The following site is being submitted for inclusion into the GIS registry:

This is a:	New Submittal
BRRTS ID (no dashes):	**0359001012**
Comm # (no dashes):	54486999906
County:	Shawano
Region:	Commerce
Site name:	Kens Oil (Former)
Street Address:	106 US Hwy 45
City:	Tigerton
Closure Date	2000-07-25
Closure Conditions:	met
Offsite contamination?	No
Right-of-way contamination?	No
Contaminated media:	Groundwater
GPS Coordinates (meters in the **WTM91** projection)	
Easting (X):	595015.957413839
Northing (Y):	474269.580024742
Submitted by:	Cheryl Nelson

Checklist

- ☒ Final Closure Letter
- ☒ Copy of recorded deed Instrument for any property with GW >NR140 ES
- ☒ General Location Map
- ☒ Detailed Location Map showing property boundaries, buildings, etc for properties with GW >NR140 ES
- ☒ Latest Map(s) showing extent or outline of current GW plume
- ☒ GW flow direction
- ☒ MW(s) and/or potable wells
- ☒ Latest Table of GW results

ENVIRONMENTAL & REGULATORY SERVICES
2129 Jackson Street
Oshkosh, Wisconsin 54901
Fax: (920) 424-0217
TDD #: (608) 264-8777
www.commerce.state.wi.us
Tommy G. Thompson, Governor
Brenda J. Blanchard, Secretary

Wisconsin
Department of Commerce

June 8, 2000

RECEIVED
JUL 25 2000
ERS DIVISION

Mr. John Hanlon
P.O. Box 340
Tigerton Wi 54486

RE: **Commerce # 54486-9999-06**
Ken's Mobil (Former), 106 STH 45, Tigerton, WI

Case Closure (conditional upon receipt of documentation)

Dear Mr. Hanlon:

On April 20, 2000 the Wisconsin Department of Natural Resources transferred this site to the Wisconsin Department of Commerce for regulatory oversight. On behalf of the Wisconsin Department of Commerce, I am reviewing this case for closure.

Using the standards established in NR 700, and the risk criteria of Comm 46, the Department has determined that this site does not pose a significant threat to the environment and human health, and no further investigation or remedial action is necessary. In making this determination, I reviewed the following documents prepared by K.Singh & Associates, as well as other correspondence in the case file:

- *Original Tank Removal 11/6/91*, March 15, 1992
- *Phase II Environmental Assessment*, July 28, 1993
- *Remedial Investigation Work Plan*, May 12, 1994
- *Remedial Investigation Report & Interim Remedial Action Plan*, February 1, 1995
- *Interim Remedial Action Report*, October 22, 1997
- *Status Updates* dated January 19, 1998, January 26, 1998, April 6, 1998, September 4, 1998, December 3, 1998, May 27, 1999, September 24, 1999 and March 7, 2000
- *Case Summary and Closure Request*, March 30, 2000

If, in the future, site conditions indicate that any contamination that might remain poses a threat, the need for further remediation would be determined and required if necessary. If subsequent information indicates a need to reopen this case, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

IMPORTANT: we cannot list this case as "closed" on our computer database until we receive the following items.

- A notification must be placed on the property deed addressing residual soil and groundwater impacts. For case closure we will need a copy of the deed notification that contains the County Register of Deeds' recording information. Enclosed an example of a "Notice of Contamination to Property" for your use. If you wish to modify the language, submit a copy to this office for review prior to filing.

- Soil disposal documentation from Superior Cranberry Creek for the 4064 tons of contaminated soil.

- Documentation of the abandonment of monitoring wells MW-1R, 2, 3, 4, 5R, 6R, 7, 8 and RW-1. Please submit abandonment documentation to the Department at the letterhead address.

Thank you for your efforts in the protection of the environment. If you have any questions, please call me at (920) 424-0046.

