

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region
Sturtevant Service Center
9531 Rayne Road, Suite IV
Sturtevant, Wisconsin 53177
Telephone 262-884-2300
FAX 262-884-2307
TDD 262-884-2304

October 30, 2002

Mr. Jeffrey Johnson
ExxonMobil Corporation
Joliet Refinery Administration Building - Room 260
Interstate-55 and Arsenal Road
Channahon, IL 60410

SUBJECT: Final Case Closure with GIS Registry for Mobil Service Station 05-KT5, 3818
Durand Ave, Racine, WI FID 252125830, BRRTS 03-52-000202

Dear Mr. Johnson:

On December 15, 1999, your site as described above was reviewed for closure by the Department of Natural Resources. The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On December 15, 1999, you were notified that conditional closure was granted to this case.

On September 19, 2002, the Department received correspondence indicating that you have complied with the conditions of closure. The GIS Registry packet was submitted with the appropriate fee in place of the groundwater use restriction. Based on the correspondence and data provided, it appears that your site has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

State Statute 101.143 requires that owners seeking reimbursement of interest costs from the PECFA Program submit a final reimbursement claim within 120 days after they receive a closure letter on their site. If you are eligible for the PECFA Program, and anticipate filing a PECFA reimbursement claim that includes interest costs, you must file a final reimbursement claim to the Department of Commerce within 120 days from receipt of this letter. If you fail to file a claim within that 120-day period, subsequent interest costs will not be eligible for reimbursement by PECFA.

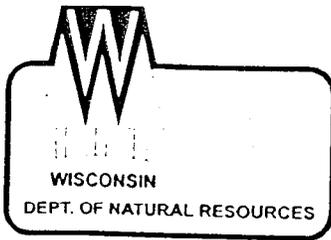
Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 262-884-2341.

Sincerely,

Shanna L Laube, P.G.
Hydrogeologist

Cc: Craig Workman, Handex of Wisconsin, 16940 West Victor Road, New Berlin, WI 53151



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region
Sturtevant Service Center
9531 Rayne Road
Sturtevant, Wisconsin 53177
Telephone 414-884-2300
FAX 414-884-2307
TDD 414-884-2304

December 15, 1999

Mr. Michael Holland
Mobile Oil Corporation
Joliet Refinery
PO Box 874
Joliet, IL 60434

Subject: Case closure review, Mobile Oil Station 05-KT5, 3818 Durand Avenue, Racine, WI.
(FID#252125830, BRRTS# 03-52-000202).

Dear Mr. Holland:

I have reviewed your case file based on the documents submitted by Handex. The Department has determined that it will not require additional site investigation or remediation for this site at this time. However, the case will not be officially entered as closed on the Department's tracking system until a groundwater use restriction is recorded for all properties where there are groundwater enforcement standard exceedances (or until the closure criteria of s. NR 726.05 Wis. Admin. Code have been amended).

Case closure under s. NR 726.05 Wis. Adm. Code requires the recording of a groundwater use restriction for all properties where groundwater contamination exceeds ch. NR 140 enforcement standards (ES), including street and highway rights-of-way. NR 140 ESs are exceeded at MW's 1, 2, and 7. MW-1 and MW-7 are located on the border of the right-of-way (ROW) of Durand Avenue. Because MW-1 and MW-7 are on the border and the direction of groundwater flow is towards the ROW, we can infer that the groundwater ES exceedances are also under the ROW.

However, you should know that the Department is in the process of proposing changes to s. NR 726.05, Wis. Adm. Code, to allow case closure when contamination is present within a public street or highway right-of-way as long as the investigation has confirmed that the groundwater contaminant plume is stable or receding, that natural attenuation will restore the groundwater to NR 140 standards within a reasonable period of time, and that the contamination has not migrated across the right-of-way to another property. The Code change, which is anticipated sometime in 2000, will probably require written notification to the municipality or the state agency that owns or maintains the street or highway that contamination exists, but will not require the recording of a groundwater use restriction for groundwater contamination beneath public streets or highways.

If you choose not to wait for the proposed changes to s. NR 726.05, Wis. Adm. Code, to become effective, then case closure cannot occur until the current closure requirements are met. Existing closure requirements include the following:

1. A groundwater use restriction (GWUR) must be recorded for the property or properties that have ch. NR 140 enforcement standard exceedances as a result of migration of contamination from the responsible party property, per s. NR 726.05(2)(b)4 Wis. Admin. Code, and a copy of the recorded restriction must be sent to this office. A GWUR will be necessary for the Mobile Station and the ROW of Durand Avenue. A draft deed document is enclosed to assist you.

*Quality Natural Resources Management
Through Excellent Customer Service*



2. Submit a site map of locations where the residual soil contamination remains on all properties.
3. Submit a letter, to the city of Racine, notifying them of the residual soil and groundwater contamination under Durand Avenue. Please include a map of where the soil contamination remains on all properties. Submit a copy of this letter to the WDNR.
4. Abandonment of groundwater monitoring wells must be completed in accordance with ch. NR 141. Copies of abandonment documentation must be submitted to the Department.

You may choose to wait until revisions to NR 726.05(2) become effective before requesting case closure again, or you may submit a draft groundwater use restriction for the Durand Avenue ROW to the Department for review to start the process of complying with the existing NR 726.05(2) requirements, in order to achieve case closure more quickly.

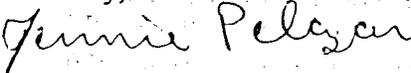
This case may be reopened pursuant to s. NR726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare of the environment.

In addition, Handex has estimated that approximately 10 cubic yards of contaminated soil remains on site. Please note that if any of the remaining contaminated soil is ever excavated, the soil must be properly handled according to all applicable laws in effect at that time.

Within sixty days from the date of this letter, all of the monitoring wells (MW's 1, 2, 3, 4, 5, 6, 7, and 10) located on and off site must be abandoned in accordance with NR 141.

Thank you for the steps you are taking to restore the environment at this site. If you have any questions regarding this letter, please contact me at (262) 884-2341.

Sincerely,



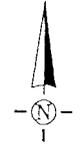
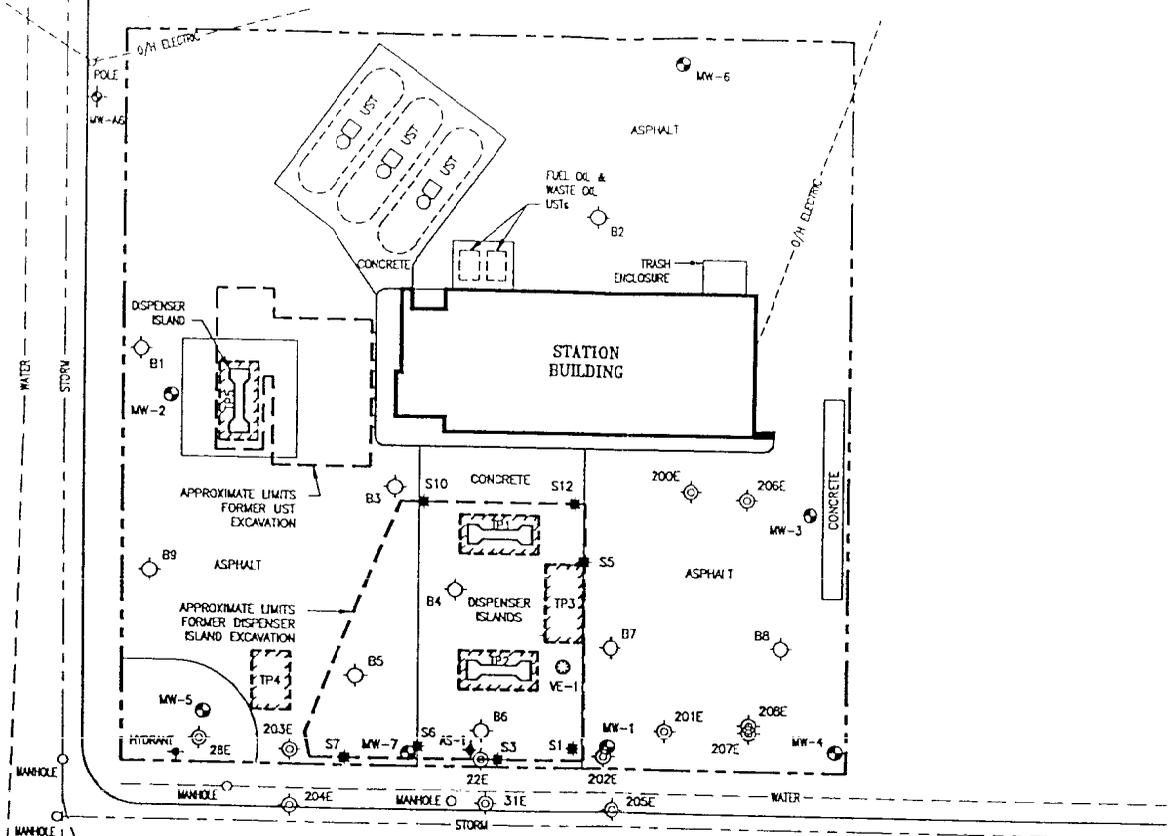
Jennie Pelczar

Hydrogeologist – Remediation & Redevelopment Program

C: Mr. Scott Friemark - Handex
SER – file

enclosure

NO.	REVISIONS	DATE	BY	CHKD



LEGEND	
	PROPERTY BOUNDARY
	APPROXIMATE LIMITS OF EXCAVATION
	TEST PIT LOCATION
	MONITORING WELL LOCATION
	MONITORING WELL LOCATION (PHILLIPS 66 SITE)
	VAPOR EXTRACTION POINT LOCATION
	AIR SPARGING POINT LOCATION
	SOIL BORING LOCATION
	GEOPROBE BORING LOCATION
	SOIL SAMPLE LOCATION

DURAND AVENUE (STATE HIGHWAY 11)

FORMER PHILLIPS 66 SERVICE STATION

MW-2R

MW-A7

MW-A3

Handex
OF WISCONSIN
16940 VICTOR ROAD
NEW BERLIN, WI 53151
(608) 641-3011

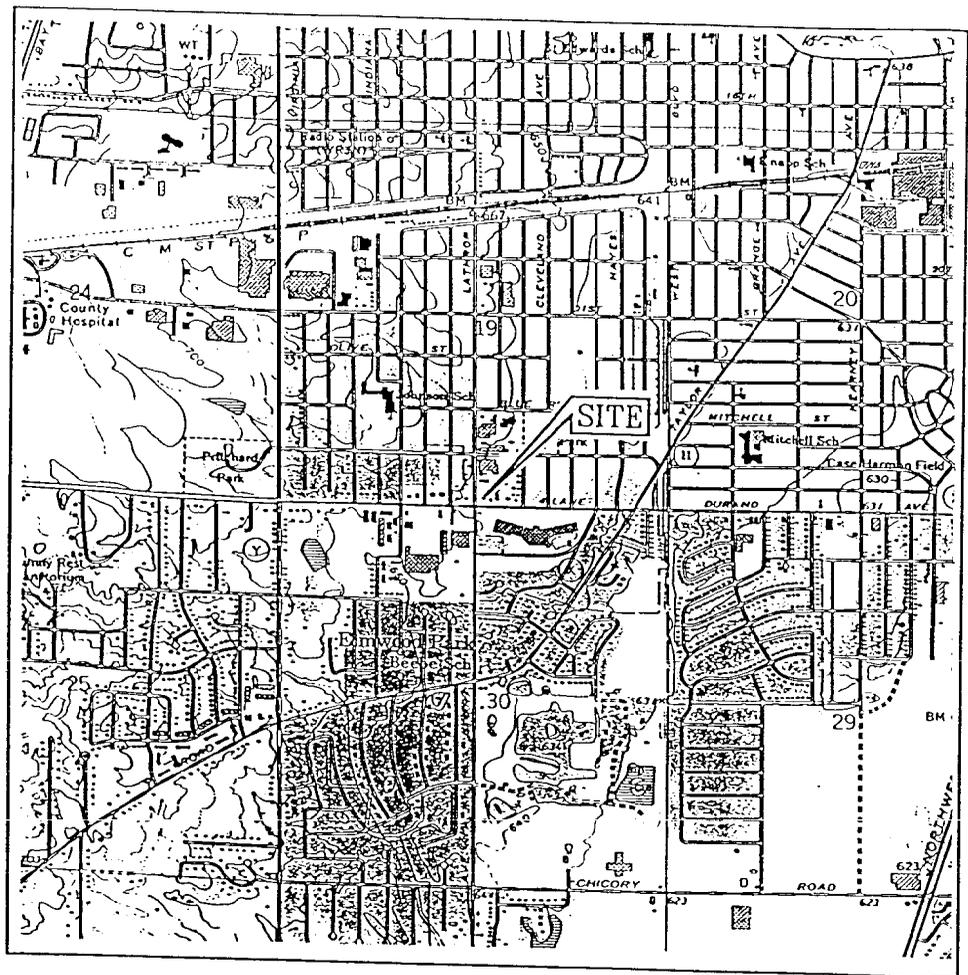
MOBIL OIL CORPORATION
Marketing & Refining Division - U.S.
Marketing Operations Department
Environmental Engineering Group
Fairfax, Virginia 22037

