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02 13 2001

Site Name Gustafson Oil DNR-WL

Site Address _____

BRRTS # 02-37-000507 Date of Closure Decision 2/18/99

Closure letter(s)

Groundwater Use Restriction/Warranty Deed

Yes/No Off-site contamination present? (Include related documents)

Yes/No Right-of-way contamination present? (Include related documents)

General location map

_____ GPS x-coordinate

_____ GPS y-coordinate

Detailed site map(s)

Groundwater flow map(s)

Latest map(s) showing extent or outline of plume

Latest table(s) of analytical results (soil results included only if soil deed restriction is incorporated into groundwater use restriction document)

If available:

Legal description

291.4.2807.011.0922 SENE County and Parcel I.D./Tax Parcel No.

Geologic cross sections

_____ Isoconcentrations map(s)



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott A. Humrickhouse, Regional Director

Wausau Office
5301 Rib Mountain Drive
Wausau, Wisconsin 54401
Telephone 715-359-4522
FAX 715-355-5253

February 26, 1999

BRRTS #02-37-000507

MR GREG SCHRAB
KOCH REFINING COMPANY
PO BOX 64596
ST PAUL, MN 55164-0596

FILE COPY

Subject: Case Closure, Former Gustafson Oil Site, Wausau, Wisconsin

Dear Mr. Schrab:

In September, 1994, the Department of Natural Resources was notified of contamination on the former Gustafson Oil (Krause Holtz Real Estate Development, Inc.) property. At that time the Department required the site to be investigated. We have since been informed that the required investigation and remediation has been accomplished. On February 18, 1999, the site was reviewed by the West Central Regional Close Out Committee for a determination as to whether or not the case qualified for close out under ch. NR 726, Wis. Adm. Code.

Based on the investigative and remedial documentation provided to the Department, there is soil and groundwater contamination remaining at the site. The contaminated soil is located at a depth of 15 to 30 feet below ground surface and is above the NR 720 generic residual contaminant levels. The groundwater contamination is above the NR 140 groundwater standards. The groundwater contaminant plume appears to be stable and there is evidence that natural attenuation is remediating the groundwater contamination. Closure under NR 726.05(2)(b), Wis. Adm. Code has been requested and the closure committee has approved this closure for only the areas that have been investigated with the following conditions:

Contaminated soils at depth remain on the property. If these soils are exposed, they must be handled and disposed of properly.

A groundwater use restriction which meets the requirements of NR 726.05(8)(am), Wis. Adm. Code, must be provided to the Department for approval. Upon approval from the Department, the restriction must be registered with the County Registrar of Deeds within 30 days. Once the Department has received documentation that the restriction has been recorded and all other conditions for closure have been met, the case will be considered closed.

*Quality Natural Resources Management
Through Excellent Customer Service*



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The Department requires that the monitoring wells that were installed during the investigation and remedial activities be properly abandoned in accordance with Administrative Code NR 141.25. Documentation substantiating proper abandonment (Form 3300-5W) should be forwarded to me at the above address. If any of the monitoring wells are going to be used for the adjoining sites, please provide the identification of those wells and parties that will be using the wells.

I have included a copy of a model groundwater use restriction for your use.

The case may be reopened pursuant to s. NR 726.05(2)(b)2-5 or NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that natural attenuation is no longer an effective remedial action; or if contamination on the site poses a threat to public health, safety, or welfare of the environment.

If you have additional relevant information which was not formerly provided to the Department, and which you feel would significantly impact the Department's closure decision, you may submit that information for our re-evaluation of case closure. The Department appreciates the actions you have undertaken to restore the environment. If you have any questions, please feel free to call me at (715) 359-6514.

Sincerely,

Lisa Gutknecht
Remediation & Redevelopment Program

Enclosure

c: Bill Evans, Eau Claire
Wendy Anderson, Eau Claire
Tom Degen, Earth Tech (formerly RUST)

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that the restrictions set forth in this covenant are no longer required. Upon receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this groundwater use restriction is no longer binding.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 4 day of May, 1999.

