GIS REGISTRY INFORMATION

SITE NAME:	Kerr-McGee #7290		
BRRTS #:	03-05-000002	**FID #** (if appropriate):	
COMMERCE # (if appropriate):	54303-1761-36		
CLOSURE DATE:	5/30/03		
STREET ADDRESS:	936 W Mason St		
CITY:	Green Bay		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	676047		**Y =**	450888		
CONTAMINATED MEDIA:	Groundwater		Soil		Both	X	
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**	X		**No**			

DOCUMENTS NEEDED

Closure Letter, and any conditional closure letter issued	X
Copy of most recent deed, including legal description, for all affected properties	X
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	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)	na
RP certified statement that legal descriptions are complete and accurate	x
Copies of off-source notification letters (if applicable)	na
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

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

August 11, 2003

Mr. Chris Biagi
Kerr-McGee Refining Corporation
123 Robert S. Kerr Avenue
Oklahoma City, OK 73102

RE: **Final Closure**

Commerce # 54303-1761-36 WDNR BRRTS # 03-05-000002
Kerr-McGee #7290, 936 W. Mason Street, Green Bay

Dear Mr. Biagi:

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 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. If applicable, the PECFA claim for this site would also be reopened and you may apply for assistance to the extent of remaining eligibility.

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 J. Mottl – STS Consultants, Ltd.
Case File

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
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Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

May 30, 2003

Mr. Chris Biagi
Kerr-McGee Refining Corporation
123 Robert S. Kerr Avenue
Oklahoma City, OK 73102

RE: **Conditional Case Closure**

Commerce # 54303-1761-36 WDNR BRRTS # 03-05-000002
Kerr-McGee #7290, 936 W. Mason Street, Green Bay

Dear Mr. Biagi:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure, prepared by STS Consultants, Ltd., 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-1R, MW-2, MW-2A, MW-3, MW-3RR, MW-5RR, MW-8, MW-8A, MW-10RR, MW-11RR, MW-12, MW-14 and MW-15.

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 J. Mottl - STS Consultants, Ltd.
Case File

File Ref: C:\my documents\bob\543\54303\176136km-121-7290\CONDITIONAL_CLOSURE.doc

DOCUMENT NO.

WARRANTY DEED
STATE OF WISCONSIN—FORM 10

THIS SPACE RESERVED FOR RECORDING DATA

1390765

J 22741 I 13

REGISTER OF DEEDS
BROWN COUNTY

'94 JAN 20 PM 3 42

CATHY WILLIQUETTE
REGISTER OF DEEDS

THIS INDENTURE, Made by C. J. AUTO SPORTS, INC.

a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, grantor, of Brown County, Wisconsin, hereby conveys and warrants to KERR-MCGEE REFINING CORPORATION, A DELAWARE CORPORATION grantee of Oklahoma City, Oklahoma ~~County, Wisconsin~~ for the sum of One Dollar and Other Valuable Consideration

the following tract of land in Brown County, State of Wisconsin:

10.00

RETURN TO Hanaway
Atty. Gary R. Weidner,
345 S. Jefferson Street,
Green Bay, WI 54301

Lot Nine (9), Block Six (6), according to the recorded Plat of J. H. Taylor's Subdivision, in the City of Green Bay, West side of Fox River, Brown County, Wisconsin

Property Address: 936 W. Mason Street, Green Bay, WI

Tax Parcel Number: 2-653

TRANSFER
$ 90.00
FEE

(IF NECESSARY, CONTINUE DESCRIPTION ON REVERSE SIDE)

In Witness Whereof, the said grantor has caused these presents to be signed by FRANCIS OTT its President, and countersigned by CYNTHIA ZEISE its Secretary, at Green Bay, Wisconsin, and its corporate seal to be hereunto affixed this 19th day of January, A. D., 19 94.

SIGNED AND SEALED IN PRESENCE OF

C. J. AUTO SPORTS, INC.
Corporate Name

Francis Ott, President
President

FRANCIS OTT

COUNTERSIGNED:

Secretary

CYNTHIA ZEISE

STATE OF WISCONSIN
BROWN County. } ss.

Personally came before me, this 19th day of January, A. D., 1994 Francis Ott, President, and Cynthia Zeise, Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

GARY R. WEIDNER

THIS INSTRUMENT WAS DRAFTED BY
Atty. Gary R. Weidner
of 345 S. Jefferson Street,
Green Bay, WI 54301

NOTARY SEAL

Notary Public, Brown County, Wis.
My commission ~~expires~~ (is) Permanent

(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. Section 59.51 (2) similarly requires that the name of the person who or so ... drafted such instrument, shall be printed, typewritten, stamped or written thereon ...

WARRANTY DEED — By Corporation

STATE OF WISCONSIN
FORM No. 10

Wisconsin Legal Blank Co., Inc.
Milwaukee, Wis.

BROWN COUNTY REGISTER OF DEEDS

DOCUMENT NO

1262663

STATE BAR OF WISCONSIN FORM 1 — 1982

WARRANTY DEED

J 17418 I 55

THIS SPACE RESERVED FOR RECORDING DATA

REGISTER OF DEEDS
BROWN COUNTY

1991 OCT 23 PM 3:25

CATHY WILLIQUETTE BREUNIG
REGISTER OF DEEDS

This Deed, made between SHIRLEY M. BAYE, a single woman, not remarried, Grantor,

and KERR-McGEE REFINING CORPORATION, a Delaware Corporation, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration of One ($1.00) Dollar & Other Valuable Consideration conveys to Grantee the following described real estate in Brown County, State of Wisconsin:

10⁰⁰

RETURN TO
ATTY. GARY R. WEIDNER
401 Crooks Street,
~~Green Bay, WI 54301~~-4528

Tax Parcel No: 2-652

Lot 8, Block 6, J.H. Tayler's Subdivision, according to the recorded Plat thereof, in the City of Green Bay, West side of Fox River, Brown County, Wisconsin.

Street Address: 609 13th Avenue, Green Bay, WI

Tax Parcel No.: 2-652

TRANSFER
$ 11100
FEE

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

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And Shirley M. Baye warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except easements, restrictions and reservations of record, if any; municipal and zoning ordinances,

and will warrant and defend the same.

Dated this 22 day of October, 19 91

/s/ Shirley M Baye (SEAL)
Shirley M. Baye

(SEAL)

(SEAL)

(SEAL)

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
Atty. Gary R. Weidner,
of Green Bay, WI

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

ACKNOWLEDGMENT

STATE OF WISCONSIN
BROWN County. } ss.

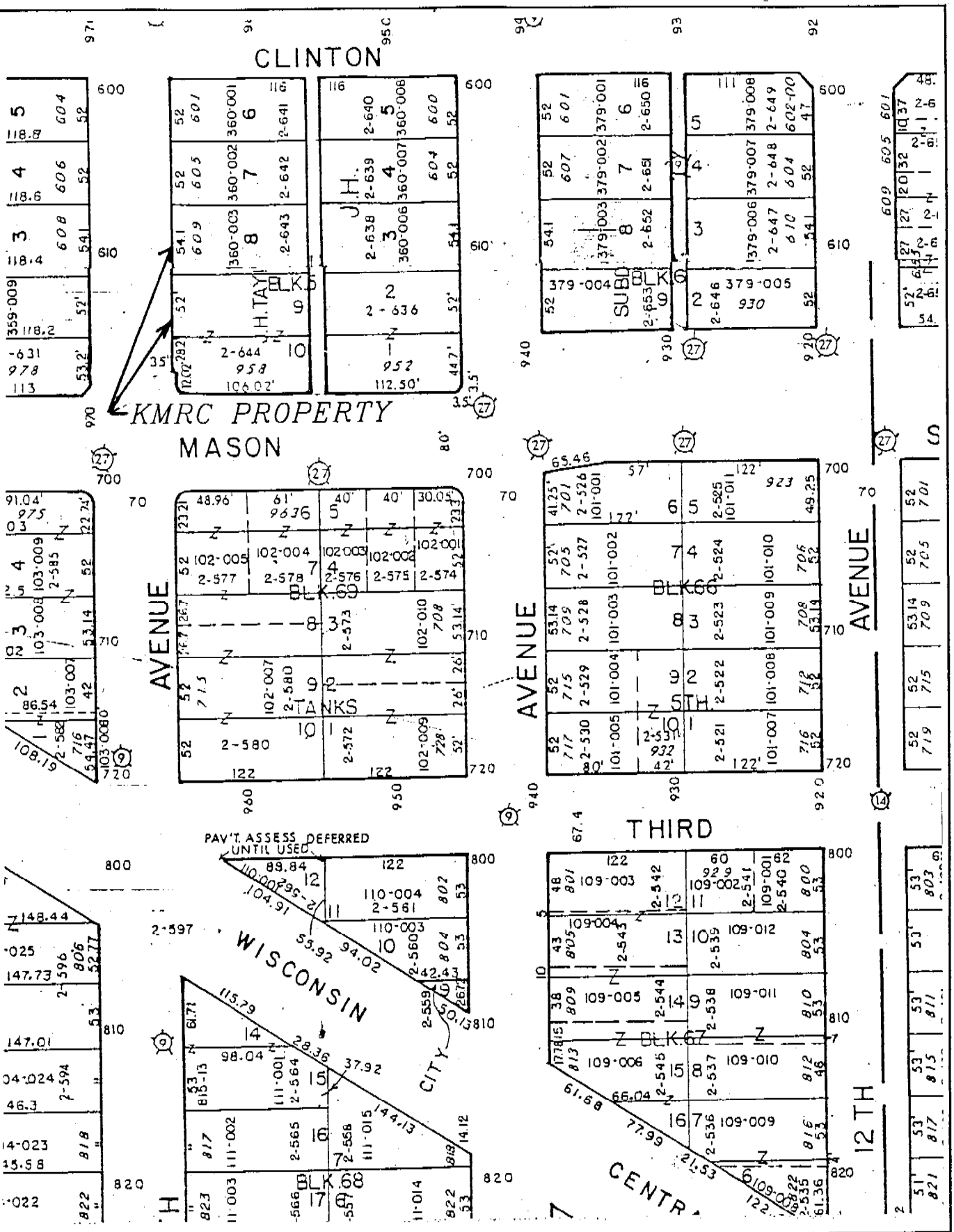
Personally came before me this 22 day of October, 19 91 the above named Shirley M. Baye, a single woman, not remarried