SITE MAP
(POST REMEDIAL ACTION)
MOBIL SERVICE STATION # 05-KT5
3818 DURAND AVENUE
RACINE, RACINE COUNTY, WISCONSIN

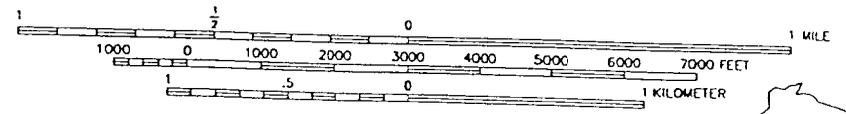
DRAWN BY:	M. SMITH
CHECKED BY:	-
SCALE:	1" = 30'
DATE:	7/1/99
DRAWING FILE:	116885

FIGURE
2

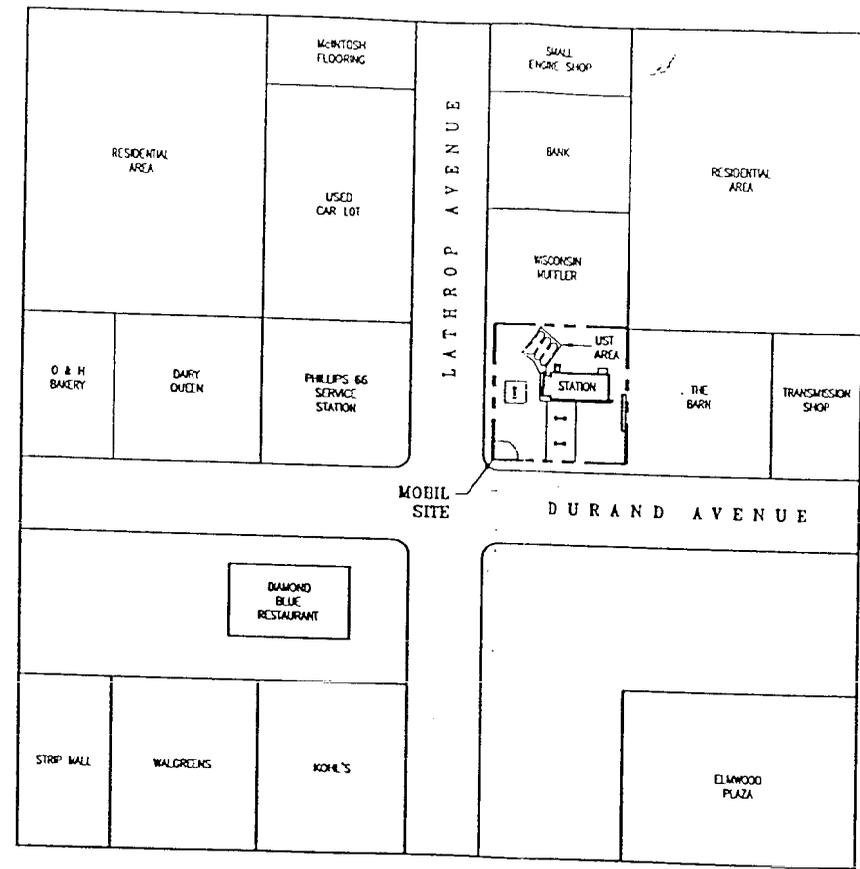
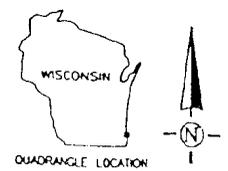
NO.	REVISIONS	DATE	BY	CHKD



SCALE 1:24000



RACINE SOUTH QUADRANGLE
 RACINE COUNTY, WISCONSIN
 7.5 MINUTE SERIES (TOPOGRAPHIC)



SCHEMATIC OF SURROUNDING AREA
 NOT TO SCALE

16940 VICTOR ROAD
 NEW BEREN, WI 53151
 (414) 641-9011

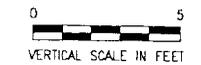
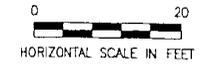
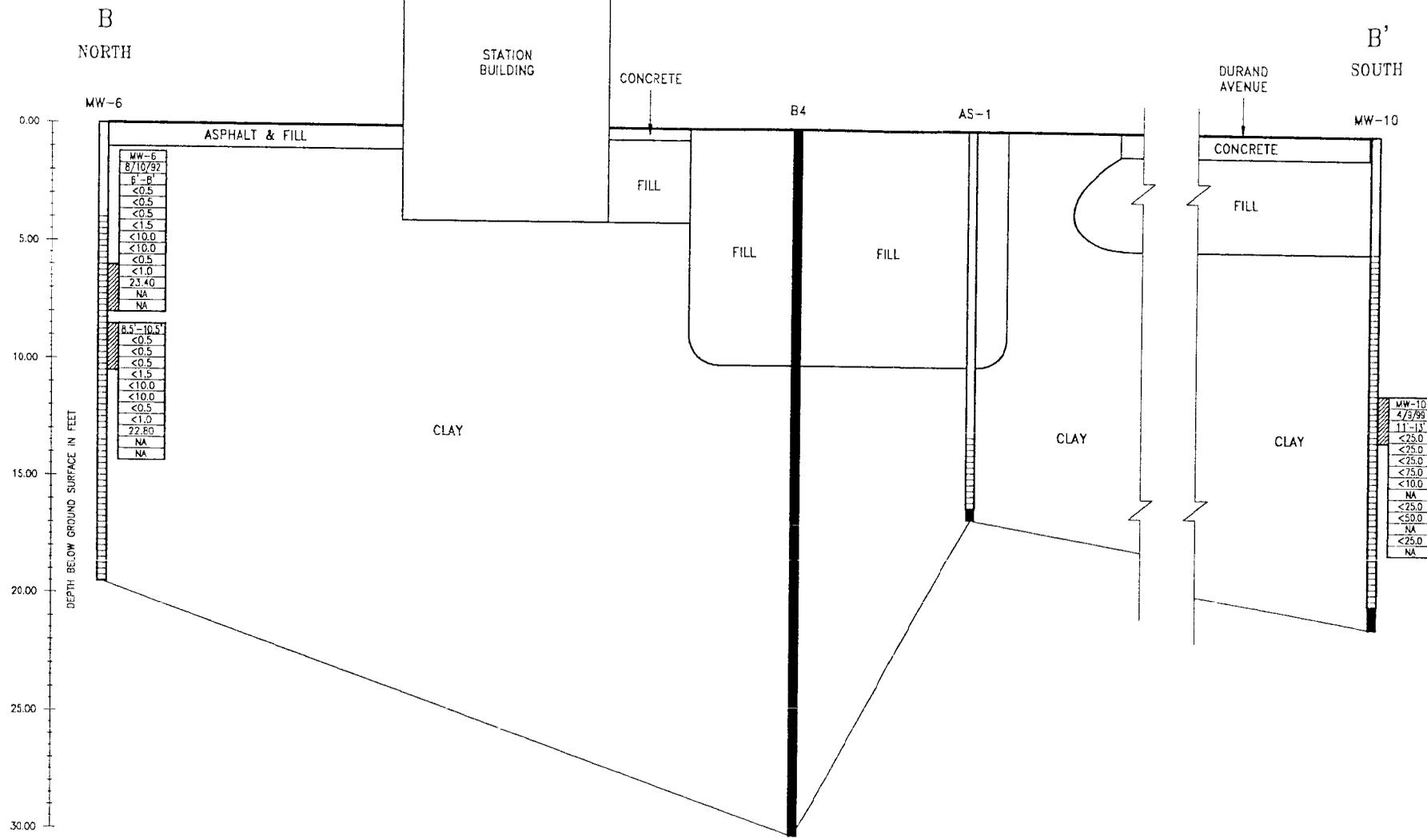
MOBIL OIL CORPORATION
 Marketing & Refining Division - U.S.
 Marketing Operations Department
 Environmental Engineering Group
 Fairfax, Virginia 22037

SITE LOCATION MAP
 SERVICE STATION # 05-K15
 3818 DURAND AVENUE
 RACINE, RACINE COUNTY, WISCONSIN

DRAWN BY:	M. SMITH
CHECKED BY:	-
SCALE:	AS NOTED
DATE:	10/28/98
DRAWING FILE:	116885

FIGURE
1

NO.	REVISIONS	DATE	BY	CHKD



VERTICAL EXAGGERATION = 4x

LEGEND

B ← SOIL BORING NUMBER
 MW ← MONITORING WELL NUMBER

MW-10	SOIL BORING NUMBER
4/9/99	SOIL SAMPLING DATE
11'-13'	SOIL SAMPLING DEPTH (ft.)
<25.0	BENZENE CONCENTRATION (ug/kg)
<25.0	TOLUENE CONCENTRATION (ug/kg)
<25.0	ETHYLBENZENE CONCENTRATION (ug/kg)
<75.0	TOTAL XYLENES CONCENTRATION (ug/kg)
<10.0	GASOLINE RANGE ORGANICS CONCENTRATION (mg/kg)
NA	DIESEL RANGE ORGANICS CONCENTRATION (mg/kg)
<25.0	METHYL TERT BUTYL ETHER CONCENTRATION (ug/kg)
<50.0	TOTAL TRIMETHYLBENZENE CONCENTRATION (ug/kg)
NA	LEAD CONCENTRATION (mg/kg)
<25.0	NAPHTHALENE CONCENTRATION (ug/kg)
NA	TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (ug/kg)