Sincerely,

Dee Zoellner

Dee Zoellner
Hydrogeologist
PECFA Site Review Section

enclosure

cc: Dhruva Vangipuram – K. Singh (with enclosure)
electronic case file

534249

Document Number

NOTICE OF CONTAMINATION TO PROPERTY

VOL 946 PAGE 409

LD-2

REGISTERS OFFICE
SHAWANO COUNTY, WI SS
Received for Record this 19th
day of July A.D. 2000 at 2:45
o'clock P M. AND Recorded in Vol. 946
of Records Pages 409-410
Mawa Beyglin Register
REGISTERS OFFICE

Recording Area

Name and Return Address

Schroeder Oil Inc.
Ralph Schroeder President
P.O. Box 340
Tigerton, WI 54486

$12 pd
2:45 pm

Legal Description of the Property: In re:

(as it appears on the most recent deed)

Lot One(1), Vol. 5 Certified Survey Maps Page 122, as Doc. No. 487664, Map No. 1371; said Map being a part of the Northwest Quarter of the North~~west~~ East Quarter(NW¼of NE ¼ Section Sixteen (16), Township Twenty-~~six~~ six (26) North, Range Twelve (12) East, in the Village Of Tigerton, Shawano County, Wisconsin

Parcel Identification Number (PIN)

STATE OF WISCONSIN)
) ss
COUNTY OF)

Section 1. Ralph Schroeder is the owner of the above-described property.

Section 2. One or more petroleum discharges have occurred at this property. Petroleum contaminated groundwater above NR 140 enforcement standards and soils above NR 720 residual contaminant levels of the Wisconsin Administrative Code exists on this property.

Section 3. The owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitations and/or restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific prohibitions or requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

Residual petroleum contaminated soil remains on this site. It has been shown that these levels are protective of health and the environment. If this contaminated soil is excavated in the future, it may be considered a solid waste and will need to be disposed in accordance with all applicable laws.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Commerce, or its successor, issue a determination that the restrictions set forth in this covenant are no longer required. That property owner shall provide any and all necessary information to the Department in order for the Department to be

able to make a determination. Upon receipt of such a request, the Department shall determine whether or not the restrictions contained herein can be extinguished. Conditions under which a restriction may be extinguished will be determined in accordance with the site specific standards, rules and laws for this property. 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 restriction, or portions of this restriction are no longer binding. Any restriction placed upon this property shall not be extinguished without the Department's written determination.

IN WITNESS WHEREOF, the owner of the property has executed this document, this 19 day of July, 2000.

[When appropriate use the following clause]:

By signing this document, [he/~~she~~] acknowledges that [he/~~she~~] is duly authorized to sign this document on behalf of Ralph Schroeder.