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

/s/ Karen M Allen
Karen M. Allen
Notary Public Brown County, Wis.
My Commission is permanent (If not, state expiration date: 7-19, 1992)

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

Wisconsin Legal Blank Co., Inc. Stevens Point, Wis.



STS Consultants Ltd.
Consulting Engineers
1035 Kepler Dr
Green Bay, WI 54311
920.468.1978

COPY OF CITY OF GREEN BAY PLAT
KERR-McGEE REFINING CORPORATION
FORMER SERVICE STATION KM-121-729
936 W. MASON & 609 13TH AVENUE
GREEN BAY, WISCONSIN

DESIGNED BY	R.J.M.	4-18-03
DRAWN BY	J.R.L.	4-18-03
APPROVED BY	R.A.M.	4-18-03
CADFILE	SCALE	N.T.S.
STS PROJECT NO. 21325WN	FIGURE NO.	

K:\PROJECTS\Dwg2002\21325WN\FIGURE1.dwg, Model, 04/18/2003 10:15:10 AM, Lemmens

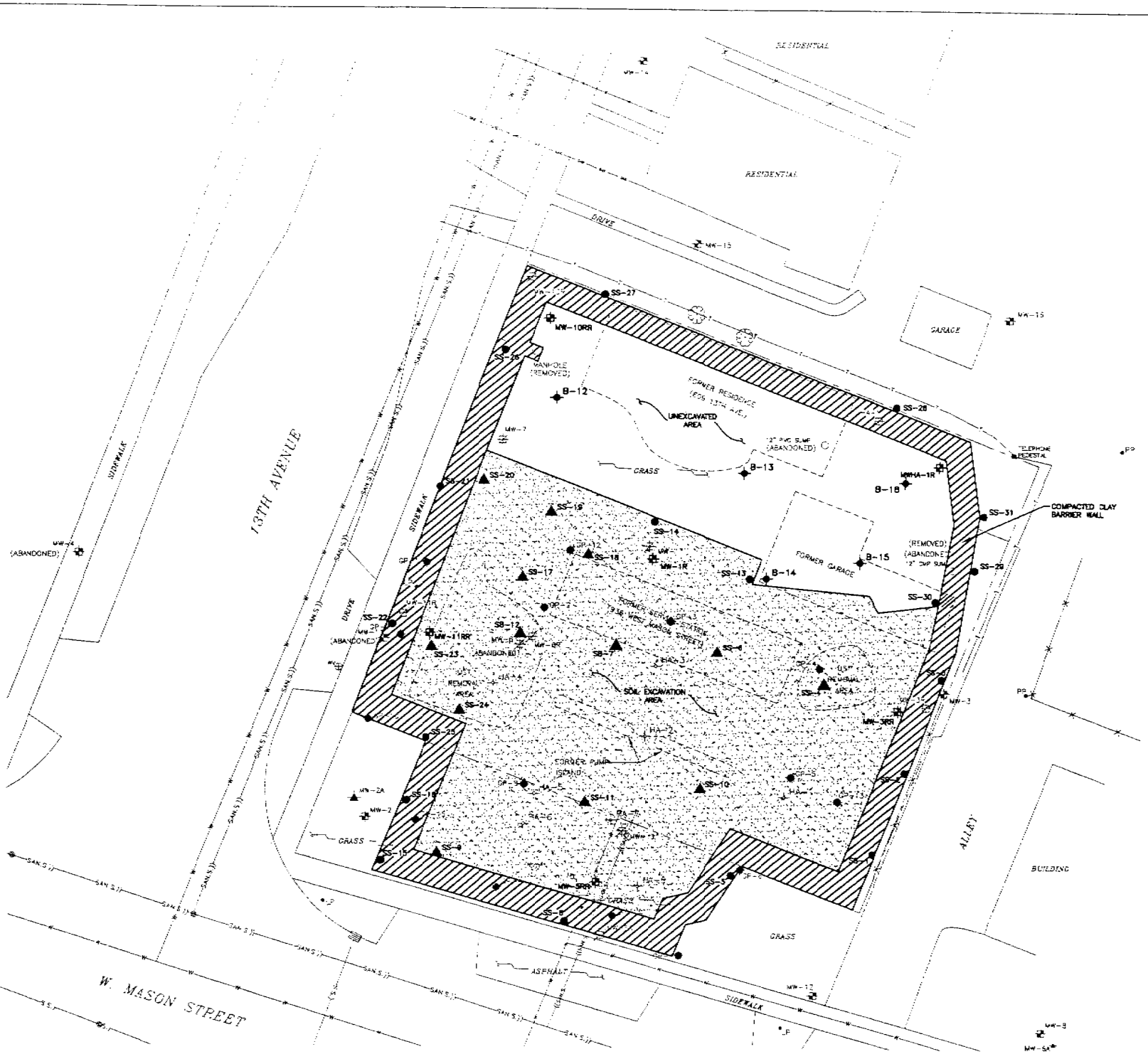
Location – WTM Coordinates 676047, 450888

Source: Brown County Land Information Office 2000 Orthophoto

STS Consultants, Ltd.

Kerr-McGee Refining Corporation
FORMER SERVICE STATION KM-121-729
936 W. MASON & 609 13TH AVENUE
GREEN BAY, WISCONSIN

DRAWN BY: jjk	DATE: 04/10/03
CHECKED BY: rjm	DATE: 04/10/03
APPROVED BY: rjm	DATE: 04/10/03
FILE NO. KM_GB_Site.pdf	SCALE: As Shown
STS PROJECT NO. 21325WN	



NOTES:

UTILITY LOCATIO

T.B.M. "HYD" H
OF CLINTON ST

MW-6 AND MW
RESTORATION A
COULD BE REL

MONITORING WE
MW-10R, MW-
DURING REMEDI

ALL BUILDINGS
REFINING CORP

Table 2
Summary of Field Groundwater Conditions
Kerr-McGee Refining Corporation
609 13th Avenue and 936 West Mason Street
Green Bay, Wisconsin

