GIS REGISTRY INFORMATION

SITE NAME:	Brickner Motors		
BRRTS #:	03-37-000650	**FID #** (if appropriate):	
COMMERCE # (if appropriate):	54448-9599-50		
CLOSURE DATE:	October 18, 2004		
STREET ADDRESS:	16450 County Rd A		
CITY:	Marathon		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	~~53264~~ 532266	**Y =**	~~508275~~ 508278		
CONTAMINATED MEDIA:	Groundwater	X	Soil		Both	
OFF-SOURCE GW CONTAMINATION >ES:		Yes			No	X
• **IF YES, STREET ADDRESS:**						
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**		**Y =**			
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):		Yes		No	X	
• **IF YES, STREET ADDRESS 1:**						
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**		**Y =**			
CONTAMINATION IN RIGHT OF WAY:	Yes		No	X		

DOCUMENTS NEEDED

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

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
Jim Doyle, Governor
Cory L. Nettles, Secretary

October 18, 2004

Mr. J E Brickner
Brickner Motors
16450 County Rd A
Marathon, WI 54448

RE: **Final Closure**

Commerce # 54448-9599-50 WDNR BRRTS # 03-37-000650
Brickner Motors, 16450 County Rd A, Marathon

Dear Mr. Brickner:

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 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 (608) 266-0593.

Sincerely,

Brian F. Taylor
Hydrogeologist
Site Review Section

cc: Mr. Brian Hoppe, REI
Case File

DOCUMENT NO. 943452

STATE BAR OF WISCONSIN FORM 3 — 1982
QUIT CLAIM DEED

VOL 553 PAGE 357

THIS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE
MARATHON COUNTY, WI
05-03-1991 10:18 AM
VOLUME 553 OF MICRO RECORDS ON PAGE 357
Michael J. Sydow
REGISTER
5-3-91

RETURN TO
Brickner Motors Inc.
16450 Hwy "A"
Marathon, WI 54448

Jerome E. Brickner and Grace C. Brickner, husband and wife

quit-claims to Brickner Motors Inc., a Wisconsin Corporation

the following described real estate in Marathon County, State of Wisconsin:

part of 2.303006.12.3 and

all of Tax Parcel No: 2.303006.12.5

Part of the South One-Half of the fractional Southwest One-Quarter, Section 30, Township 30 North, Range 6 East, Town of Berlin to wit: Commencing at the southwest corner of said Section 30; N 89°49'30" E along the south line of Section 30 231.00 feet to the point of beginning; N 0°00' E parallel to the west line of said Section 30 356.00 feet; N 89°49'30" E 280.00 feet; S 0°00' W 133.25 feet; S 89°49'30" W 189.25 feet; S 36°48'30" W 78.03 feet; S 0°00' W 160.42 feet; S 89°49'30" W 44.00 feet to the point of beginning. Reserving those lands used for public highway purposes along the south line of the property. Also subject to easements of record.

TRANSFER $ 15.00 FEE

KEITH R. VREELAND NOTARY PUBLIC STATE OF WISCONSIN

This is not (is) (is not) homestead property.

Dated this 29th day of April, 19 91

(SEAL) Jerome E. Brickner (SEAL)
Jerome E. Brickner

(SEAL) Grace C. Brickner (SEAL)
Grace C. Brickner

AUTHENTICATION

Signature(s)

authenticated this day of, 19

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Jerome E. Brickner

(Signatures may be authenticated or acknowledged. are not necessary.)

RECD FOR RECORDS
TIME 10:18 AM
MAY 3 1991
MICHAEL J. SYDOW
REGISTER OF DEEDS

ACKNOWLEDGMENT

STATE OF WISCONSIN
Marathon County. } ss.

Personally came before me this 29th day of April, 19 91 the above named Jerome E. Brickner and Grace C. Brickner

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

Keith R. Vreeland

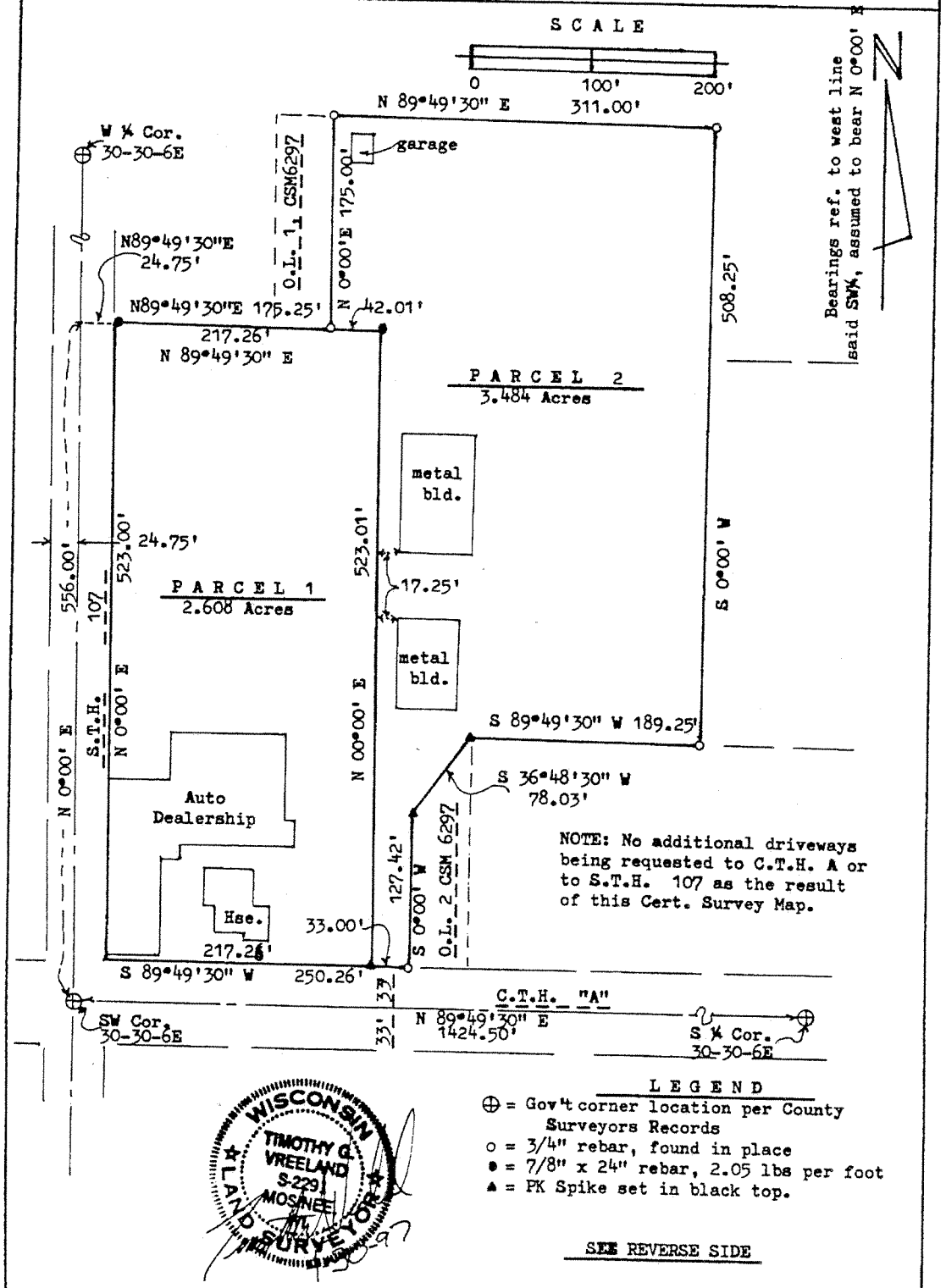
Notary Public Marathon County, Wis.
My Commission is permanent. (If not, state expiration date: May 19, 1991, 19)

Pcl. 1: 004.4.3006.303.0991
Pcl. 2: .0990 9557

1101043
BRICKNER 8557

CERTIFIED SURVEY MAP

MARATHON COUNTY NO._____ VOL._____ PAGE_____
located in South ½ of Frac. SW¼, SECTION 30, T 30 N, R 6 E, Town of Berlin
Prepared By Vreeland Assoc., P.O. Box 41, Mosinee, WI 54455
Phone: 715/693-3979



NOTE: No additional driveways being requested to C.T.H. A or to S.T.H. 107 as the result of this Cert. Survey Map.

LEGEND

⊕ = Gov't corner location per County Surveyors Records
o = 3/4" rebar, found in place
• = 7/8" x 24" rebar, 2.05 lbs per foot
▲ = PK Spike set in black top.

SEE REVERSE SIDE

SURVEYORS CERTIFICATE OF SURVEY

I, Timothy G. Vreeland, Registered Professional Land Surveyor do hereby certify that at the direction of Jerome Brickner I surveyed and mapped and divided the described property and that the map is true and correct and that I have complied with Chapter 236.34 of the Wisconsin Statutes and the Land Divison Ordinance of Marathon County, all to the best of my knowledge and belief.

Timothy G. Vreeland S-2291 4-30-97
Home phone 715/359-6985

DESCRIPTION

All of Lot 1 of Marathon County Certified Survey Map Number 6297, Volume 23, Page 125 except public roads, located in the South One-Half of the Fractional Southwest One Quarter, Section 30, T 30 N, R 6 E, Town of Berlin, Marathon County, Wisconsin, to wit: Commencing at the southwest corner of said Section 30; N 0°00' E along the Section line 556.00 feet; N 89°49'30" E 24.75 feet to the point of beginning; N 89°49'30" E 175.25 feet; N 0°00' E 175.00 feet; N 89°49'30" E 311.00 feet; S 0°00' W 508.25 feet; S 89°49'30" W 189.25 feet; S 36°48'30" W 78.03 feet; S 0°00' W 127.42 feet; S 89°49'30" W 250.26 feet; N 0°00' E 523.00 feet to the point of beginning.

WISCONSIN
TIMOTHY G. VREELAND
S-2291
MOSINEE, WI
LAND SURVEYOR

APPROVED FOR RECORDING
UNDER THE TERMS OF THE
MARATHON COUNTY LAND
DIVISION REGULATIONS.
BY Robert Gruss
DATE May 2, 1997
MARATHON CO. ZONING DEPT.