Signature: Ralph Schroeder

Printed Name: Ralph Schroeder

Title: President, Owner

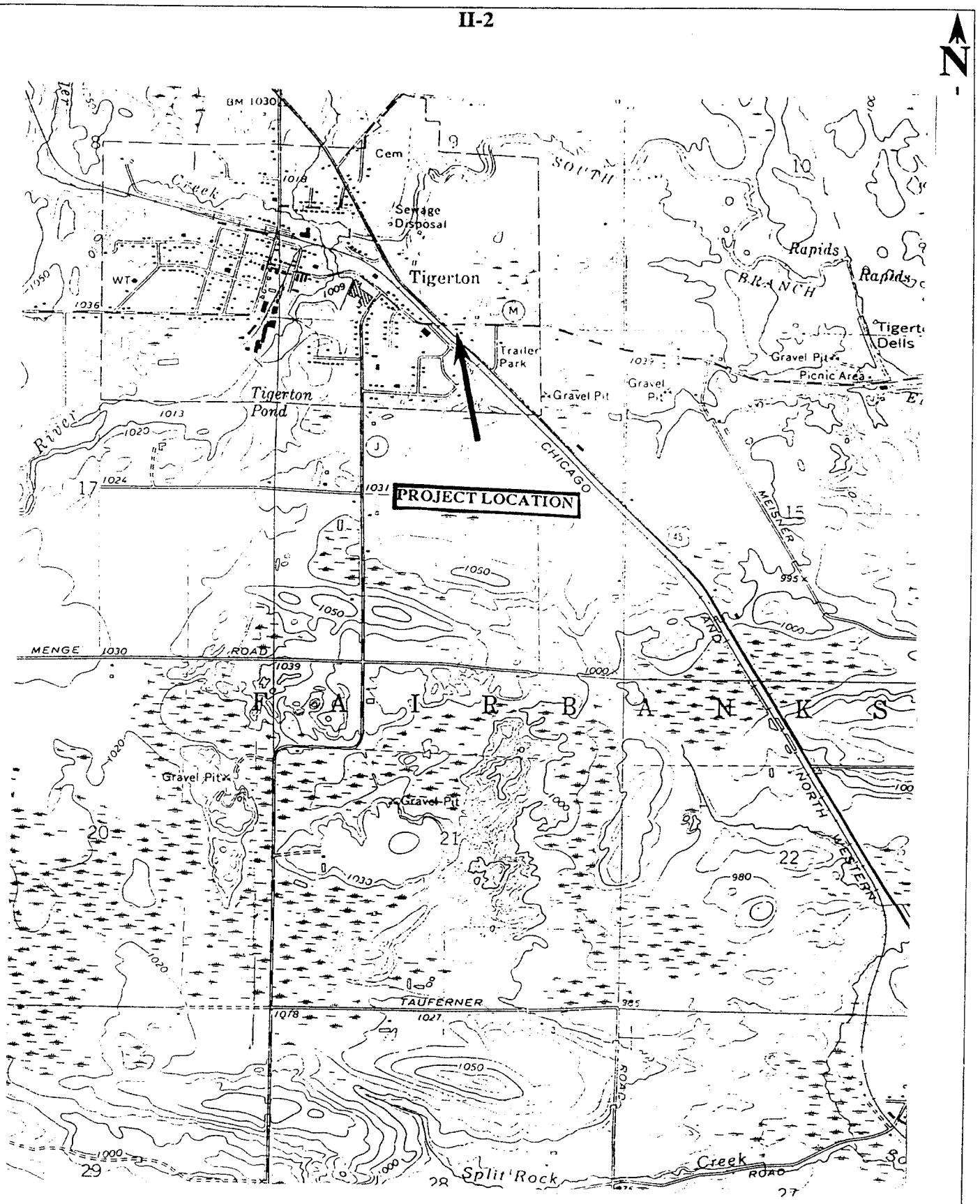
Subscribed and sworn to before me this 19 day of July, 2000.