<10.0 LESS THAN LABORATORY REPORTING LIMIT
 NA NOT AVAILABLE OR NOT ANALYZED

Handex
OF WISCONSIN
16940 VICTOR ROAD
NEW BERLIN, WI 53151
(414) 641-9011

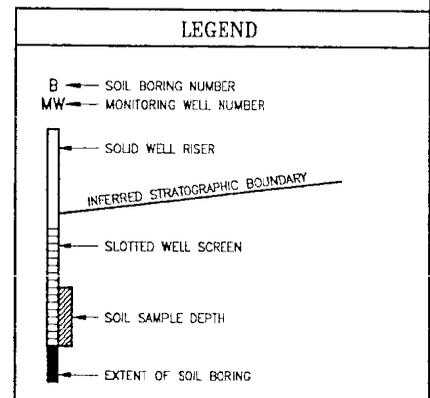
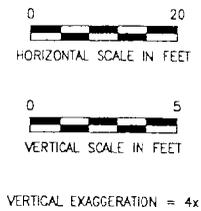
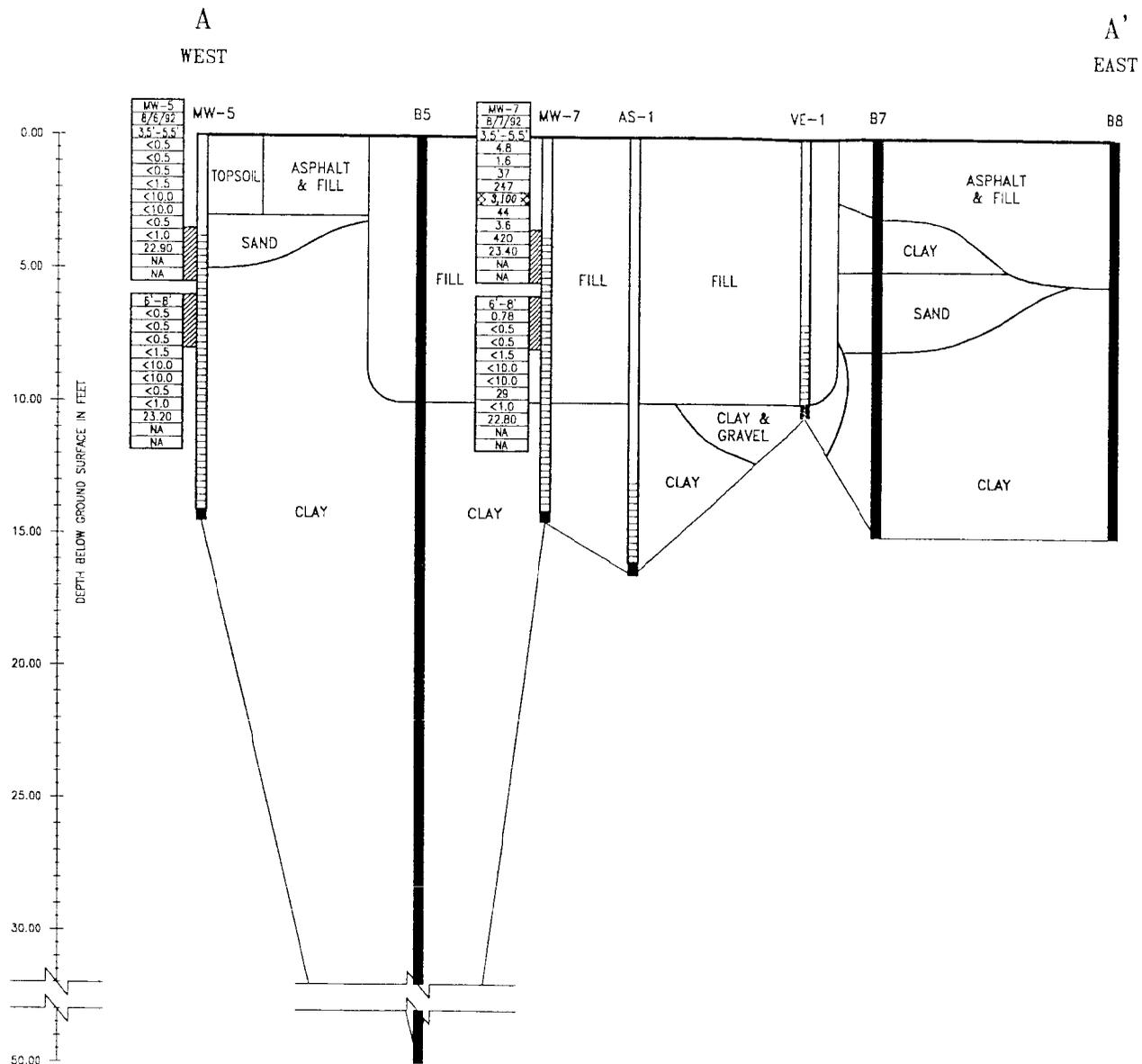
MOBIL OIL CORPORATION
 Marketing & Refining Division - U.S.
 Marketing Operations Department
 Environmental Engineering Group
 Fairfax, Virginia 22037

CROSS-SECTION B-B'
 (POST REMEDIAL ACTION)
 MOBIL SERVICE STATION # 05-KTS
 3818 DURAND AVENUE
 RACINE, RACINE COUNTY, WISCONSIN

DRAWN BY:	M. SMITH
CHECKED BY:	-
SCALE:	AS NOTED
DATE:	7/13/99
DRAWING FILE:	116885

FIGURE
 7

NO.	REVISIONS	DATE	BY	CHKD



MW-5	SOIL BORING NUMBER
8/6/92	SOIL SAMPLING DATE
3.5 - 5.5	SOIL SAMPLING DEPTH (ft.)
<0.5	BENZENE CONCENTRATION (ug/kg)
<0.5	TOLUENE CONCENTRATION (ug/kg)
<0.5	ETHYLBENZENE CONCENTRATION (ug/kg)
<1.5	TOTAL XYLENES CONCENTRATION (ug/kg)
<10.0	GASOLINE RANGE ORGANICS CONCENTRATION (mg/kg)
<10.0	DIESEL RANGE ORGANICS CONCENTRATION (mg/kg)
<0.5	METHYL TERT BUTYL ETHER CONCENTRATION (ug/kg)
<1.0	TOTAL TRIMETHYLBENZENE CONCENTRATION (ug/kg)
22.90	LEAD CONCENTRATION (mg/kg)
NA	NAPHTHALENE CONCENTRATION (ug/kg)
NA	TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (ug/kg)

<10.0 LESS THAN LABORATORY REPORTING LIMIT
 NA NOT AVAILABLE OR NOT ANALYZED
 * 3.100 * EXCEEDENCE OF RESIDUAL CONTAMINANT LEVELS
 CHAPTER NR 726 WISCONSIN ADMINISTRATIVE CODE

Handex
 OF WISCONSIN
 1604A VICTOR ROAD
 NEW BERLIN, WI 53151
 (414) 641-9011

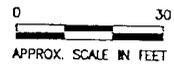
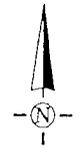
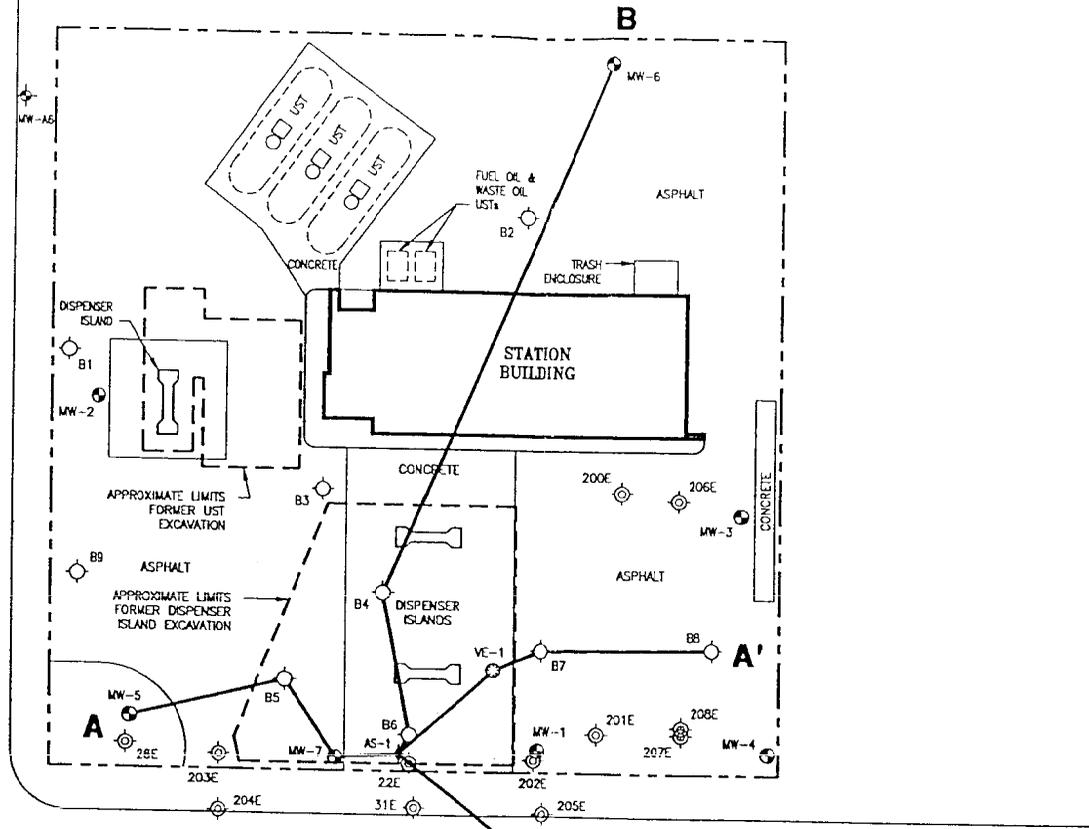
MOBIL OIL CORPORATION
 Marketing & Refining Division - U.S.
 Marketing Operations Department
 Environmental Engineering Group
 Fairfax, Virginia 22037

CROSS-SECTION A-A'
 (POST REMEDIAL ACTION)
 MOBIL SERVICE STATION # 05-KTS
 3818 DURAND AVENUE
 RACINE, RACINE COUNTY, WISCONSIN

DRAWN BY:	M. SMITH
CHECKED BY:	-
SCALE:	AS NOTED
DATE:	7/13/99
DRAWING FILE:	116885

FIGURE
6

NO.	REVISIONS	DATE	BY	CHKD



LEGEND	
---	PROPERTY BOUNDARY
A-A'	CROSS-SECTION LOCATION
---	APPROXIMATE LIMITS OF EXCAVATION
⊗	MONITORING WELL LOCATION
⊕	MONITORING WELL LOCATION (OFF-SITE)
⊙	VAPOR EXTRACTION POINT LOCATION
⊛	AIR SPARGING POINT LOCATION
⊘	SOIL BORING LOCATION
⊚	GEOPROBE BORING LOCATION

LATHROP AVENUE

DURAND AVENUE (STATE HIGHWAY 11)

Handlex
OF WISCONSIN
16940 VICTOR ROAD
NEW BERLIN, WI 53151
(414) 641-9011

MOBIL OIL CORPORATION
Marketing & Refining Division - U.S.
Marketing Operations Department
Environmental Engineering Group
Fairfax, Virginia 22037