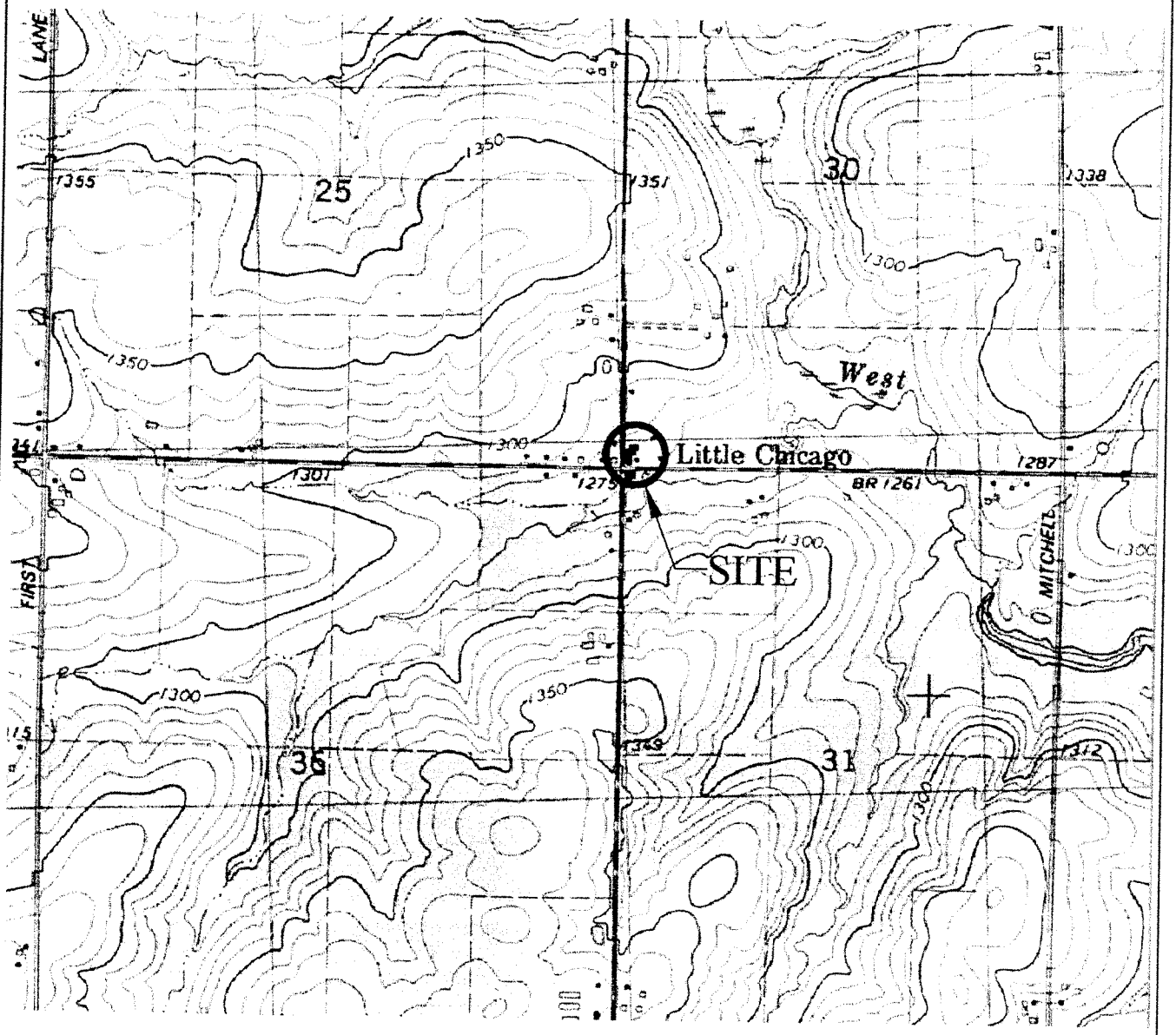
This instrument was
drafted by Keith R. Vreeland

1101043
BRICKNER 8557
REGISTER'S OFFICE
RECD FOR REC'D
MARATHON CO, WI 05-02-1997 10:48 AM

REC'D IN VOL 38 OF CSM PAGE 180
REGISTER

9-4 3006

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



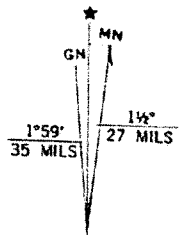
SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



UTM GRID AND 1978 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

LITTLE CHICAGO, WIS.
SE/4 HAMBURG 15' QUADRANGLE
45089-A7-TF-024

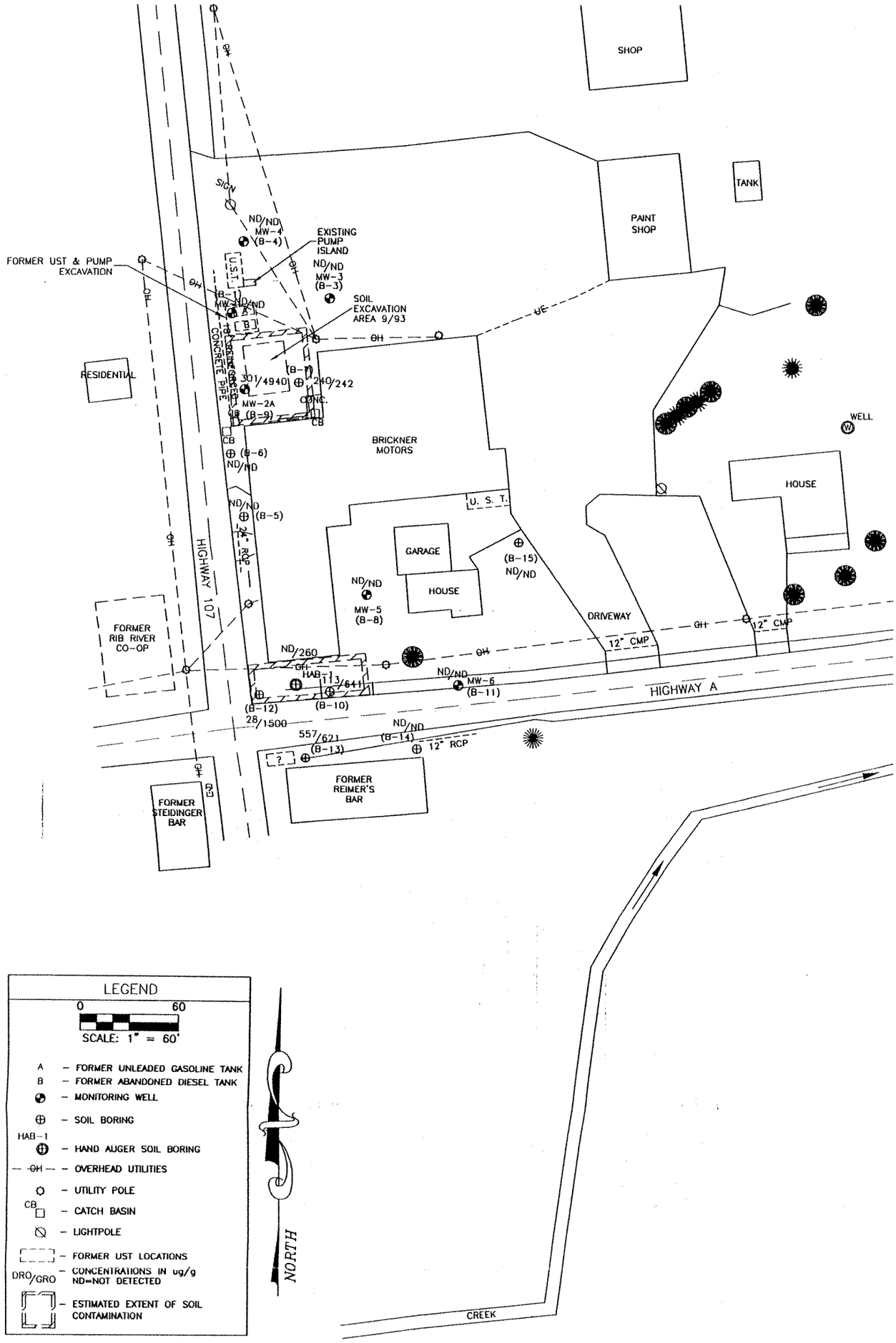
1978
PHOTOINSPECTED 1981
DMA 3074 III SE—SERIES V861

QUADRANGLE LOCATION

BRICKNER MOTORS HIGHWAY 107 & HIGHWAY A LITTLE CHICAGO, WISCONSIN	FIGURE 1 : SITE VICINITY MAP		
	PROJECT NO. #0005	DRAWN BY: DDD	DATE: 10/22/01

\DRAFTING\0005BRCK\0005SOIL-CON1.DWG

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



LEGEND

0 60

SCALE: 1" = 60'

- A – FORMER UNLEADED GASOLINE TANK
- B – FORMER ABANDONED DIESEL TANK
- – MONITORING WELL
- – SOIL BORING
- HAB-1 – HAND AUGER SOIL BORING
- OH – OVERHEAD UTILITIES
- – UTILITY POLE
- CB – CATCH BASIN
- – LIGHTPOLE
- – FORMER UST LOCATIONS
- DRO/GRO – CONCENTRATIONS IN ug/g ND=NOT DETECTED
- – ESTIMATED EXTENT OF SOIL CONTAMINATION

BRICKNER MOTORS HIGHWAY 107 & HIGHWAY A LITTLE CHICAGO, WISCONSIN	FIGURE 3 : ESTIMATED EXTENT OF SOIL CONTAMINATION		
	PROJECT No. #0005	PREPARED BY: DDD	DATE: 10/22/01

Table 5a
Groundwater Analytical Results
Monitoring Well MW1
Brickner Motors
Little Chicago, Wisconsin

