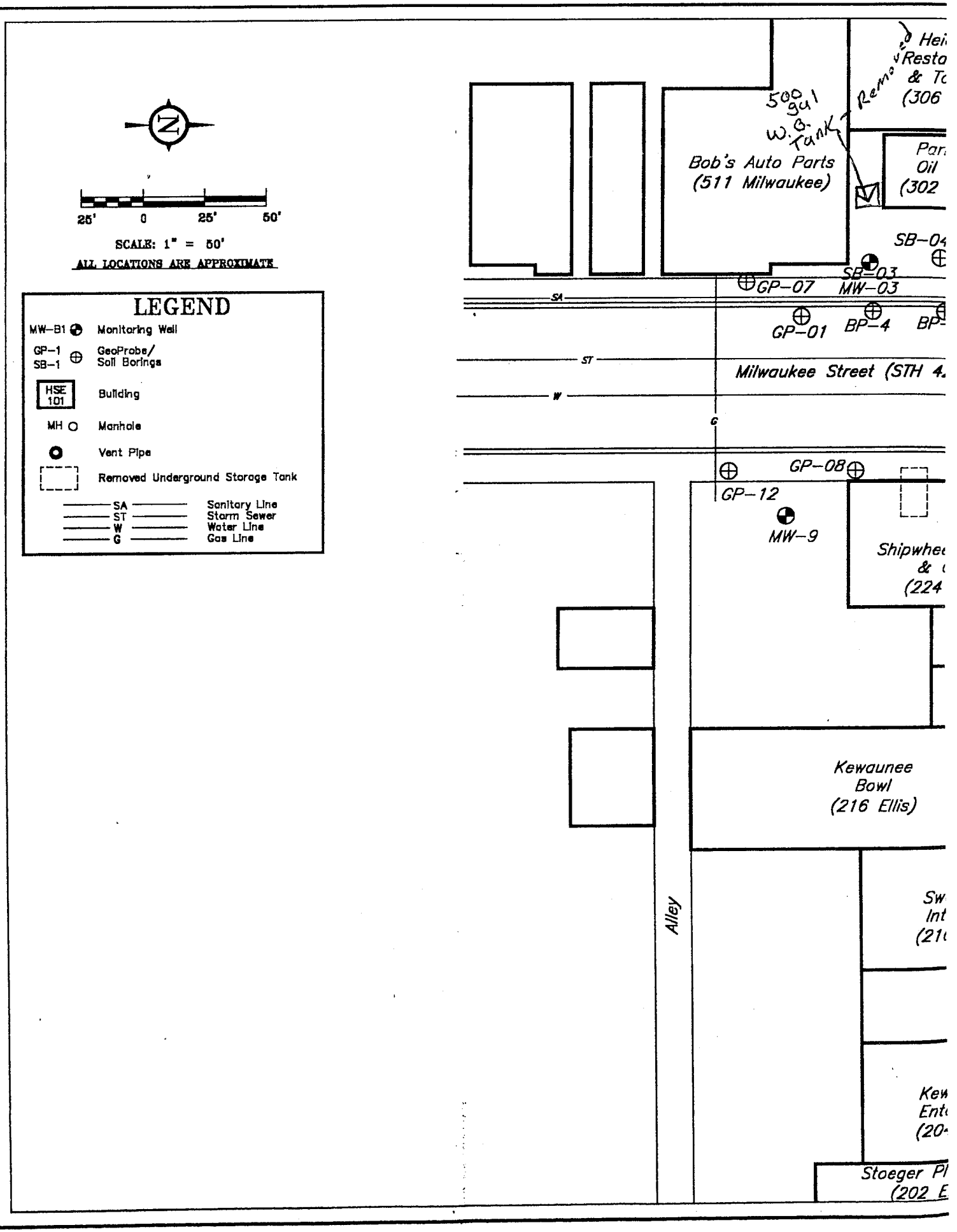
PROJECT/CLIENT

PARKOS OIL - KEWAUNEE

TITLE

Figure 1 - Site Location Map

1 OF 2


25' 0 25' 50'
SCALE: 1" = 50'
ALL LOCATIONS ARE APPROXIMATE
LEGEND
MW-B1 Monitoring Well
GP-1 SB-1 GeoProbe/ Soil Borings
HSE 101 Building
MH Manhole
Vent Pipe
Removed Underground Storage Tank
SA Sanitary Line
ST Storm Sewer
W Water Line
G Gas Line
Bob's Auto Parts (511 Milwaukee)
500 gal W.O. Tank
Removed
Hei Resta & Tc (306
Par Oil (302
SB-04
SB-03
MW-03
GP-07
GP-01
BP-4
BP-
SA
ST
W
G
Milwaukee Street (STH 4
GP-08
GP-12
MW-9
Shipwhe & (224
Kewaunee Bowl (216 Ellis)
Alley
Sw Int (21
Kew Ent (20
Stoeger Pl (202 E