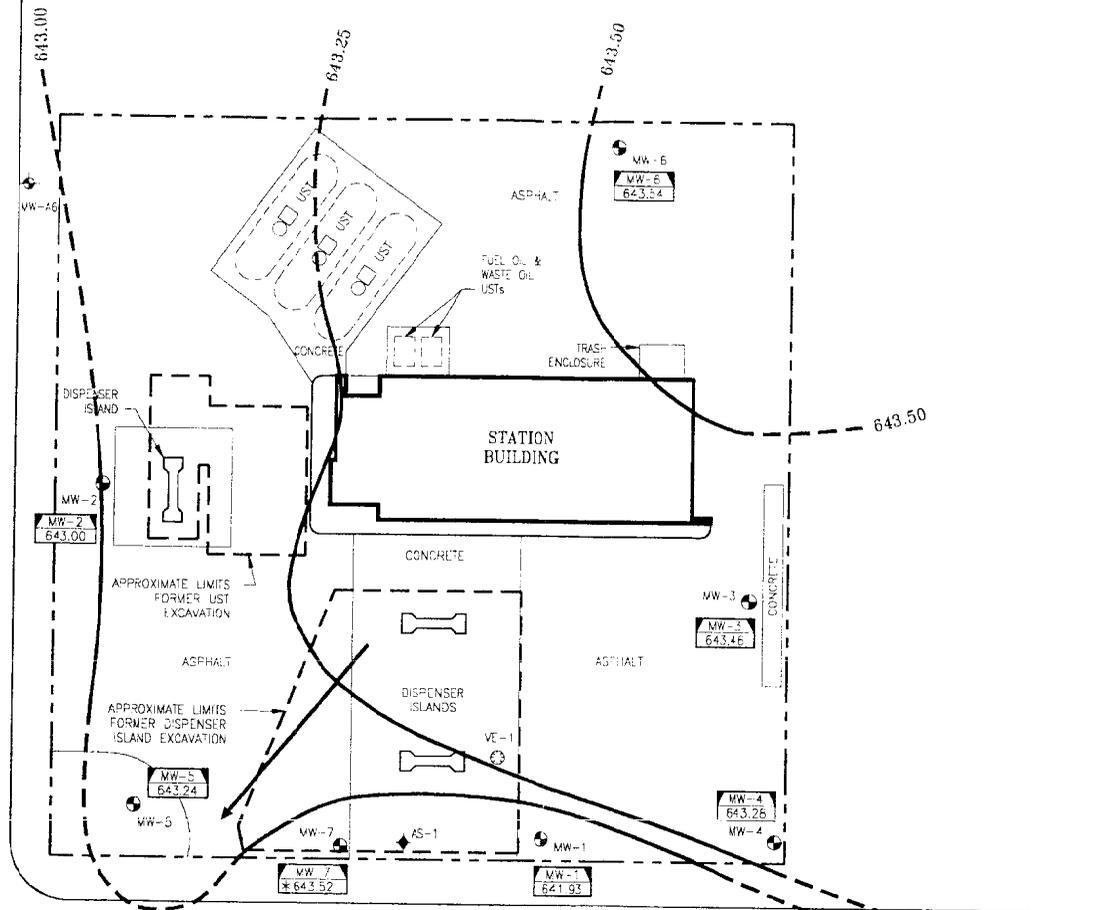
CROSS-SECTION LOCATION MAP
(POST REMEDIAL ACTION)
MOBIL SERVICE STATION # 05-KTS
381B DURAND AVENUE
RACINE, RACINE COUNTY, WISCONSIN

DRAWN BY:	M. SMITH
CHECKED BY:	-
SCALE:	1" = 30'
DATE:	7/5/90
DRAWING FILE:	116885

FIGURE
5

NO.	REVISIONS	DATE	BY	CHKD

LATHROP AVENUE



DURAND AVENUE (STATE HIGHWAY 11)

FORMER
PHILLIPS 66
SERVICE STATION

VW-2R
MW-A7
MW-A3

LEGEND	
	PROPERTY BOUNDARY
	APPROXIMATE LIMITS OF EXCAVATION
	MONITORING WELL LOCATION
	MONITORING WELL LOCATION (OFF-SITE)
	VAPOR EXTRACTION POINT LOCATION
	AIR SPARGING POINT LOCATION
	GROUNDWATER ELEVATION CONTOUR (CONTOUR INTERVAL = 0.25 FT./DASHED WHERE INFERRED)
	GROUNDWATER FLOW DIRECTION
	MONITORING WELL NUMBER GROUNDWATER ELEVATION (ft.)
	GROUNDWATER GAUGING DATE NOT USED TO GENERATE GROUNDWATER CONTOURS

Handex
OF WISCONSIN
16425 WINDY ROAD
NEW BERLIN, WI 53151
(262) 641-9011

MOBIL OIL CORPORATION
Marketing & Refining Division - U.S.
Marketing Operations Department
Environmental Engineering Group
Fairfax, Virginia 22037

GROUNDWATER CONTOUR MAP
(10/10/00)
MOB. SERVICE STATION # 05-KT5
3518 DURAND AVENUE
RACINE, RACINE COUNTY, WISCONSIN

DRAWN BY:	M. SMITH
CHECKED BY:	
SCALE:	1" = 30'
DATE:	11/17/01
DRAWING FILE:	116885

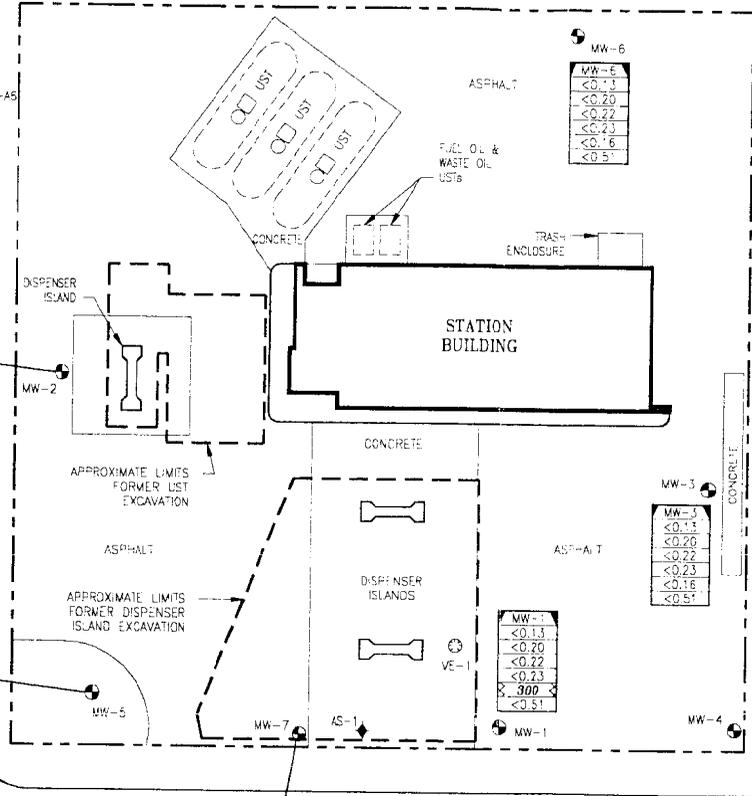
FIGURE
4

NO.	REVISIONS	DATE	BY	CHKD



LATHROP AVENUE

DURAND AVENUE (STATE HIGHWAY 11)



MW-2
<0.92
<0.39
<0.22
0.6
300
0.80

MW-5
<0.13
<0.20
<0.22
<0.23
<0.16
<0.5'

MW-7
<0.13
<0.20
<0.22
<0.13
98
<0.3'

MW-E
<0.11
<0.20
<0.22
<0.23
<0.16
<0.5'

MW-3
<0.13
<0.20
<0.22
<0.23
<0.16
<0.5'

MW-4
<0.13
<0.20
<0.22
<0.23
<0.16
<0.5'

MW-6
<0.13
<0.20
<0.22
<0.23
<0.16
<0.5'

LEGEND	
	PROPERTY BOUNDARY
	APPROXIMATE LIMITS OF EXCAVATION
	MONITORING WELL LOCATION
	MONITORING WELL LOCATION (OFF-SITE)
	VAPOR EXTRACTION POINT LOCATION
	AIR SPARGING POINT LOCATION

MW-1	MONITORING WELL NUMBER
<0.13	BENZENE CONCENTRATION (ug/l)
<0.20	TOLUENE CONCENTRATION (ug/l)
<0.22	ETHYL BENZENE CONCENTRATION (ug/l)
<0.23	TOTAL XYLENES CONCENTRATION (ug/l)
300	METHYL TERT BUTYL ETHER CONCENTRATION (ug/l)
<0.5'	TOTAL TRIMETHYLBENZENE CONCENTRATION (ug/l)

10/10/00 GROUNDWATER SAMPLING DATE
 <0.13 LESS THAN LABORATORY REPORTING LIMIT
 300 EXCEEDENCE OF ENFORCEMENT STANDARDS
 CHAPTER NR 140.1 WISCONSIN ADMINISTRATIVE CODE



MOBIL OIL CORPORATION
 Marketing & Refining Division - U.S.
 Marketing Operations Department
 Environmental Engineering Group
 Fairfax, Virginia 22037

GROUNDWATER ANALYTICAL RESULTS MAP
 (10/10/00)
 MOBIL SERVICE STATION # 05-K78
 38 S DURAND AVENUE
 RADNE, RADNE COUNTY, WISCONSIN

DRAWN BY:	M. SMITH
CHECKED BY:	-
SCALE:	1" = 30'
DATE:	1/17/01
DRAWING FILE:	115895

FIGURE
3

DOCUMENT #

1669959

STATE BAR OF WISCONSIN FORM 3 - 1982
QUIT CLAIM DEED

REGISTRAR'S OFFICE
RACINE COUNTY, WI

DOCUMENT NO.

RECORDED

99 FEB 10 PM 3:29

MARK A. LADD
REGISTER OF DEEDS

VOL PAGE
2878 527

Suzanne A. Bergemann

quit-claims to Thomas F. Bergemann

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

10-

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS

Thomas F. Bergemann
3818 Durand Avenue
Racine, WI 53405

Tax Exempt 77.25 8m

23859
PARCEL IDENTIFICATION NUMBER

Part of the Southeast 1/4 of Section 19, Township 3 North, Range 23 East more particularly described as follows: Begin at the Southwest corner of said 1/4 Section; go thence North 283.6 feet; thence East 305.54 feet to the West line of Monroe Avenue as proposed; thence South 283.6 feet to the quarter Section line; thence West along the Quarter Section line 305.54 feet to the place of beginning. Said land being in the City of Racine, Town of Mt. Pleasant, County of Racine, Wisconsin. Excepting that part conveyed in Document recorded in the Office of the Register of Deeds for Racine County, Wisconsin in Volume 958 of Records, page 643, as Document No. 828242. Also excepting that part conveyed in Document recorded in said Register's office in Volume 1763 of Records, page 961, as Document No. 1175467.

Tax Key Number: 23859
Street Address: 3818 Durand Avenue
Racine, WI 53405

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

Dated this 29th day of October, 1998

(SEAL)

Suzanne A. Bergemann (SEAL)
• Suzanne A. Bergemann

(SEAL)

(SEAL)

AUTHENTICATION

ACKNOWLEDGMENT

Signature(s) Suzanne A. Bergemann

State of Wisconsin, } ss.

authenticated this 29 day of October, 1998

Personally came before me this _____ day of _____, 19____, the above named

• William R. Binetti

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by §706.06, Wis. Stats.)

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

THIS INSTRUMENT WAS DRAFTED BY

Robert J. Baratki

Notary Public, _____ County, Wis.

Attorney at Law

My commission is permanent. (If not, state expiration date: _____, 19____.)