Location	Date	TPVC Elevation (ft)												
MW-1	7/31/1996	106.15	2.42	103.73	--	--	17.9	--	6.50	--	Clear	Slight	Strong	5 Dry
	9/19/1997		1.43	104.72	1	4.0	17.2	-31.9	6.97	1670	Clear	Slight	None	5 Dry
	7/12/1999	106.19	1.85	104.34	1	2.0	20.7	-3.1	6.46	943	Lt.Brown	Slight	Slight	6Dry
ABD	1/15/2001	106.19	3.54	102.65	1	--	5.1	--	6.73	900	Lt.Brown	Slight	Strong	2.5 Dry
MW-1R	3/26/2002	106.08	3.47	102.61	<1	10+	7.4	--	6.84	2110	Clear	Clear	Strong	8 Dry
Post Rem.	8/1/2002	106.08	3.91	102.17	--	--	--	--	--	--	Clear	Slight	Strong	4 Dry
MW-2	7/31/1996	106.33	4.51	101.82			14.0	--	6.46	1436	Clear	Slight	Strong	3 Dry
	9/19/1997		3.38	102.95	3	0.4	19.0	-39.8	7.09	2060	Clear	Slight	None	3 Dry
	7/12/1999	106.35	3.58	102.77	3	1.5	17.9	-17.1	6.76	1210	Clear	Slight	Slight	3 Dry
	1/15/2001	106.35	6.60	99.75	--	--	7.3	--	6.86	960	Clear	Slight	Slight	1.5 Dry
Post Rem.	3/26/2002	106.35	3.89	102.46	8	0.2	7.3	--	7.18	930	Clear	Clear	None	4 Dry
	8/1/2002	106.35	5.92	100.43	--	--	--	--	--	--	Clear	Clear	None	2 Dry
MW-2A	7/31/1996	106.17	--	--	--	--	13.5	--	6.57	--	Clear	Slight	None	3 Dry
	9/19/1997		26.08	80.09	--	--	--	--	--	--	--	--	--	--
	7/12/1999	106.20	24.94	81.26										
	1/15/2001	106.20	25.04	81.16	--	--	8.9	--	7.52	790	Lt.Brown	Slight	None	3 Dry
Post Rem.	3/26/2002	106.20	26.64	79.56	5	0.5	10.0	--	7.44	1138	Lt. Browr	Slight	Sewer	2 Dry
	8/1/2002	106.20	29.11	77.09	--	--	--	--	--	--	--	--	--	--
MW-3	3/26/2002	--	3.23	--	<1	2.0	8.1	--	7.04	1110	Clear	Clear	Strong	2.5 Dry
Post Rem.	8/1/2002	--	5.31	--	--	--	--	--	--	--	Clear	Clear	Medium	2.5 Dry
MW-3R	9/19/1997 *	107.11	2.83	104.28	<1	0.3	17.4	-11.5	7.21	2780	Clear	Slight	None	4 Dry
	7/13/1999	107.02	3.22	103.80	1	4.0	20.5	-18.3	6.80	1612	Clear	Slight	Slight	5 Dry
ABD	1/15/2001	107.02	5.00	102.02	--	--	6.2	--	7.02	1220	Clear	Clear	Strong	2 Dry
MW-3RR	3/26/2002	106.43	5.60	100.83	5	<0.1	8.0	--	7.18	1364	Clear	Clear	None	2.5 Dry
Post Rem.	8/1/2002	106.43	3.46	102.97	--	--	--	--	--	--	Clear	Clear	None	3 Dry
MW-5R	9/19/1997 *	105.90	6.03	99.87	<1	1.5	18.0	-53.7	7.39	1780	Clear	Slight	Strong	3 Dry
	7/12/1999	105.90	5.98	99.92	<1	4.0	16.3	-22.7	6.87	1475	Lt Brown	Slight	Slight	3 Dry
ABD	1/15/2001	105.90	6.86	99.04	--	--	6.1	--	7.08	920	Lt Brown	Slight	Strong	2.5 Dry
MW-5RR	3/26/2002[1]	106.19	--	--										
Post Rem.	8/1/2002	106.19	6.05	100.14	--	--	--	--	--	--	Clear	Clear	None	3 Dry

Note: [1] There was only a small quantity (<01. gallon) of groundwater in Monitoring Well MW-5RR which was used for lab analysis. Therefore, field parameters were not meausred Sample MR-5RR in March 2002.

Table 2
Summary of Field Groundwater Conditions
Kerr-McGee Refining Corporation
609 13th Avenue and 936 West Mason Street
Green Bay, Wisconsin

Location	Date	TPVC Elevation (ft.)	[illegible] TPVC (ft.)	[illegible] Level (ft.)	[illegible] (ft.)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-7	7/31/1996	105.65	2.50	103.15	--	--	13.2		6.60	1060	Clear	Slight	Slight	10 Dry
	9/19/1997		2.02	103.63	<1.0	10.0	15.6	-30.2	6.87	610	Clear	Slight	None	2 Dry
	7/12/1999	105.65	2.70	102.95	<1.0	1.5	19.6	-1.1	6.43	979	Clear	Slight	Slight	6 Dry
ABD	1/15/2001	105.65	4.15	101.50	--	--	7.7	--	6.69	880	Clear	Clear	Strong	6 Dry
MW-8	7/31/1996	106.66	6.33	100.33	--	--	14.8	--	6.69	--	Clear	Slight	None	5 Dry
	9/19/1997		7.10	99.56	5	0.1	17.0	-54.5	7.39	1700	Clear	Slight	None	2 Dry
	7/12/1999	106.69	7.59	99.10	3	0.3	17.1	-30.6	7.04	1011	Lt Brown	Slight	None	3 Dry
	1/15/2001	106.69	8.60	98.09	--	--	7.5	--	7.19	920	Clear	Clear	None	2 Dry
Post Rem.	3/26/2002	106.69	4.70	101.99	5	0.3	8.0	--	7.24	1082	Lt. Brown	Slight	None	5 Dry
	8/1/2002	106.69	6.70	99.99	--	--	--	--	--	--	--	--	--	--
MW-8A	7/31/1996	106.29	--	--	--	--	13.4	--	7.12	768	Clear	Slight	None	7 Dry
	9/19/1997		39.18	67.11	--	--	--	--	--	--	--	--	--	--
	7/12/1999	106.31	37.73	68.58	--	--	--	--	--	--	--	--	--	--
	1/15/2001	106.31	37.04	69.27	--	--	8.1	--	7.91	680	Clear	Clear	None	4.5 Dry
Post Rem.	3/26/2002	106.31	36.93	69.38	5	0.1	10.0	--	7.83	816	Clear	Slight	None	7 Dry
	8/1/2002	106.31	39.96	66.35	--	--	--	--	--	--	--	--	--	--
MW-10R	9/19/1997 *	105.64	5.37	100.27	<1.0	0.1	19.1	-42.4	7.20	2020	Clear	Slight	Strong	3 Dry
	1/8/1900	105.64	6.90	98.74	<1.0	>10.0	17.7	-10.7	6.63	1254	Clear	Slight	Slight	3.5 Dry
ABD	1/15/2001	105.64	6.03	99.61	--	--	7.4	--	6.72	1180	Lt Brown	Slight	Strong	2.5 Dry
MW-10RR	3/26/2002	105.59	2.08	103.51	3	2.0	7.7	--	6.78	1839	Clear	Clear	Slight	5 Dry
Post Rem.	8/1/2002	105.59	4.85	100.74	--	--	--	--	--	--	Clear	Clear	Medium	3 Dry
MW-11	9/19/1997 *	105.49	1.19	104.30	<1.0	8.0	19.7	-35.8	7.00	450	Clear	Slight	Strong	3 Dry
MW-11R	7/12/1999	105.47	2.14	103.33	<1.0	2.5	19.0	-12.3	6.66	998	Clear	Clear	Slight	4.5 Dry
ABD	1/15/2001	105.47	4.16	101.31	--	--	6.4	--	6.73	1020	Clear	Clear	Strong	2.5 Dry
MW-11RR	3/26/2002	105.76	--	Not Stabilized	1.5	<0.1	8.3	--	7.35	2460	Clear	Clear	Slight	0.2 Dry
Post Rem.	8/1/2002	105.76	4.33	101.43	--	--	--	--	--	--	Clear	Clear	None	3 Dry

Table 2
Summary of Field Groundwater Conditions
Kerr-McGee Refining Corporation
609 13th Avenue and 936 West Mason Street
Green Bay, Wisconsin