Signature: *Tom Krause* Pres.
Printed Name: Tom G Krause

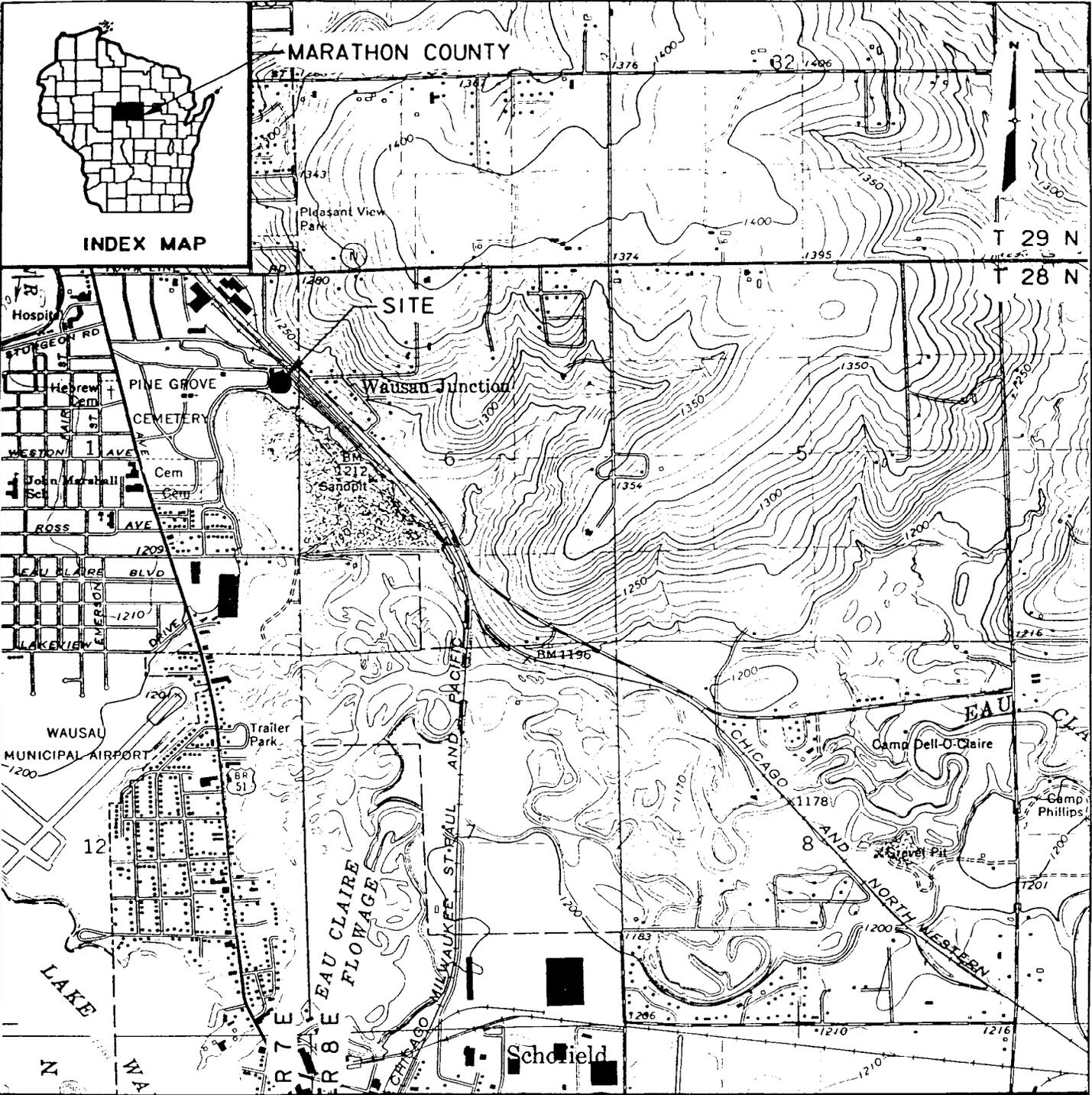
Subscribed and sworn to before me
this 4 day of May, 1999
Nicolle R. Spafford
Notary Public, State of WI
My commission 12-1-2002

This document was drafted by the Wisconsin Department of Natural Resources.

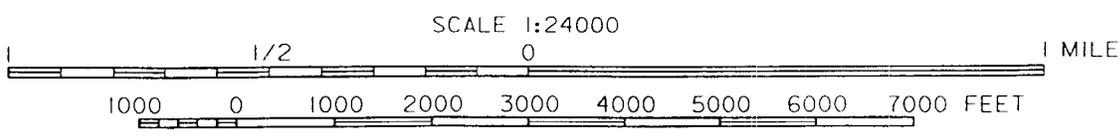
The SE $\frac{1}{4}$ of the NE $\frac{1}{4}$, Section 1 Township 28 North, Range 7 East and a part of the South $\frac{1}{2}$ of the NW fractional $\frac{1}{4}$ Section 6, Township 28 North, Range 8 East, all in the City of Wausau, Marathon County, Wisconsin, described as follows: Commencing at the East $\frac{1}{4}$ corner of said Section 1; then N0°00'E, 645.22 feet to the point of beginning; thence N80°01'W, 335.07 feet; thence N0°08'E, 185.00 feet; thence N89°53'E, 60.00 feet; thence N0°00'E, 256.92 feet to the southerly right of way line of the Chicago and Northwestern Railway; thence S52°54'E, along said railway right of way line, 326.50 feet; thence continuing along the same said railway right of way line on the following five described courses, thence S38°12'W, 14.05 feet; thence S52°17'E, 226.21 feet; thence along the arc of a curve to the right, whose chord bears S48°41'E, 102.05 feet; thence S48°22'E, 166.52 feet; thence S44°36'E, 816.41 feet to the southerly line of the NW fractional $\frac{1}{4}$ of said Section 6; thence S87°35'W, along said southerly $\frac{1}{4}$ line, 323.89 feet; thence N44°36'W, 870.19 feet to the point of beginning.

1177818
KRAUSE-HOLTZ & KRAUSE

USFWS/GB140237/gr2/fig2-1.dgn Sep. 19, 1996 16:41:48



SOURCE: USGS 7.5 MINUTE QUADRANGLE, WAUSAU EAST, WISCONSIN, 1963



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

RUST ENVIRONMENT & INFRASTRUCTURE

FIGURE 2-1
LOCATION MAP
FORMER GUSTAFSON OIL SITE
KOCH REFINING COMPANY
WAUSAU, WISCONSIN

C:\cadd\140237\GRAV\FIG-2.dgn Feb. 05, 1997 13:42:24

JUNCTION ST.

NORTHWEST AVE.