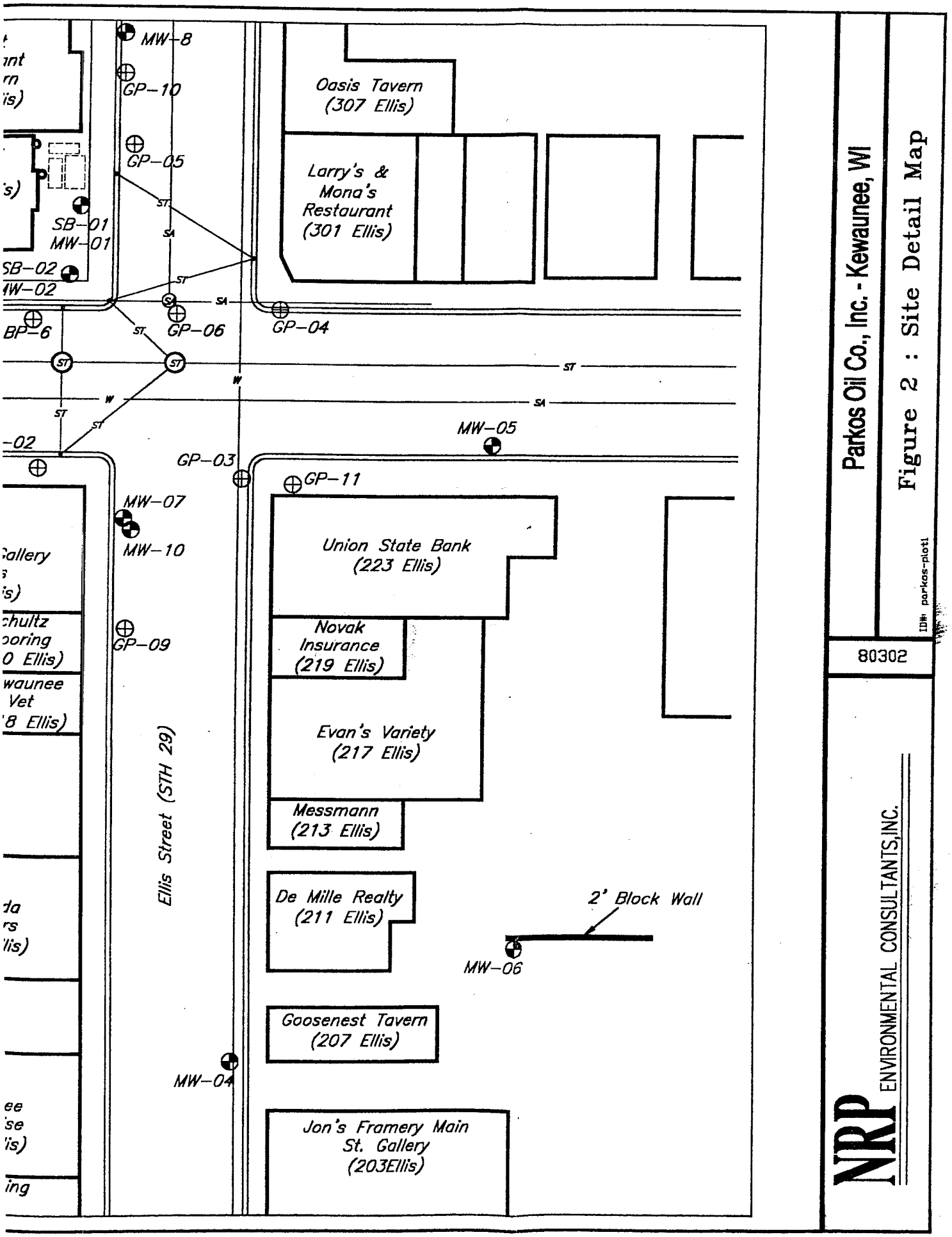

MW-8
GP-10
GP-05
SB-01
MW-01
SB-02
MW-02
BP-6
GP-06
GP-04
Oasis Tavern
(307 Ellis)
Larry's &
Mona's
Restaurant
(301 Ellis)
ST
SA
W
MW-05
GP-03
GP-11
MW-07
MW-10
GP-09
Union State Bank
(223 Ellis)
Novak
Insurance
(219 Ellis)
Evan's Variety
(217 Ellis)
Messmann
(213 Ellis)
Ellis Street (STH 29)
De Mille Realty
(211 Ellis)
2' Block Wall
MW-06
Goosenest Tavern
(207 Ellis)
MW-04
Jon's Framery Main
St. Gallery
(203Ellis)
Parkos Oil Co., Inc. - Kewaunee, WI
Figure 2 : Site Detail Map
ID#: parkos-plot1
80302
NRP ENVIRONMENTAL CONSULTANTS,INC.

TABLE III

SUMMARY OF GROUNDWATER ANALYSIS RESULTS

(All Results in ug/l)

MW-1

	07/06/94	10/30/96	08/11/98	11/04/98	10/29/01	02/14/02	PAL	ES
Lead	30	2.34	--	--	--	--	1.5	15
Benzene	2700	1110	--	--	--	--	0.5	5
Ethyl Benzene	1200	2210	--	--	--	--	140	700
MTBE	<100	<100	--	--	--	--	12	60
Naphthalene	330	661	--	--	--	--	8	40
Toluene	7200	7440	--	--	--	--	200	1000
Trimethylbenzenes	1220	2666	--	--	--	--	96	480
Total Xylenes	3400	6350	--	--	--	--	1000	10000

MW-2

	07/06/94	10/30/96	08/11/98	11/04/98	10/29/01	02/14/02	PAL	ES
Lead	10	2.23	--	--	--	--	1.5	15
Benzene	12000	11700	7500	--	4600	3600	0.5	5
Ethyl Benzene	200	4160	4300	--	5500	1100	140	700
MTBE	540	169	28	--	<86	60	12	60
Naphthalene	<400	1790	1200	--	5900	1000	8	40
Toluene	7700	20200	14000	--	14000	5000	200	1000
Trimethylbenzenes	1330	4657	5100	--	28700	4500	96	480
Total Xylenes	4900	17430	16200	--	41000	12900	1000	10000

MW-3

	07/06/94	10/30/96	08/11/98	11/04/98	10/29/01	02/14/02	PAL	ES
Lead	3.0	2.56	--	--	--	--	1.5	15
Benzene	89	489	280	--	63	9.2	0.5	5
Ethyl Benzene	<5.0	2710	1600	--	220	59	140	700
MTBE	<5.0	<100	6.2	--	<8.6	<1.7	12	60
Naphthalene	<10	1300	740	--	250	94	8	40
Toluene	340	2840	2500	--	480	80	200	1000
Trimethylbenzenes	46	4293	3310	--	1790	820	96	480
Total Xylenes	297	9760	5700	--	2510	910	1000	10000

MW-4

	07/06/94	10/30/96	08/11/98	11/04/98	10/29/01	02/14/02	PAL	ES
Lead	--	<1.0	--	--	--	--	1.5	15
Benzene	--	<25	<0.26	--	<0.45	<0.45	0.5	5
Ethyl Benzene	--	<50	<0.24	--	<0.82	<0.82	140	700
MTBE	--	<50	<0.22	--	<0.43	<0.43	12	60
Naphthalene	--	<100	<0.89	--	<0.89	<0.89	8	40
Toluene	--	<50	<0.21	--	<0.68	<0.68	200	1000
Trimethylbenzenes	--	116	<1.40	--	<1.86	<1.86	96	480
Total Xylenes	--	85.3	<1.34	--	<2.47	<2.47	1000	10000

Continued On Next Page

TABLE III

SUMMARY OF GROUNDWATER ANALYSIS RESULTS

(All Results in ug/l)

MW-5

	07/06/94	10/30/96	08/11/98	11/04/98	10/29/01	02/14/02	PAL	ES
Lead	--	<1.0	--	--	--	--	1.5	15
Benzene	--	<25	<0.26	--	<0.45	--	0.5	5
Ethyl Benzene	--	<50	<0.24	--	<0.82	--	140	700
MTBE	--	<50	<0.22	--	<0.43	--	12	60
Naphthalene	--	<100	<0.89	--	<0.89	--	8	40
Toluene	--	<50	<0.21	--	<0.68	--	200	1000
Trimethylbenzenes	--	63.9	<1.40	--	<1.86	--	96	480
Total Xylenes	--	50.9	<1.34	--	<2.47	--	1000	10000

MW-6

	07/06/94	10/30/96	08/11/98	11/04/98	10/29/01	02/14/02	PAL	ES
Lead	--	--	--	--	--	--	1.5	15
Benzene	--	--	<0.26	--	<0.45	--	0.5	5
Ethyl Benzene	--	--	<0.24	--	<0.82	--	140	700
MTBE	--	--	0.38	--	<0.43	--	12	60
Naphthalene	--	--	<0.89	--	<0.89	--	8	40
Toluene	--	--	<0.21	--	<0.68	--	200	1000
Trimethylbenzenes	--	--	<1.40	--	<1.86	--	96	480
Total Xylenes	--	--	<1.34	--	<2.47	--	1000	10000

MW-7

	07/06/94	10/30/96	08/11/98	11/04/98	10/29/01	02/14/02	PAL	ES
Lead	--	--	--	--	--	--	1.5	15
Benzene	--	--	**1700**	--	**680**	**1000**	0.5	5
Ethyl Benzene	--	--	170	--	31	120	140	700
MTBE	--	--	14	--	<2.1	<4.3	12	60
Naphthalene	--	--	**110**	--	37	**100**	8	40
Toluene	--	--	21	--	<3.4	<6.8	200	1000
Trimethylbenzenes	--	--	**590**	--	253	**688**	96	480
Total Xylenes	--	--	1570	--	400	1100	1000	10000

MW-8

	07/06/94	10/30/96	08/11/98	11/04/98	10/29/01	02/14/02	PAL	ES
Lead	--	--	--	--	--	--	1.5	15
Benzene	--	--	--	<0.27	<0.45	<0.45	0.5	5
Ethyl Benzene	--	--	--	<0.32	<0.82	<0.82	140	700
MTBE	--	--	--	<0.32	<0.43	<0.43	12	60
Naphthalene	--	--	--	<0.35	<0.89	1.0	8	40
Toluene	--	--	--	<0.27	<0.68	<0.68	200	1000
Trimethylbenzenes	--	--	--	<0.64	<1.86	<1.86	96	480
Total Xylenes	--	--	--	<0.67	<2.47	<2.47	1000	10000

Continued On Next Page

TABLE III

SUMMARY OF GROUNDWATER ANALYSIS RESULTS

(All Results in ug/l)

MW-9

	07/06/94	10/30/96	08/11/98	11/04/98	10/29/01	02/14/02	PAL	ES
Lead	--	--	--	--	--	--	1.5	15
Benzene	--	--	--	<0.27	<0.45	--	0.5	5
Ethyl Benzene	--	--	--	<0.32	<0.82	--	140	700
MTBE	--	--	--	<0.32	<0.43	--	12	60
Naphthalene	--	--	--	<0.35	<0.89	--	8	40
Toluene	--	--	--	<0.27	<0.68	--	200	1000
Trimethylbenzenes	--	--	--	<0.64	<1.86	--	96	480
Total Xylenes	--	--	--	<0.67	<2.47	--	1000	10000