Location	Date	TPVC Elevation (ft)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-12	9/19/1997 *	105.87	11.27	94.60	6	0.2	18.2	-61.2	7.56	2870	Clear	Slight	None	1 Dry
	7/12/1999	105.88	4.45	101.43	<1.0	<0.1	18.1	-19.3	6.79	--	Clear	Clear	None	4 Dry
	1/15/2001	105.88	6.16	99.72	2	--	5.2	--	7.03	1260	Clear	Slight	None	2.5 Dry
Post Rem.	4/4/2002	105.88	--	Not Stabilized	--	--	8.5	--	6.94	1666	--	--	--	2.5 Dry
	8/1/2002	105.88	5.92	99.96	--	--	--	--	--	--	--	--	--	--
MW-14	7/12/1999	105.03	5.49	99.54	1	0.1	15.5	-36.8	7.17	799	Clear	Clear	None	3.5 Dry
	1/15/2001	105.03	4.32	100.71	3	--	5.9	--	7.20	560	Clear	Slight	None	2 Dry
Post Rem.	3/26/2002	105.03	3.47	101.56	1.5	0.3	8.9	--	7.12	779	Clear	Clear	Sewer	3.5 Dry
	8/1/2002	105.03	8.74	96.29	--	--	--	--	--	--	--	--	--	--
MW-15	7/12/1999	105.81	3.68	102.13	5	<0.1	17.6	-36.2	7.13	850	Clear	Clear	None	4.5 Dry
	1/15/2001	105.81	3.20	102.61	--	--	7.0	--	7.12	580	Clear	Clear	None	2 Dry
Post Rem.	3/26/2002	105.81	2.28	103.53	8	0.5	8.8	--	7.18	732	Clear	Clear	Sewer	3.5 Dry
	8/1/2002	105.81	6.20	99.61	--	--	--	--	--	--	--	--	--	--
MW-16	7/12/1999	106.53	3.14	103.39	6	<0.1	19.9	-20.0	6.79	1576	Clear	Clear	None	4.5 Dry
	1/15/2001	106.53	5.02	101.51	--	--	6.1	--	6.87	1100	Clear	Clear	None	1.5 Dry
Post Rem.	3/26/2002	106.53	2.84	103.69	2	<0.1	7.9	--	6.87	2180	Clear	Clear	None	3.5 Dry
	8/1/2002	106.53	4.55	101.98	--	--	--	--	--	--	--	--	--	--
HA-1	7/31/1996	106.11	2.98	103.13	--	--	17.7	--	6.54	--	Clear	Slight	None	1 Dry
	9/19/1997		1.74	104.37	5	0.4	17.8	-36.7	7.04	1830	Clear	Slight	Slight	10
	7/12/1999	106.13	2.64	103.49	3	0.1	20.3	-10.9	6.65	930	Clear	Clear	Slight	4.5 Dry
ABD	1/15/2001	106.13	3.35	102.78	--	--	5.0	--	7.17	1100	Clear	Clear	None	1.5 Dry
HA-1R	3/26/2002	105.90	2.82	103.08	1	2.0	8.2	--	7.26	1751	Clear	Clear	None	4 Dry
Post Rem.	8/1/2002	105.90	3.24	102.66	--	--	--	--	--	--	Clear	Clear	None	3 Dry

Notes
D.O. = Dissolved oxygen.
ORP = Oxygen reduction potential.
Monitoring Wells MW-3 and MW-3A were not located during the July 1996 sampling round.
Monitoring Well MW-9 was likely abandoned in July 1996.
Monitoring Wells MW-4 and MW-10 were abandoned in August 1995. Monitoring Wells MW-B1S, MW-B2S, and MW-B3S were abandoned in August 1997.
Monitoring Wells MW-6 and MW-11, 12" PVC Sump & the Corrugated Sump were abandoned during site construction activities in 1997.
ABD = Monitoring Well abandoned during October 2001 remedial excavation
Monitoring Wells MW-1, MW-3R, MW-5R, MW-10R, MW-11R, and HA-1 replaced with MW-1R, MW-3RR, MW-5RR, MW-10RR, MW-11RR, and HA-1R on 11/2/01 follo
* = Groundwater elevations had not stabilized by 9-19-97.
-- = Not recorded.

Table 3
Chemical Analyses of Groundwater Samples Through August 1, 2002
Kerr-McGee Refining Corporation
609 13th Avenue & 936 West Mason Street
Green Bay, Wisconsin

Well ID											
MW-1	5/1/1988	**3.700**	**14.000**	**2.300**	**15.000**	--	--	--	--	--	--
	4/1/1990	**0.480**	0.640	0.120	4.000	--	--	--	**0.760**	--	--
	6/1/1993	**0.390**	0.580	0.520	7.100	--	--	--	--	--	--
	7/1/1996	**0.770**	0.428	0.596	2.250	<0.092	**0.465**	**0.239**	<0.001	--	--
	9/1/1997	**0.560**	0.190	0.340	1.320	0.013	0.190	0.061	--	0.029 "J"	<0.0014
	7/12/1999	**0.649**	0.261	0.653	2.171	<0.0092	0.346	0.075	0.002	**0.143**	--
ABD	1/16/2001	**0.488**	0.237	0.441	1.430	<0.0098	0.253	0.052	--	**0.076**	<0.018
MW-1R Post Rem.	3/26/2002	**1.000**	0.360	**2.000**	**10.000**	<0.0049	**2.200**	**0.670**	--	**0.580**	--
	8/1/2002	**1.200**	<0.063	**2.200**	6.900	<0.0049	**2.200**	**0.660**	--	**0.700**	--
NR 140 ES		0.005	1.000	0.700	10.000	0.060	0.480		0.015	0.040	0.005
NR 140 PAL		0.001	0.200	0.140	1.000	0.012	0.096		0.002	0.008	0.001

MW-2	5/1/1988	**2.500**	0.014	0.006	0.700	--	--	--	--	--	--
	4/1/1990	**0.400**	0.005	0.003	nd	--	--	--	**0.039**	--	--
	7/1/1996	**0.015**	<0.0015	<0.0013	<0.0031	<0.0009	<0.0023	<0.0023	<0.001	--	--
	9/1/1997	**0.012**	<0.0015	<0.00068	<0.00178	0.004	<0.001	<0.00086	--	<0.001	<0.00014
	7/12/1999	**0.009**	<0.0006	0.002	<0.0022	0.008	<0.0017	<0.0009	--	--	--
	1/16/2001	**0.051**	0.002	0.007	<0.0003	0.070	0.001	0.0002	--	0.001	<0.00035
Post Remediation	3/26/2002	<0.00043	<0.00063	<0.00049	<0.0015	0.008	<0.00042	<0.00072	--	<0.0014	--
	8/1/2002	0.006	<0.00063	<0.00049	<0.0015	0.066	0.00044 "J"	<0.00072	--	--	--
MW-2A	7/1/1996	<0.0009	<0.0015	<0.0013	<0.0031	<0.0009	<0.0023	<0.0023	<0.001	--	--
	1/16/2001	<0.00019	0.0002	<0.00013	<0.0003	<0.0002	0.0002	<0.00011	--	<0.000082	<0.00035
Post Remediation	3/26/2002	<0.00043	<0.00063	<0.00049	<0.0015	<0.00049	<0.00042	<0.00072	--	<0.0014	--
NR 140 ES		0.005	1.000	0.700	10.000	0.060	0.480		0.015	0.040	0.005
NR 140 PAL		0.001	0.200	0.140	1.000	0.012	0.096		0.002	0.008	0.001

Notes:

R = Replacement Well

ABD = Monitoring Well Abandoned

"<" - not detected above method detection limit

"J" = Analyte detected between the limit of quantitation and the limit of detection.

0.241 NR140 Enforcement Standard Exceedance

Table 3
Chemical Analyses of Groundwater Samples Through August 1, 2002
Kerr-McGee Refining Corporation
609 13th Avenue & 936 West Mason Street
Green Bay, Wisconsin

Well ID	Date										
MW-3	5/1/1988	**2.200**	**2.400**	0.840	4.100	--	--	--	--	--	--
	4/1/1990	**2.300**	0.260	0.320	0.860	--	--	--	**0.029**	--	--
Post Remediation	3/26/2002	**0.610**	0.200	**1.000**	1.600	<0.010	**0.570**	**0.120**	--	**0.130**	--
	8/1/2002	**0.860**	0.051	**0.800**	0.560	<0.010	**0.490**	**0.560**	--	**0.093**	--
MW-3R	9/1/1997	**0.410**	0.350	0.160	1.220	<0.0021	**0.820**	**0.130**	0.0009 "j"	**0.210**	0.003
	7/12/1999	**0.520**	0.132	**1.490**	0.873	**<0.122**	**0.516**	**0.056**	0.001	**0.235**	**<0.048**
ABD	1/16/2001	**0.338**	0.093	0.348	0.644	<0.0002	0.382	0.046	--	**0.120**	0.002
MW-3RR Post Rem	3/26/2002	<0.00043	<0.00063	<0.00049	<0.00145	<0.00049	<0.00042	<0.00072	--	<0.0014	<0.00054
	8/1/2002	**0.021**	<0.00063	0.0086	0.0086	<0.00049	0.0046	0.0027	--	--	--
NR 140 ES		0.005	1.000	0.700	10.000	0.060	0.480		0.015	0.040	0.005
NR 140 PAL		0.001	0.200	0.140	1.000	0.012	0.096		0.002	0.008	0.001