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

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

TABLE 1

GROUND WATER ANALYTICAL RESULTS

**MOBIL SERVICE STATION 05-KT5
3818 DURAND AVENUE
RACINE, WISCONSIN**

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Tri-methyl benzenes
MW-1	09/03/92	<0.20	1.6	<0.30	<0.90	190e	<2.2
	05/03/95	<0.20	<0.20	<0.30	<0.90	650.0	<0.60
	08/16/95	<0.20	<0.20	<0.30	<0.90	470.0	<0.60
	11/02/95	<0.20	<0.20	<0.30	<0.90	810.0	0.6
	02/08/96	<0.20	<0.20	<0.30	<0.90	682.0	<0.60
	03/06/98	<0.20	<0.20	<0.30	<0.90	310.0	<0.60
	05/14/96	<0.20	<0.20	<0.30	<0.90	340.0	<0.60
	5/14/98 Dup	<0.20	<0.20	<0.30	<0.90	340.0	<0.60
	09/16/98	<0.13	<0.20	<0.22	<0.23	460.0	<0.51
	10/20/98	<0.41	<0.20	<0.22	<0.23	520.0	<0.51
	03/02/99	<0.41	<0.38	<0.43	<1.40	500.0	<1.00
	05/11/99	1.8	<1.00	<1.10	<1.20	670.0	<2.50
	10/10/00	<0.13	<0.20	<0.22	<0.23	300.0	<0.51
10/22/01	<0.26	<0.40	<0.44	<0.46	220.0	<1.02	
MW-2	09/03/92	420.0	220.0	30.0	580.0	1100.0	166e
	05/03/95	470.0	2.7	290.0	179.3	1300.0	<130.3
	5/3/95 Dup	360.0	10.0	250.0	173.0	1100.0	125.1
	08/16/95	260.0	9.8	200.0	182.6	1400.0	149.4
	11/02/95	110.0	<0.20	84.0	26.0	1300.0	<29.3
	02/08/96	207.0	<0.20	117.0	4.0	1390.0	<18.3
	3/16/98	76.0	1.7	26.0	67.6	760.0	61.0
	05/14/98	45.0	1.2	31.0	24.6	600.0	28.0
	09/16/98	150.0	5.2	85.0	270.0	500.0	139.6
	9/16/98Dup	110.0	3.8	59.0	180.0	480.0	89.2
	10/20/98	67.0	3.7	26.0	56.0	590.0	36.8
	10/20/98Dup	75.0	3.7	28.0	65.0	570.0	36.9
	03/02/99	55.0	1.6	42.0	94.0	520.0	64.4
	3/2/99 Dup	32.0	1.2	26.0	57.0	540.0	38.1
	5/1199	7.2	1.9	6.2	4.2	560.0	6.6
	5/1199 Dup	7.3	1.3	6.4	3.9	510.0	6.6
	10/10/00	<0.92	0.3	<0.22	0.6	500.0	0.8
	10/22/01	1.2	<0.40	<0.44	<0.46	310.0	<1.02
10/22/01 Dup	1.2	<0.40	<0.44	<0.46	310.0	<1.02	
NR 140 Standards							
ES		5.0	1000.0	700.0	10000.0	60.0	480.0
PAL		0.5	200.0	140.0	1000.0	12.0	96.0
Notes:							
1) Dup = indicates the sample is a duplicate sample.							
2) PAL = Preventive Action Limit, Chapter NR140.10, Wis. Adm. Code.							
3) ES = Enforcement Standard, Chapter NR 140.10, Wis. Adm. Code.							
4) MTBE = Methyl tert-butly ether							
6) e = Estimated value, concentration is below the limit of quantitation (LOQ).							
7) (a) = Results influenced by extraneous non-petroleum compounds.							
8) On 5/3/95, chloromethane was detected in MW3 (6.7 ug/L) and MW4 (4.4 ug/L); and chlorobenzene was detected in the field blank (1.6 ug/L) and trip blank (0.9ug/L).							

TABLE 1

GROUND WATER ANALYTICAL RESULTS

MOBIL SERVICE STATION 05-KT5
3818 DURAND AVENUE
RACINE, WISCONSIN

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Tri-methyl benzenes
MW-3	09/03/92	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	9/3/92	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	05/03/95	<0.20	0.1e	<0.30	<0.90	<0.20	<0.60
	08/16/95	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	11/02/95	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	03/06/98	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	05/14/98	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	09/16/98	<0.13	<0.20	<0.22	<0.23	2.70	<0.51
	10/20/98	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
	03/02/99	<0.41	<0.38	<0.43	<1.40	<0.41	<1.00
	05/11/99	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
	10/10/00	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
10/22/01	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	
MW-4	09/03/92	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	05/03/95	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	08/16/95	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	11/02/95	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	02/08/96	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	03/06/98	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	05/14/98	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	09/16/98	<0.13	0.30	<0.22	<0.23	<0.16	<0.51
	10/20/98	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
	03/02/99	<0.41	<0.38	<0.42	<1.40	<0.41	<1.00
	05/11/99	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
	10/10/00	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
10/22/01	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	
NR 140 Standards							
ES		5.0	1000.0	700.0	10000.0	60.0	480.0
PAL		0.5	200.0	140.0	1000.0	12.0	96.0
Notes:							
1) Dup = indicates the sample is a duplicate sample.							
2) PAL = Preventive Action Limit, Chapter NR 140.10, Wis. Adm. Code.							
3) ES = Enforcement Standard, Chapter NR 140.10, Wis. Adm. Code.							
4) MTBE = Methyl tert-butyl ether							
5) e = Estimated value, concentration is below the limit of quantitation (LOQ).							
6) (a) = Results influenced by extraneous non-petroleum compounds.							
7) On 5/3/95, chloromethane was detected in MW3 (6.7 ug/L) and MW4 (4.4 ug/L); and chlorobenzene was detected in the field blank (1.6 ug/L) and trip blank (0.9ug/L).							

TABLE 1

GROUND WATER ANALYTICAL RESULTS

**MOBIL SERVICE STATION 05-KT5
3818 DURAND AVENUE
RACINE, WISCONSIN**

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Tri-methyl benzenes
MW-5	09/03/92	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	05/03/95	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	08/16/95	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	11/02/95	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	02/08/96	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	03/06/98	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	05/14/98	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	08/16/95	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	09/16/98	<0.13	<0.20	<0.22	<0.23	<0.43	<0.51
	10/20/98	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
	03/02/99	<0.41	<0.38	<0.43	<1.40	<0.41	<1.00
	05/11/99	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
	10/10/00	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
10/22/01	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	
MW6	09/03/92	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	05/03/95	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	08/16/95	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	11/02/95	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	03/06/98	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	05/14/98	<0.20	<0.20	<0.30	<0.90	<0.20	<0.60
	03/02/99	<0.41	<0.38	<0.43	<1.40	<0.41	<1.00
	05/11/99	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
	10/10/00	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
	10/22/01	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
NR 140 Standards							
ES		5.0	1000.0	700.0	10000.0	60.0	480.0
PAL		0.5	200.0	140.0	1000.0	12.0	96.0
Notes:							
1) Dup = indicates the sample is a duplicate sample.							
2) PAL = Preventive Action Limit, Chapter NR140.10, Wis. Adm. Code.							
3) ES = Enforcement Standard, Chapter NR 140.10, Wis. Adm. Code.							
4) MTBE = Methyl tert-butly ether							
5) e = Estimated value, concentration is below the limit of quantitation (LOQ).							
6) (a) = Results influenced by extraneous non-petroleum compounds.							
7) On 5/3/95, chloromethane was detected in MW3 (6.7 ug/L) and MW4 (4.4 ug/L); and chlorobenzene was detected in the field blank (1.6 ug/L) and trip blank (0.9ug/L).							

TABLE 1

GROUND WATER ANALYTICAL RESULTS

**MOBIL SERVICE STATION 05-KT5
3818 DURAND AVENUE
RACINE, WISCONSIN**

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Tri-methyl benzenes
MW-7	09/03/92	2.0	<0.20	<0.30	<0.90	200e	<0.60
	05/03/95	12.0	0.4	23.0	<0.90	<0.20	<4.1
	08/16/95	1.6	0.3e	2.1	0.3e	190.0	1.1e
	8/16/95 Dup	1.8	0.2e	1.9	0.4e	190.0	<0.7e
	11/02/95	0.8	<0.20	1.2	<0.90	140.0	<0.60
	11/2/95 Dup	<0.20	<0.20	<0.30	<0.90	140.0	<0.60
	02/08/96	3.7	<0.20	6.4	<0.90	138.0	<0.60
	2/8/96 Dup	3.6	<0.20	6.1	<0.90	136.0	<0.60
	03/06/98	<0.20	<0.20	0.3e	<0.90	100.0	<0.60
	3/6/98 Dup	<0.20	<0.20	<0.30	<0.90	100.0	<0.60
	05/14/98	<0.20	<0.20	<0.30	<0.90	85.0	<0.60
	09/16/98	0.3	0.3	<0.22	<0.23	78.0	<0.51
	10/20/98	<0.40	<0.20	<0.22	<0.23	79.0	<0.51
	03/02/99	<0.41	<0.38	<0.43	<1.40	58.0	<1.00
	05/11/99	<0.35	<0.20	<0.22	<0.20	61.0	<0.51
	10/10/00	<0.13	<0.20	<0.22	<0.23	99.0	<0.51
10/22/01	<0.13	<0.20	<0.22	<0.23	79.0	<0.51	
MW-10	05/11/99	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
	10/10/00	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
	10/22/01	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
MW-A6	05/11/99	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
NR 140 Standards							
ES		5.0	1000.0	700.0	10000.0	60.0	480.0
PAL		0.5	200.0	140.0	1000.0	12.0	96.0
Notes:							
1) Dup = indicates the sample is a duplicate sample.							
2) PAL = Preventive Action Limit, Chapter NR140.10, Wis. Adm. Code.							
3) ES = Enforcement Standard, Chapter NR 140.10, Wis. Adm. Code.							
4) MTBE = Methyl tert-butly ether							
5) e = Estimated value, concentration is below the limit of quantitation (LOQ).							
6) (a) = Results influenced by extraneous non-petroleum compounds.							
7) On 5/3/95, chloromethane was detected in MW3 (6.7 ug/L) and MW4 (4.4 ug/L); and chlorobenzene was detected in the field blank (1.6 ug/L) and trip blank (0.9ug/L).							