Parameter	ES	PAL	Units	MW1		
				4/28/1992	2/3/1993	5/23/1994
DRO	-	-	mg/L	NA	X	120
GRO	-	-	mg/L	NA	X	442
VOC's						
Benzene	5	0.5	µg/L	1.7	X	1.4
Ethylbenzene	700	140	µg/L	7.7	X	7.6
Toluene	1,000	200	µg/L	4.0	X	X
Xylene (total)	10,000	1,000	µg/L	38.6	X	36.2
MTBE	60	12	µg/L	X	X	X
Naphthalene	40	8	µg/L	2.5	X	2.4
1,2,4-Trimethylbenzene	480	96	µg/L	33.3	X	16.7
1,3,5-Trimethylbenzene	480	96	µg/L	29.6	X	15.7
Acenaphthene	-	-	µg/L	4.2	X	0.7
Isopropylbenzene	-	-	µg/L	7.0	X	3.7
n-Butylbenzene	-	-	µg/L	17.1	X	14.1
n-Propylbenzene	-	-	µg/L	13.7	X	5.3
p-isopropyltoluene	-	-	µg/L	1.4	X	X
sec-Butylbenzene	-	-	µg/L	2.5	X	X
Inorganics						
Lead	15	1.5	µg/L	NA	NA	NA
Iron	300	150	mg/L	NA	NA	NA
Nitrate+Nitrite-Nitrogen	250,000	125,000	mg/L	NA	NA	NA
Sulfate	10,000	2,000	mg/L	NA	NA	NA
Field Measurements						
Conductivity	-	-	µs/cm	NA	NA	NA
Dissolved Oxygen	-	-	mg/L	NA	NA	NA
pH	-	-	-	NA	NA	NA
Redox Potential	-	-	mV	NA	NA	NA
Temperature	-	-	°F	NA	NA	NA

Notes:

All values report in µg/L (ppb). Unless otherwise noted.
ES = NR140.10 Enforcement Standards
PAL = NR140.10 Preventive Action Limits
X = Not Detected

TABLE 3a
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			Monitoring Well #1											
PARAMETER (µg/l)	ES	PAL	5/15/97	8/6/97	12/9/97	4/21/98	8/31/98	11/17/98	3/3/99	9/9/99	12/22/99	12/22/99	10/1/03	1/23/04
GRO			32,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRO			4,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected VOC's														
Benzene	5	0.5	**240**	**310**	**12**	**190**	**110**	**200**	**220**	X	**22.2**	<1.5	**42**	**6.2**
Ethylbenzene	700	140	**1,800**	**1,700**	70	**1,300**	**1,100**	**1,000**	**1,500**	**1,370**	*547*	*573*	**1100**	*410*
Toluene	1,000	200	**9,400**	**10,000**	**2,200**	**6,800**	**3,400**	**4,800**	**7,300**	**4,100**	*732*	*771*	**2200**	*270*
Xylenes (total)	10,000	1,000	*9,000*	*8,800*	*2,500*	*6,700*	*4,600*	*4,500*	*7,300*	*978*	*1,675*	*1,804*	*5,900*	*1,360*
Trimethylbenzenes (total)	480	96	**2,210**	**1,960**	**930**	**1,610**	**1,630**	**1,170**	**1,760**	**1,523**	**983**	**1,046**	**2,140**	**710**
Methyll-tert-butyl ether	60	12	X	X	X	X	*40*	X	X	X	<1.5	<1.5	<12	*29*
Isopropylbenzene			81	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	**540**	X	**200**	**570**	**440**	**310**	**450**	X	NA	NA	NA	**160**
n-Propylbenzene			180	180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	0.6	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl Ether			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	850	85	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
c-1,2-Dichloroethene	70	7	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5	**63**	**1,800**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected PAH's														
Anthracene	3,000	600	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	16	**170**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methyl Naphthalene			110	81	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene			73	79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	250	50	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	400	80	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganic Parameters														
Lead (Pb)	15	1.5	**15**	NA	NA	NA	NA	*4*	NA	*2.81*	NA	NA	NA	NA
Iron	300	150	NA	NA	NA	**42,000**	**5,600**	**5,600**	NA	6.72	NA	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	NA	NA	NA	1,200	1,200	100	NA	X	NA	NA	NA	NA
Sulfate	250,000	125,000	NA	NA	NA	18,000	18,000	10,000	NA	X	NA	NA	NA	NA
Field Measurements														
Temperature (°F)			42.4	55.03	46.29	47.47	63.56	52.25	NA	62.92	NA	NA	NA	NA
Conductivity (us/cm)			3770	483	274	416	376	350	NA	420	NA	NA	NA	NA
Dissolved Oxygen (ug/L)			8.08	3.57	0.76	1.08	1.01	2.65	NA	1.21	NA	NA	NA	NA
pH			11.48	7.78	6.66	6.67	5.82	6.21	NA	6.05	NA	NA	NA	NA
Redox Potential (mV)			-246.5	-120.8	-41.6	-14	25.5	-2	NA	-66.4	NA	NA	NA	NA

ES = Enforcement Standards
X = Not Detected
Bold Exceeds Enforcement Standard
Italic Exceeds Preventive Action Limit

PAL = Preventative Action Limit
NA = Not Analyzed
< = Less than Listed Detection Limit
X = Less than Unlisted Detection Limit

K:\REIPROJ\0600-0699\0606\Reports\Closure\[0606C13.xls]MW1

TABLE 3b
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			Monitoring Well #2									
PARAMETER (µg/l)	**ES**	**PAL**	**5/15/97**	**8/6/97**	**12/9/97**	**4/21/98**	**8/31/98**	**11/17/98**	**9/9/99**	**12/22/99**	**10/1/03**	**1/28/04**
GRO			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRO			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected VOC's												
Benzene	5	0.5	X	X	X	X	X	X	X	<0.15	<0.30	<0.30
Ethylbenzene	700	140	0.34	X	X	X	X	X	X	<0.5	<0.60	<0.60
Toluene	1,000	200	0.72	X	X	X	0.31	X	X	<0.3	<0.58	<0.58
Xylenes	10,000	1,000	1.33	X	X	X	X	0.30	X	<0.4	<1.84	<1.84
Trimethylbenzenes (total)	480	96	0.75	X	0.36	X	X	X	X	<0.4	<1.18	<1.18
Methyll-tert-butyl ether	60	12	X	X	X	X	*40*	X	X	<0.3	<0.58	<0.58
Isopropylbenzene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	X	NA	NA	NA	NA	X	X	NA	NA	NA
n-Propylbenzene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	0.6	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl Ether			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	850	85	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
c-1,2-Dichloroethene	70	7	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5	*0.77*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected PAH's												
Anthracene	3,000	600	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methyl Naphthalene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	250	50	X	X	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	400	80	X	X	NA	NA	NA	NA	NA	NA	NA	NA
Inorganic Parameters												
Lead (Pb)	15	2	*1.6*	NA	NA	NA	NA	X	X	NA	NA	NA
Iron	300	150	NA	NA	NA	4,500	*5.5*	*100*	*83*	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	NA	NA	NA	120	140	130	X	NA	NA	NA
Sulfate	250,000	125,000	NA	NA	NA	40,000	34,000	26,000	27,300	NA	NA	NA
Field Measurements												
Temperature (°F)			43.08	54.64	50.62	45.42	61.57	53.62	60.55	NA	NA	NA
Conductivity (us/cm)			539	606	439	318	499	472	627	NA	NA	NA
Dissolved Oxygen (ug/L)			7.09	1.88	2.96	4.84	1.03	3.96	0.51	NA	NA	NA
pH			10.64	6.64	6.59	6.07	7.02	5.94	5.82	NA	NA	NA
Redox Potential (mV)			-231.2	-128.3	93.2	133.2	183	131.6	31.5	NA	NA	NA

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Bold Exceeds Enforcement Standard
Italic Exceeds Preventive Action Limit

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TABLE 3c
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			Monitoring Well #3										
PARAMETER (µg/l)	**ES**	**PAL**	**5/15/97**	**8/6/97**	**12/9/97**	**4/21/98**	**4/21/98**	**11/17/98**	**3/3/99**	**9/9/99**	**12/22/99**	**10/1/03**	**1/28/04**
GRO			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRO			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected VOC's													
Benzene	5	0.5	0.48	X	X	X	X	X	X	X	<0.15	<0.30	<0.30
Ethylbenzene	700	140	0.58	X	0.32	X	X	X	X	X	<0.5	<0.60	<0.60
Toluene	1,000	200	0.63	X	X	X	X	X	X	X	<0.3	<0.58	<0.58
Xylenes	10,000	1,000	1.65	X	X	X	X	X	X	X	<0.4	<1.84	<1.84
Trimethylbenzenes(total)	480	96	1.22	X	X	0.37	X	X	X	X	<0.4	<1.18	<1.18
Methyll-tert-butyl ether	60	12	X	X	X	X	*40*	X	X	X	<0.3	<0.58	<0.58
Isopropylbenzene			0.58	NA	NA	X	X	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	1.00	NA	NA	0.70	X	X	X	X	NA	NA	NA
n-Propylbenzene			0.63	NA	NA	X	X	NA	NA	NA	NA	NA	NA
n-Butylbenzene			0.64	NA	NA	X	X	NA	NA	NA	NA	NA	NA
Chloroform	6	0.6	0.28	NA	NA	X	X	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	X	NA	NA	X	X	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene			0.68	NA	NA	0.42	0.42	NA	NA	NA	NA	NA	NA
Isopropyl Ether			X	NA	NA	X	X	NA	NA	NA	NA	NA	NA
2-Chlorotoluene			0.45	NA	NA	X	X	NA	NA	NA	NA	NA	NA
4-Chlorotoluene			0.46	NA	NA	X	X	NA	NA	NA	NA	NA	NA
sec-Butylbenzene			0.69	NA	NA	0.27	0.15	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	850	85	0.29	NA	NA	X	X	NA	NA	NA	NA	NA	NA
c-1,2-Dichloroethene	70	7	0.24	NA	NA	X	X	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5	*0.54*	NA	NA	X	X	NA	NA	NA	NA	NA	NA
Trichloroethene			0.71	NA	NA	X	X	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	*0.59*	NA	NA	X	X	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5	X	NA	NA	X	0.28	NA	NA	NA	NA	NA	NA
Detected PAH's													
Anthracene	3,000	600	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methyl Naphthalene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	250	50	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	400	80	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganic Parameters													
Lead (Pb)	15	2	1.20	NA	NA	NA	NA	1.3	NA	NA	NA	NA	NA
Iron	300	150	NA	NA	NA	**70,000**	**38,000**	**17,000**	NA	83	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	NA	NA	NA	50	55	130	NA	X	NA	NA	NA
Sulfate	250,000	125,000	NA	NA	NA	44,000	23,000	26,000	NA	27,300	NA	NA	NA
Field Measurements													
Temperature (°F)			43.61	56.89	46.64	42.23	59.93	53.38	NA	60.5	NA	NA	NA
Conductivity (us/cm)			698	1248	829	1701	2373	2250	NA	1990	NA	NA	NA
Dissolved Oxygen (ug/L)			3.96	3.59	1.49	1.62	1.25	2.55	NA	0.67	NA	NA	NA
pH			10.21	6.93	6.06	5.98	5.54	5.8	NA	5.45	NA	NA	NA
Redox Potential (mV)			-244.7	-103	9.4	38.6	55.6	2.6	NA	60.5	NA	NA	NA