UNION PACIFIC RAILROAD OFFICE

UNION PACIFIC RAILROAD



SCALE 0' 30' 60'

MW-3

MW-1

MW-12

LEGEND
MW-2 EXISTING MONITORING WELL

FORMER 1,000 GALLON UNDERGROUND STORAGE TANK

MW-8

U.P. SHED

MW-11

STORAGE SHED

MW-2

FORMER PUMP HOUSE

MW-5 (10) (11) (12)

APPROXIMATE LOCATION OF PROPERTY LINE

MW-7

(13)

FORMER TANKS (TYP. 1 2 3 4)

MW-3R (5) (6)

FORMER 17,000 GALLON UNDERGROUND STORAGE TANK

MW-10

MW-6

MW-9

APPROXIMATE LOCATION OF FORMER FUEL TRUCK FILLING AREAS

TOE OF LANDFILL

RUST ENVIRONMENT & INFRASTRUCTURE

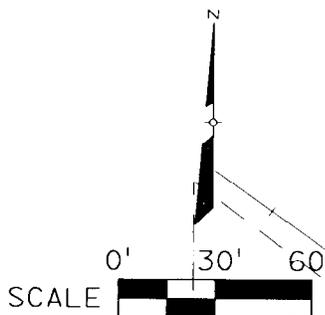
FIGURE 2-2
SITE PLAN
FORMER GUSTAFSON OIL SITE
KOCH REFINING COMPANY
WAUSAU, WISCONSIN

L:\work\cadd\140237\GRA\Figure1a.d Jul 06 1998 11:36:24

JUNCTION ST.

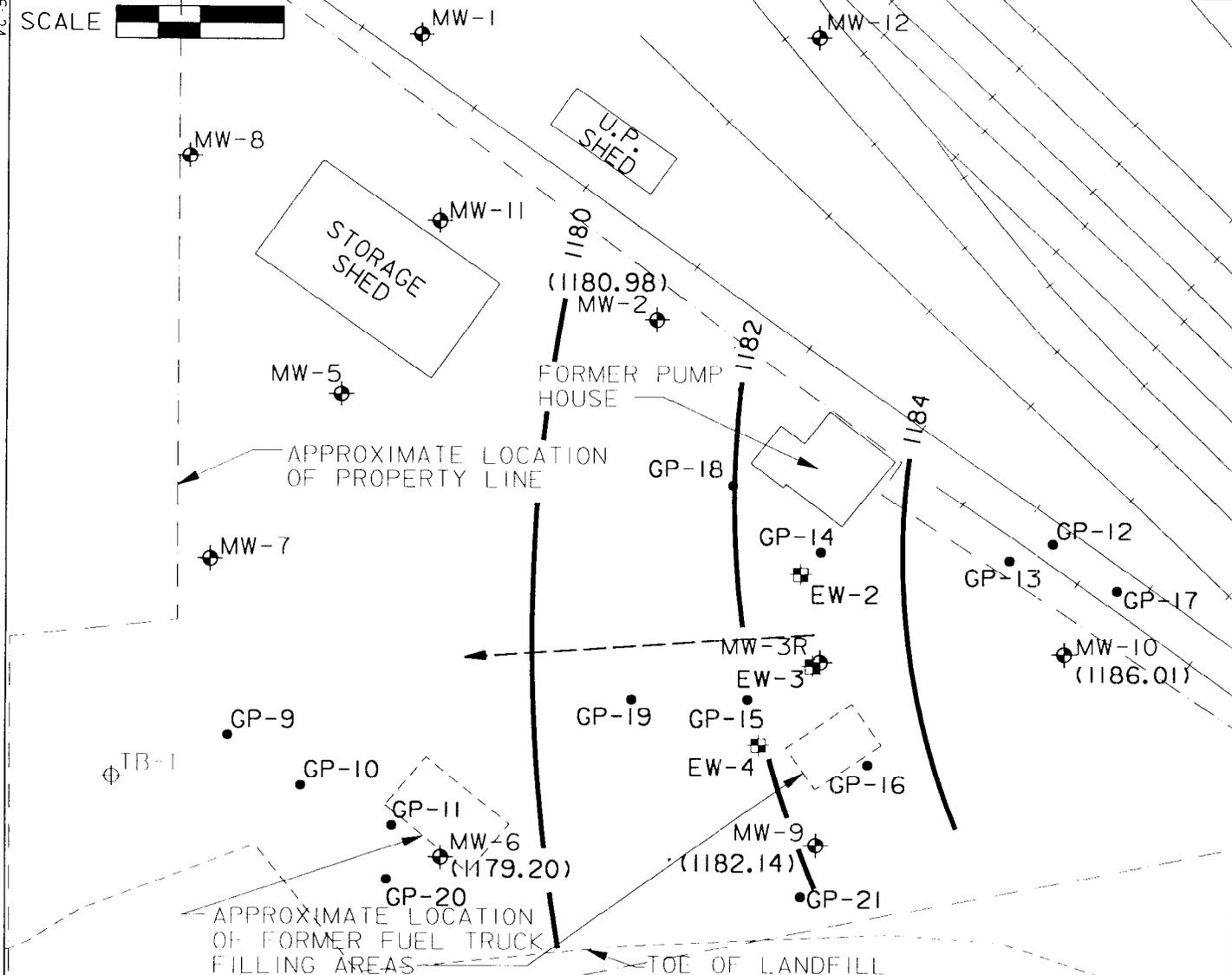
NORTHWEST

UNION PACIFIC
RAIL ROAD
OFFICE



LEGEND

- MW-12 EXISTING MONITORING WELL
- TB-1 EXISTING TEST BORING
- GP-9 RUST GEOPROBE BORING
- EW-2 EXTRACTION WELLS
- 1180 GROUNDWATER TABLE ELEVATION CONTOUR (5/27/98)
- (1179.19) GROUNDWATER ELEVATION (FEET MSL)
- APPARENT FLOW DIRECTION