TABLE 2

GROUND WATER ELEVATION AND NATURAL ATTENUATION PARAMETERS

MOBIL SERVICE STATION 05-KT5
6035 DURAND AVENUE
RACINE, WISCONSIN

WELL NUMBER	DATE	TOC ELEVATIONS	LAND SURFACE ELEVATION	DEPTH TO GROUNDWATER	GROUNDWATER ELEVATION	CONDUCTIVITY @ 25 °C (umho/cm)	TEMP (°C)	pH	RED/OX POTENTIAL (Mv)	DISSOLVED OXYGEN (mg/L)	NITRATE (ppm)	SULFATE (mg/L)	DISSOLVED MANGANESE (mg/L)	ALKALINITY (mg/L)	DISSOLVED IRON (mg/L)	TOTAL IRON (mg/L)		
MW-1	08/07/1991	647.39	647.80	4.94	642.45	....	....	....	....	....	....	....	....	....	....	....
	02/26/1992			4.37	643.02	....	....	....	....	....	....	....	....	....	....	....	....
	09/03/2002			14.84	632.55	....	....	....	....	....	....	....	....	....	....	....	....	....
	10/01/1992			8.34	639.05	....	....	....	....	....	....	....	....	....	....	....	....	....
	05/03/1995			3.78	643.61	....	....	....	....	....	....	....	....	....	....	....	....	....
	08/16/1995			3.85	643.54	....	....	....	....	....	....	....	....	....	....	....	....	....
	11/02/1995			3.90	643.49	....	....	....	....	....	....	....	....	....	....	....	....	....
	02/08/1996			8.20	639.19	....	....	....	....	....	....	....	....	....	....	....	....	....
	03/06/1998			3.86	643.53	....	....	....	....	....	....	....	....	....	....	....	....	....
	05/14/1998			8.63*	638.76	....	....	1,550	11.7	###	....	3.40	0.15	88.7	1.110	257.0	0.135	....
	09/16/1998			6.33	641.06	....	....	1,320	12.7	###	....	6.10	<0.14	134.0	0.963	290.0	0.063	....
	10/20/1998			8.53	638.86	....	....	940	20.8	###	....	0.60	<0.055	120.0	0.600	300.0	<0.019	....
	03/02/1999			4.75	642.64	....	....	284	14.1	###	-43	1.44	....	120.0	0.058	330.0	<0.019	3.60
	05/11/1999			4.23	643.16	....	....	1,550	7.0	###	97.00	1.18	0.08	110.0	0.580	290.0	1.700	10.00
	10/10/2000			5.46	641.93	....	....	771	12.4	###	180.00	0.88	<0.055	82.0	0.130	320.0	0.140	8.10
10/22/2001	3.95	643.44	....	....	710	12.1	###	....	6.60	<0.50	85.0	0.410	280.0	0.730	4.50			
					643.44	1,139	13.4	###	....	1.52	<0.50	73.0	0.220	300.0	<0.042	36.00		
MW-2	08/07/1991	647.54	647.90	....	....	....	....	....	....	....	....	....	....	....	....	....
	02/26/1992			....	....	....	....	....	....	....	....	....	....	....	....	....	....
	09/03/1992			4.53	643.01	....	....	....	....	....	....	....	....	....	....	....	....	....
	10/01/1992			4.56	642.98	....	....	....	....	....	....	....	....	....	....	....	....	....
	05/03/1995			4.52	643.02	....	....	....	....	....	....	....	....	....	....	....	....	....
	08/16/1995			4.55	642.99	....	....	....	....	....	....	....	....	....	....	....	....	....
	11/02/1995			4.51	643.03	....	....	....	....	....	....	....	....	....	....	....	....	....
	02/08/1996			5.30	642.24	....	....	....	....	....	....	....	....	....	....	....	....	....
	03/06/1998			4.81	642.73	....	....	1,780	11.1	###	....	4.80	<0.14	<1.0	1.940	441.0	12.10	....
	05/14/1998			4.68	642.86	....	....	1,755	11.4	###	....	4.00	<0.14	<1.0	1.850	435.0	8.64	....
	09/16/1998			4.63	642.91	....	....	1,300	21.9	###	....	0.24	<0.055	17.0	1.000	435.0	3.00	....
	10/20/1998			4.72	642.82	....	....	1,246	16.1	###	-63	0.85	....	25.0	1.200	430.0	4.10	7.80
	03/02/1999			4.91	642.63	....	....	4,250	7.1	###	94.00	0.32	0.18	46.0	1.200	390.0	5.00	5.00
	05/11/1999			4.80	642.74	....	....	1,164	12.0	###	51.00	0.65	<0.055	25.0	1.300	420.0	12.00	19.00
	10/10/2000			4.54	643.00	....	....	1,385	17.7	###	....	0.90	<0.50	2.8	0.930	370.0	9.00	20.00
10/22/2001	4.61	642.93	....	....	1,630	17.7	###	....	0.93	<0.50	3.8	0.790	450.0	10.00	20.00			
MW-3	08/07/1991	648.30	648.80	....	....	....	....	....	....	....	....	....	....	....	....	....
	02/26/1992			....	....	....	....	....	....	....	....	....	....	....	....	....	....
	09/03/2002			4.45	643.85	....	....	....	....	....	....	....	....	....	....	....	....	....
	10/01/1992			4.64	643.66	....	....	....	....	....	....	....	....	....	....	....	....	....
	05/03/1995			4.40	643.90	....	....	....	....	....	....	....	....	....	....	....	....	....
	08/16/1995			4.84	643.46	....	....	....	....	....	....	....	....	....	....	....	....	....
	11/02/1995			4.39	643.91	....	....	....	....	....	....	....	....	....	....	....	....	....
	02/08/1996			....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	03/06/1998			4.88	643.42	....	....	1,470	10.1	###	....	4.00	<0.14	42.1	0.372	437.0	<0.020	....
	05/14/1998			4.82	643.48	....	....	1,315	11.2	###	....	5.10	0.29	40.2	0.150	454.0	<0.020	....
	09/16/1998			4.65	643.65	....	....	1,060	22.9	###	....	0.52	<0.055	51.0	0.100	500.0	0.47	....
	10/20/1998			4.82	643.48	....	....	970	15.1	###	-58	1.74	....	48.0	0.085	480.0	<0.019	0.71
	03/02/1999			4.93	643.37	....	....	1,270	6.0	###	103.00	2.52	<0.055	71.0	0.072	420.0	0.08	0.54
	05/11/1999			4.87	643.43	....	....	989	11.4	###	205.00	1.66	1.10	58.0	0.015	380.0	0.07	2.70
	10/10/2000			4.84	643.46	....	....	820	15.9	###	....	2.52	0.50	51.0	0.029	370.0	<0.024	1.10
10/22/2001	4.77	643.53	....	....	1,200	17.7	###	....	1.83	2.80	39.0	0.120	450.0	<0.042	10.00			

NOTES

- 1) not measured.
- 2) Depth to water measured from Top of Casing (TOC).
- 3) * = well under pressure when opened.
- 4) ppm = Parts Per Million, also known as mg/L.
- 5) umhos/cm = Micro-mhos per centimeter.
- 6) C = celsius.
- 7) ppb = Parts Per Billion, also known as ug/L.

TABLE 2

GROUND WATER ELEVATION AND NATURAL ATTENUATION PARAMETERS

MOBIL SERVICE STATION 05-KT5
6035 DURAND AVENUE
RACINE, WISCONSIN

WELL NUMBER	DATE	TOC ELEVATIONS	LAND SURFACE ELEVATION	DEPTH TO GROUNDWATER	GROUNDWATER ELEVATION	CONDUCTIVITY @ 25 °C (umho/cm)	TEMP (°C)	pH	RED/OX POTENTIAL (Mv)	DISSOLVED OXYGEN (mg/L)	NITRATE (ppm)	SULFATE (mg/L)	DISSOLVED MANGANESE (mg/L)	ALKALINITY (mg/L)	DISSOLVED IRON (mg/L)	TOTAL IRON (mg/L)			
MW-4	08/07/1991	647.67	648.10	----	----	----	----	----	----	----	----	----	----	----	----	----			
	02/26/1992			----	----	----	----	----	----	----	----	----	----	----	----	----	----		
	09/03/2002			4.24	643.43	----	----	----	----	----	----	----	----	----	----	----	----	----	
	10/01/1992			4.21	643.46	----	----	----	----	----	----	----	----	----	----	----	----	----	
	05/03/1995			4.46	643.21	----	----	----	----	----	----	----	----	----	----	----	----	----	
	08/16/1995			6.17	641.50	----	----	----	----	----	----	----	----	----	----	----	----	----	
	11/02/1995			4.34	643.33	----	----	----	----	----	----	----	----	----	----	----	----	----	
	02/08/1996			4.02	643.65	----	----	----	----	----	----	----	----	----	----	----	----	----	
	03/06/1998			4.17	643.50	----	----	----	----	----	----	----	----	----	----	----	----	----	----
	05/14/1998			5.85*	641.82	----	----	2,110	8.7	###	----	4.30	<0.14	64.1	0.781	661.0	<0.020	----	
	08/16/1998			6.05	641.62	----	----	2,015	10.9	###	----	5.20	<0.14	91.2	0.624	638.0	<0.020	----	
	10/20/1998			4.91	642.76	----	----	1,580	22.0	###	----	0.28	----	----	----	----	----	----	
	03/02/1999			5.18	642.49	----	----	1,500	16.3	###	-49	1.44	----	----	----	----	----	----	
	05/11/1999			5.94	641.73	----	----	2,170	7.3	###	98.00	0.44	----	----	----	----	----	----	
	10/10/2000			4.39	643.28	----	----	1,008	11.6	###	227.00	1.15	----	----	----	----	----	----	
10/22/2001	4.36	643.31	----	----	1,168	18.4	###	----	0.88	----	----	----	----	----	----				
						2,140	18.5	###	----	1.13	----	----	----	----	----	----			
MW-5	08/07/1991	650.17	650.20	----	----	----	----	----	----	----	----	----	----	----	----	----			
	02/26/1992			----	----	----	----	----	----	----	----	----	----	----	----	----	----		
	09/03/2002			6.88	643.29	----	----	----	----	----	----	----	----	----	----	----	----	----	
	10/01/1992			6.95	643.22	----	----	----	----	----	----	----	----	----	----	----	----	----	
	05/03/1995			6.70	643.47	----	----	----	----	----	----	----	----	----	----	----	----	----	
	08/16/1995			6.91	643.26	----	----	----	----	----	----	----	----	----	----	----	----	----	
	11/02/1995			6.50	643.57	----	----	----	----	----	----	----	----	----	----	----	----	----	
	02/08/1996			7.34	642.83	----	----	----	----	----	----	----	----	----	----	----	----	----	
	03/06/1998			6.96	643.21	----	----	2,654	8.9	###	----	3.70	0.21e	81.6	0.121	262.0	<0.020	----	
	05/14/1998			6.99	643.18	----	----	2,245	12.2	###	----	5.70	0.14	107.0	0.025	271.0	<0.020	----	
	09/16/1998			6.37	643.30	----	----	1,840	21.9	###	----	0.45	----	----	----	----	----	----	
	10/20/1998			6.35	643.32	----	----	1,832	16.6	###	-65	3.82	----	----	----	----	----	----	
	03/02/1999			6.92	643.25	----	----	5,770	6.2	###	34.00	3.25	2.10	72.00	0.024	240.0	0.07	0.46	
	05/11/1999			6.93	643.24	----	----	1,366	10.7	###	225.00	2.31	----	----	----	----	----	----	
	10/10/2000			6.93	643.24	----	----	1,295	16.2	###	----	0.85	----	----	----	----	----	----	
10/22/2001	6.89	643.28	----	----	3,690	16.7	###	----	2.47	----	----	----	----	----	----				
MW-6	08/07/1991	649.88	650.30	----	----	----	----	----	----	----	----	----	----	----	----	----			
	02/26/1992			----	----	----	----	----	----	----	----	----	----	----	----	----	----		
	09/03/2002			6.00	643.88	----	----	----	----	----	----	----	----	----	----	----	----	----	
	10/01/1992			5.71	644.17	----	----	----	----	----	----	----	----	----	----	----	----	----	
	05/03/1995			5.84	644.04	----	----	----	----	----	----	----	----	----	----	----	----	----	
	08/16/1995			6.18	643.70	----	----	----	----	----	----	----	----	----	----	----	----	----	
	11/02/1995			5.66	644.22	----	----	----	----	----	----	----	----	----	----	----	----	----	
	02/08/1996			----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
	03/06/1998			6.06	643.82	----	----	1,015	10.3	###	----	4.10	<0.14	43.0	0.706	568.0	<0.020	----	
	05/14/1998			5.99	643.89	----	----	1,055	11.2	###	----	4.90	<0.14	68.3	0.553	569.0	<0.020	----	
	03/02/1999			5.95	643.93	----	----	1,070	10.7	###	20.00	0.54	----	----	----	----	----	----	
	05/11/1999			6.40	643.48	----	----	734	12.1	###	225.00	0.97	----	----	----	----	----	----	
	10/10/2000			6.34	643.54	----	----	795	4.9	###	----	0.71	----	----	----	----	----	----	
	10/22/2001			6.06	643.82	----	----	1,070	18.0	###	----	0.89	----	----	----	----	----	----	

NOTES:

- 1) ---- not measured
- 2) Depth to water measured from Top of Casing (TOC).
- 3) * = well under pressure when opened.
- 4) ppm = Parts Per Million, also known as mg/L.
- 5) umhos/cm = Micro-mhos per centimeter.
- 6) C = celsius
- 7) ppb = Parts Per Billion, also known as ug/L.