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TABLE 3d
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			Monitoring Well #4								
PARAMETER (µg/l)	ES	PAL	5/15/97	8/6/97	12/9/97	4/21/98	8/31/98	11/17/98	9/9/99	12/22/99	10/1/03
GRO			X	NA	NA	NA	NA	NA	NA	NA	NA
DRO			X	NA	NA	NA	NA	NA	NA	NA	NA
Detected VOC's											
Benzene	5	0.5	X	X	X	X	X	X	X	NA	<0.30
Ethylbenzene	700	140	0.35	X	X	0.08	X	X	X	NA	<0.60
Toluene	1,000	200	0.96	X	X	X	0.32	0.29	X	NA	<0.58
Xylenes	10,000	1,000	1.90	X	X	X	X	X	X	NA	<1.84
Trimethylbenzenes(total)	480	96	0.54	X	X	X	X	X	X	NA	<1.18
Methyll-tert-butyl ether	60	12	X	X	X	X	*40*	X	X	NA	<0.58
Isopropylbenzene			X	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	X	NA	NA	NA	NA	X	X	NA	NA
n-Propylbenzene			X	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene			X	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	0.6	X	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	X	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene			X	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl Ether			X	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene			X	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene			X	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene			4.00	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	850	85	X	NA	NA	NA	NA	NA	NA	NA	NA
c-1,2-Dichloroethene	70	7	X	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene			X	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5	*0.58*	NA	NA	NA	NA	NA	NA	NA	NA
Detected PAH's											
Anthracene	3,000	600	X	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	X	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	X	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			X	NA	NA	NA	NA	NA	NA	NA	NA
1-Methyl Naphthalene			0.86	NA	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene			0.44	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	250	50	X	X	NA	NA	NA	NA	NA	NA	NA
Fluorene	400	80	X	X	NA	NA	NA	NA	NA	NA	NA
Inorganic Parameters											
Lead (Pb)	15	2	*2.40*	NA	NA	NA	NA	1.8	NA	NA	NA
Iron	300	150	NA	NA	NA	**57,000**	**35,000**	**17,000**	**41,100**	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	NA	NA	NA	20	54	130	X	NA	NA
Sulfate	250,000	125,000	NA	NA	NA	15,000	16,000	26,000	23,300	NA	NA
Field Measurements											
Temperature (°F)			42.4	51	48.08	41.79	58.63	54.26	61.47	NA	NA
Conductivity (us/cm)			867	1114	1255	1459	2274	2128	3125	NA	NA
Dissolved Oxygen (ug/L)			5.68	4.89	1.9	2.2	1.18	3.1	0.97	NA	NA
pH			9.98	6.07	6.01	5.89	5.58	5.69	5.33	NA	NA
Redox Potential (mV)			-235.3	-103.7	30.4	62.7	36.6	8.2	3.1	NA	NA

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TABLE 3e
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			Monitoring Well #5										
PARAMETER (µg/l)	**ES**	**PAL**	**5/15/97**	**8/6/97**	**12/9/97**	**4/21/98**	**8/31/98**	**11/17/98**	**3/3/99**	**9/9/99**	**12/22/99**	**10/1/03**	**1/23/04**
GRO			1,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRO			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected VOC's													
Benzene	5	0.5	X	X	X	*1*	**7.5**	X	X	*0.511*	*4.46*	0.36	<0.30
Ethylbenzene	700	140	3	12	43	3	19	25	X	2.37	78.6	1.5	3.8
Toluene	1,000	200	X	X	4	0.4	4.1	7.4	X	3.25	19.2	1.0	1.2
Xylenes	10,000	1,000	8	27	230	X	57	88	X	0.752	527.7	2.1	8.5
Trimethylbenzenes (total)	480	96	*174*	**880**	**630**	38	*440*	**570**	3	*222*	**1151**	40	57
Methyll-tert-butyl ether	60	12	X	X	X	X	*40*	*43*	2.9	X	<1.5	2.0	19
Isopropylbenzene			7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	3	NA	NA	NA	NA	**42**	X	X	NA	NA	NA
n-Propylbenzene			38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	0.6	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene			1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl Ether			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	850	85	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
c-1,2-Dichloroethene	70	7	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected PAH's													
Anthracene	3,000	600	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	0.38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methyl Naphthalene			2.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene			0.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	250	50	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	400	80	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganic Parameters													
Lead (Pb)	15	2	*2*	NA	NA	NA	NA	X	NA	NA	NA	NA	NA
Iron	300	150	NA	NA	NA	**38,000**	**2,400**	**3,100**	NA	**2,500**	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	NA	NA	NA	20	X	640	NA	X	NA	NA	NA
Sulfate	250,000	125,000	NA	NA	NA	33,000	13,000	12,000	NA	13,800	NA	NA	NA
Field Measurements													
Temperature (°F)			46.4	60.85	42.92	45.67	64.36	51.92	NA	63.53	NA	NA	NA
Conductivity (us/cm)			1261	819	228	513	347	4.29	NA	633	NA	NA	NA
Dissolved Oxygen (ug/L)			3.52	1.77	1.04	1.78	1.49	2.4	NA	0.44	NA	NA	NA
pH			9.4	6.65	6.34	5.76	5.79	5.93	NA	5.79	NA	NA	NA
Redox Potential (mV)			-217.6	-118.5	7.8	100	56.2	5.8	NA	-4.1	NA	NA	NA

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TABLE 3f
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			Monitoring Well #6										
PARAMETER (µg/l)	ES	PAL	5/15/97	8/6/97	12/9/97	4/21/98	8/31/98	11/17/98	3/3/99	9/9/99	12/22/99	10/1/03	1/23/04
GRO			1,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRO			3,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected VOC's													
Benzene	5	0.5	**27**	**34**	**20**	**17**	**110**	**19**	**15**	**19.4**	**20.1**	**10**	**11**
Ethylbenzene	700	140	*140*	*320*	*350*	*160*	**1,100**	*240*	120	*284*	*424*	130	*170*
Toluene	1,000	200	29	60	42	29	**3,400**	39	21	28.7	29.6	10	10
Xylenes	10,000	1,000	307	*1,100*	*1,100*	580	*4,600*	890	510	*1,116*	*1294*	590	350
Trimethylbenzenes (total)	480	96	43	*138*	*298*	56	**1,630**	82	60	94.8	**643**	61.5	*163*
Methyl-tert-butyl ether	60	12	X	X	X	X	40	X	X	X	<3.0	<0.58	3.4
Isopropylbenzene			3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	**51**	NA	**110**	**50**	**440**	**69**	**40**	**68.4**	NA	NA	**54**
n-Propylbenzene			4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	0.6	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl Ether			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	850	85	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
c-1,2-Dichloroethene	70	7	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected PAH's													
Anthracene	3,000	600	1.6	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	2.6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	14	**48**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			0.57	9	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methyl Naphthalene			19	96	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene			10	57	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	250	50	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	400	80	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganic Parameters													
Lead (Pb)	15	2	*2.6*	NA	NA	NA	NA	X	NA	NA	NA	NA	NA
Iron	300	150	NA	NA	NA	**40,000**	**20,000**	**18,000**	NA	**25,400**	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	NA	NA	NA	50	58	60	NA	X	NA	NA	NA
Sulfate	250,000	125,000	NA	NA	NA	11,000	14,000	11,000	NA	X	NA	NA	NA
Field Measurements													
Temperature (°F)			46.4	65.46	42.08	49.42	71.15	48.5	NA	71.31	NA	NA	NA
Conductivity (us/cm)			1261	764	368	454	569	430	NA	710	NA	NA	NA
Dissolved Oxygen (ug/L)			3.52	1.11	1.39	1.11	0.93	2.13	NA	0.99	NA	NA	NA
pH			9.4	6.79	6.42	6.02	5.76	6.08	NA	5.68	NA	NA	NA
Redox Potential (mV)			-217.6	-136.1	-20.2	74.7	33.6	-15.7	NA	-86.4	NA	NA	NA

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TABLE 3g
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			Monitoring Well #7										
PARAMETER (µg/l)	ES	PAL	5/15/1997	8/6/97	12/9/97	4/21/98	8/31/98	11/17/98	3/3/99	9/9/99	12/22/99	10/1/03	1/23/04
GRO			2,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRO			2,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected VOC's													
Benzene	5	0.5	**51**	**150**	**45**	**84**	**58**	**150**	**54**	**19.7**	**41.7**	**48**	**14**
Ethylbenzene	700	140	*350*	**1200**	*180*	*490*	*410*	*530*	*180*	*260*	*222*	*370*	120
Toluene	1,000	200	28	77	9	39	38	65	7.9	11.8	10.5	15	3.2
Xylenes	10,000	1,000	487	*1700*	88	880	*1,000*	*1,300*	150	323	180.1	730	110
Trimethylbenzenes (total)	480	96	**490**	**1,000**	39	**740**	*377*	**590**	*136*	*244*	*132.1*	*467*	*133*
Methyll-tert-butyl ether	60	12	X	X	X	X	*16*	*18*	*45*	X	<1.5	11	*13*
Isopropylbenzene			26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	**110**	NA	*22*	**45**	**110**	**150**	**42**	**43.9**	NA	**170**	*22*
n-Propylbenzene			72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	0.6	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl Ether			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene			6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	850	85	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
c-1,2-Dichloroethene	70	7	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene			X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5	X	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected PAH's													
Anthracene	3,000	600	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	*36*	*19*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			1.5	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methyl Naphthalene			36	26	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene			15	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	250	50	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	400	80	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganic Parameters													
Lead (Pb)	15	2	*2.2*	NA	NA	NA	NA	*1.9*	NA	NA	NA	NA	NA
Iron	300	150	NA	NA	NA	**11,000**	**5,300**	**4,000**	NA	**15,700**	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	NA	NA	NA	60	60	93	NA	X	NA	NA	NA
Sulfate	250,000	125,000	NA	NA	NA	9,000	13,000	15,000	NA	X	NA	NA	NA
Field Measurements													
Temperature (°F)			51.3	66.13	45.32	50.17	71.11	52.42	NA	70.44	NA	NA	NA
Conductivity (us/cm)			690	587	410	487	483	574	NA	691	NA	NA	NA
Dissolved Oxygen (ug/L)			3.29	2.84	1.6	1.44	1.17	2.04	NA	0.99	NA	NA	NA
pH			9.84	6.62	6.39	6.43	5.95	6.17	NA	6	NA	NA	NA
Redox Potential (mV)			-253.8	-109.1	-3	6.5	6.7	-24.4	NA	-50	NA	NA	NA