MW-5R	9/1/1997	**3.300**	**1.400**	0.220	1.770	0.059	0.190	0.140	0.003	**0.047 "j"**	**0.0065 "j"**
	7/12/1999	**3.620**	0.944	**0.880**	2.133	**<0.122**	**0.528**	**0.129**	0.002	**0.157**	**<0.058**
ABD	1/16/2001	**3.570**	0.565	**0.359**	0.351	**0.017**	0.179	0.013	--	**0.129**	**<0.018**
MW-5RR Post Rem.	3/26/2002	<0.00043	<0.00063	<0.00049	<0.0015	0.001	<0.00042	<0.00072	--	<0.0014	--
	8/1/2002	**0.016**	<0.00063	<0.00049	<0.0015	0.00092	0.00058"j"	<0.00072	--	<0.0014	--
NR 140 ES		0.005	1.000	0.700	10.000	0.060	0.480		0.015	0.040	0.005
NR 140 PAL		0.001	0.200	0.140	1.000	0.012	0.096		0.002	0.008	0.001

Notes:
R = Replacement Well
ABD = Monitoring Well Abandoned
"<" - not detected above method detection limit
"j" = Analyte detected between the limit of quantitation and the limit of detection.
0.241 NR140 Enforcement Standard Exceedance

Table 3
Chemical Analyses of Groundwater Samples Through August 1, 2002
Kerr-McGee Refining Corporation
609 13th Avenue & 936 West Mason Street
Green Bay, Wisconsin

Well ID	Date										
MW-8	7/1/1996	<0.0009	<0.0015	<0.0013	<0.0031	<0.0009	<0.0023	<0.0023	<0.001	--	--
	9/1/1997	<0.0021	<0.0015	<0.00068	<0.00178	<0.00021	<0.001	<0.00086	--	<0.001	<0.00014
	1/16/2001	<0.00019	<0.00011	<0.00013	<0.0003	<0.0002	<0.00012	<0.00011	--	<0.000082	<0.00035
	3/26/2002	<0.00043	<0.00063	<0.00049	<0.0015	<0.00049	<0.00042	<0.00072	--	<0.0014	--
MW-8A	7/1/1996	<0.0009	<0.0015	<0.0013	<0.0031	<0.0009	<0.0023	<0.0023	<0.001	--	--
	1/16/2001	<0.00019	0.0004	<0.00013	0.0003	<0.0002	<0.00012	<0.00011	--	<0.000082	<0.00035
	3/26/2002	<0.00043	<0.00063	<0.00049	<0.0015	<0.00049	<0.00042	<0.00072	--	<0.0014	--
NR 140 ES		0.005	1.000	0.700	10.000	0.060	0.480		0.015	0.040	0.005
NR 140 PAL		0.001	0.200	0.140	1.000	0.012	0.096		0.002	0.008	0.001

MW-10R	9/1/1997	**5.300**	**9.000**	**1.000**	**12.900**	<0.00021	**1.700**	**0.570**	0.012 "j"	**0.120**	**<0.014**
	7/12/1999	**3.410**	0.627	**1.010**	4.065	**<0.306**	**1.020**	**0.338**	0.013	**0.164**	**<0.120**
ABD	1/16/2001	**2.640**	**1.810**	0.599	5.510	<0.0098	**0.928**	**0.278**	--	**0.112**	**<0.018**
MW-10RR Post Rem.	3/26/2002	**0.070**	0.00079	0.039	0.057	<0.00049	0.037	0.020	--	0.0044	--
	8/1/2002	**0.490**	0.002	0.280	0.160	<0.00049	0.063	0.040	--	0.078	--
NR 140 ES		0.005	1.000	0.700	10.000	0.060	0.480		0.015	0.040	0.005
NR 140 PAL		0.001	0.200	0.140	1.000	0.012	0.096		0.002	0.008	0.001

MW-11 ABD	9/1/1997	**3.000**	**6.400**	**2.300**	**14.600**	<0.011	**2.500**	**0.690**	0.007	**0.630**	**0.0075 "j"**
MW-11R	7/12/1999	**5.970**	**13.100**	**0.888**	**12.060**	**<0.366**	**1.800**	**0.509**	**0.020**	**0.659**	**<0.175**
ABD	1/16/2001	**4.930**	**5.430**	**1.110**	4.960	<0.0098	**0.735**	**0.189**	--	**0.168**	**<0.018**
MW-11RR Post Rem.	3/26/2002	**0.023**	<0.00063	<0.00049	<0.0015	0.0058	0.00067	<0.00072	--	<0.0014	--
	8/1/2002	**0.100**	<0.00063	<0.00049	<0.0015	0.010	<0.00042	<0.00072	--	<0.0014	--
NR 140 ES		0.005	1.000	0.700	10.000	0.060	0.480		0.015	0.040	0.005
NR 140 PAL		0.001	0.200	0.140	1.000	0.012	0.096		0.002	0.008	0.001

Notes: R = Replacement Well ABD = Monitoring Well Abandoned

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0.241 NR140 Enforcement Standard Exceedance

Table 3
Chemical Analyses of Groundwater Samples Through August 1, 2002
Kerr-McGee Refining Corporation
609 13th Avenue & 936 West Mason Street
Green Bay, Wisconsin

Well ID	Date										
MW-12	9/1/1997	<0.00021	<0.0015	<0.00068	<0.00178	<0.00021	<0.001	<0.00086	--	<0.001	0.002
	7/12/1999	<0.00042	<0.00037	<0.00018	<0.00055	<0.0012	<0.00051	<0.00036	--	--	0.002
	1/16/2001	<0.0019	<0.00011	<0.00013	<0.0003	<0.0002	<0.00012	<0.00011	--	<0.000082	<0.00035
Post Rem.	4/4/2002	<0.00043	<0.00063	<0.00049	<0.0015	<0.00049	<0.00042	<0.00072	--	<0.0014	--
NR 140 ES		0.005	1.000	0.700	10.000	0.060	0.480		0.015	0.040	0.005
NR 140 PAL		0.001	0.200	0.140	1.000	0.012	0.096		0.002	0.008	0.001

MW-14	7/12/1999	<0.00042	0.001	<0.00018	<0.00055	<0.0012	<0.00051	<0.00036	0.002	<0.00052	<0.00048
	1/16/2001	<0.00019	<0.00011	<0.00013	<0.0003	<0.0002	<0.00012	<0.00011	--	<0.000082	<0.00035
Post Rem.	3/26/2002	<0.00043	<0.00063	<0.00049	<0.0015	<0.00049	<0.00042	<0.00072	--	<0.0014	--
NR 140 ES		0.005	1.000	0.700	10.000	0.060	0.480		0.015	0.040	0.005
NR 140 PAL		0.001	0.200	0.140	1.000	0.012	0.096		0.002	0.008	0.001

MW-15	7/12/1999	<0.00042	0.000	<0.00018	<0.00055	<0.0012	<0.00051	<0.00036	0.002	<0.00052	<0.00048
	1/16/2001	<0.00019	<0.00011	<0.00013	<0.0003	<0.0002	<0.00012	<0.00011	--	<0.000082	<0.00035
Post Rem.	3/26/2002	<0.00043	<0.00063	<0.00049	<0.0015	<0.00049	<0.00042	<0.00072	--	<0.0014	--
NR 140 ES		0.005	1.000	0.700	10.000	0.060	0.480		0.015	0.040	0.005
NR 140 PAL		0.001	0.200	0.140	1.000	0.012	0.096		0.002	0.008	0.001

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0.241 NR140 Enforcement Standard Exceedance

Table 3
Chemical Analyses of Groundwater Samples Through August 1, 2002
Kerr-McGee Refining Corporation
609 13th Avenue & 936 West Mason Street
Green Bay, Wisconsin