RUST ENVIRONMENT & INFRASTRUCTURE

FIGURE I
GROUNDWATER TABLE ELEVATION MAP
MAY 27, 1998
FORMER GUSTAFSON OIL SITE
KOCH REFINING COMPANY
WAUSAU, WISCONSIN

TABLE 3
GROUNDWATER SAMPLE ANALYTICAL RESULTS
FORMER GUSTAFSON OIL SITE
KOCH REFINING COMPANY
WAUSAU, WISCONSIN

Sample Location:		Sample Location:		MW-2											MW-3R				
Date:		Date:		5/94	12/95	1/96	4/96	7/96	10/30/97	02/06/97	05/27/97	08/22/97	11/25/97	05/27/98	06/96	08/30/96	10/30/96		
Consultant:		Consultant:		BMWCI						Rust					STS		Rurt		
Analyte	ES	Analyte	ES																
DRO (ug/l)		DRO (ug/l)		BDL	BDL	BDL	130	121	<100	130	<100	500	<27	330	5,260,000	--	--		
PVOCs (ug/l)		PVOCs (ug/l)																	
Benzene	5	Benzene	5	BDL	BDL	BDL	BDL	BDL	<0.6	<0.2	<0.41	<0.16	<0.20	<0.26	0.78	--	--		
Ethylbenzene	700	Ethylbenzene	700	BDL	BDL	BDL	BDL	BDL	<1	<0.3	<0.23	<0.29	<0.30	<0.24	16.5	--	--		
Methyl-tert-butyl ether	60	Methyl-tert-butyl ether	60	BDL	BDL	BDL	BDL	BDL	<1	<0.2	<0.53	<0.20	<0.20	<0.22	--	--	--		
Toluene	343	Toluene	343	BDL	BDL	BDL	BDL	BDL	<1	<0.4	<0.28	<0.36	<0.20	<0.21	0.89	--	--		
1,2,4-trimethylbenzene		1,2,4-trimethylbenzene		1.2	BDL	BDL	BDL	BDL	<1	<0.3	<0.30	<0.30	<0.30	<0.86	25.4	--	--		
1,3,5-trimethylbenzene		1,3,5-trimethylbenzene		BDL	BDL	BDL	BDL	BDL	<1	<0.3	<0.25	<0.34	<0.30	<0.54	4.56	--	--		
Xylenes	620	Xylenes	620	BDL	BDL	BDL	BDL	BDL	<1	<0.9	<0.79	<1.15	<0.90	<1.34	11.104	--	--		
PAHs (ug/l)		PAHs (ug/l)																	
Acenaphthene		Acenaphthene		BDL	BDL	BDL	BDL	BDL	<0.6	<0.5					--	--	--		
Acenaphthylene		Acenaphthylene		BDL	BDL	BDL	BDL	BDL	<1.2	<0.5					--	--	--		
Anthracene		Anthracene		BDL	BDL	BDL	BDL	BDL	<0.02	<0.02					--	--	--		
Benzo(a)anthracene		Benzo(a)anthracene		BDL	BDL	BDL	BDL	BDL	<0.03	<0.01					--	--	--		
Benzo(a)pyrene	0.2	Benzo(a)pyrene	0.2	BDL	BDL	BDL	BDL	BDL	<0.02	<0.01					--	--	--		
Benzo(b)fluoranthene		Benzo(b)fluoranthene		BDL	BDL	BDL	BDL	BDL	<0.02	<0.01					--	--	--		
Benzo(ghi)perylene		Benzo(ghi)perylene		BDL	BDL	BDL	BDL	BDL	<0.04	<0.01					--	--	--		
Benzo(k)fluoranthene		Benzo(k)fluoranthene		BDL	BDL	BDL	BDL	BDL	<0.02	<0.01					--	--	--		
Chrysene		Chrysene		BDL	BDL	BDL	BDL	BDL	<0.03	<0.01					--	--	--		
Dibenzo(ah)anthracene		Dibenzo(ah)anthracene		BDL	BDL	BDL	BDL	BDL	<0.02	<0.01					--	--	--		
Fluoranthene		Fluoranthene		BDL	BDL	BDL	BDL	BDL	<0.02	<0.01					--	--	--		
Fluorene	400	Fluorene	400	BDL	BDL	BDL	BDL	BDL	<0.12	<0.06					--	--	--		
Indeno(1,2,3,cd)pyrene		Indeno(1,2,3,cd)pyrene		BDL	BDL	BDL	BDL	BDL	<0.02	<0.01					--	--	--		
1-Methylnaphthalene		1-Methylnaphthalene		BDL	BDL	BDL	BDL	BDL	<0.6	<0.4					--	--	--		
2-Methylnaphthalene		2-Methylnaphthalene		BDL	BDL	BDL	BDL	BDL	<0.6	<0.4					--	--	--		
Naphthalene	40	Naphthalene	40	BDL	BDL	BDL	BDL	BDL	<0.6	<0.5					6.91	--	--		
Phenanthrene		Phenanthrene		BDL	BDL	BDL	BDL	BDL	<0.12	<0.05					--	--	--		
Pyrene		Pyrene		BDL	BDL	BDL	BDL	BDL	<0.12	<0.01					--	--	--		
Manganese (mg/l)	0.05	Manganese (mg/l)	0.05							5.6	--				0.981	1.2	5.3		
Nitrate (mg/l)	10	Nitrate (mg/l)	10							1.7	--				0.192	0.074	<0.050		
Sulfate (mg/l)	250	Sulfate (mg/l)	250							38	--				27	24	13		
Dissolved Oxygen (mg/l)		Dissolved Oxygen (mg/l)								12.4	--				--	1.17	4.89		
ORP (MV)		ORP (MV)								79	--				--	-61	28		
Ferrous Iron (mg/l)		Ferrous Iron (mg/l)								0	--				--	--	--		
Total Iron (mg/l)		Total Iron (mg/l)								--	--				--	--	--		

- Notes: 1. BDL - Below Detection Limit 1. BDL - Below Detection Limit
2. ES - Enforcement Standard as listed in 2. ES - Enforcement Standard as listed in Chapter NR 140, Wisconsin Administrative Code.
4. Shading indicates exceedance of ES 4. Shading indicates exceedance of ES

TABLE 3 (CONT.)