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Bold Exceeds Enforcement Standard
Italic Exceeds Preventive Action Limit

PAL = Preventative Action Limit
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TABLE 3h
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			Monitoring Well #8						
PARAMETER (µg/l)	ES	PAL	8/31/98	11/17/98	3/3/99	9/9/99	12/22/99	10/1/03	1/28/04
GRO			NA	NA	NA	NA	NA	NA	NA
DRO			NA	NA	NA	NA	NA	NA	NA
Detected VOC's									
Benzene	5	0.5	X	X	X	X	<0.15	<0.30	<0.30
Ethylbenzene	700	140	X	X	X	X	<0.5	<0.60	<0.60
Toluene	1,000	200	0.48	X	X	X	<0.3	<0.58	<0.58
Xylenes	10,000	1,000	X	X	X	X	<0.4	<1.84	<1.84
Trimethylbenzenes (total)	480	96	X	X	X	X	<0.4	<1.18	<1.18
Methyll-tert-butyl ether	60	12	1.7	1.3	X	X	<0.3	<0.58	<0.58
Isopropylbenzene			NA	X	NA	NA	NA	NA	NA
Naphthalene	40	8	NA	0.65	X	X	NA	NA	NA
n-Propylbenzene			NA	X	NA	NA	NA	NA	NA
n-Butylbenzene			NA	X	NA	NA	NA	NA	NA
Chloroform	6	0.6	NA	X	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	NA	X	NA	NA	NA	NA	NA
p-Isopropyltoluene			NA	X	NA	NA	NA	NA	NA
Isopropyl Ether			NA	X	NA	NA	NA	NA	NA
2-Chlorotoluene			NA	X	NA	NA	NA	NA	NA
4-Chlorotoluene			NA	X	NA	NA	NA	NA	NA
sec-Butylbenzene			NA	0.36	NA	NA	NA	NA	NA
1,1-Dichloroethane	850	85	NA	X	NA	NA	NA	NA	NA
c-1,2-Dichloroethene	70	7	NA	X	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5	NA	X	NA	NA	NA	NA	NA
Trichloroethene			NA	0.32	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	NA	X	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5	NA	X	NA	NA	NA	NA	NA
Detected PAH's									
Anthracene	3,000	600	NA	X	NA	NA	NA	NA	NA
Fluoranthene	400	80	NA	X	NA	NA	NA	NA	NA
Naphthalene	40	8	NA	X	NA	NA	NA	NA	NA
Phenanthrene			NA	X	NA	NA	NA	NA	NA
1-Methyl Naphthalene			NA	X	NA	NA	NA	NA	NA
2-Methyl Naphthalene			NA	X	NA	NA	NA	NA	NA
Pyrene	250	50	NA	0.40	NA	NA	NA	NA	NA
Fluorene	400	80	NA	X	NA	NA	NA	NA	NA
Inorganic Parameters									
Lead (Pb)	15	2	NA	X	NA	NA	NA	NA	NA
Iron	300	150	**8,500**	52	NA	60	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	X	150	NA	372	NA	NA	NA
Sulfate	250,000	125,000	18,000	23,000	NA	17,600	NA	NA	NA
Field Measurements									
Temperature (°F)			59.54	53.91	NA	59.01	NA	NA	NA
Conductivity (us/cm)			631	665	NA	805	NA	NA	NA
Dissolved Oxygen (ug/L)			1.12	2.45	NA	0.9	NA	NA	NA
pH			5.65	6.05	NA	5.56	NA	NA	NA
Redox Potential (mV)			98.5	18.9	NA	68.5	NA	NA	NA

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Italic Exceeds Preventive Action Limit

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TABLE 3i
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			Monitoring Well #9						
PARAMETER (µg/l)	ES	PAL	8/31/98	11/17/98	3/3/99	9/9/99	12/22/99	10/1/03	1/28/04
GRO			NA	NA	NA	NA	NA	NA	NA
DRO			NA	NA	NA	NA	NA	NA	NA
Detected VOC's									
Benzene	5	0.5	*1.4*	X	X	X	<0.15	<0.30	<0.30
Ethylbenzene	700	140	X	X	X	X	<0.5	<0.60	<0.60
Toluene	1,000	200	0.4	X	X	X	<0.3	<0.58	<0.58
Xylenes	10,000	1,000	X	X	X	X	<0.4	<1.84	<1.84
Trimethylbenzenes (total)	480	96	X	X	X	0.874	<0.4	<1.18	<1.18
Methyll-tert-butyl ether	60	12	X	X	X	X	<0.3	<0.58	<0.58
Isopropylbenzene			NA	X	NA	NA	NA	NA	NA
Naphthalene	40	8	NA	X	X	X	NA	NA	NA
n-Propylbenzene			NA	X	NA	NA	NA	NA	NA
n-Butylbenzene			NA	X	NA	NA	NA	NA	NA
Chloroform	6	0.6	NA	X	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	NA	X	NA	NA	NA	NA	NA
p-Isopropyltoluene			NA	X	NA	NA	NA	NA	NA
Isopropyl Ether			NA	X	NA	NA	NA	NA	NA
2-Chlorotoluene			NA	X	NA	NA	NA	NA	NA
4-Chlorotoluene			NA	X	NA	NA	NA	NA	NA
sec-Butylbenzene			NA	X	NA	NA	NA	NA	NA
1,1-Dichloroethane	850	85	NA	X	NA	NA	NA	NA	NA
c-1,2-Dichloroethene	70	7	NA	X	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5	NA	X	NA	NA	NA	NA	NA
Trichloroethene			NA	X	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	NA	X	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5	NA	X	NA	NA	NA	NA	NA
Detected PAH's									
Anthracene	3,000	600	NA	X	NA	NA	NA	NA	NA
Fluoranthene	400	80	NA	X	NA	NA	NA	NA	NA
Naphthalene	40	8	NA	X	NA	NA	NA	NA	NA
Phenanthrene			NA	X	NA	NA	NA	NA	NA
1-Methyl Naphthalene			NA	X	NA	NA	NA	NA	NA
2-Methyl Naphthalene			NA	X	NA	NA	NA	NA	NA
Pyrene	250	50	NA	0.64	NA	NA	NA	NA	NA
Fluorene	400	80	NA	0.038	NA	NA	NA	NA	NA
Inorganic Parameters									
Lead (Pb)	15	2	NA	X	NA	NA	NA	NA	NA
Iron	300	150	32	6.6	NA	55	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	1,700	*2,100*	NA	1,300	NA	NA	NA
Sulfate	250,000	125,000	31,000	33,000	NA	27,300	NA	NA	NA
Field Measurements									
Temperature (°F)			58.44	52.14	NA	60.06	NA	NA	NA
Conductivity (us/cm)			640	573	NA	689	NA	NA	NA
Dissolved Oxygen (ug/L)			1.43	5.81	NA	4.41	NA	NA	NA
pH			5.68	6.09	NA	5.48	NA	NA	NA
Redox Potential (mV)			92.0	40	NA	74.5	NA	NA	NA

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X = Less than Unlisted Detection Limit

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Table 3j
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			Monitoring Well #10						
PARAMETER (µg/l)	ES	PAL	8/31/98	11/17/98	3/3/99	9/9/99	12/22/99	10/1/03	1/28/04
GRO			NA	NA	NA	NA	NA	NA	NA
DRO			NA	NA	NA	NA	NA	NA	NA
Detected VOC's									
Benzene	5	0.5	X	X	X	X	<0.15	<0.30	<0.30
Ethylbenzene	700	140	X	X	X	X	<0.5	<0.60	<0.60
Toluene	1,000	200	0.55	X	X	X	<0.3	<0.58	<0.58
Xylenes	10,000	1,000	X	X	X	X	<0.4	<1.84	<1.84
Trimethylbenzenes (total)	480	96	X	X	X	X	<0.4	<1.18	<1.18
Methyll-tert-butyl ether	60	12	X	X	X	X	<0.3	<0.58	<0.58
Isopropylbenzene			NA	X	NA	NA	NA	NA	NA
Naphthalene	40	8	NA	X	X	X	NA	NA	NA
n-Propylbenzene			NA	X	NA	NA	NA	NA	NA
n-Butylbenzene			NA	X	NA	NA	NA	NA	NA
Chloroform	6	0.6	NA	X	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	NA	X	NA	NA	NA	NA	NA
p-Isopropyltoluene			NA	X	NA	NA	NA	NA	NA
Isopropyl Ether			NA	X	NA	NA	NA	NA	NA
2-Chlorotoluene			NA	X	NA	NA	NA	NA	NA
4-Chlorotoluene			NA	X	NA	NA	NA	NA	NA
sec-Butylbenzene			NA	X	NA	NA	NA	NA	NA
1,1-Dichloroethane	850	85	NA	X	NA	NA	NA	NA	NA
c-1,2-Dichloroethene	70	7	NA	X	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5	NA	X	NA	NA	NA	NA	NA
Trichloroethene			NA	X	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	NA	X	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5	NA	X	NA	NA	NA	NA	NA
Detected PAH's									
Anthracene	3,000	600	NA	X	NA	NA	NA	NA	NA
Fluoranthene	400	80	NA	X	NA	NA	NA	NA	NA
Naphthalene	40	8	NA	X	NA	NA	NA	NA	NA
Phenanthrene			NA	X	NA	NA	NA	NA	NA
1-Methyl Naphthalene			NA	X	NA	NA	NA	NA	NA
2-Methyl Naphthalene			NA	X	NA	NA	NA	NA	NA
Pyrene	250	50	NA	0.20	NA	NA	NA	NA	NA
Fluorene	400	80	NA	X	NA	NA	NA	NA	NA
Inorganic Parameters									
Lead (Pb)	15	2	NA	X	NA	NA	NA	NA	NA
Iron	300	150	39	9.7	NA	35	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	*3,100*	*3,200*	NA	*2,500*	NA	NA	NA
Sulfate	250,000	125,000	12,000	14,000	NA	10,700	NA	NA	NA
Field Measurements									
Temperature (°F)			62.37	51.07	NA	63.28	NA	NA	NA
Conductivity (us/cm)			257	319	NA	317	NA	NA	NA
Dissolved Oxygen (ug/L)			6.39	8.13	NA	4.75	NA	NA	NA
pH			5.26	5.96	NA	5.11	NA	NA	NA
Redox Potential (mV)			108.1	126	NA	92	NA	NA	NA