MW-10

	07/06/94	10/30/96	08/11/98	11/04/98	10/29/01	02/14/02	PAL	ES
Lead	--	--	--	--	--	--	1.5	15
Benzene	--	--	--	--	<0.48	<0.45	0.5	5
Ethyl Benzene	--	--	--	--	<0.43	<0.82	140	700
MTBE	--	--	--	--	2.0	0.92	12	60
Naphthalene	--	--	--	--	<0.59	<0.89	8	40
Toluene	--	--	--	--	<0.47	<0.68	200	1000
Trimethylbenzenes	--	--	--	--	<1.03	<1.86	96	480
Total Xylenes	--	--	--	--	<1.94	<2.47	1000	10000

Notes: Bold numbers indicate NR 140.10 Enforcement Standard exceedences
PAL (Preventive Action Limit) and ES (Enforcement Standard) obtained from NR 140.10
-- Indicates not tested

10F2

Table 4-1

Soil Analytical Results
PVOCs, GRO, DRO, Metals, TOC and Hy
Parkos Oil Company, Inc. - S
Kewaunee, Wisconsin

Sampling Date	Sampling Depth (feet)	Soil Type	Field PID (ppm)	Benzene (μg/kg)	MTBE (μg/kg)	Ethyl-benzene (μg/kg)	Toluene (μg/kg)	1,2,4-TMB (μg/kg)
3/18/94	4-6	peat & silty clay	686	NA	NA	NA	NA	NA
	10-12	silty sand	2,971	20,000	14,000	130,000	290,000	200,000
	20-22	gravely silty sand	98(w)	25	4.2	520	340	1,000
3/17/94	10-12	silty sand	3,334	12,000	1,200	32,000	76,000	50,000
	16-18	silty clay & sand	2,387	3,100	120	6,500	15,000	10,000
3/17/94	3-5	silty gravel & silty clay	<1	3.4	1.1	<1.1	5.3	<1.1
	9-11	silty clay & sand & gravel	2,121	110	56	500	260	1,800
	19-21	sand	1,082	<2.5	<2.5	<2.5	3.5	3.7
3/18/94	10-12	sand & gravel	2,944	86,000	15,000	130,000	350,000	220,000
	20-22	sand & gravel	1,018(w)	300	60	1,300	1,100	3,600
3/10/95	13-15	silty gravely sand	1700(w)	<500	<500	18,000	2,600	73,000
	19-21	f. sand	15(w)	<25	<25	35	<25	92
3/10/95	6-8	peat	493	NA	NA	NA	NA	NA
	10-12	f. sand & silt	478	1,400	<25	1,100	2,800	2,100
	16-18	f. to c. sand	2640(w)	1,300	<250	31,000	17,000	98,000
3/10/95	9-11	f. to m. sand	<1	NA	NA	NA	NA	NA
	11-13	f. to m. sand	<1	<25	<25	<25	<25	<25
	15-17	f. to m. sand	<1(w)	<25	<25	<25	<25	<25
3/10/95	9-11	clayey sand	<1	NA	NA	NA	NA	NA
	11-13	f. to c. sand	<1	<25	<25	<25	<25	<25
	13-15	f. to c. sand	<1	NA	NA	NA	NA	NA
	15-17	f. to m. sand	<(w)	<25	<25	<25	<25	<25
3/10/95	4.5-6.5	v.f. sandy peat	285	NA	NA	NA	NA	NA
	6.5-8.5	v.f. sand & silt	250	<25	<25	<25	<25	<25
	10.5-12.5	v.f to f sand & silt	3	NA	NA	NA	NA	NA
	20.5-22.5	f. to m. sand	41(w)	<25	<25	<25	<25	66
3/10/95	7-9	peat & silty clay	<1	NA	NA	NA	NA	NA
	9-11	silty sand	1803	NA	NA	NA	NA	NA
	11-13	f. to m. sand	11	<25	<25	<25	<25	<25
	15-17	f. to m. sand	133	NA	NA	NA	NA	NA
	17-19	m. to c. sand	1202(w)	120	<25	110	<25	300
3/28/96	14-16	silty sand	<1	<25	<25	<25	<25	<25
	24-26	sandy silt	1(w)	<25	<25	<25	<25	<25
3/28/96	14-16	silty sand	1958	1,700	<100	17,000	32,000	23,000
	24-26	clay	2	<25	<25	<25	<25	<25
3/28/96	14-16	f. to m. sand	1	<25	<25	<25	<25	<25
	16-18	f. to m. sand	26	28	<25	<25	<25	<25

2 of 2

4-1

al Results
C and Hydrocarbon Utilizer
y, Inc. - STH 42
Visconsin

1,2,4-TMB (μg/kg)	1,3,5-TMB (μg/kg)	m- & p-Xylene (μg/kg)	o-Xylene (μg/kg)	GRO (mg/kg)	DRO (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)	TOC (mg/kg)	HUC (cfu/g)
NA	NA	NA	NA	NA	NA	NA	NA	NA	5.1E+04
200,000	54,000	320,000	120,000	4,500	1,100	2.5	<0.23	NA	NA
1,000	370	1,200	470	9.8	<5.1	9.9	<0.22	NA	NA
50,000	12,000	85,000	33,000	1,100	98	31	<0.21	NA	1.9E+03
10,000	3,000	17,000	6,300	190	8.7	20	0.33	NA	NA
<1.1	<1.1	2.2	<1.1	<2.9	<4.0	40	0.23	NA	1.6E+04
1,800	580	740	290	37	28	6.1	<0.22	NA	<1.0E+02
3.7	<2.5	5.2	<2.5	52	19	2.5	<0.23	NA	NA
220,000	58,000	350,000	140,000	4,700	1,200	5.0	<0.21	NA	<1.0E+02
3,600	1,100	3,100	1,100	NA	22	8.2	<0.22	NA	NA
73,000	25,000	49,000	6,500	2,400	810	<3.7	NA	>16,000	NA
92	<25	100	<25	3.1	<6.9	<3.5	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	>16,000	3.4E+05
2,100	740	2,900	830	42	<5.8	<3.8	NA	NA	NA
98,000	35,000	90,000	34,000	1,300	1,100	3.7	NA	2,900	NA
NA	NA	NA	NA	NA	NA	NA	NA	16,000	NA
<25	<25	<25	<25	<2.8	<5.2	5.0	NA	NA	NA
<25	<25	<25	<25	<2.9	<3.8	<3.7	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	6,300	NA
<25	<25	<25	<25	<3.3	<5.9	<3.9	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	12,000	NA
<25	<25	<25	<25	<2.8	<3.9	<3.6	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	3.1E+04
<25	<25	34	<25	<2.8	<5.3	<3.7	NA	870	2.4E+04
NA	NA	NA	NA	NA	NA	NA	NA	NA	2.8E+03
66	<25	<25	<25	4.0	<6.5	4.3	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	>16,000	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	8.7E+05
<25	<25	<25	<25	<3.0	<5.2	5.5	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	5.6E+05
300	76	220	36	7.7	<4.4	<3.6	NA	NA	NA
<25	<25	<25	<25	<2.8	<4.4	<3.6	NA	NA	NA
<25	<25	<25	<25	<3.0	<4.7	<3.9	NA	NA	NA
23,000	6,900	42,000	15,000	2,400	230	<3.8	NA	NA	NA
<25	<25	<25	<25	<2.9	<4.6	4.0	NA	NA	NA
<25	<25	<25	<25	<2.7	<4.4	5.3	NA	NA	NA
<25	<25	<25	<25	<2.8	<4.4	<3.5	NA	NA	NA

2 of 2

Table 4-1 *(Continued)*

Sampling Location	Sampling Date	Sampling Depth (feet)	Soil Type	Field PID (ppm)	Benzene (μg/kg)	MTBE (μg/kg)	Ethyl-benzene (μg/kg)	Toluene (μg/kg)
GP-10	03/28/96	10-12	f. to m. sand	7	<25	<25	<25	<25
		24-26	silty sand	145	<25	<25	<25	<25
GP-12	10/15/96	11-13	silt	10	<30	<30	<30	<30
		21-23	f. to m. sand	0(w)	<28	<28	28	<28
Quality Assurance/Quality C								
Methanol	05/17/94				NA	NA	NA	NA
Trip	05/10/95				<25	<25	<25	<25
Blanks[1]	05/10/95				<25	<25	<25	<25
	03/28/96				<25	<25	<25	<25
	10/15/96				<25	<25	<25	<25
Wisconsin Soil Stan								
					5.5	NE	2,900	1,500