Well ID	Date	Benzene	Ethylbenzene	Toluene	Xylenes	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Fluorene	Phenanthrene
MW-16	7/12/1999	<0.00019	<0.00011	<0.00019	<0.00057	<0.00073	<0.00046	<0.00035	0.002	<0.000082	<0.00035
	1/16/2001	0.001	<0.00011	<0.00013	<0.0003	<0.0002	<0.00012	<0.00011	--	<0.000082	<0.00035
Post Rem.	3/26/2002	<0.00043	<0.00063	<0.00049	<0.0015	<0.00049	<0.00042	<0.00072	--	<0.0014	--
NR 140 ES		0.005	1.000	0.700	10.000	0.060	0.480		0.015	0.040	0.005
NR 140 PAL		0.001	0.200	0.140	1.000	0.012	0.096		0.002	0.008	0.001
HA-1	5/1/1988	**0.160**	0.018	0.019	0.190	--	--	--	--	--	--
	4/1/1990	**0.200**	0.054	0.003	0.083	--	--	--	0.008	--	--
	6/1/1993	0.002	<0.001	<0.001	<0.003	--	--	--	--	--	--
	7/1/1996	<0.0009	<0.0015	<0.0013	<0.0031	<0.0009	<0.0023	<0.0023	<0.001	--	--
	9/1/1997	**0.073**	<0.0015	0.001	<0.00178	<0.00021	<0.001	<0.00086	--	<0.001	<0.00014
	7/12/1999	**0.101**	0.028	0.019	0.031	<0.00092	0.004"j"	<0.0009	--	--	--
	1/16/2001	**0.074**	0.005	0.017	0.007	<0.0002	0.003	0.003	--	<0.000082	<0.00035
MW-HA-1R Post Rem.	3/26/2002	**0.330**	0.0071	0.028	0.067	<0.00049	0.017	0.0088	--	0.0015	--
	8/1/2002	**0.280**	0.0038"j"	0.040	0.017"j"	<0.00025	0.0073	0.0075"j"	--	--	--
NR 140 ES		0.005	1.000	0.700	10.000	0.060	0.480		0.015	0.040	0.005
NR 140 PAL		0.001	0.200	0.140	1.000	0.012	0.096		0.002	0.008	0.001

Notes:

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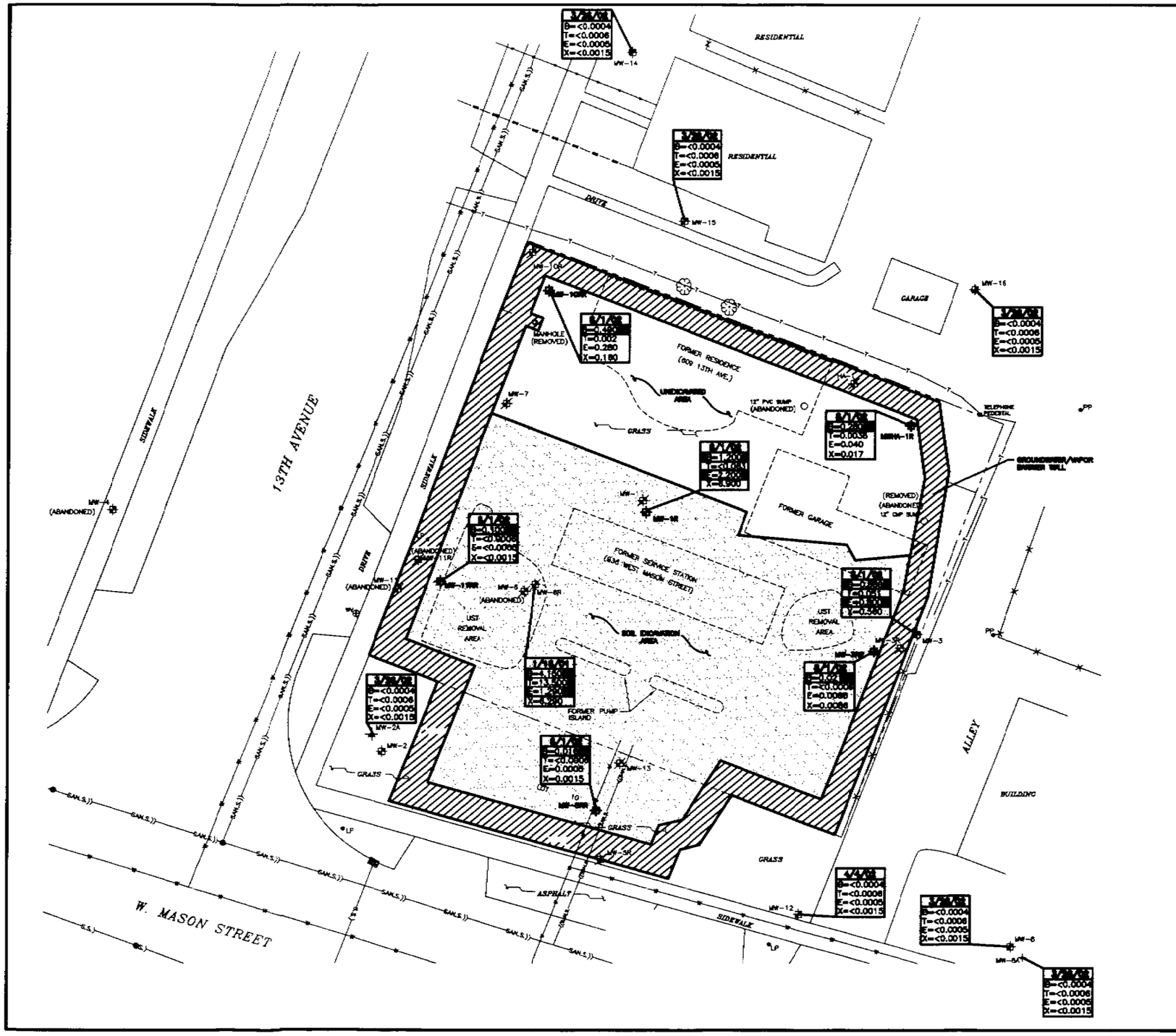
0.241 NR140 Enforcement Standard Exceedance

TABLE 1
POST REMEDIATION SOIL FIELD OBSERVATIONS
KERR McGEE REFINING CORPORATION
FORMER SERVICE STATION KM-121-729
936 W. MASON 809 13TH AVENUE
GREEN BAY, WISCONSIN

Sample No.	Date	Depth (feet)	Description	PID	Comments
SS-1	10/9/01	2 - 4 8 - 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	10.9 127	East Excavation Sidewall
SS-2	10/9/01	10	Brown Silty Clay	3.5	East Excavation Sidewall
SS-3	10/9/01	4 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	10.5 87	East Excavation Sidewall
SS-4	10/9/01	12	Brown Silty Clay	5	Excavation Bottom (Beneath Former USTs)
SS-5	10/10/01	3 - 4 8 - 9	Fill: Brown Silty Sand and Clay Brown Silty Clay	45 650	Southeast Excavation Corner 16" Capped, Precast Pipe. Petroleum odor
SS-6	10/10/01	12	Brown Silty Clay	7.5	Excavation Bottom (Beneath Former Station)
SS-7	10/10/01	12	Brown Silty Clay	23	Excavation Bottom (Beneath Former Station)
SS-8	10/10/01	3 - 4 8 - 9	Fill: Brown Silty Sand and Clay Brown Silty Clay	45 650	Southeast Excavation Corner 16" Capped, Precast Pipe
SS-9	10/10/01	3 - 4 8 - 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	450 650	Soil Removed Soil Removed
SS-10	10/10/01	10 - 11	Brown Silty Clay	4.5	Excavation Bottom (Area of Former Pump Island)
SS-11	10/10/01	10 - 11	Brown Silty Clay	5.7	Excavation Bottom
SS-12	10/10/01	10 - 11	Brown Silty Clay	9.7	Excavation Bottom
SS-13	10/10/01	3 - 4 8 - 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	45 530	North Edge of Main Excavation
SS-14	10/10/01	3 - 4 8 - 9	Fill: Brown Silty Sand and Clay Brown Silty Clay	15 170	North Edge of Main Excavation
SS-15	10/11/01	4 - 5 9 - 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	450 310	Southwest Corner of Excavation
SS-16	10/11/01	4 - 5 8 - 9	Fill: Brown Silty Sand and Clay Brown Silty Clay	45 23	Southwest Sidewall of Excavation
SS-17	10/11/01	10 - 11	Brown Silty Clay	3	Excavation Bottom
SS-18	10/11/01	4 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	411 270	Strong Odor. (Soil Removed) Excavation Bottom
SS-19	10/11/01	4 9 - 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	750 5	North Edge of Main Excavation (Soil Removed) Drain tile removed from area from SS-14, SS-19, to SS-20.
SS-20	10/11/01	4 8 - 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	450 7.5	Northwest Corner of Main Excavation (Soil Removed) Removed 14" culvert sump which was connected to drain tile.
SS-21	10/11/01	4 8 - 9	Fill: Brown Silty Sand and Clay Brown Silty Clay	2.5 350	West Corner of Main Excavation
SS-22	10/12/01	4 9 - 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	680 620	West Sidewall of Excavation
SS-23	10/12/01	10	Brown Silty Clay	3.5	Excavation Bottom
SS-24	10/12/01	12	Brown Silty Clay	1.4	Excavation Bottom
SS-25	10/12/01	4 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	3.2 47	Southwest Sidewall of Excavation
SS-26	10/15/01	4 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	10 30	West Sidewall of Cut-Off Wall
SS-27	10/15/01	4 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	10 650	North Sidewall of Cut-Off Wall
SS-28	10/15/01	4 8 - 9 10	Fill: Brown Silty Sand and Clay Brown Silty Clay Brown Silty Clay	10 350 60	North Sidewall of Cut-Off Wall
SS-29	10/15/01	4 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	10 650	East Sidewall of Cut-Off Wall Drain tile trending northeast off of site.
SS-30	10/15/01	4 10	Fill: Brown Silty Sand and Clay Brown Silty Clay	5 68	North Edge of Main Excavation
SS-31	10/15/01	4 7 - 8	Fill: Brown Silty Sand and Clay Brown Silty Clay	5 1.2	East Sidewall of Cut-Off Wall