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TABLE 3k
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			PZ-1										
PARAMETER	**ES**	**PAL**	**5/15/97**	**8/6/97**	**12/9/97**	**4/21/98**	**8/31/98**	**11/17/98**	**3/3/99**	**9/9/99**	**12/22/99**	**10/1/03**	**1/232/04**
GRO			1,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRO			300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected VOC's													
Benzene	5	0.5	*2*	X	0.19	**6**	**5.1**	**5.9**	X	*3.52*	<0.15	0.46	*0.52*
Ethylbenzene	700	140	38	7.0	0.44	13	15	13	X	19.8	<0.5	6.9	3.3
Toluene	1,000	200	140	17	X	3	8.7	4.1	X	3.64	<0.3	1.4	2.7
Xylenes	10,000	1,000	175	44.0	2.5	35	27	22	X	34.64	0.63	9.46	8.5
Trimethylbenzenes (total)	480	96	80	27	4	33	28	20	10	23.4	1.054	6.1	5.2
Methyll-tert-butyl ether	60	12	X	X	X	X	1.6	2.4	X	X	<0.3	0.62	0.82
Isopropylbenzene			4	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	*16*	X	NA	NA	NA	7.2	X	**11.7**	NA	2.0	0.71
n-Propylbenzene			7	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene			X	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	0.6	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl Ether			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	850	85	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
c-1,2-Dichloroethene	70	7	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene			X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5	X	**8.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected PAH's													
Anthracene	3,000	600	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	1	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene			0.7	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methyl Naphthalene			3	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene			7	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	250	50	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	400	80	X	X	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganic Parameters													
Lead (Pb)	15	2	NA	NA	NA	NA	NA	X	NA	NA	NA	NA	NA
Iron	300	150	NA	NA	80	40	56	61	NA	116	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	NA	NA	*4,700*	*3,700*	60	*4,400*	NA	*4,260*	NA	NA	NA
Sulfate	250,000	125,000	NA	NA	19,000	18,000	9,000	16,000	NA	18,800	NA	NA	NA
Field Measurements													
Temperature (°F)			42.53	47.55	48.02	44.74	61.36	53.63	NA	54.45	NA	NA	NA
Conductivity (us/cm)			392	416	420	447	493	475	NA	650	NA	NA	NA
Dissolved Oxygen (ug/L)			1.01	0.56	4.65	1.06	3.06	6.35	NA	1.47	NA	NA	NA
pH			11.3	6.7	6.69	6.71	6.12	6.39	NA	6.24	NA	NA	NA
Redox Potential (mV)			-295.1	-123.7	102.3	18.1	12.6	-7.2	NA	-86.1	NA	NA	NA

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Table 3l
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			MW11			
PARAMETER (µg/l)	ES	PAL	9/9/99	12/22/99	10/1/03	1/28/04
GRO			NA	NA	NA	NA
DRO			NA	NA	NA	NA
Detected VOC's						
Benzene	5	0.5	0.226	*0.706*	<0.30	<0.30
Ethylbenzene	700	140	X	<0.5	<0.60	<0.60
Toluene	1,000	200	X	<0.3	<0.58	<0.58
Xylenes	10,000	1,000	X	<0.4	<1.84	<1.84
Trimethylbenzenes (total)	480	96	X	<0.4	<1.18	<1.18
Methyll-tert-butyl ether	60	12	X	<0.3	<0.58	<0.58
Isopropylbenzene			X	NA	NA	NA
Naphthalene	40	8	X	NA	NA	NA
n-Propylbenzene			X	NA	NA	NA
n-Butylbenzene			X	NA	NA	NA
Chloroform	6	0.6	X	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	X	NA	NA	NA
p-Isopropyltoluene			X	NA	NA	NA
Isopropyl Ether			X	NA	NA	NA
2-Chlorotoluene			X	NA	NA	NA
4-Chlorotoluene			X	NA	NA	NA
sec-Butylbenzene			X	NA	NA	NA
1,1-Dichloroethane	850	85	X	NA	NA	NA
c-1,2-Dichloroethene	70	7	X	NA	NA	NA
Carbon Tetrachloride	5	0.5	X	NA	NA	NA
Trichloroethene			X	NA	NA	NA
Tetrachloroethene	5	0.5	X	NA	NA	NA
Methylene Chloride	5	0.5	X	NA	NA	NA
Detected PAH's						
Anthracene	3,000	600	X	NA	NA	NA
Fluoranthene	400	80	X	NA	NA	NA
Naphthalene	40	8	X	NA	NA	NA
Phenanthrene			X	NA	NA	NA
1-Methyl Naphthalene			X	NA	NA	NA
2-Methyl Naphthalene			X	NA	NA	NA
Pyrene	250	50	X	NA	NA	NA
Fluorene	400	80	X	NA	NA	NA
Inorganic Parameters						
Lead (Pb)	15	2	X	NA	NA	NA
Iron	300	150	218	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	924	NA	NA	NA
Sulfate	250,000	125,000	11,700	NA	NA	NA
Field Measurements						
Temperature (°F)			63.02	NA	NA	NA
Conductivity (us/cm)			226	NA	NA	NA
Dissolved Oxygen (ug/L)			5.55	NA	NA	NA
pH			5.64	NA	NA	NA
Redox Potential (mV)			53.6	NA	NA	NA

ES = Enforcement Standards
X = Not Detected

Bold	Exceeds Enforcement Standard
Italic	Exceeds Preventive Action Limit

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Table 3m
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

			PZ2			
PARAMETER (µg/l)	ES	PAL	9/9/99	12/22/99	10/1/03	1/28/04
GRO			NA	NA	NA	NA
DRO			NA	NA	NA	NA
Detected VOC's						
Benzene	5	0.5	X	<0.15	<0.30	<0.30
Ethylbenzene	700	140	X	<0.5	<0.60	<0.60
Toluene	1,000	200	X	<0.3	<0.58	<0.58
Xylenes	10,000	1,000	X	<0.4	<1.84	<1.84
Trimethylbenzenes (total)	480	96	X	<0.4	<1.18	<1.18
Methyll-tert-butyl ether	60	12	X	<0.3	<0.58	<0.58
Isopropylbenzene			X	NA	NA	NA
Naphthalene	40	8	X	NA	<0.58	NA
n-Propylbenzene			X	NA	NA	NA
n-Butylbenzene			X	NA	NA	NA
Chloroform	6	0.6	X	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	X	NA	NA	NA
p-Isopropyltoluene			X	NA	NA	NA
Isopropyl Ether			X	NA	NA	NA
2-Chlorotoluene			X	NA	NA	NA
4-Chlorotoluene			X	NA	NA	NA
sec-Butylbenzene			X	NA	NA	NA
1,1-Dichloroethane	850	85	X	NA	NA	NA
c-1,2-Dichloroethene	70	7	X	NA	NA	NA
Carbon Tetrachloride	5	0.5	X	NA	NA	NA
Trichloroethene			X	NA	NA	NA
Tetrachloroethene	5	0.5	X	NA	NA	NA
Methylene Chloride	5	0.5	X	NA	NA	NA
Detected PAH's						
Anthracene	3,000	600	X	NA	NA	NA
Fluoranthene	400	80	X	NA	NA	NA
Naphthalene	40	8	X	NA	NA	NA
Phenanthrene			X	NA	NA	NA
1-Methyl Naphthalene			X	NA	NA	NA
2-Methyl Naphthalene			X	NA	NA	NA
Pyrene	250	50	X	NA	NA	NA
Fluorene	400	80	X	NA	NA	NA
Inorganic Parameters						
Lead (Pb)	15	2	X	NA	NA	NA
Iron	300	150	59	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	*5,500*	NA	NA	NA
Sulfate	250,000	125,000	18,800	NA	NA	NA
Field Measurements						
Temperature (°F)			61.31	NA	NA	NA
Conductivity (us/cm)			583	NA	NA	NA
Dissolved Oxygen (ug/L)			5.1	NA	NA	NA
pH			6.14	NA	NA	NA
Redox Potential (mV)			40.7	NA	NA	NA

ES = Enforcement Standards
X = Not Detected

Bold	Exceeds Enforcement Standard
Italic	Exceeds Preventive Action Limit

PAL = Preventative Action Limit
NA = Not Analyzed
< = Less than Listed Detection Limit
X = Less than Unlisted Detection Limit

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Table 3n
GROUNDWATER ANALYTICAL RESULTS
MARATHON OIL COMPANY - BULK FACILITY
MARATHON, WISCONSIN