TABLE 2

GROUND WATER ELEVATION AND NATURAL ATTENUATION PARAMETERS

MOBIL SERVICE STATION 05-KT5
6035 DURAND AVENUE
RACINE, WISCONSIN

WELL NUMBER	DATE	TOC ELEVATIONS	LAND SURFACE ELEVATION	DEPTH TO GROUNDWATER	GROUNDWATER ELEVATION	CONDUCTIVITY @ 25 °C (umho/cm)	TEMP (°C)	pH	RED/OX POTENTIAL (mv)	DISSOLVED OXYGEN (mg/L)	NITRATE (ppm)	SULFATE (mg/L)	DISSOLVED MANGANESE (mg/L)	ALKALINITY (mg/L)	DISSOLVED IRON (mg/L)	TOTAL IRON (mg/L)		
MW-7	08/07/1991	647.20	647.50	----	----	----	----	----	----	----	----	----	----	----	----	----		
	02/26/1992			----	----	----	----	----	----	----	----	----	----	----	----	----	----	
	09/03/1992			3.57	643.63	----	----	----	----	----	----	----	----	----	----	----	----	----
	10/01/1992			3.60	643.60	----	----	----	----	----	----	----	----	----	----	----	----	----
	05/03/1995			3.66	643.54	----	----	----	----	----	----	----	----	----	----	----	----	----
	08/16/1995			3.71	643.49	----	----	----	----	----	----	----	----	----	----	----	----	----
	11/02/1995			3.64	643.56	----	----	----	----	----	----	----	----	----	----	----	----	----
	02/08/1996			4.58	642.62	----	----	----	----	----	----	----	----	----	----	----	----	----
	03/06/1998			3.78	643.42	1,830	8.2	###	----	5.00	<0.14	22.7	2,240	575.0	0.498	----	----	
	05/14/1998			3.78	643.62	1,690	13.0	###	----	5.50	<0.14	31.2	1,850	561.0	0.117	----	----	
	05/16/1998			3.78	643.72	1,320	25.4	###	----	0.20	<0.055	37.0	1,100	510.0	<0.019	----	----	
	10/20/1998			3.75	643.75	1,213	15.9	###	69	0.45	----	46.0	1,200	510.0	<0.019	2.60	----	
	03/02/1999			3.9	643.60	1,840	7.2	###	50.00	0.35	----	----	----	----	----	----	----	
	05/11/1999			3.76	643.44	1,108	13.5	###	205.00	0.68	<0.055	48.0	0,260	470.0	0.944	4.30	----	
	10/10/2000			3.68	643.52	965	17.3	###	----	0.70	<0.50	21.0	1,300	430.0	0.520	2.80	----	
10/22/2001	3.72	643.48	1,595	18.3	###	----	0.84	<0.50	26.0	1,100	490.0	0.380	31.00	----				
MW-10	05/11/1999	648.07		7.45	640.62	850	12.2	###	145.00	2.24	----	----	----	----	----	----		
	10/10/2000			7.92	640.15	784	17.8	###	----	1.03	----	----	----	----	----	----		
	10/22/2001			7.18	640.89	1,321	18.4	###	----	0.73	----	----	----	----	----	----		

NOTES:
 1) ---- not measured.
 2) Depth to water measured from Top of Casing (TOC)
 3) * - well under pressure when opened.
 4) ppm - Parts Per Million, also known as mg/L.
 5) umhos/cm - Micro-mhos per centimeter.
 6) C - celsius
 7) ppt - Parts Per Billion, also known as ug/L.

Certified Mail # 7001 2510 0007 5649 3686

May 24, 2002

ExxonMobil
Refining & Supply

Mr. Tom Bergemann
Tom's Carriage Mobil
3818 Durand Avenue
Racine, Wisconsin 53405

Re: GIS Registry
Mobil Service Station 05-KT5
3818 Durand Avenue
Racine, Wisconsin

Dear Mr. Bergemann:

I am writing to notify you of recent revisions to the NR 700 rule series of the Wisconsin Administrative Code (WAC). Changes to the WAC became effective November 1, 2001 requiring certain properties to be listed on a geographic information system (GIS) Registry maintained by the Wisconsin Department of Natural Resources (WDNR). This recent rule change allows for closure of environmental remediation sites where natural attenuation is being used to complete groundwater cleanup without requiring groundwater use restrictions to be recorded with the property deed.

Groundwater at the property at 3818 Durand Avenue, Racine, WI (the Property) has been tested by ExxonMobil's consultants on a frequent basis, and has exhibited levels of benzene and methyl tert-butyl ether above the state groundwater enforcement standards found in chapter NR 140 of the WAC. However, the WDNR has determined that natural attenuation will complete the cleanup at the site and the site meets the requirements for case closure that are found in chapter NR 726. A copy of the WDNR conditional closure letter for the site, dated December 15, 1999, is included with this letter. Also included is a copy of the WDNR's fact sheet describing the use of natural attenuation as a final remedy (Publication #RR-671).

Since the WDNR has approved natural attenuation as a remedy for this site, I will be requesting the WDNR grant this site final closure. Final closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

The WDNR will not review my closure request for at least 30 days after the date of this letter. As the owner of the property, you may contact the WDNR to provide any technical information that indicates closure should not be granted for this site. If you would like to submit any information relevant to this closure request to the WDNR, you should mail that information to: Ms. Jenny Pelczar, Hydrogeologist, Wisconsin Department of Natural Resources, Southeast Region, 9531 Rayne Road, Sturtevant, Wisconsin, 53177.

Once this site is closed, all properties within the area where groundwater quality exceeds NR 140 groundwater enforcement standards will be listed on the WDNR's GIS Registry of Closed

Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater quality exceeding chapter NR 140 standards was found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNR's internal web site. I have enclosed with this letter the legal description of the property at 3818 Durand Avenue, Racine, WI. Please review this legal description and notify me within the next 30 days if the legal description is incorrect.

The GIS registry will be used by the WDNR to make sure wells are properly installed in Wisconsin. Any well driller who proposes to construct a well on your property in the future will first need to call the Diggers Hotline (1-800-242-8511) if the Property is located outside of the service area of a municipally owned water system. If the Property is located within the designated service area of a municipally owned water system, the driller will need to contact the Drinking Water program within the WDNR. Either way, the WDNR will then contact the well driller to advise if there is a need for special construction standards to complete the well installation.

There are no costs to you for the closure or for the GIS Registry. Neither you nor subsequent owners of your property will be held responsible for investigation or cleanup of this groundwater impact, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes. For further information on the requirements of Section 292.13, Wisconsin Statutes, you may call 1-800-367-6076 to obtain a copy of the WDNR's publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination.

Once the WDNR makes a decision on my closure request, it will be documented in a letter. I will forward you a copy of the closure letter for your information. You may also obtain a copy of this letter by writing to the agency address given above, or by accessing the DNR GIS Registry of Closed Remediation Sites on the internet at www.dnr.state.wi.us/org/at/ct/geo/gwur. A copy of the closure letter will be included as part of the site file on the GIS Registry of Closed Remediation Sites.

Should you have any questions regarding this correspondence, please do not hesitate to contact me at (815) 521-7369, or you may contact Ms. Jenny Pelczar of the Wisconsin Department of Natural Resources at 1-262-884-2341.

Sincerely,


Jeffrey A. Johnson
Remediation Territory Manager
ExxonMobil Oil Corporation

Attachments:

1. Conditional Closure Letter (December 15, 1999)
2. WDNR Factsheet (Publication #RR-671)
3. Legal Description of Property

cc: Craig Workman, Handex of Wisconsin
Jenny Pelczar, WDNR

EXHIBIT "A"

LEGAL DESCRIPTION

Part of the Southeast 1/4 of Section 19, Township 3 North, Range 23 East more particularly described as follows: Begin at the Southwest corner of said 1/4 Section; go thence North 283.6 feet; thence East 305.54 feet to the West line of Munroe Avenue as proposed; thence South 283.6 feet to the Quarter Section line; thence West along the Quarter Section line 305.54 feet to the place of beginning. Said land being in the City of Racine, Town of Mt. Pleasant, County of Racine and State of Wisconsin. Excepting that part conveyed in Document recorded in the Office of the Register of Deeds for Racine County, Wisconsin in Volume 958 of Records, page 643, as Document No. 828242. Also excepting that part conveyed in Document recorded in said Register's Office in Volume 1763 of Records, page 961, as Document No. 1175467.

Tax Key Number 23859



HANDEX[®]
Practical Environmental Solutions

FILE

May 5, 2000

Dave Maack
Emergency Government Services
730 Wisconsin Avenue
Racine, Wisconsin 53403

RE: Notice of Possible Contaminants in the Right-Of-Way of Durand Avenue

Dear Mr. Maack:

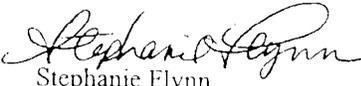
On December 15, 2000 the Wisconsin Department of Natural Resources (WDNR) granted conditional site closure to the ExxonMobil Service Station 05-KT5. This property is located on the Southeast corner of the intersection of Durand Avenue and Lathrop Avenue in the City of Racine, Racine County, Wisconsin. Please refer to the attached Site Location Map (Figure 1).

A copy of the original WDNR conditional closure letter has been included as an attachment. As a third condition of the closure letter, the WDNR requested Handex to send a letter to the city of Racine. The purpose of this letter is to inform the city of the possible existence of impacted soil and groundwater under the right-of-way of Durand Avenue. In 1991 and 1992, two subsurface investigations were conducted to define impacted soil on the ExxonMobil property. Please refer to the attached Soil Analytical Results Map. Along Durand Avenue, MW-7 exceeded the RCL for GRO; 22E, 31E, and 202E exceeded the RCL for benzene and total xylenes; 205 E exceeded the RCL for benzene; 208E exceeded the RCL for benzene, ethylbenzene, toluene, and total xylenes. Please refer to the attached Groundwater Analytical Results Map. Along Durand Avenue, MW-7 and MW-1 exceeded the ES for methyl tert butyl ether. The WDNR has approved natural attenuation as a remedial alternative for the soil in this area. It is possible that impacted soil exists under the road pavement. Handex Environmental and the WDNR concur that the impacted soil does not present a significant health concern.

Please contact Jennie Pelczar with the Department of Natural Resources at (262) 884-2341 for appropriate personal protective equipment if road construction occurs at this intersection. Other inquiries can be directed to Thomas Kettinger with Handex Environmental at (262) 641-9011.

Sincerely,

Handex Environmental

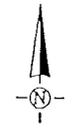

Stephanie Flynn
Staff Hydrogeologist


Thomas Kettinger
Senior Hydrogeologist

Attachments: Wisconsin Department of Natural Resources Closure Letter
Figure 1: Site Location Map
Figure 2: Site Map
Figure 3: Soil Analytical Results Map
Figure 4: Groundwater Analytical Results Map

Cc: Kristopher Jimenez, Project Engineer, ExxonMobil Corporation
Jennie Pelczar, Hydrogeologist, Wisconsin Department of Natural Resources
ExxonMobil 05-JPG Project File

NO.	REVISIONS	DATE	BY	CHKD



LEGEND

- PROPERTY BOUNDARY
- - - - - APPROXIMATE LIMITS OF EXCAVATION
- ⊙ MONITORING WELL LOCATION
- ⊕ MONITORING WELL LOCATION (OFF-SITE)
- VAPOR EXTRACTION POINT LOCATION
- ⊕ AIR SPARGING POINT LOCATION
- ⊙ GEDPROBE BORING LOCATION

LW-2	SOIL BORING NUMBER
8/10/91	SOIL SAMPLING DATE
1.5-5.5	SOIL SAMPLING DEPTH (ft)
48	BENZENE CONCENTRATION (ug/kg)
52	TOLUENE CONCENTRATION (ug/kg)
170	ETHYLBENZENE CONCENTRATION (ug/kg)
700	TOTAL XYLENES CONCENTRATION (ug/kg)
450	GASOLINE RANGE ORGANICS CONCENTRATION (mg/kg)
72	DESEL RANGE ORGANICS CONCENTRATION (mg/kg)
15	METHYL TERT BUTYL ETHER CONCENTRATION (ug/kg)
650	TOTAL TRIETHYLBENZENE CONCENTRATION (ug/kg)
23.80	LEAD CONCENTRATION (mg/kg)
NA	NAPHTHALENE CONCENTRATION (ug/kg)
NA	TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (ug/kg)

<10.0 LESS THAN LABORATORY REPORTING LIMIT
 NA NOT AVAILABLE OR NOT ANALYZED
 ⊕ EXCESSIVE OF RESIDUAL CONTAMINANT LEVELS
 CHAPTER NR 726 WISCONSIN ADMINISTRATIVE CODE