Michael A. Ernst

Notary Public, State of Wisconsin

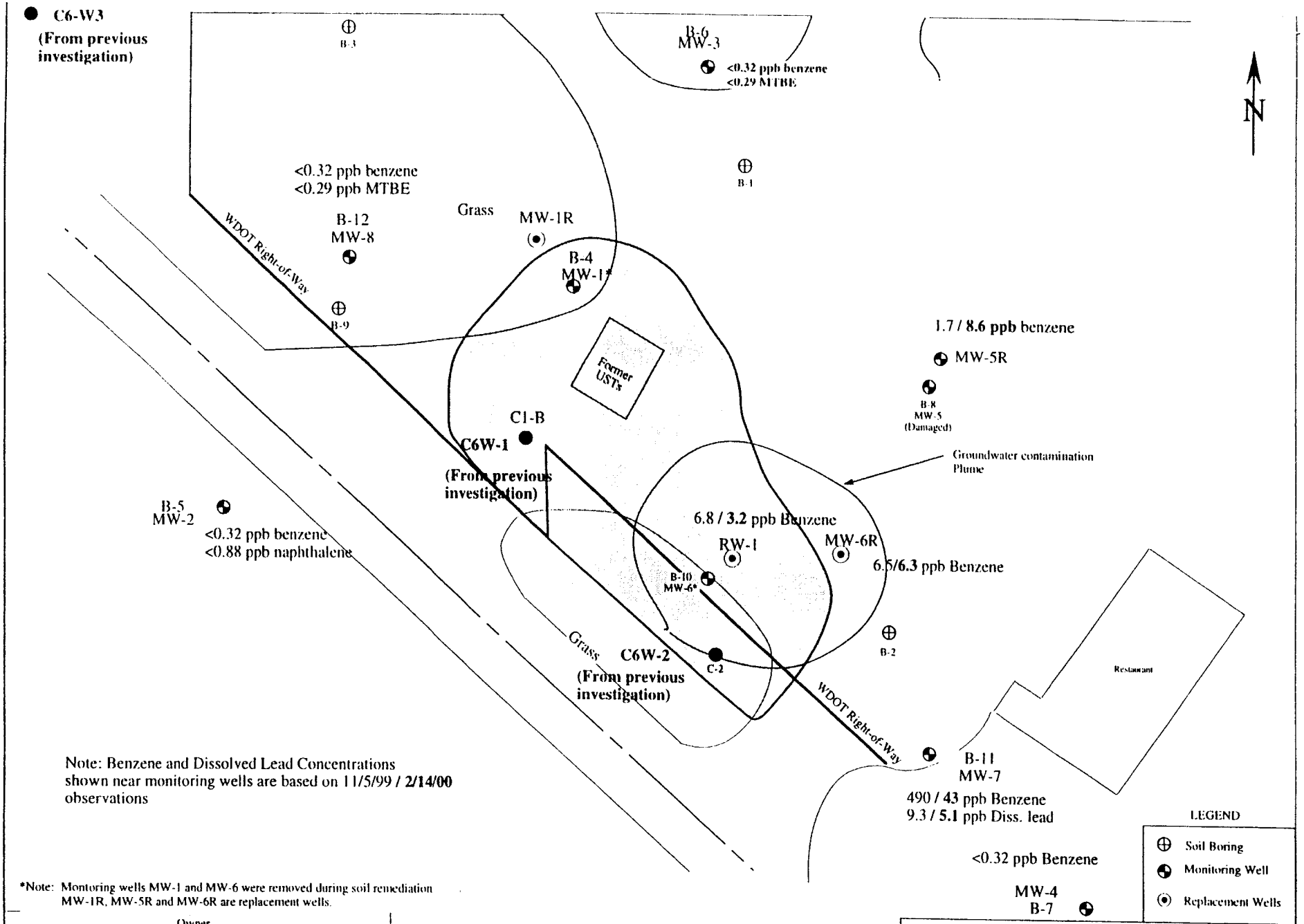
My commission: 9-28-2003

This document was drafted by the Wisconsin Department of Commerce.



Scale: 1" = 2000'

Figure 1. Project Location Map



Note: Benzene and Dissolved Lead Concentrations shown near monitoring wells are based on 11/5/99 / **2/14/00** observations

*Note: Montoring wells MW-1 and MW-6 were removed during soil remediation MW-1R, MW-5R and MW-6R are replacement wells.