PARAMETER (µg/l)	ES	PAL	PZ3			
			9/9/99	12/22/99	10/1/03	1/28/04
GRO			NA	NA	NA	NA
DRO			NA	NA	NA	NA
Detected VOC's						
Benzene	5	0.5	0.341	0.311	<0.30	<0.30
Ethylbenzene	700	140	X	<0.5	<0.60	<0.60
Toluene	1,000	200	X	<0.3	<0.58	<0.58
Xylenes	10,000	1,000	0.658	<0.4	<1.84	<1.84
Trimethylbenzenes (total)	480	96	X	<0.4	<1.18	<1.18
Methyll-tert-butyl ether	60	12	X	<0.3	<0.58	<0.58
Isopropylbenzene			1.41	NA	NA	NA
Naphthalene	40	8	0.828	NA	<0.58	NA
n-Propylbenzene			X	NA	NA	NA
n-Butylbenzene			0.444	NA	NA	NA
Chloroform	6	0.6	X	NA	NA	NA
1,2,4-Trichlorobenzene	70	14	X	NA	NA	NA
p-Isopropyltoluene			X	NA	NA	NA
Isopropyl Ether			X	NA	NA	NA
2-Chlorotoluene			X	NA	NA	NA
4-Chlorotoluene			X	NA	NA	NA
sec-Butylbenzene			0.824	NA	NA	NA
1,1-Dichloroethane	850	85	X	NA	NA	NA
c-1,2-Dichloroethene	70	7	X	NA	NA	NA
Carbon Tetrachloride	5	0.5	X	NA	NA	NA
Trichloroethene			X	NA	NA	NA
Tetrachloroethene	5	0.5	X	NA	NA	NA
Methylene Chloride	5	0.5	X	NA	NA	NA
Detected PAH's						
Anthracene	3,000	600	X	NA	NA	NA
Fluoranthene	400	80	X	NA	NA	NA
Naphthalene	40	8	X	NA	NA	NA
Phenanthrene			X	NA	NA	NA
1-Methyl Naphthalene			X	NA	NA	NA
2-Methyl Naphthalene			X	NA	NA	NA
Pyrene	250	50	X	NA	NA	NA
Fluorene	400	80	X	NA	NA	NA
Inorganic Parameters						
Lead (Pb)	15	2	X	NA	NA	NA
Iron	300	150	19	NA	NA	NA
Nitrate+Nitrite-Nitrogen	10,000	2,000	1,240	NA	NA	NA
Sulfate	250,000	125,000	64,600	NA	NA	NA
Field Measurements						
Temperature (°F)			57.05	NA	NA	NA
Conductivity (us/cm)			579	NA	NA	NA
Dissolved Oxygen (ug/L)			1.94	NA	NA	NA
pH			6.46	NA	NA	NA
Redox Potential (mV)			67.5	NA	NA	NA

ES = Enforcement Standards
X = Not Detected

Bold	Exceeds Enforcement Standard
Italic	Exceeds Preventive Action Limit

PAL = Preventative Action Limit
NA = Not Analyzed
< = Less than Listed Detection Limit
X = Less than Unlisted Detection Limit

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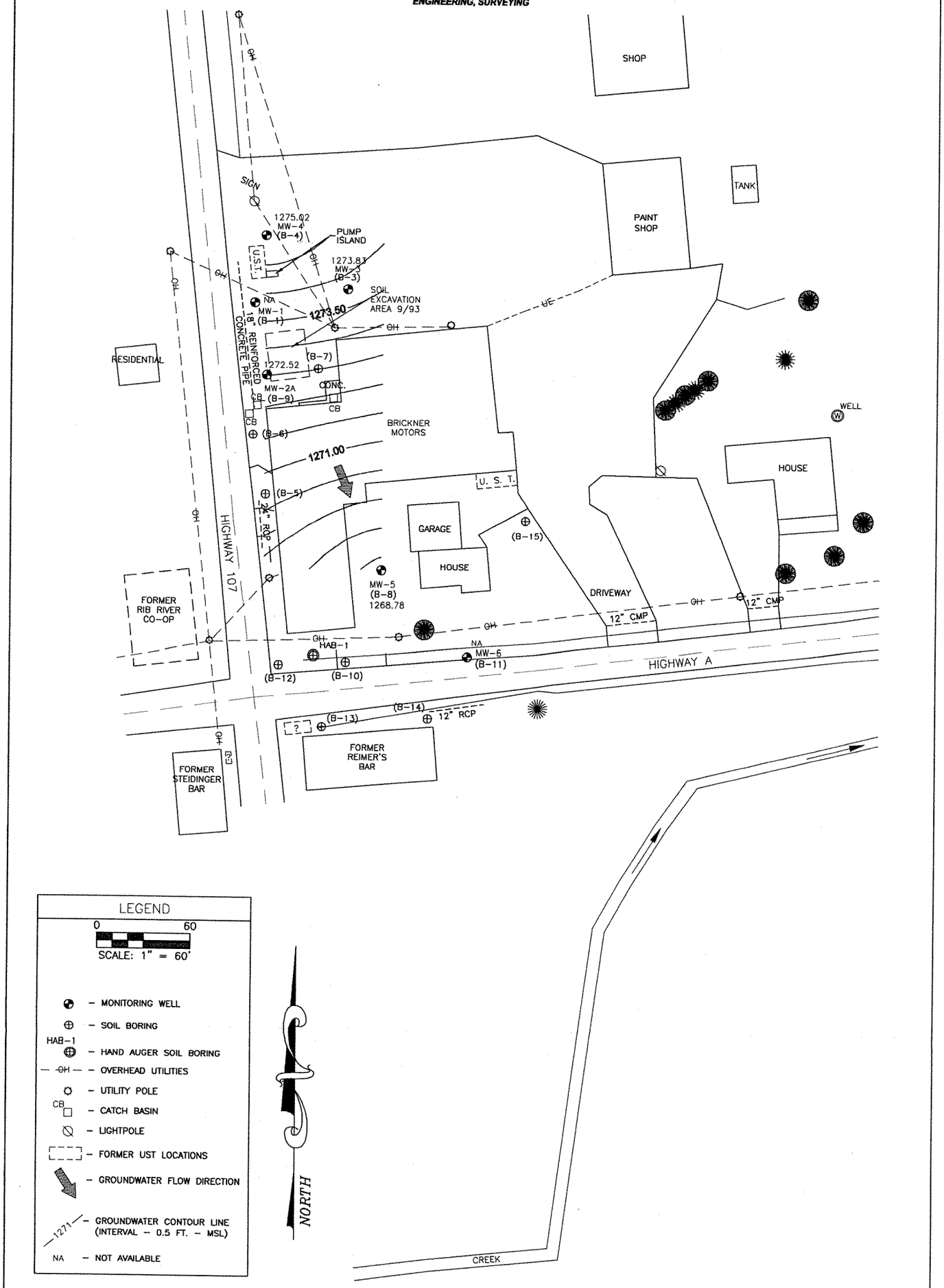
REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



BRICKNER MOTORS HIGHWAY 107 & HIGHWAY A LITTLE CHICAGO, WISCONSIN	FIGURE 5e : GROUNDWATER CONTOUR MAP (07/22/1999)		
	PROJECT No. #0005	PREPARED BY: DDD	DATE: 10/23/01

Table 2
Pre Remediation Soil Analytical Results
Brickner Motors
Marathon, Wisconsin
REI Project #005

Brickner Motors		*Date-->*	4/21/1992	4/21/1992	4/21/1992	4/21/1992	4/21/1992	4/21/1992	4/21/1992	4/21/1992	4/21/1992	4/21/1992	4/21/1992	4/21/1992	4/21/1992
	RCL (ppm)	*Sample-->*	B1(2.5-4.5)	B1(7.5-9.5)	B2(2.5-4.5)	B2(7.5-9.5)	B3(5.0-7.0)	B3(7.5-9.5)	B4(2.5-4.5)	B4(5.0-7.0)	B5(0.0-2.0)	B6(2.5-4.5)	B6(7.5-9.5)	B7(5.0-7.0)	B7(7.5-9.5)
		Depth-->	2.5'-4.5'	7.5'-9.5'	2.5'-4.5'	7.5'-9.5'	5'-7'	7.5'-9.5'	2.5'-4.5'	5'-7'	0'-2'	2.5'-4.5'	7.5'-9.5'	5'-7'	7.5'-9.5'
PVOC															
Benzene	0.0055		<0.0019	<0.0019	**0.0254**	0.0018	<0.0017	<0.002	<0.002	<0.002	<0.0021	<0.0073	<0.0021	<0.0002	**0.305**
Toluene	1.5000		0.0224	0.008	0.565	0.0218	0.0134	0.0134	0.006	0.0089	<0.0021	<0.0073	0.0048	0.0007	0.0465
Ethylbenzene	2.9000		<0.0037	<0.0037	0.168	0.0114	<0.0033	<0.004	<0.004	<0.004	<0.0041	<0.0145	<0.0041	0.0078	0.0863
Xylene	4.1000		<0.0037	<0.0037	0.999	0.0439	<0.0033	<0.004	<0.004	<0.004	<0.0041	<0.0145	<0.0041	0.038	0.267
MTBE			<0.0073	<0.0073	<0.0022	<0.0022	<0.0066	<0.0079	<0.0079	<0.0079	<0.0083	<0.029	<0.0083	<0.0021	<0.029
1,2,4-Trimethylbenzene			<0.0037	<0.0037	0.378	0.0199	0.0036	<0.004	<0.004	<0.004	<0.0041	<0.0145	<0.0041	0.0194	0.194
1,3,5-Trimethylbenzene			<0.0037	<0.0037	0.103	0.0083	0.0035	<0.004	<0.004	<0.004	<0.0041	<0.0145	<0.0041	0.0056	0.0799
PAH															
Acenaphthene			NA	<0.0043	NA	0.287	NA	<0.004	NA	NA	NA	NA	NA	NA	<0.004
Acenaphthylene			NA	<0.017	NA	0.484	NA	<0.016	NA	NA	NA	NA	NA	NA	<0.016
Naphthalene			NA	<0.043	NA	1.590	NA	<0.004	NA	NA	NA	NA	NA	NA	0.0105
TPH Gasoline			<6.30	<6.30	6540.000	213.000	<6.30	<6.30	<6.30	<6.30	<6.30	<6.30	<6.30	242.000	<6.30
TPH Diesel			<6.30	<6.30	<6.30	<6.30	<6.30	<6.30	<6.30	<6.30	<6.30	<6.30	<6.30	240.000	<6.30