**GROUNDWATER ANALYTICAL RESULTS
FORMER GUSTAFSON OIL SITE
KOCH REFINING COMPANY
WAUSAU, WISCONSIN**

Sample Location:		MW-6								
Date:		12/95	1/96	4/96	7/96	08/30/96	05/27/97	08/22/97	11/25/97	05/27/98
Consultant:		BMWCI				Rust				
Analyte	ES									
DRO (ug/l)		BDL	BDL	750	688	BDL	1,500	320	48	1,200
PVOCs (ug/l)										
Benzene	5		BDL	BDL	BDL	BDL	<0.41	<0.16	<0.20	<0.26
Ethylbenzene	700	BDL	BDL	BDL	BDL	BDL	<0.23	<0.29	<0.30	<0.24
Methyl-tert-butyl ether	60	BDL	BDL	BDL	BDL	BDL	<0.53	<0.20	<0.20	<0.22
Toluene	343	BDL	BDL	BDL	BDL	BDL	<0.28	<0.36	<0.20	<0.21
1,2,4-trimethylbenzene		BDL	BDL	BDL	BDL	BDL	<0.30	<0.30	<0.30	<0.86
1,3,5-trimethylbenzene		BDL	BDL	BDL	BDL	BDL	<0.25	<0.34	<0.30	<0.54
Xylenes	620	BDL	BDL	BDL	BDL	BDL	<0.79	<1.15	<0.90	<1.34
PAHs (ug/l)										
Acenaphthene		BDL	BDL	BDL	BDL	BDL				
Acenaphthylene		BDL	BDL	BDL	BDL	BDL				
Anthracene		BDL	BDL	BDL	BDL	BDL				
Benzo(a)anthracene		BDL	BDL	BDL	BDL	BDL				
Benzo(a)pyrene	0.2	BDL	BDL	BDL	BDL	BDL				
Benzo(b)fluoranthene		BDL	BDL	BDL	BDL	BDL				
Benzo(ghi)perylene		BDL	BDL	BDL	BDL	BDL				
Benzo(k)fluoranthene		BDL	BDL	BDL	BDL	BDL				
Chrysene		BDL	BDL	BDL	BDL	BDL				
Dibenzo(ah)anthracene		BDL	BDL	BDL	BDL	BDL				
Fluoranthene		BDL	BDL	BDL	BDL	BDL				
Fluorene	400	BDL	BDL	BDL	BDL	BDL				
Indeno(1,2,3,cd)pyrene		BDL	BDL	BDL	BDL	BDL				
1-Methylnaphthalene		BDL	BDL	0.05	BDL	BDL				
2-Methylnaphthalene		BDL	BDL	0.088	BDL	BDL				
Naphthalene	40	BDL	BDL	0.218	BDL	BDL				
Phenanthrene		BDL	BDL	BDL	BDL	BDL				
Pyrene		BDL	BDL	BDL	BDL	BDL				
Manganese (mg/l)	0.05	--	--	--	--	2.9				
Nitrate (mg/l)	10	--	--	--	--	3.4				
Sulfate (mg/l)	250	--	--	--	--	34				
Dissolved Oxygen (mg/l)		--	--	--	--	7.2				
ORP (MV)		--	--	--	--	228				
Ferrous Iron (mg/l)		--	--	--	--	0				
Total Iron (mg/l)		--	--	--	--	0.01				

Notes:

1. BDL - Below Detection Limit
2. ES - Enforcement Standard as listed in
4. Shading indicates exceedance of ES

TABLE 3 (CONT.)
GROUNDWATER ANALYTICAL RESULTS
FORMER GUSTAFSON OIL SITE
KOCH REFINING COMPANY
WAUSAU, WISCONSIN

Sample Location:		MW-9														
Date:		12/95	1/96	4/96	7/96	08/30/96	10/30/96	02/06/97	02/06/97	05/27/97	05/27/97	08/22/97	08/22/97	11/25/97	11/25/97	05/27/98
Consultant:		BMWCI					Rust									
Analyte	ES						Duplicate	Duplicate					Duplicate	Duplicate		
DRO (ug/l)		BDL	BDL	310	700	BDL	230	<100	<100	210	120	480	140	<28	<27	110
PVOCs (ug/l)																
Benzene	5	BDL	BDL	BDL	BDL	BDL	<0.6	<0.2	<0.2	<0.41	<0.41	<0.16	<0.16	<0.20	<0.20	<0.26
Ethylbenzene	700	BDL	BDL	BDL	BDL	BDL	<1	<0.3	<0.3	<0.23	<0.23	<0.29	<0.29	<0.30	<0.30	<0.24
Methyl-tert-butyl ether	60	BDL	BDL	BDL	BDL	BDL	<1	<0.2	<0.2	<0.53	<0.53	<0.20	<0.20	<0.20	<0.20	<0.22
Toluene	343	BDL	BDL	BDL	BDL	BDL	<1	<0.4	<0.4	<0.28	<0.28	<0.36	<0.36	<0.20	<0.20	<0.21
1,2,4-trimethylbenzene		BDL	BDL	BDL	BDL	BDL	<1	<0.3	<0.3	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.86
1,3,5-trimethylbenzene		BDL	BDL	BDL	BDL	BDL	<1	<0.3	<0.3	<0.25	<0.25	<0.34	<0.34	<0.30	<0.30	<0.54
Xylenes	620	BDL	BDL	BDL	BDL	BDL	<1	<0.9	<0.9	<0.79	<0.79	<1.15	<1.15	<0.90	<0.90	<1.34
PAHs (ug/l)																
Acenaphthene		BDL	BDL	BDL	BDL	BDL	<0.6	<0.5	<0.5							
Acenaphthylene		BDL	BDL	BDL	BDL	BDL	<1.3	<0.5	<0.5							
Anthracene		BDL	BDL	BDL	BDL	BDL	<0.03	<0.02	<0.02							
Benzo(a)anthracene		BDL	BDL	BDL	BDL	BDL	<0.03	<0.01	<0.01							
Benzo(a)pyrene	0.2	BDL	BDL	BDL	BDL	BDL	<0.03	<0.01	<0.01							
Benzo(b)fluoranthene		BDL	BDL	BDL	BDL	BDL	<0.03	<0.01	<0.01							
Benzo(ghi)perylene		BDL	BDL	BDL	BDL	BDL	<0.04	<0.01	<0.01							
Benzo(k)fluoranthene		BDL	BDL	BDL	BDL	BDL	<0.03	<0.01	<0.01							
Chrysene		BDL	BDL	BDL	BDL	BDL	<0.03	<0.01	<0.01							
Dibenzo(ah)anthracene		BDL	BDL	BDL	BDL	BDL	<0.03	<0.01	<0.01							
Fluoranthene		BDL	BDL	BDL	BDL	BDL	<0.03	<0.01	<0.01							
Fluorene	400	BDL	BDL	BDL	BDL	BDL	<0.13	<0.06	<0.06							
Indeno(1,2,3,cd)pyrene		BDL	BDL	BDL	BDL	BDL	<0.13	<0.01	<0.01							
1-Methylnaphthalene		BDL	BDL	0.023	0.022	BDL	<0.6	<0.4	<0.4							
2-Methylnaphthalene		BDL	BDL	0.023	0.026	BDL	<0.6	<0.4	<0.4							
Naphthalene	40	BDL	BDL	BDL	BDL	BDL	<0.6	<0.5	<0.5							
Phenanthrene		BDL	BDL	BDL	BDL	BDL	<0.13	<0.05	<0.05							
Pyrene		BDL	BDL	BDL	BDL	BDL	<0.13	<0.01	<0.01							
Manganese (mg/l)	0.05	--	--	--	--	5.7	2.4	--	--							
Nitrate (mg/l)	10	--	--	--	--	2.2	0.71	--	--							
Sulfate (mg/l)	250	--	--	--	--	32	21	--	--							
Dissolved Oxygen (mg/l)		--	--	--	--	5.4	6.54	--	--							
ORP (MV)		--	--	--	--	240	126	--	--							
Ferrous Iron (mg/l)		--	--	--	--	0	0.03	--	--							
Total Iron (mg/l)		--	--	--	--	0.03	--	--	--							

Notes:

- 1 BDL - Below Detection Limit
- 2 ES - Enforcement Standard as listed in
- 4 Shading indicates exceedance of ES.

TABLE 3 (CONT.)

**GROUNDWATER SAMPLE ANALYTICAL RESULTS
FORMER GUSTAFSON OIL SITE
KOCH REFINING COMPANY
WAUSAU, WISCONSIN**

Sample Location:		MW-10									MW-12			EW-4		
		Date:	7/96	08/30/96	10/30/96	10/30/96	02/06/97	05/27/97	08/22/97	11/25/97	05/27/98	4/96	7/96	08/30/96	05/27/98	Duplicate
Analyte	Consultant:	ES	BMWCI	Rust							BMWCI		Rust			
	DRO (ug/l)			BDL	BDL	3,700	2,800	810	630	530	<270	590	BDL	BDL	BDL	
PVOCs (ug/l)																
Benzene	5		BDL	BDL	<0.6	<0.6	<0.2	<0.41	<0.16	<0.20	<0.26	BDL	BDL	BDL	<0.26	<0.26
Ethylbenzene	700		BDL	BDL	<1	<1	<0.3	<0.23	<0.29	<0.30	<0.24	BDL	BDL	BDL	<0.24	<0.24
Methyl-tert-butyl ether	60		BDL	BDL	<1	<1	<0.2	<0.53	<0.20	<0.20	<0.22	BDL	BDL	BDL	<0.22	<0.22
Toluene	343		BDL	BDL	<1	<1	<0.4	<0.28	<0.36	<0.20	<0.21	BDL	BDL	BDL	<0.21	<0.21
1,2,4-trimethylbenzene			BDL	BDL	<1	<1	<0.3	<0.30	<0.30	<0.30	<0.86	BDL	BDL	BDL	<0.86	<0.86
1,3,5-trimethylbenzene			BDL	BDL	<1	<1	<0.3	<0.25	<0.34	<0.30	<0.54	BDL	BDL	BDL	<0.54	<0.54
Xylenes	620		BDL	BDL	<1	<1	<0.9	<0.79	<1.15	<0.90	<1.34	BDL	BDL	BDL	<1.34	<1.34
PAHs (ug/l)																
Acenaphthene			BDL	BDL	<0.6	<0.7	<5.1					BDL	BDL	BDL		
Acenaphthylene			BDL	BDL	<1.2	<1.4	<4.6					BDL	BDL	BDL		
Anthracene			BDL	BDL	<0.02	<0.03	<0.19					0.66	BDL	BDL		
Benzo(a)anthracene			BDL	BDL	<0.03	<0.03	<0.11					0.013	BDL	BDL		
Benzo(a)pyrene	0.2		BDL	BDL	<0.47	<0.54	<0.11					0.007	BDL	BDL		
Benzo(b)fluoranthene			BDL	BDL	<0.47	<0.54	<0.10					BDL	BDL	BDL		
Benzo(ghi)perylene			BDL	BDL	<3.53	<4.05	<0.55					BDL	BDL	BDL		
Benzo(k)fluoranthene			BDL	BDL	<0.47	<0.54	<0.08					BDL	BDL	BDL		
Chrysene			BDL	BDL	<0.03	<0.03	<0.13					BDL	BDL	BDL		
Dibenzo(ah)anthracene			BDL	BDL	<2.35	<2.70	<0.60					BDL	BDL	BDL		
Fluoranthene			BDL	BDL	<0.02	<0.03	<0.11					BDL	BDL	BDL		
Fluorene	400		BDL	BDL	<0.12	<0.14	<0.61					BDL	BDL	BDL		
Indeno(1,2,3,cd)pyrene			BDL	BDL	<2.35	<2.70	<0.60					BDL	BDL	BDL		
1-Methylnaphthalene			0.011	BDL	<0.6	<0.7	<4.5					0.038	BDL	BDL		
2-Methylnaphthalene			BDL	BDL	<0.6	<0.7	<4.2					0.059	BDL	BDL		
Naphthalene	40		BDL	BDL	<0.6	<0.7	<4.8					0.042	BDL	BDL		
Phenanthrene			BDL	BDL	<0.12	<0.14	<0.50					BDL	BDL	BDL		
Pyrene			BDL	BDL	<0.12	<0.14	<0.10					BDL	BDL	BDL		
Manganese (mg/l)	0.05		--	2.8	1	--	--					--	--	4.1		
Nitrate (mg/l)	10		--	2.1	3.3	--	--					--	--	1.9		
Sulfate (mg/l)	250		--	22	34	--	--					--	--	25		
Dissolved Oxygen (mg/l)			--	5.5	7.95	--	--					--	--	8.5		
ORP (MV)			--	229	137	--	--					--	--	222		
Ferrous Iron (mg/l)			--	0	0.08	--	--					--	--	0		
Total Iron (mg/l)			--	0.01	--	--	--					--	--	0.01		