NA = Analysis was not performed
< = Compound was not identified above the detection limit shown
μg/kg = Micrograms per kilogram
mg/kg = Milligrams per kilogram
cfu/g = Colony forming units per gram of dry weight soil
GRO = Gasoline range organics
DRO = Diesel range organics
MTBE = Methyl tert-butyl ether
TMB = Trimethylbenzene
-- = Not applicable

PID = Photoionization
(W) = Sampling interv
PVOC = Petroleum volat
TOC = Total organic ca
HUC = Hydrocarbon ut
NE = Standard not est
[1] = Trip blank units
[2] = Based upon Cha
[3] = Standard is estal

1 of 2

1.2.4-TMB (μg/kg)	1.3.5-TMB (μg/kg)	m- & p-Xylene (μg/kg)	o-Xylene (μg/kg)	GRO (mg/kg)	DRO (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)	TOC (mg/kg)	HUC (cfu/g)
56	<25	<25	<25	14	17	<3.8	NA	NA	NA
250	150	<25	<25	18	<4.3	<3.5	NA	NA	NA
<30	<30	<30	<30	<5.7	7.3	NA	NA	NA	NA
<28	<28	<28	<28	<5.7	<5.0	NA	NA	NA	NA
ity Control Samples									
NA	NA	NA	NA	<2500	NA	NA	NA	NA	NA
<25	<25	<25	<25	<2500	NA	NA	NA	NA	NA
<25	<25	<25	<25	<2500	NA	NA	NA	NA	NA
<25	<25	<25	<25	<2500	NA	NA	NA	NA	NA
<25	<25	<25	<25	<2500	NA	NA	NA	NA	NA
Standards[2]									
NE	NE	4,100[3]	4,100[3]	100	250	250/500	NE	--	--

ization detection
; interval in a saturated zone
n volatile organic compounds
anic carbon
bon utilizer count
not established
k units in micrograms per liter
on Chapter NR 720 generic standards
is established for total xylenes.

TABLE II

SUMMARY OF SOIL SAMPLE ANALYSIS RESULTS FROM SOIL BORINGS

PVOC Results In ug/kg
DRO, GRO, And Lead Results In mg/kg

LOCATION	DEPTH(ft)	DRO	GRO	LEAD	BENZENE	ETHYLBENZENE	MTBE	TOLUENE	TOTAL XYLENES
MW-6	10.0-12.0	<3.7	<3.0	<3.9	<25	<25	<25	<25	<50
MW-7	15.0-17.0	4.9	<2.5	<3.4	32	31	<25	<25	110
MW-8	10.0-12.0	<3.9	<3.0	<4.0	<25	<25	<25	<25	<50
	22.5-24.5	--	<2.7	--	<25	<25	<25	<25	<50
MW-9	7.5-9.5	<4.1	<3.0	4.1	<25	<25	<25	<25	<50
	22.5-24.5	--	<3.1	--	<25	<25	<25	<25	<50

Note: -- denotes not analyzed

Table 4-2

Soil Analytical Results
Detected PAH Compounds
Parkos Oil Company, Inc. - STH 42
Kewaunee, Wisconsin

Sampling Location	Sampling Date	Sampling Depth (ft)	Anthracene (μg/kg)	Fluorene (μg/kg)	1-Methyl Naphthalene (μg/kg)	2-Methyl Naphthalene (μg/kg)	Naphthalene (μg/kg)
SB-01	05/18/94	10-12	<77	410	4,400	8,700	4,400
SB-02	05/17/94	10-12	<38	210	1,900	3,300	1,900
SB-03	05/17/94	9-11	<7.5	20	200	390	160
SB-04	05/18/94	10-12	<180	1,200	13,000	25,000	16,000
GP-01	05/10/95	13-15	<46	<230	2,000	4,000	1,700
GP-02	05/10/95	16-18	<2.1	<10	<52	<52	<52
GP-03	05/10/95	15-17	1.1	120	1,500	3,000	1,400
GP-04	05/10/95	15-17	<0.7	<3.7	<19	<19	<19
GP-05	05/10/95	20.5-22.5	<0.8	<4.2	70	<21	<21
GP-06	05/10/95	17-19	<2.3	<11	82	89	<57

μg/kg = Micrograms per kilogram.
PAH = Polynuclear aromatic hydrocarbon.
< = Compound below the detection limit shown.

Table 4-3

Soil Analytical Results
Polychlorinated Biphenyls
May 1994
Parkos Oil Company, Inc. - STH 42
Kewaunee, Wisconsin

Sampling Location	Sampling Depth (feet)	PCB-1016 (μg/kg)	PCB-1221 (μg/kg)	PCB-1232 (μg/kg)	PCB-1242 (μg/kg)	PCB-1248 (μg/kg)	PCB-1254 (μg/kg)	PCB-1260 (μg/kg)
SB-01	10-12	<8.5	<41	<7.2	<8.5	<9.0	<8.5	<14

PCB = Polychlorinated biphenyl
< = Compound was not identified above the detection limit shown
μg/kg = Micrograms per kilogram

environmental assessment was performed to characterize potential environmental contamination along the STH 42 right-of-way (ROW) corridor in Kewaunee.

Three soil borings (BP-4, BP-5 and BP-6) were drilled in the proposed ROW adjacent to the Parkos site on April 6, 1993. The locations of these borings are shown on Figure 1-2. The soil borings were drilled with four-inch solid stem augers and continuously sampled with a two-inch split spoon sampler to depths of 9.5 to 15 ft below ground surface. Soil samples were field screened for the presence of ionizable organic compounds (IOCs) with a portable flame ionization detector (FID). FID readings were recorded on the soil boring logs and are summarized below:

Sampling Depth (ft)	Flame Ionization Detector Readings (ppm)		
	BP-4	BP-5	BP-6
0-2	NS	NS	NS
2-4	<1	<1	<1
4-6	<1	4	<1
6-8	<1	500	999+
8-10	60	850	999+
10-12	NS	999+	999+
13-15	999+		