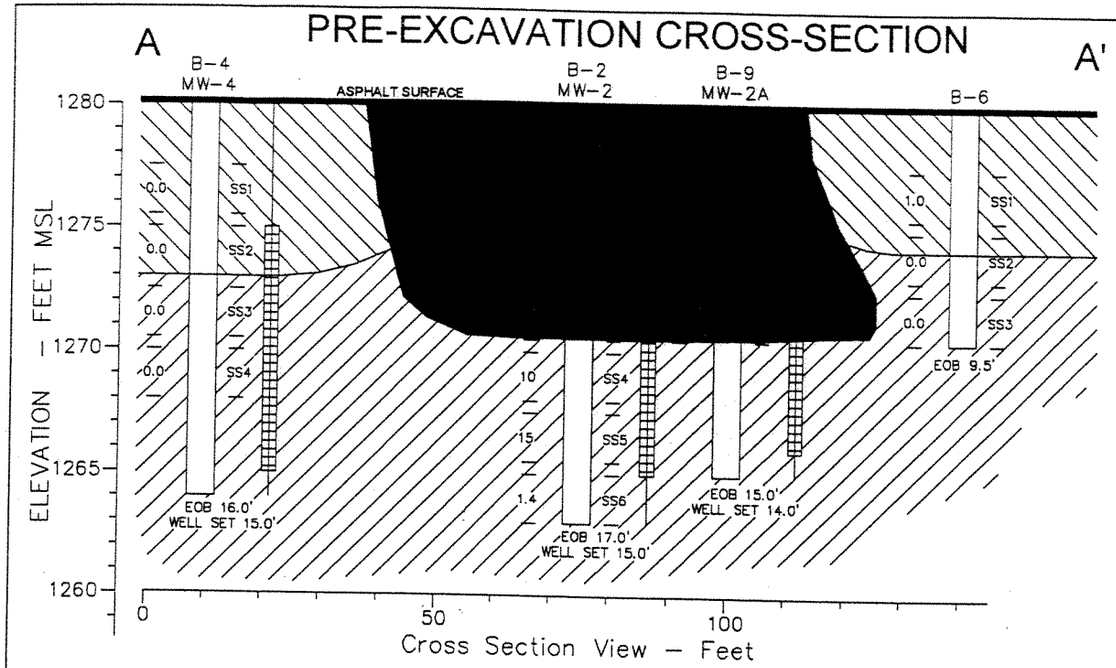
Brickner Motors		*Date-->*	8/19/1994	4/11/1994	4/11/1994	4/11/1994	4/11/1994	4/15/1994	4/15/1994	4/15/1994	4/15/1994	9/1/1995
	RCL (ppm)	*Sample-->*	B8(4.0-6.0)	B9(5.0-7.0)	B10(5.0-7.0)	B11(5.0-7.0)	B12(5.0-7.0)	B13(6.0-7.0)	B13(7.5-9.5)	B14(7.5-9.5)	B15(7.5-9.5)	SB1(2.0-4.0)
		Depth-->	4'-6'	5'-7'	5'-7'	5'-7'	5'-7'	6'-7'	7.5'-9.5'	7.5'-9.5'	7.5'-9.5'	2'-4'
PVOC												
Benzene	0.0055		<0.190	**8.600**	**5.900**	<0.080	**13.400**	**1.300**	0.150	<0.080	<0.070	0.470
Toluene	1.5000		<0.190	**335.000**	**7.700**	<0.310	**5.800**	**2.400**	<0.280	<0.290	<0.280	1.400
Ethylbenzene	2.9000		<0.380	**104.000**	**10.200**	<0.150	**17.300**	**6.700**	0.160	<0.150	<0.140	0.970
Xylene	4.1000		<0.380	**558.000**	**28.500**	<0.150	**36.600**	**29.800**	0.280	<0.150	<0.140	5.400
MTBE			<0.760	<15.0	8.700	3.400	15.600	<0.600	0.330	<0.290	<0.280	<0125
1,2,4-Trimethylbenzene			<0.380	213.000	12.400	<0.150	17.600	27.400	0.240	<0.150	<0.140	0.550
1,3,5-Trimethylbenzene			<0.380	36.000	4.400	<0.150	5.700	6.300	<0.140	<0.150	<0.140	1.200
PAH												
Acenaphthene			<0.0037	0.151	0.006	<0.0037	0.075	NA	NA	NA	NA	NA
Acenaphthylene			<0.015	<0.016	0.437	<0.015	<0.0016	NA	NA	NA	NA	NA
Fluorene			<0.0022	0.0462	<0.0022	<0.0022	<0.0023	NA	NA	NA	NA	NA
Naphthalene			<0.0041	1.050	0.056	<0.0041	0.171	NA	NA	NA	NA	NA
Methyl-1-Naphthalene			<0.015	2.050	<0.016	<0.015	<0.016	NA	NA	NA	NA	NA
Methyl-2-Naphthalene			<0.015	3.570	0.081	<0.015	0.184	NA	NA	NA	NA	NA
DRO	100.0000		<5.0	**301.000**	**113.000**	<5.0	28.100	**557.000**	<5.0	<5.0	<5.0	<10.0
GRO	100.0000		<5.0	**4940.000**	**641.000**	<5.0	**1500.000**	**621.000**	8.780	<5.0	<5.0	260.000

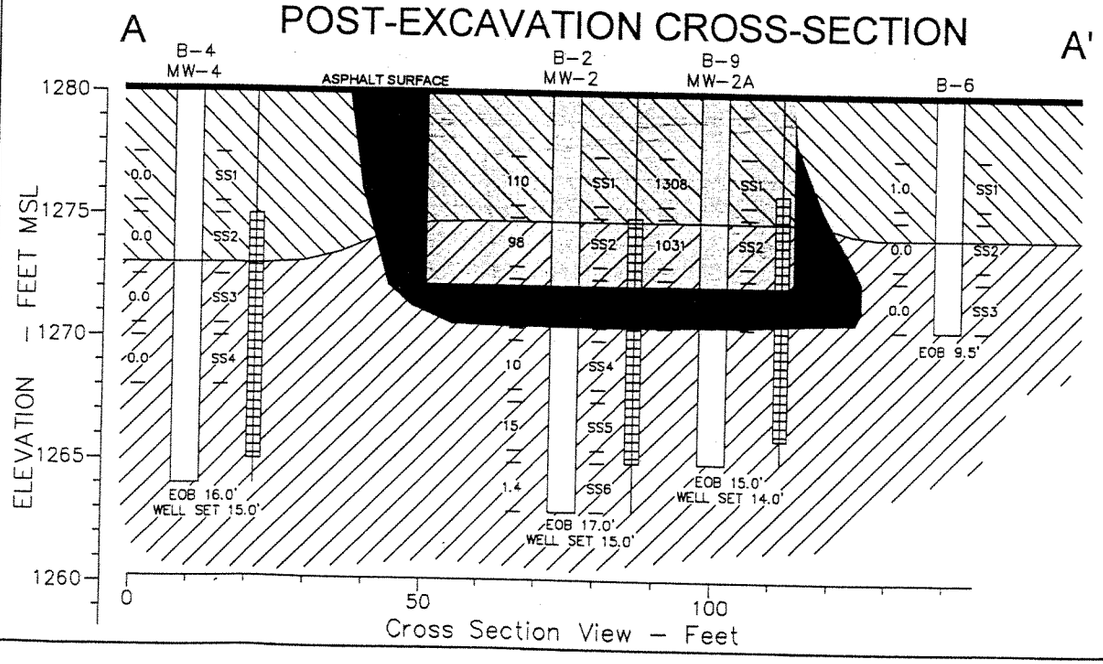
Notes:

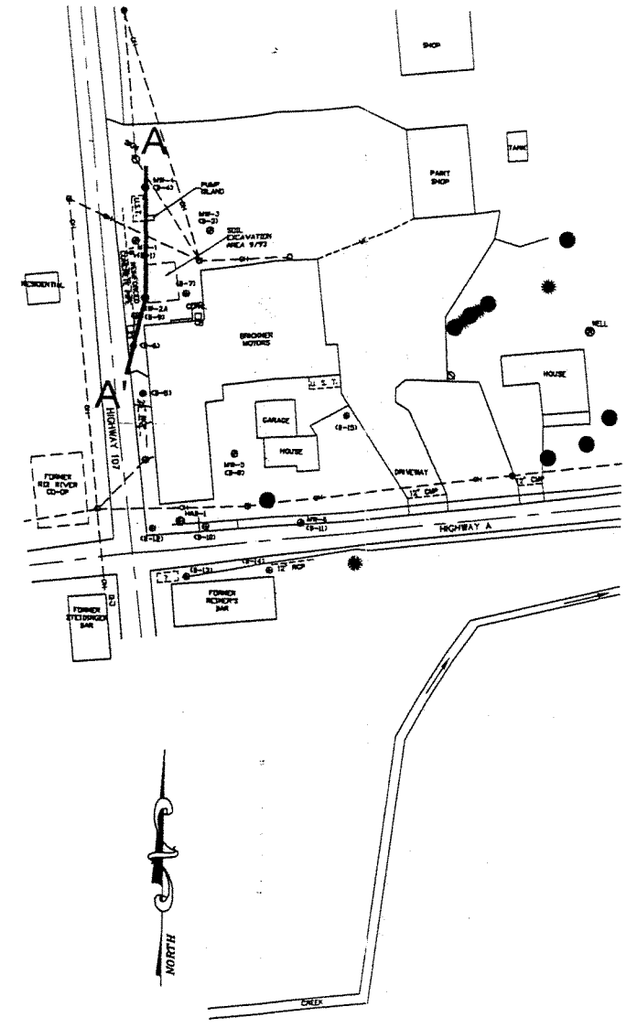
Units are in mg/kg (equivalent to ppm). **Bold** where RCL was exceeded.

RCL - NR 720 Soil Residual Contaminant Level

DL - Detection Limit







BROWN, FINE GRAINED SAND W/GRAVEL

REDDISH BROWN CLAY W/TRACE GRAVEL

APPROXIMATE AREA OF SOIL CONTAMINATION

AREA OF CONTAMINATED SOIL EXCAVATION

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

BRICKNER MOTORS
HIGHWAY 107 & HIGHWAY A
LITTLE CHICAGO, WISCONSIN

FIGURE 3a : PRE & POST EXCAVATION CROSS-SECTIONS A-A'

PROJECT No.	DRAWN BY:	DATE:
#0005	DDD	10/23/01

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Brickner Motors
16450 County Highway A
Marathon, WI 54448

BRRTS #03-37-000650
PECFA #54448-9599-50A

The legal descriptions for the above referenced site provided to the WDNR by REI were obtained from the Marathon County Register of Deeds Office. The copy of the deed along with the associated legal description is believed to be accurate and complete to the best of my knowledge.

Mr Jerome Brickner
Responsible Party
Property Site Owner

9-22-04
Date