Notes:

1. BDL - Below Detection Limit
2. ES - Enforcement Standard as listed in
4. Shading indicates exceedance of ES.

TABLE 4
SEPARATE PHASE HYDROCARBON RECOVERY - MW-3R
FORMER GUSTAFSON OIL SITE
KOCH REFINING COMPANY
WAUSAU, WISCONSIN

Date	Approximate Volume of SPH Recovered (liters)	Approximate Volume of Water Recovered (liters)	Approximate Thickness of Product Before Bailing (inches)	Method of Thickness Measurement*
08/28/96	3.0	8.0	42.00	ORP Oil/Water Interface Probe
09/06/96	1.0	1.0	9.00	Bailer Method
09/30/96	5.5	11.5	*	*
10/02/96	2.8	7.5	30.00	Bailer Method
10/04/96	0.5	4.0	7.00	Bailer Method
10/08/96	0.3	4.0	3.00	Bailer Method
10/16/96	0.3	4.0	3.00	Bailer Method
10/30/96	5.7	7.5	18.00	Bailer Method
11/22/96	2.8	4.7	10.00	Bailer Method
11/26/96	0.3	4.0	3.00	Bailer Method
12/12/96	0.1	13.2	1.00	Bailer Method
12/17/96	0.1	11.3	0.50	Bailer Method
12/26/96	0.2	22.7	1.50	Bailer Method
01/03/97	0.2	20.8	<1.0	Bailer Method
01/09/97	0.1	18.9	1.00	Bailer Method
01/28/97	0.3	22.7	1.50	Bailer Method
02/07/97	0.0	9.5	0.03	Bailer Method
02/12/97	0.1	13.2	0.50	Bailer Method
02/19/97	0.1	18.9	1.50	Bailer Method
03/05/97	0.1	24.6	1.00	Bailer Method
05/27/97	1.9	22.7	18.00	Bailer Method
06/06/97	3.0	19.7	10.00	Bailer Method
07/02/97	1.5	11.4	12.00	Bailer Method
08/22/97	0.5	18.9	18.00	Bailer Method
09/26/97	0.2	9.5	1.00	Bailer Method

TABLE 4 (cont.)

Date	Approximate Volume of SPH Recovered (liters)	Approximate Volume of Water Recovered (liters)	Approximate Thickness of Product Before Bailing (inches)	Method of Thickness Measurement*
10/03/97	0.03	18.9	0.25	Bailer Method
10/10/97	0.02	18.9	0.13	Bailer Method
10/17/97	0.05	15.1	0.12	Bailer Method
10/24/97	0.02	15.1	0.06	Bailer Method
11/07/97	0.02	11.4	0.12	Bailer Method
04/29/98	0.10	19.0	0.12	Bailer Method
05/12/98	0.50	1.9	0.75	Bailer Method
05/20/98	0.75	9.5	0.50	Bailer Method
06/04/98	0.08	9.5	0.12	Bailer Method
06/11/98	0.02	7.5	0.12	Bailer Method
07/07/98	0.50	9.5	1.50	Product Probe with Product Paste
Total**	32.4	450.6		

Notes:

* Measurements were attempted using oil finding and water finding paste, but the high viscosity and color to the SPH obscured the pastes.