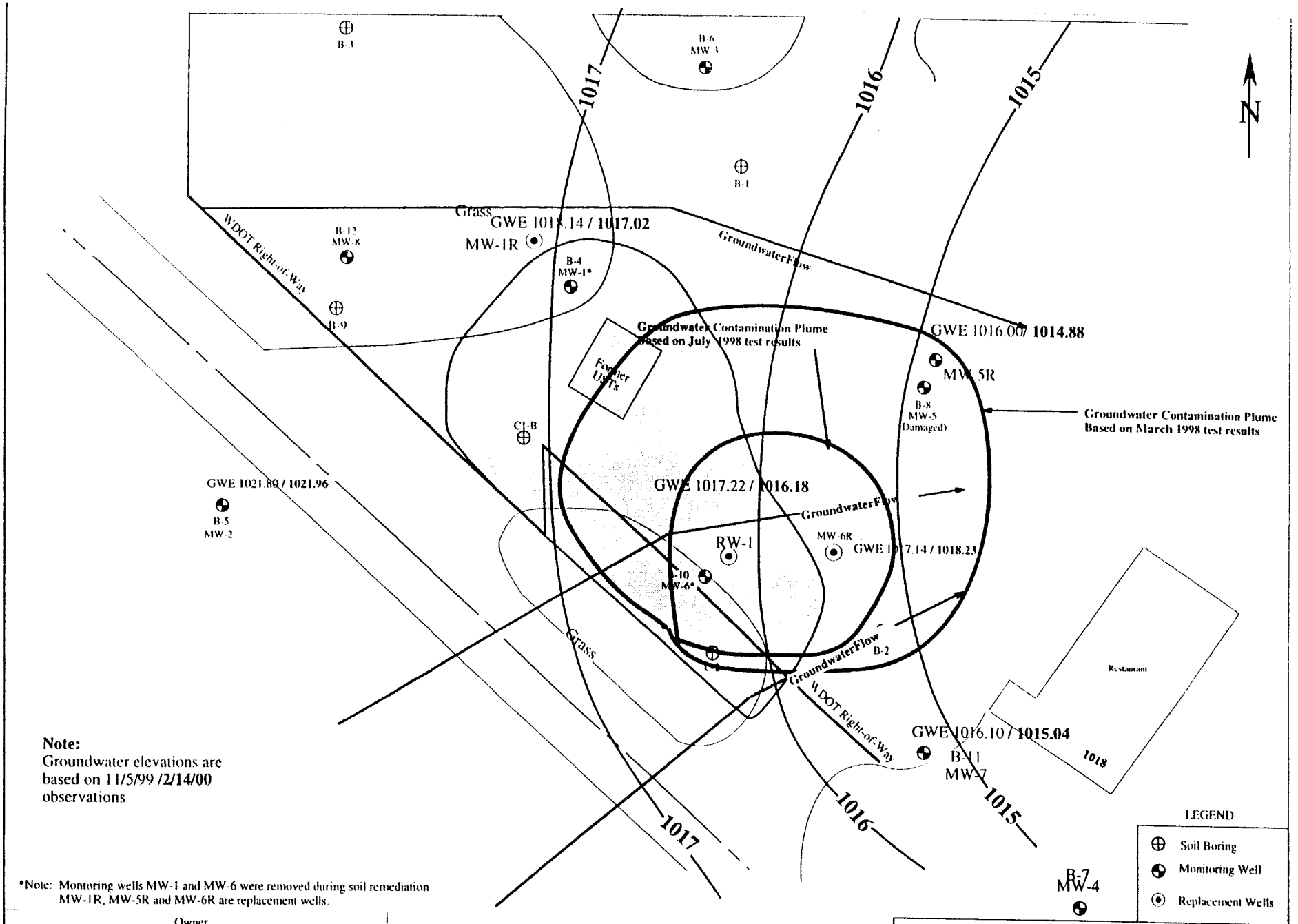
Owner
SCHROEDER OIL, INC.

PROJECT LOCATION
106 U.S. Highway 45
Tigerton, Wisconsin 54486

Engineer
K. SINGH & ASSOCIATES, INC.,
Engineers & Environmental Management Consultants
1135 Legion Drive, Elm Grove, Wisconsin 53122, (414) 821-1171

Figure 1. Site Layout Map Showing Groundwater Contamination Plume

Date	Drawn by	Project no.	Date
October 11, 1994	M.J.P.	4034	
SCALE 0 20 40	Checked by	R.B.S.	10/11/94
	Revisions by	T.L.O.	3/18/97



Note:
Groundwater elevations are based on 11/5/99 /2/14/00 observations

*Note: Montoring wells MW-1 and MW-6 were removed during soil remediation MW-1R, MW-5R and MW-6R are replacement wells.