SCALE IN FEET

10' 0 10'

LEGEND

- PROPERTY LINE
- GAS LINE
- TELEPHONE LINE
- FENCE
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- WATER VALVE
- LIGHT POLE
- POWER POLE
- FIRE HYDRANT
- CATCH BASIN
- MANHOLE
- SUMP
- MW-1 MONITORING WELL
- MW-8A PIEZOMETER
- MW-3RR MONITORING WELL (FALL 2001)
- MW-3R ABANDONED MONITORING WELL

DATE
B=BENZENE
T=TOLUENE
E=ETHYLBENZENE
X=XYLENE
EXPRESSED IN mg/l

NR 140 ES STANDARD EXCEEDANCE

NR 140 ES STANDARD

BENZENE – 0.005
TOLUENE – 1.000
ETHYLBENZENE – 0.700
TOTAL XYLENES – 10.000

NOTES:

UTILITY LOCATIONS AND GRADES ARE APPROXIMATE.

T.B.M. "HYD" HYDRANT ON HYDRANT NORTHEAST CORNER OF CLINTON STREET AND 13th AVENUE. ELEV.= 107.74'.

MW-6 AND MW-11 WERE DAMAGED DURING SITE RESTORATION ACTIVITIES IN DECEMBER 1997 AND COULD BE RELOCATED.

MONITORING WELLS MW-1, MW-5R, MW-6R, MW-7, MW-10R, MW-11R, MW-13, AND HA-1 WERE ABANDONED DURING REMEDIATION IN OCTOBER 2001.

BENZENE WAS NOT DETECTED IN PERIMETER MONITORING WELLS MW-8, MW-8A, MW-14, MW-15, AND MW-11 IN MARCH 2002.

ALL BUILDINGS HAVE BEEN REMOVED FROM KERR McGEE REFINING CORPORATION SITE AND SITE IS NOW GRASS COVERED.

KERR-McGEE REFINING CORPORATION
FORMER SERVICE STATION KM-121-729
936 W. MASON & 609 13TH AVENUE
GREEN BAY, WISCONSIN
DISSOLVED BTEX CONCENTRATIONS

DRAWN BY JRL DATE 4-10-03
DESIGNED BY RJM DATE 4-10-03
APPROVED BY MJC DATE 4-10-03
CADFILE

STS Consultants Ltd.
Consulting Engineers

STS PROJECT NUMBER 21325WN

STS PROJECT FILE

SCALE SEE SCALE BAR

SHEET NUMBER 3

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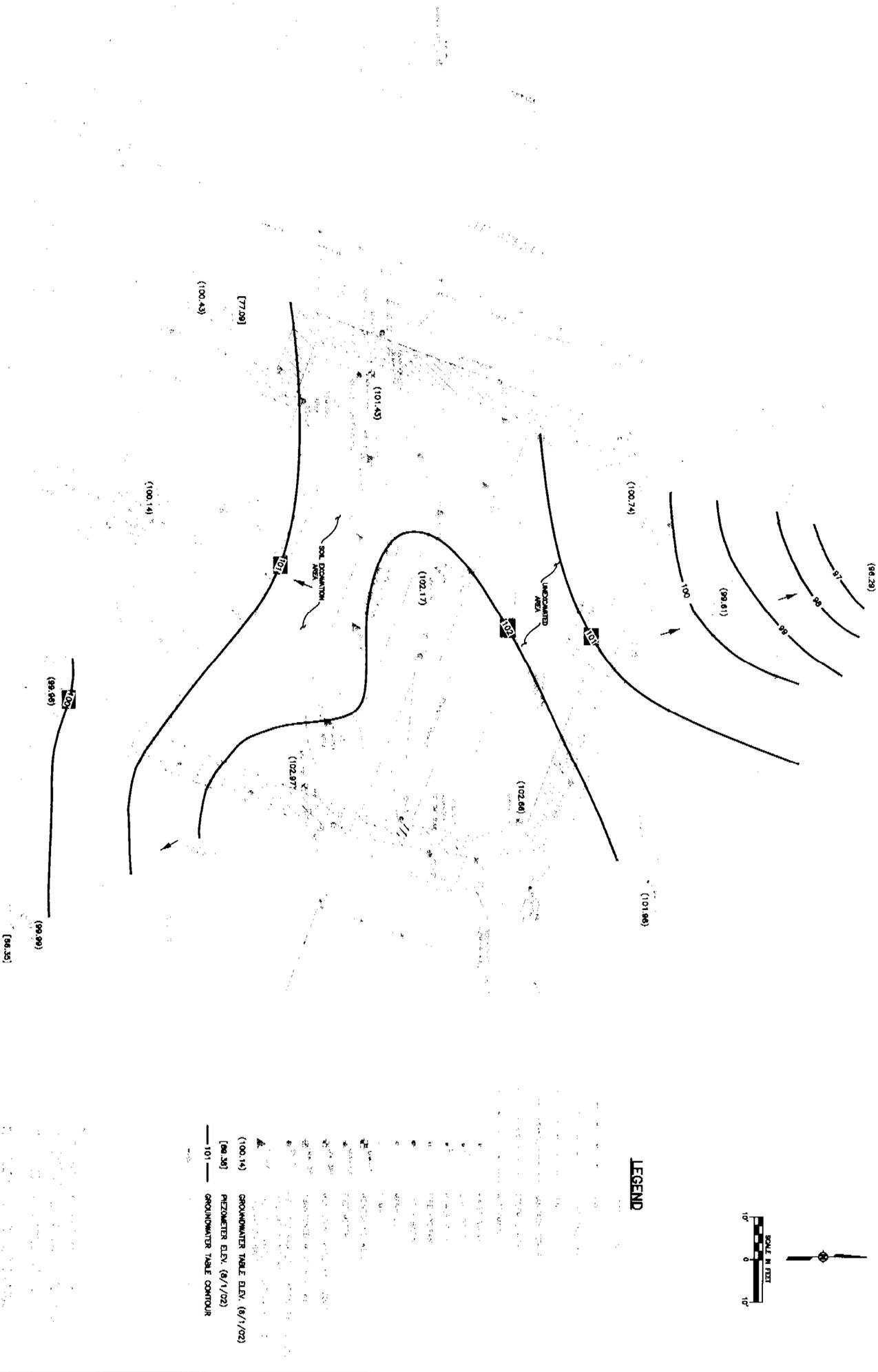