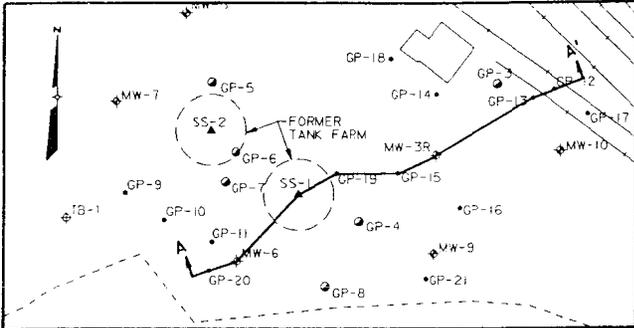
** Additional quantities may have been removed by the Krause Holtz Steering Group.

**TABLE 5
SEPARATE PHASE HYDROCARBON RECOVERY - EXTRACTION WELLS
FORMER GUSTAFSON OIL SITE
KOCH REFINING COMPANY
WAUSAU, WISCONSIN**

Well	Date	Approximate Volume of SPH Recovered (liters)	Approximate Volume of Water Recovered (liters)	Approximate Thickness of Product Before Bailing (inches)	Method of Thickness Measurement
EW-2	04/29/98	0.50	22.7	Unknown	
	05/12/98	0.50	5.7	0.25	Electronic Indicator
	05/20/98	0.50	7.6	0.25	Probe with Product Paste
	06/04/98	0.08	5.7	0.25	Probe with Product Paste
	06/11/98	0.03	3.8	<0.12	Probe with Product Paste
	07/07/98	0.15	3.8	Trace	Probe with Product Paste
EW-3	04/29/98	2.00	26.5	Unknown	
	05/12/98	1.50	5.7	0.25	Electronic Indicator
	05/20/98	1.50	11.4	1.25	Probe with Product Paste
	06/04/98	0.05	9.5	0.60	Probe with Product Paste
	06/11/98	0.06	5.7	0.12	Probe with Product Paste
	07/07/98	0	3.8	Trace	Probe with Product Paste
Total*		6.87	111.9		

Notes:

* Additional quantities may have been removed by the Krause Holtz Steering Group.



LEGEND

- MONITORING WELL
- SCREENED INTERVAL
- SOIL BORING

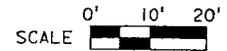
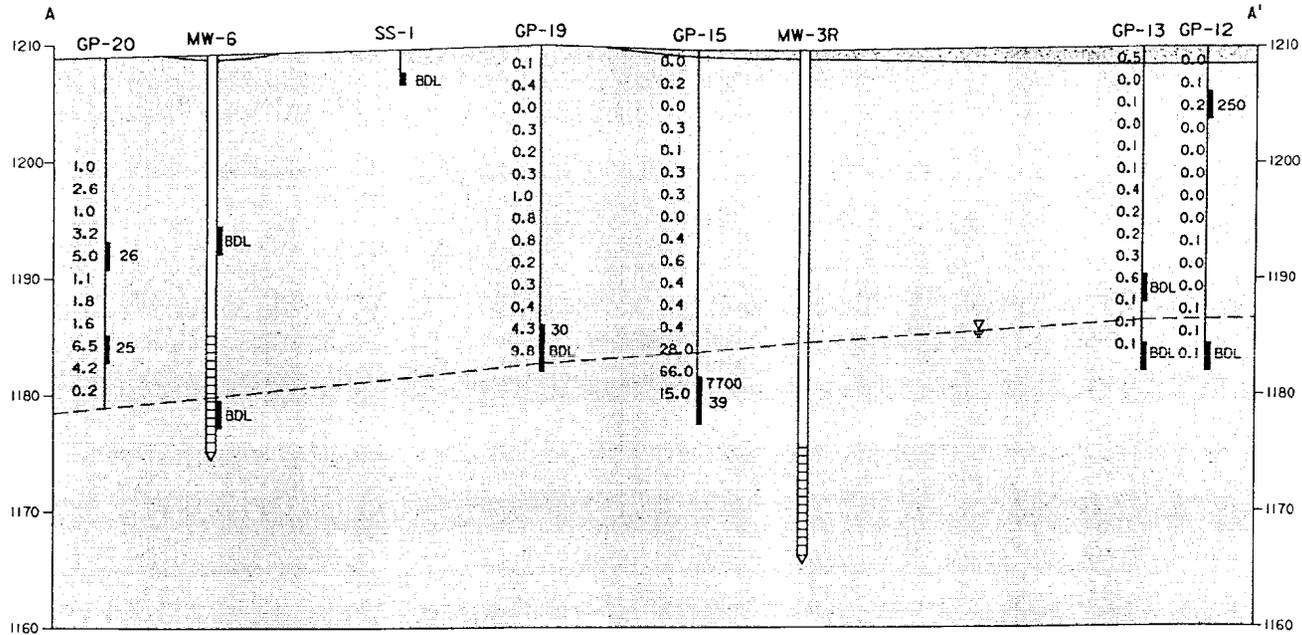


BROWN TO DARK BROWN POORLY GRADED SAND WITH GRAVEL
 LIGHT BROWN POORLY GRADED SAND

▽ WATER TABLE (8/29/96)

FID READING (PPM) 3.2
 5.0
 1.1
 26 DRO IN SOIL (MG/KG)

NOTE:
 WATER TABLE CONSTRUCTED USING
 GROUNDWATER TABLE ELEVATION MAP
 FIGURE 2-2 OF THIS REPORT.



DAI40237\GRA\XSEC.DGN

RUST ENVIRONMENT & INFRASTRUCTURE

FIGURE 6-1
 HYDROGEOLOGIC CROSS SECTION A-A'
 FORMER GUSTAFSON OIL SITE
 KOCH REFINING COMPANY
 WAUSAU, WISCONSIN