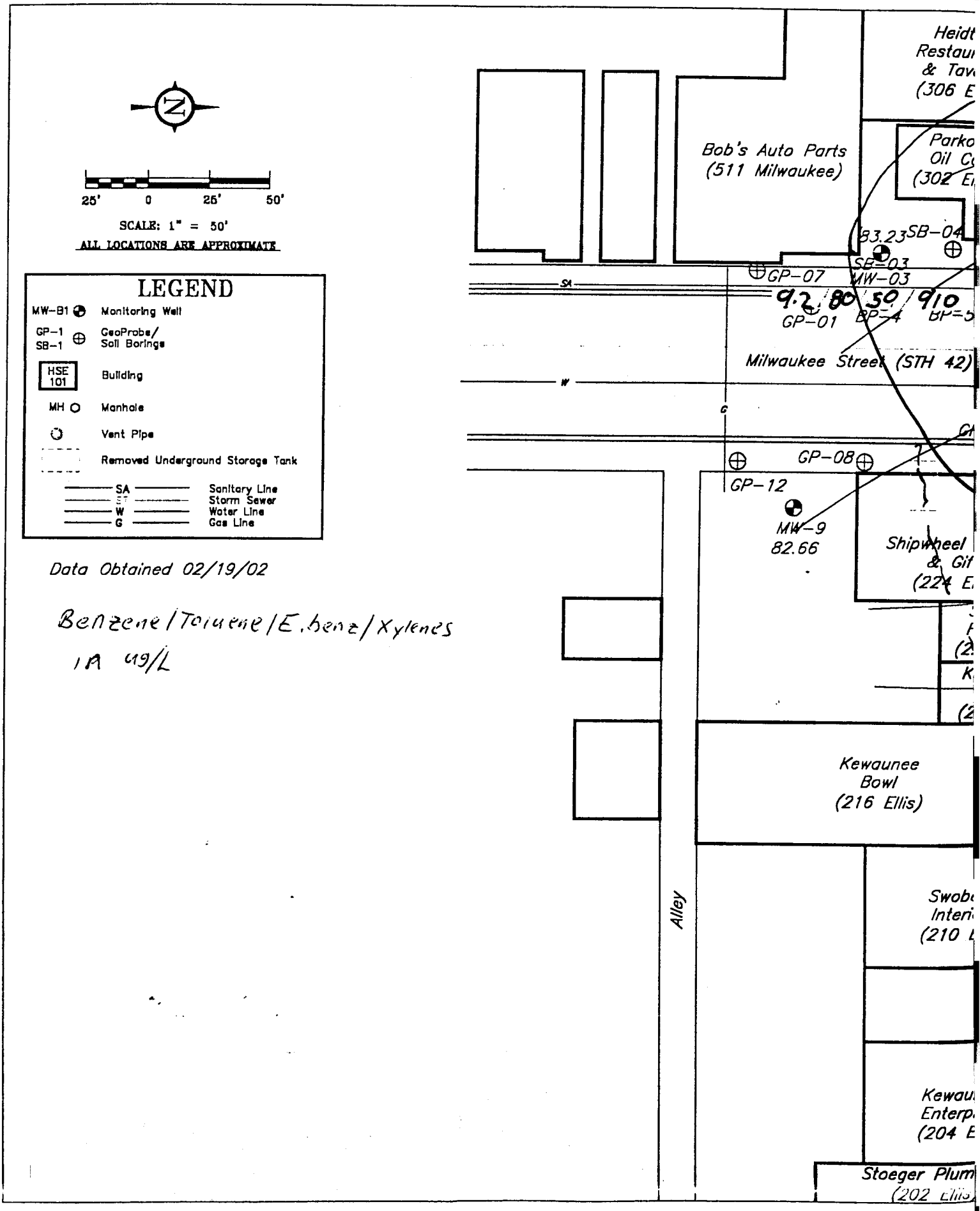
ppm: parts per million
NS: Not Sampled

Two soil samples were collected from each boring and were analyzed for gasoline range organics (GRO) following the Wisconsin Modified GRO procedure and petroleum volatile organic compounds (PVOC) following EPA Method 8020. Analytical data are summarized below:

Sampling Location	Sampling Depth (ft)	Detected Constituent Concentrations						
		Benzene (ug/kg)	Ethyl-benzene (ug/kg)	Toluene (ug/kg)	Total Xylene (ug/kg)	1.2.4-Trimethyl-benzene (ug/kg)	1.3.5-Trimethyl-benzene (ug/kg)	Gasoline Range Organics (mg/kg)
BP-4	8-10	2.0	<3.8	<3.8	11	8.0	<6.6	<3.5
	13-15	14300	67500	49400	259000	204000	53400	2240
BP-5	6-8	4230	3240	1270	6420	12.2	8.5	42
	10-12	14700	41400	67000	167000	93800	25500	970
BP-6	6-8	1730	491	277	1360	16.8	7.8	207
	10-12	7800	16000	34000	62800	32900	9117.3	3050

contamination

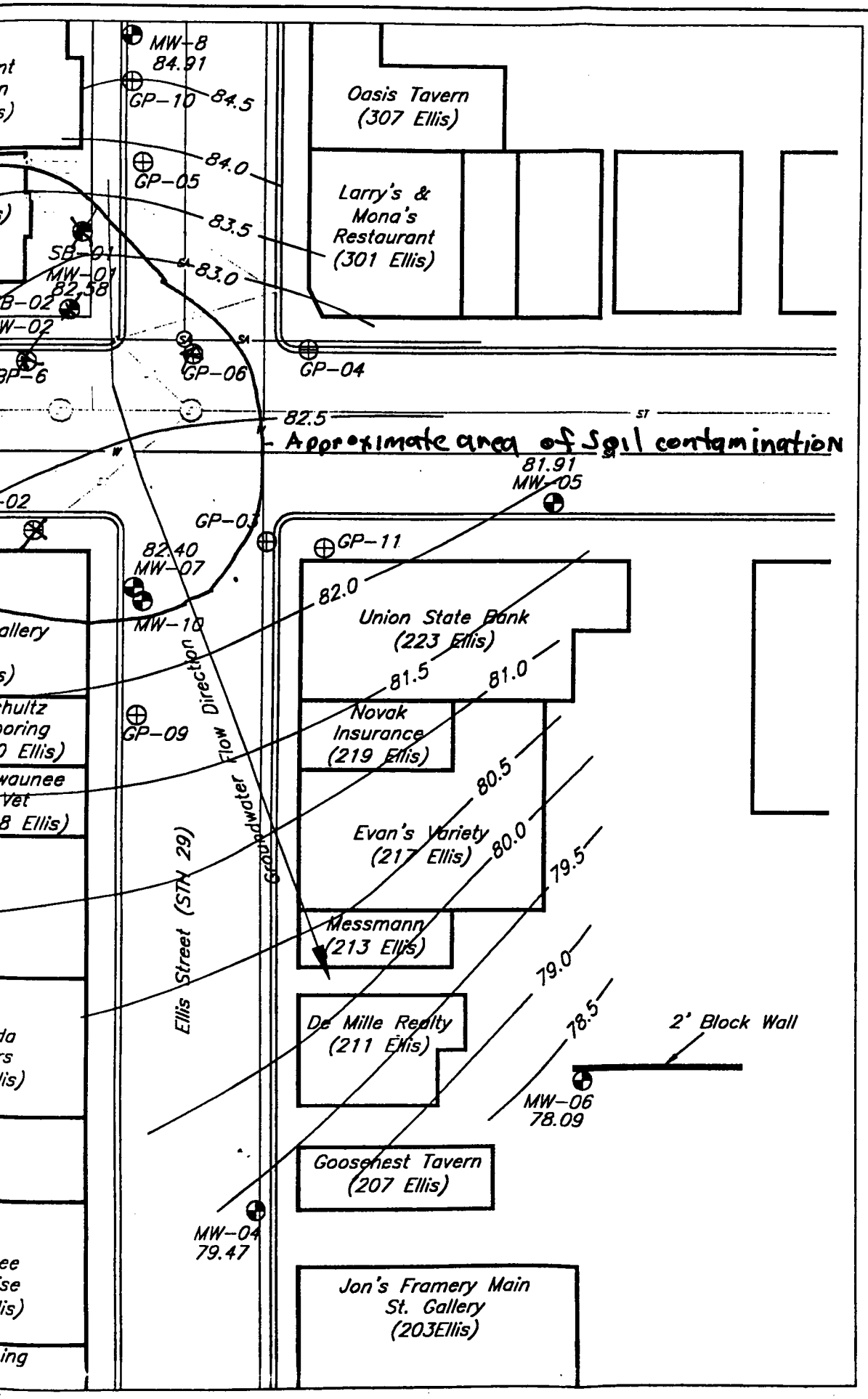
2 of 2



Data Obtained 02/19/02

Benzene/Toluene/E.benz/Xylenes
1A ug/L

1 of 2



Parkos Oil Co., Inc. - Kewaunee, WI

Figure : Soil Contamination Map

80302

NRP ENVIRONMENTAL CONSULTANTS, INC.