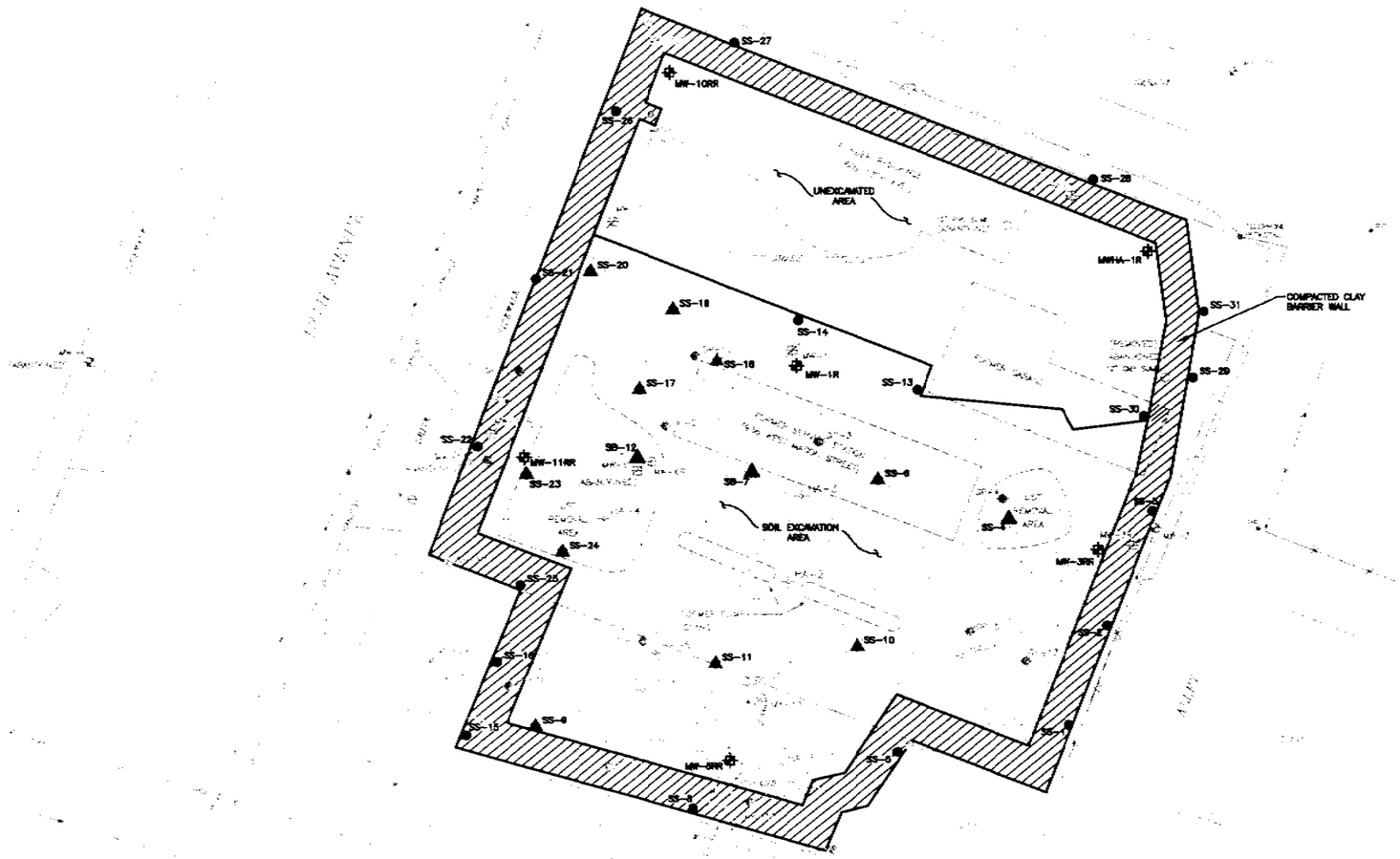
KERR-McGEE REFINING CORPORATION
FORMER SERVICE STATION KM-121-729
936 W. MASON & 609 13TH AVENUE
GREEN BAY, WISCONSIN
GROUNDWATER CONTOUR MAP (08/01/02)

STS Consultants Ltd.
Consulting Engineers

STS PROJECT NUMBER	21325WN
STS PROJECT FILE	
SCALE	SEE SCALE BAR
SHEET NUMBER	2

DRAWN BY	JLC	DATE 11-21-02
CHECKED BY	RJM	DATE 11-21-02
APPROVED BY	MJC	DATE 11-21-02
CADFILE	X:\PROJECTS\2002\21325\WN\G425WN007.dwg	

REVISION NO.	DESCRIPTION	DATE	BY



SCALE IN FEET

10' 0 10'

LEGEND

- PROPERTY LINE
- GAS LINE
- TELEPHONE LINE
- FENCE
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- WATER VALVE
- LIGHT POLE
- POWER POLE
- FIRE HYDRANT
- CATCH BASIN
- MANHOLE
- SUMP
- MONITORING WELL
- PIEZOMETER
- MW-3RR — MONITORING WELL (FALL 2001)
- ABANDONED MONITORING WELL
- SS-1 — FIELD PID SAMPLE LOCATION (FALL 2001) (EXCAVATION SIDEWALL)
- SS-4 — FIELD PID SAMPLE LOCATION (FALL 2001) (EXCAVATION BASE)
- GP-1 — SOIL BORING (JANUARY 2001)

NOTES:

UTILITY LOCATIONS AND GRADES ARE APPROXIMATE.

T.B.M. "HYD" HYDRANT ON HYDRANT NORTHEAST CORNER OF CLINTON STREET AND 13th AVENUE. ELEV.= 107.74'.

MW-6 AND MW-11 WERE DAMAGED DURING SITE RESTORATION ACTIVITIES IN DECEMBER 1997 AND COULD BE RELOCATED.

MONITORING WELLS MW-1, MW-5R, MW-6R, MW-7, MW-10R, MW-11R, MW-13, AND HA-1 WERE ABANDONED DURING REMEDIATION IN OCTOBER 2001.

ALL BUILDINGS HAVE BEEN REMOVED FROM KERR-McGEE REFINING CORPORATION SITE AND SITE IS NOW GRASS COVERED

DRAWN BY	DATE	REVISION NO.	DESCRIPTION	DATE	BY
JLC	11-21-02				
CHECKED BY	DATE				
RJM	11-21-02				
APPROVED BY	DATE				
MJC	11-21-02				
CADFILE					
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KERR-McGEE REFINING CORPORATION
FORMER SERVICE STATION KM-121-729
936 W. MASON & 609 13TH AVENUE
GREEN BAY, WISCONSIN

EXTENT OF REMEDIAL EXCAVATION (FALL 2001)

STS Consultants Ltd.
Consulting Engineers

STS PROJECT NUMBER
21325WN

STS PROJECT FILE

SCALE
SEE SCALE BAR

SHEET NUMBER
1

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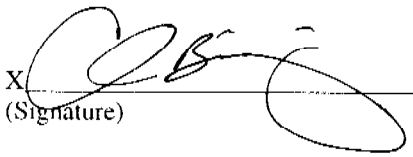
STATEMENT OF PROPERTY LEGAL DESCRIPTION

As required by s.NR726.05(3) of the Wisconsin Administrative Code, I am providing this signed statement that to the best of my knowledge the legal descriptions that are attached to this statement are complete and accurate for the Kerr-McGee Refining Corporation property located at 936 West Mason Street & 13th Avenue in Green Bay, Wisconsin.

X 
(Signature)

Date 4/24/03

CHRIS BIAGI
(Name)

STAFF ENVIRONMENTAL SPECIALIST
(Title)

KERR-MCGEE REFINING CORP.
(Company)

STS CONSULTANTS

STS Consultants, Ltd.
1035 Kepler Drive
Green Bay, Wisconsin 54311-8320

voice 920-468-1978
fax 920-468-3312
web www.stsconsultants.com

April 18, 2003

Mr. Ray Kurth, Principal Engineer
City of Green Bay
100 North Jefferson Street
Green Bay, Wisconsin 54301

Re: Notification of Potential for Residual Petroleum Impacts to Remain on City of Green Bay Right-of-Way Adjoining the Kerr-McGee Refining Corporation, Former Service Station KM-121-7290, 936 West Mason Street and 609 13th Avenue, Green Bay, Wisconsin -- WDNR BRRTS No. 03-05-00002 -- PECFA ID No. 54303-1761-36 -- STS Project No. 21325WN

Dear Mr. Kurth:

On behalf of Kerr-McGee Refining Corporation (KMRC), STS Consultants, Ltd. (STS) is submitting this notification for the Former Service Station KM-121-7290 at 936 West Mason Street and 609 13th Avenue, Green Bay, Wisconsin. This notification is being submitted in accordance with requirements in Wisconsin Administrative Code, Chapter NR 726. This letter will be included in a closure report dated April 2003 to the Wisconsin Department of Commerce.

With this letter, KMRC is notifying the City of Green Bay (City) there is a potential for petroleum-impacted groundwater to exist on the City right-of-way adjacent to 936 West Mason Street and 609 13th Avenue, primarily in the vicinity of Monitoring Wells MW-5RR and MW-11RR indicated on the attached figure.

If you have any questions or comments, please contact Mr. Bob Mottl (STS) at (920) 406-3147 or Mr. Chris Biagi (KMRC) at (405) 270-2688. A copy of this letter will be provided with the case closure request.

Sincerely,

STS CONSULTANTS, LTD.

Robert J. Mottl, P.G.
Project Geologist

Michael J. Carney, P.G.
Associate Geologist

RJM/tjs

Attachment:
Figure - Boring and Monitoring Well Map

Copy: Mr. Chris Biagi
Kerr-McGee Refining Corporation
123 Robert S. Kerr Avenue (73102)
P.O. Box 25861
Oklahoma City, Oklahoma 73125