DRAWN BY:	W. SMITH	FIGURE 3
CHECKED BY:	-	
SCALE:	1" = 30'	
DATE:	7/6/99	
DRAWING FILE:	116885	

LATHROP AVENUE

DURAND AVENUE

LW-7	8/10/91	1.5-5.5	6-R
48	48	1.4	140
52	52	7.3	73
170	170	14.9	149
700	700	<10.0	<10.0
450	450	<10.0	<10.0
72	72	<10.0	<10.0
15	15	<1.0	<1.0
650	650	<1.0	<1.0
23.80	23.80	23.40	23.40
NA	NA	NA	NA
NA	NA	NA	NA

LW-5	8/6/91	1.5-5.5	6-R
48	48	<0.5	<0.5
52	52	<0.5	<0.5
170	170	<0.5	<0.5
700	700	<10.0	<10.0
450	450	<10.0	<10.0
72	72	<1.0	<1.0
15	15	<0.5	<0.5
650	650	<1.0	<1.0
23.80	23.80	23.20	23.20
NA	NA	NA	NA
NA	NA	NA	NA

LW-6	8/10/91	1.5-5.5	6-R
48	48	<0.5	<0.5
52	52	<0.5	<0.5
170	170	<0.5	<0.5
700	700	<10.0	<10.0
450	450	<10.0	<10.0
72	72	<1.0	<1.0
15	15	<0.5	<0.5
650	650	<1.0	<1.0
23.80	23.80	22.80	22.80
NA	NA	NA	NA
NA	NA	NA	NA

200E	12/16/91	1.5-5.5	6-R
48	48	NA	NA
52	52	<6.0	<6.0
170	170	<6.0	<6.0
700	700	<6.0	<6.0
450	450	<6.0	<6.0
72	72	<6.0	<6.0
15	15	<6.0	<6.0
650	650	<6.0	<6.0
23.80	23.80	24.00	24.00
NA	NA	NA	NA
NA	NA	NA	NA

LW-3	12/10/91	1.5-5.5	6-R
48	48	<0.5	<0.5
52	52	<0.5	<0.5
170	170	<0.5	<0.5
700	700	<10.0	<10.0
450	450	<10.0	<10.0
72	72	<1.0	<1.0
15	15	<0.5	<0.5
650	650	<1.0	<1.0
23.80	23.80	23.20	23.20
NA	NA	NA	NA
NA	NA	NA	NA

LW-4	12/7/91	1.5-5.5	6-R
48	48	<0.5	<0.5
52	52	<0.5	<0.5
170	170	<0.5	<0.5
700	700	<10.0	<10.0
450	450	<10.0	<10.0
72	72	<1.0	<1.0
15	15	<0.5	<0.5
650	650	<1.0	<1.0
23.80	23.80	23.70	23.70
NA	NA	NA	NA
NA	NA	NA	NA

20E	12/16/91	1.5-5.5	6-R	20E	12/16/91	1.5-5.5	6-R	20E	12/16/91	1.5-5.5	6-R	20E	12/16/91	1.5-5.5	6-R	20E	12/16/91	1.5-5.5	6-R	LW-10	12/7/91	1.5-5.5	6-R
48	48	<0.5	<0.5	48	48	<0.5	<0.5	48	48	<0.5	<0.5	48	48	<0.5	<0.5	48	48	<0.5	<0.5	11	11	<1.0	<1.0
52	52	<0.5	<0.5	52	52	<0.5	<0.5	52	52	<0.5	<0.5	52	52	<0.5	<0.5	52	52	<0.5	<0.5	20	20	<25.0	<25.0
170	170	<0.5	<0.5	170	170	<0.5	<0.5	170	170	<0.5	<0.5	170	170	<0.5	<0.5	170	170	<0.5	<0.5	700	700	<50.0	<50.0
700	700	<0.5	<0.5	700	700	<0.5	<0.5	700	700	<0.5	<0.5	700	700	<0.5	<0.5	700	700	<0.5	<0.5	22	22	<50.0	<50.0
450	450	<0.5	<0.5	450	450	<0.5	<0.5	450	450	<0.5	<0.5	450	450	<0.5	<0.5	450	450	<0.5	<0.5	15	15	<50.0	<50.0
72	72	<0.5	<0.5	72	72	<0.5	<0.5	72	72	<0.5	<0.5	72	72	<0.5	<0.5	72	72	<0.5	<0.5	650	650	<1.0	<1.0
15	15	<0.5	<0.5	15	15	<0.5	<0.5	15	15	<0.5	<0.5	15	15	<0.5	<0.5	15	15	<0.5	<0.5	23.80	23.80	<1.0	<1.0
650	650	<0.5	<0.5	650	650	<0.5	<0.5	650	650	<0.5	<0.5	650	650	<0.5	<0.5	650	650	<0.5	<0.5	NA	NA	<1.0	<1.0
23.80	23.80	<0.5	<0.5	23.80	23.80	<0.5	<0.5	23.80	23.80	<0.5	<0.5	23.80	23.80	<0.5	<0.5	23.80	23.80	<0.5	<0.5	NA	NA	<1.0	<1.0
NA	NA	<0.5	<0.5	NA	NA	<0.5	<0.5	NA	NA	<0.5	<0.5	NA	NA	<0.5	<0.5	NA	NA	<0.5	<0.5	NA	NA	<1.0	<1.0
NA	NA	<0.5	<0.5	NA	NA	<0.5	<0.5	NA	NA	<0.5	<0.5	NA	NA	<0.5	<0.5	NA	NA	<0.5	<0.5	NA	NA	<1.0	<1.0

Handdex
OF WISCONSIN
16940 VICTOR ROAD
NEW BERLIN, WI 53151
(414) 641-9011

MOBIL OIL CORPORATION
Marketing & Refining Division - U.S.
Marketing Operations Department
Environmental Engineering Group
Fairfax, Virginia 22037

SOIL ANALYTICAL RESULTS MAP
(POST REMEDIAL ACTION - 1991 TO 1999)
MOBIL SERVICE STATION # 05-KT5
3818 DURAND AVENUE
RACINE, RACINE COUNTY, WISCONSIN

88562

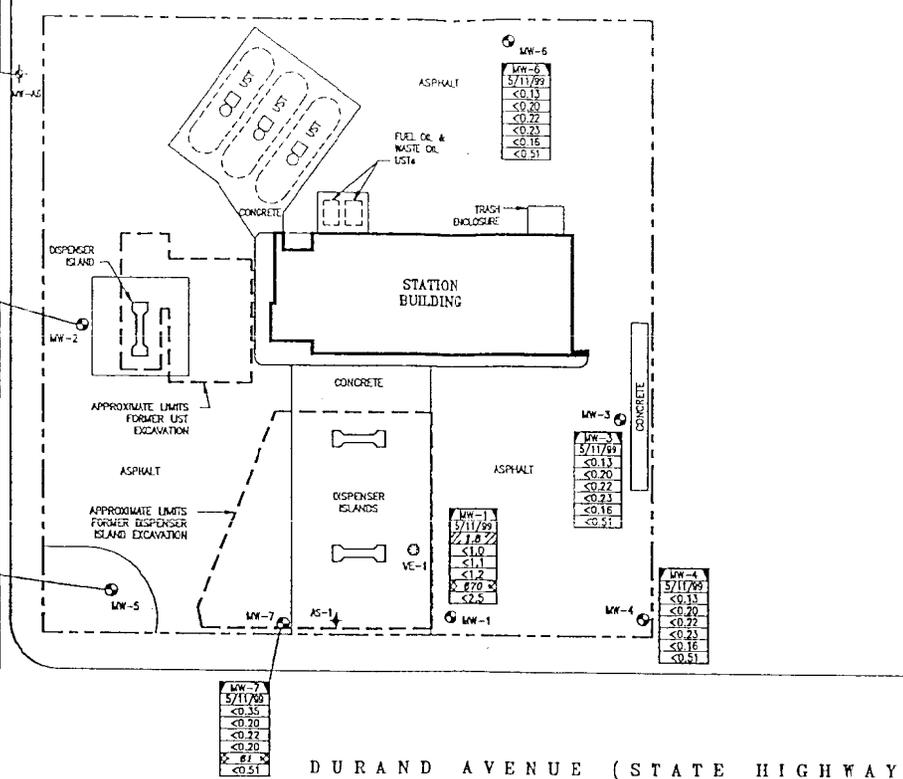
NO.	REVISIONS	DATE	BY	CHKD



LEGEND	
---	PROPERTY BOUNDARY
- - -	APPROXIMATE LIMITS OF EXCAVATION
⊙	MONITORING WELL LOCATION
⊙	MONITORING WELL LOCATION (OFF-SITE)
⊕	VAPOR EXTRACTION POINT LOCATION
+	AIR SPARGING POINT LOCATION
→	GROUNDWATER FLOW DIRECTION FOR 1/28/89 SAMPLING EVENT AS PER AES CONSULTANTS, LTD.

MW-1 5/11/89 1.8 NS 0.70	MONITORING WELL NUMBER GROUNDWATER SAMPLING DATE BROMINE CONCENTRATION (mg/l) TOLUENE CONCENTRATION (ug/l) ETHYLBENZENE CONCENTRATION (ug/l) TOTAL XYLENES CONCENTRATION (ug/l) METHYL TERT BUTYL ETHER CONCENTRATION (ug/l) TOTAL TRIMETHYLBENZENE CONCENTRATION (ug/l)
<1.0	LESS THAN LABORATORY REPORTING LIMIT
NS	NOT SAMPLED
1.8	EXCEEDENCE OF PREVENTATIVE ACTION LIMIT CHAPTER NR 140.1 WISCONSIN ADMINISTRATIVE CODE
0.70	EXCEEDENCE OF ENFORCEMENT STANDARDS CHAPTER NR 140.1 WISCONSIN ADMINISTRATIVE CODE
BRIE: 1/28/89 SAMPLING EVENT WAS PERFORMED BY AES CONSULTANTS, LTD. 5/11/89 SAMPLING EVENT WAS PERFORMED BY HANDEX ENVIRONMENTAL.	

DRAWN BY:	M. SMITH	FIGURE 4
CHECKED BY:	-	
SCALE:	1" = 30'	
DATE:	7/19/99	
DRAWING FILE:	116685	



LATHROP AVENUE

DURAND AVENUE (STATE HIGHWAY 11)

GROUNDWATER FLOW DIRECTION FOR 1/28/89 SAMPLING EVENT AS PER AES CONSULTANTS, LTD.

MW-26	1/28/89	<0.25	<0.38	<0.32	<1.04	<0.21	<0.70
MW-2R							

MW-46	1/28/89	<0.25	<0.38	<0.32	<1.04	<0.21	<0.70
MW-45	5/11/89	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51

MW-6	5/11/89	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
-------------	---------	-------	-------	-------	-------	-------	-------

MW-7	1/28/89	NS					
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MW-2	5/11/89	7.8	6.2	4.9	6.0	6.0	
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MW-3	5/11/89	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
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MW-33	1/28/89	<0.25	<0.38	<0.32	<1.04	<0.21	<0.70
MW-35							

MW-5	5/11/89	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
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MW-1	5/11/89	1.8	1.2	0.70	2.5		
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MW-4	5/11/89	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
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MW-7	5/11/89	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
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MW-10	5/11/89	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51
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Handex
OF WISCONSIN
16940 VICTOR ROAD
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MOBIL OIL CORPORATION
Marketing & Refining Division - U.S.
Marketing Operations Department
Environmental Engineering Group
Fairfax, Virginia 22037

GROUNDWATER ANALYTICAL RESULTS MAP
(5/11/89)
MOBIL SERVICE STATION # 05-KTS
3818 DURAND AVENUE
RACINE, RACINE COUNTY, WISCONSIN

MSCA1