TABLE IV

SUMMARY OF GROUNDWATER ELEVATIONS

Groundwater Elevations Obtained 02/14/02

Well #	Top Of Casing Elevation	Depth To Groundwater	Groundwater Elevation
MW-2	101.21'	18.63'	82.58'
MW-3	103.31'	20.08'	83.23'
MW-4	92.35'	12.88'	79.47'
MW-5	95.22'	13.31'	81.91'
MW-6	87.98'	9.94'	78.04'
MW-7	97.87'	15.47'	82.40'
MW-8	103.84'	18.93'	84.91'
MW-9	96.53'	13.87'	82.66'
MW-10	97.86'	17.25'	80.61'

Groundwater Elevations Obtained 10/29/01

Well #	Top Of Casing Elevation	Depth To Groundwater	Groundwater Elevation
MW-2	101.21'	18.39'	82.82'
MW-3	103.31'	19.43'	83.88'
MW-4	92.35'	12.41'	79.94'
MW-5	95.22'	13.13'	82.09'
MW-6	87.98'	9.28'	78.70'
MW-7	97.87'	15.19'	82.68'
MW-8	103.84'	19.43'	84.41'
MW-9	96.53'	13.57'	82.96'
MW-10	97.86'	18.91'	78.95'

Groundwater Elevations Obtained 08/11/98

Well #	Top Of Casing Elevation	Depth To Groundwater	Groundwater Elevation
MW-2	101.21'	18.52'	82.69'
MW-3	103.31'	20.28'	83.03'
MW-4	92.35'	12.27'	80.08'
MW-5	95.22'	13.03'	82.19'
MW-6	87.98'	8.87'	79.11'
MW-7	97.87'	14.96'	82.91'

2 OF 2

25' 0 25' 50'

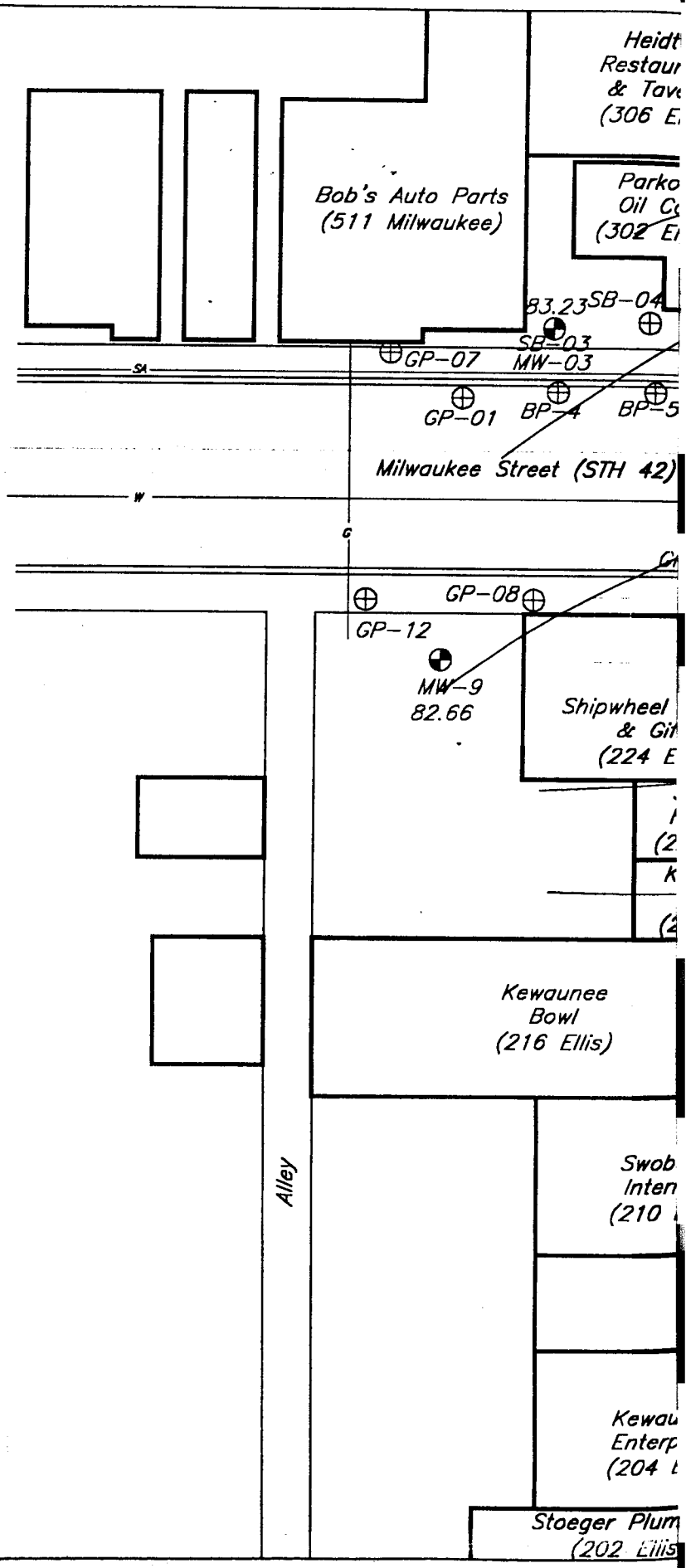
SCALE: 1" = 50'

ALL LOCATIONS ARE APPROXIMATE

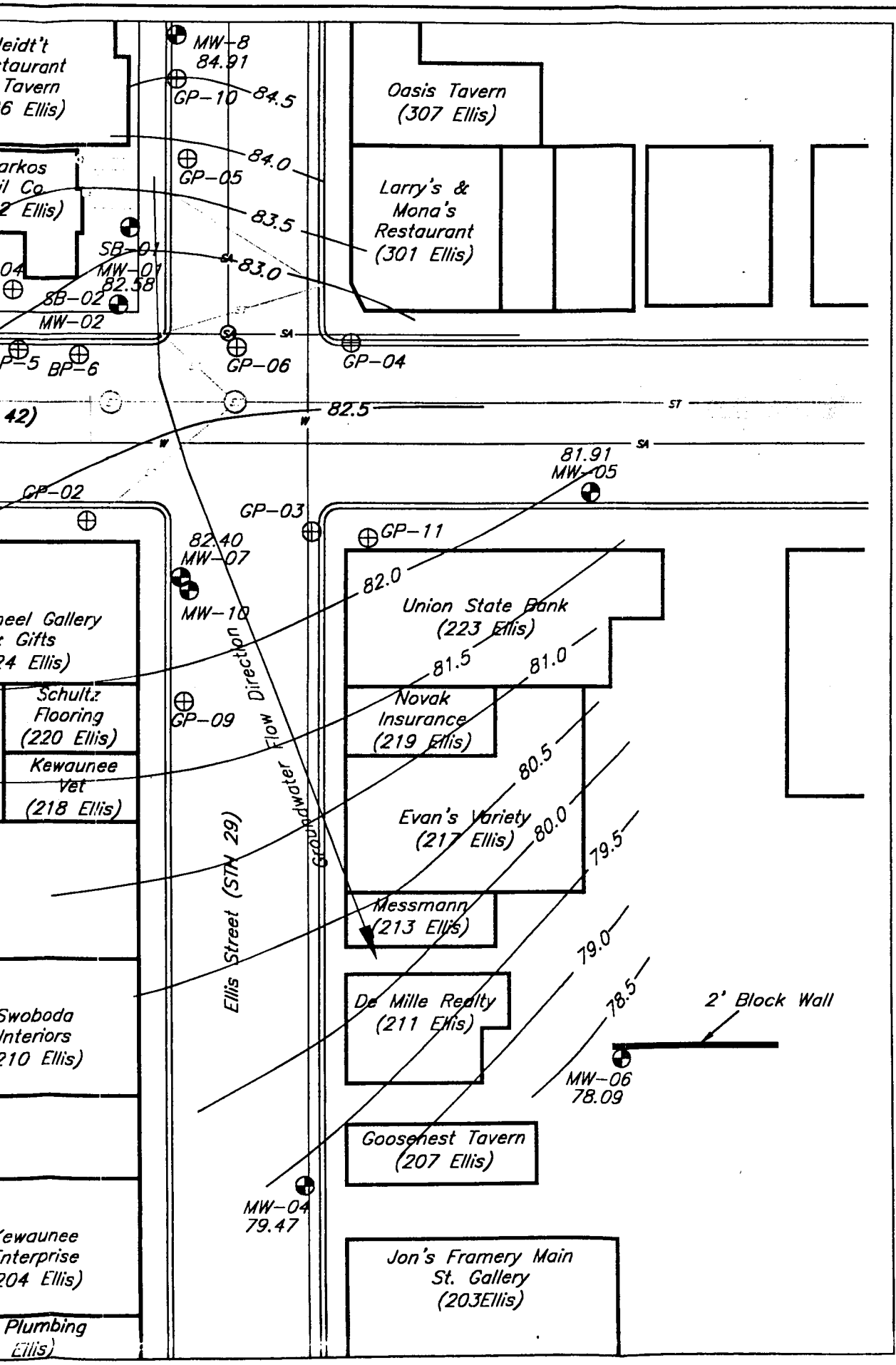
LEGEND

MW-B1	Monitoring Well
GP-1 SB-1	GeoProbe/ Soil Boringe
HSE 101	Building
MH	Manhole
	Vent Pipe
	Removed Underground Storage Tank
SA	Sanitary Line
ST	Storm Sewer
W	Water Line
G	Gas Line

Data Obtained 02/19/02



1 of 2

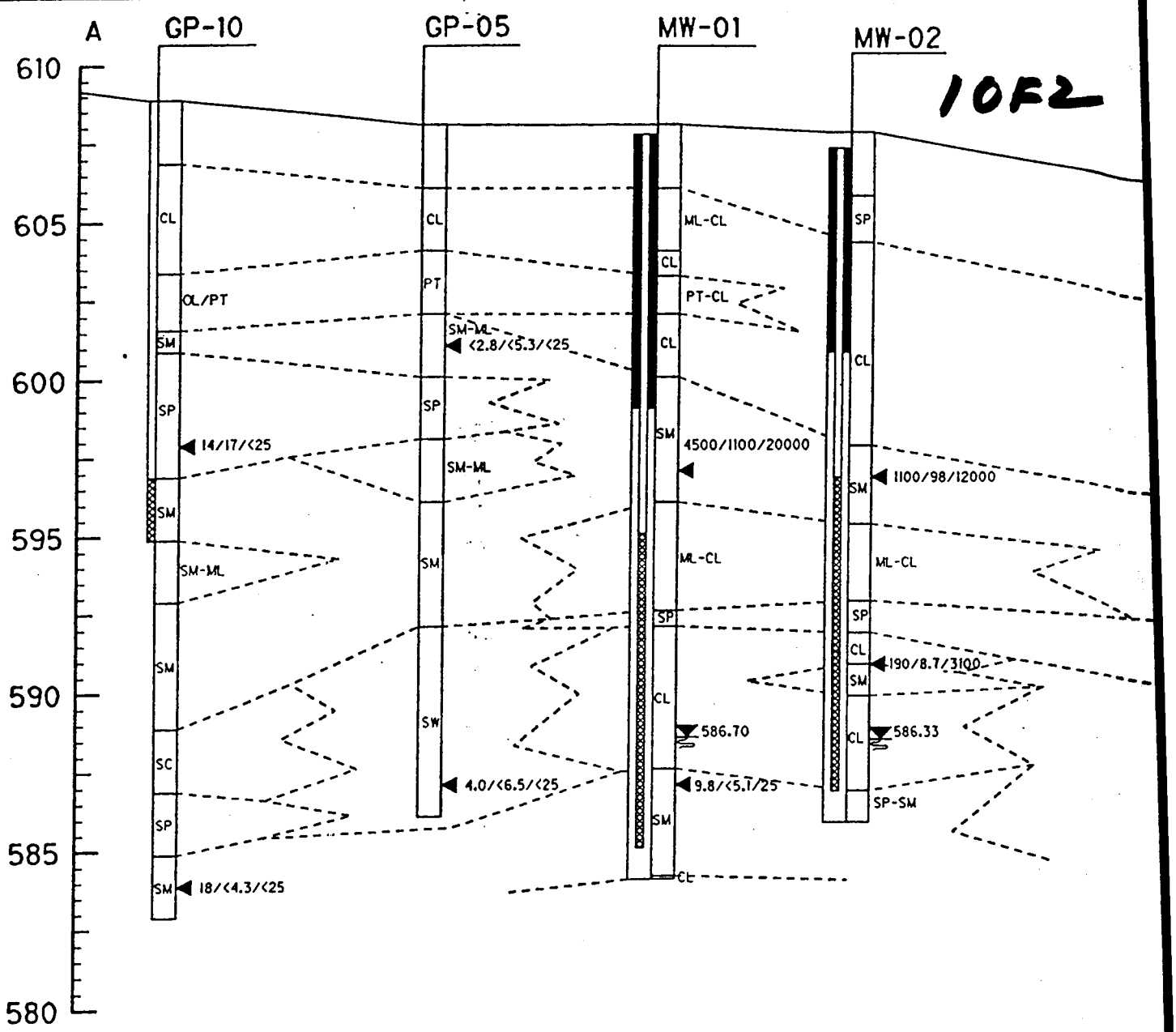


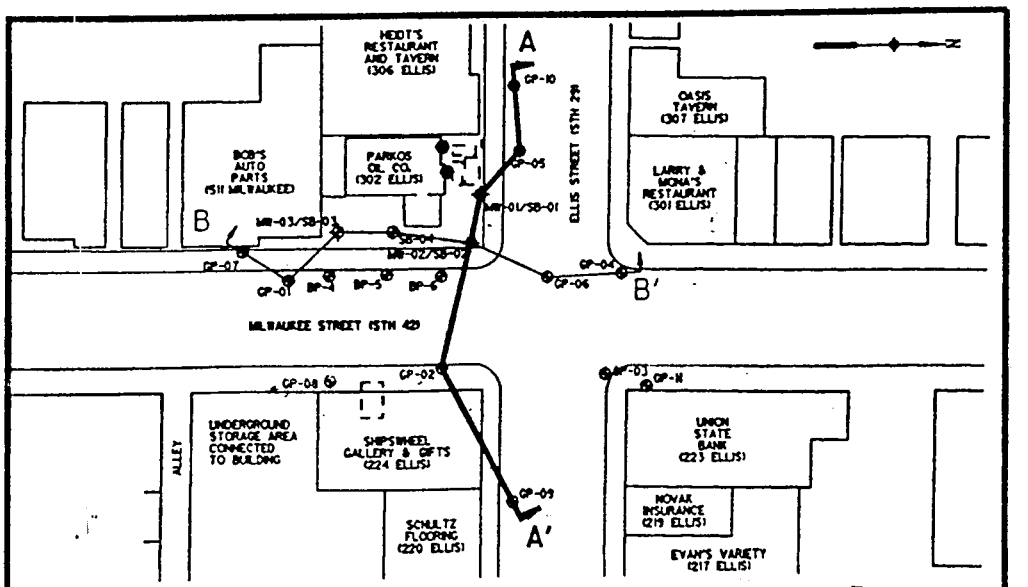
Parkos Oil Co., Inc. - Kewaunee, WI

Figure 3 : Groundwater Contour Map

80302

NRP ENVIRONMENTAL CONSULTANTS, INC.





GEOLOGIC CROSS SECTION LOCATION MAP

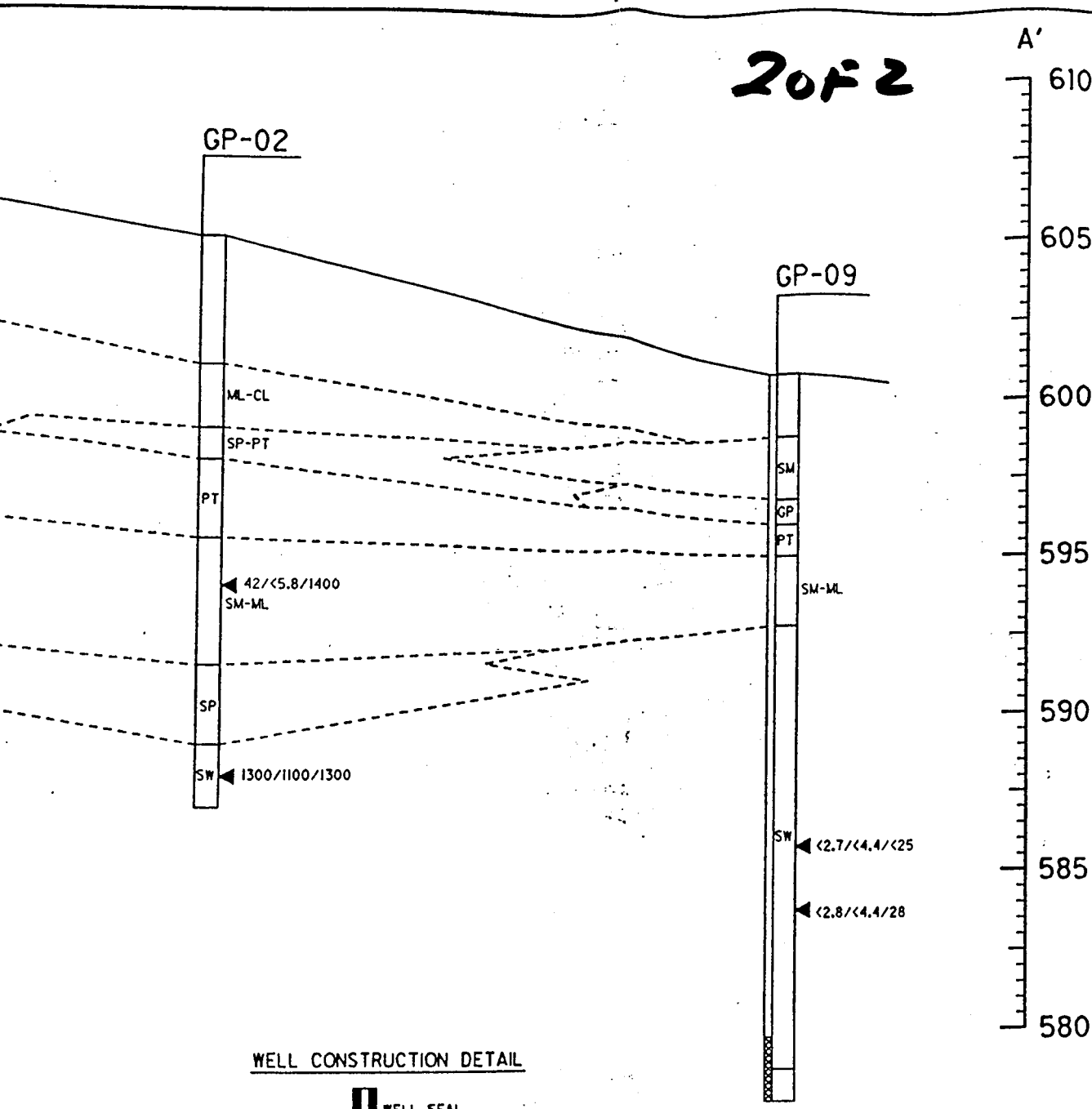
NOT TO SCALE

LEGEND

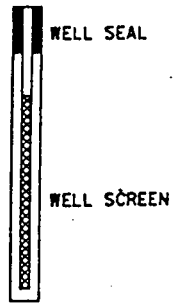
GP	SANDY GRAVEL
PT	PEAT
GC	CLAYEY SANDY GRAVEL
OL	ORGANIC SILT
CL	CLAY
ML	SILT
SC	CLAYEY SAND
SM	SILTY SAND
SP	POORLY GRADED SAND
SW	WELL GRADED SAND
- - - - - -	INFERRED CONTACT LINE
◀ 4.0/<6.5/<25	ANALYTICAL SOIL SAMPLE LOC GASOLINE RANGE ORGANICS (MI DIESEL RANGE ORGANICS (MILLI BENZENE (MICROGRAMS PER KIL
▼ 586.70	GROUNDWATER ELEVATION (MSL

C:\cadwork\4p73f6.dgn

2 of 2



WELL CONSTRUCTION DETAIL

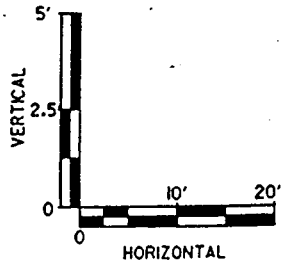


NOTE:

THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA INDICATED ON THE SECTIONS WERE GENERALIZED FROM AND INTERPOLATED BETWEEN THE TEST BORINGS. INFORMATION ON ACTUAL SUBSURFACE CONDITIONS EXISTS ONLY AT THE LOCATION OF THE TEST BORINGS AND IT IS POSSIBLE THAT SUBSURFACE CONDITIONS BETWEEN THE TEST BORINGS MAY VARY FROM THOSE INDICATED.

ATION WITH
LLIGRAMS PER KILOGRAM)
GRAMS PER KILOGRAM)
LOGRAM) CONCENTRATIONS

) MARCH 28, 1996



PARKOS OIL CO. - STH. 42

FIGURE 2-1

GEOLOGIC CROSS SECTION A-A'

Scale:	AS SHOWN	Date:	DECEMBER, 1996
Prepared By:	Foth & Van Dyke	By:	GAM

93P116

Parkos Oil Co.
P.O. Box 242
Kewaunee, WI 54216

Legal descriptions of properties located on Ellis Street, Kewaunee, Wisconsin are complete and accurate.

Owner Dean C. Parkos 3/2/03
Dean C. Parkos

PARKOS OIL CO
302 ELLIS ST
KEWAUNEE WI 54216
920-388-2656

MAR 2, 2003 8:00

City of Kewaunee.
413 milw St.
Kewaunee WI
54216

Subject: Notice of Possible Remaining Contamination - Near Parkos Oil, 302 Ellis Street - WDNR Case # 03-31-001580, PECFA ID # 54216-1327-02

City of Kewaunee.:

Please consider this letter notification of the possibility of petroleum related contamination under Ellis + Milw Streets. As part of the case closure process, the WDNR requires that I notify you of possible contamination on your property.

"Groundwater contamination that appears to have originated on the property located at Parkos Oil - 302 Ellis Street, Kewaunee has migrated onto your property at the Intersection of Ellis + Milwaukee Street. The levels of benzene, ethylbenzene, toluene, total xylenes, and naphthalene contamination in the groundwater on your property are above the state groundwater enforcement standards found in NR 140, Wisconsin Administrative Code. However, the environmental consultants who have investigated this contamination have informed me that this groundwater plume is stable or receding and will naturally degrade over time. I believe that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726 and chapter NR 746 and COMM 46, Wisconsin Administrative Code, and I will be requesting that the Department of Commerce accept natural attenuation as the final remedy for this site and grant case closure. Closure meets that the Department will not be requiring any further investigation or cleanup action to be taken, other that reliance on natural attenuation"

"Since the source of the contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this groundwater, as long as you and any subsequent owners comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of section 292.13, Wisconsin Statutes, you may call 1-800-367-6076 for calls originating in Wisconsin, or 608-264-6020 if you are calling from out of the state or within the Madison area to obtain a copy of the Department of Natural resources publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination."

"The Department of Commerce will not review my closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the Department to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the Department of Commerce that is relevant to this closure request, you should mail that information to: Mr.

Robert Klauk, DOC - Oshkosh Office, 2129 Jackson Street, Oshkosh, WI 54901."

"If this case is closed, all properties within the site boundaries where groundwater contamination exceeds chapter NR 140 groundwater enforcement standards will be listed on the Department of Natural Resources' geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 enforcement standards was found at the time the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect"

"Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposed to construct a well on your property in the future will first need to call the Diggers Hotline (1-800-242-8511) if your property is located outside of the service area of a municipally owned water system, or contact the Drinking Water program within the Department of Natural Resources if your property is located within the designated service area of a municipally owned water system, to determine if there is a need for special well construction standards."

"Once the Department makes a decision on my closure request, it will be documented in a letter. If the Department grants closure, you may obtain a copy of this letter by requesting a copy from me, by writing to the agency address given above or by accessing the DNR GIS Registry of Closed Remediation Sites on the internet at www.dnr.state.wi.us/org/at/et/geo/gwur. A copy of the closure letter is included as part of the file on the GIS Registry of Closed Remediation Sites"

"If you need more information, you may contact me at Mr. Dean Parkos, Parkos Oil Company, 302 Ellis Street, Kewaunee, WI or you may contact Mr. Robert Klauk, DOC - Oshkosh Office, 2129 Jackson Street, Oshkosh, WI 54901 at (920) 424-0046.

If there are any questions regarding this letter, please contact my consultant, Robert Herubin of NRP Environmental Consultants, Inc. at (920) 339-9212.