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Engineers & Environmental Management Consultants
1135 Legion Drive, Elm Grove, Wisconsin 53122, (414) 821-1171

Figure 2. Groundwater Elevation Contours

Date	Drawn by	Project no	Date
October 11, 1994	M.J.P.	4034	
SCALE 0 20 40	Checked by	R.B.S	10/11/94
	Revisions by	T.L.O.	3/18/97

Table 1
Summary of Groundwater Quality Test Results
Former Ken's Mobil
106 U.S. Highway 45, Tigerton, WI

Location	Date	Benzene (ppb)	Ethylbenzene (ppb)	Toluene (ppb)	Xylenes (ppb)	MTBE (ppb)	Naphthalene (ppb)	Lead (ppb)	GRO (ppm)	DRO (ppm)
MW-6	12/1/94	4,600	3,000	31,000	15,100	50	700	46	66	8
MW-6	5/24/95	6,300	2,600	19,000	12,300	130	NT	NT	67	7
MW-6		*Damaged and removed during soil remediation*								
MW-6R	4/28/97	76	11	33	95	41	NT	NT	NT	NT
MW-6R	8/5/97	33	8.2	2.6	29	62	NT	NT	NT	NT
MW-6R	11/24/97	78	7.4	<15	<18	27	18	2.2	NT	NT
MW-6R	3/16/98	43	20	2.3	15	18	22	NT	NT	NT
MW-6R	7/23/98	25	14	0.65	21.1	4.3	1.2	NT	NT	NT
MW-6R	11/4/98	23	2.4	0.49	1.98	5.3	18	NT	NT	NT
MW-6R	3/31/99	13	78	5	18	5	NT	NT	NT	NT
MW-6R	7/14/99	3.7	3.6	<0.35	5	0.94	NT	NT	NT	NT
MW-6R	11/5/99	6.5	2.4	<0.35	1.1	11	NT	NT	NT	NT
MW-6R	2/14/00	6.3	16	0.42	2.2	8.1	NT	NT	NT	NT
MW-7	12/1/94	22	20	7.6	8.2	60	20	17	0.34	0.54
MW-7	4/28/97	39	19	3.3	15	0.74	NT	NT	NT	NT
MW-7	8/5/97	32	180	<1.5	130	<0.21	NT	NT	NT	NT
MW-7	11/24/97	3	42	24	59	0.33	25	9.5	NT	NT
MW-7	3/16/98	<0.32	<0.34	<0.35	<1	<0.31	<0.88	NT	NT	NT
MW-7	7/23/98	0.84	1.3	<0.32	<1.09	<0.29	2.4	NT	NT	NT
MW-7	3/31/99	510	560	210	830	<3.1	NT	17	NT	NT
MW-7	7/14/99	45	83	1.2	71	<0.31	NT	3.9	NT	NT
MW-7	11/5/99	490	800	2500	2400	<3.1	NT	9.3	NT	NT
MW-7	2/14/00	43	84	<3.5	47	<3.1	NT	5.1	NT	NT
MW-8	5/24/95	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0	NT	<0.1	0.52
MW-8	4/28/97	*Could not locate during sampling event*								
MW-8	7/23/98	<0.32	<0.35	<0.32	<1.09	<0.29	NT	NT	NT	NT
RW-1	4/28/97	380	40	440	700	160	NT	NT	NT	NT
RW-1	8/5/97	150	190	16	510	35	NT	NT	NT	NT
RW-1	11/24/97	110	14	<1.5	63	17	54	9.7	NT	NT
RW-1	3/16/98	37	13	0.69	6.4	14	25	NT	NT	NT
RW-1	7/23/98	340	220	460	540	<2.9	50	NT	NT	NT
RW-1	11/4/98	5.2	8.4	0.46	<1.39	12	15	<0.73	NT	NT
RW-1	3/31/99	21	480	100	280	<3.1	NT	NT	NT	NT
RW-1	7/14/99	<0.32	<0.34	<0.35	<1	0.77	NT	NT	NT	NT
RW-1	11/5/99	6.8	140	3.1	4.3	6.2	NT	NT	NT	NT
RW-1	2/14/00	3.2	170	5.9	17	2	NT	NT	NT	NT
C6W-1*	5/19/93	<50	800	1200	5300	<50	480	NT	33	4.8
C6W-2*	5/19/93	3300	480	2900	1580	2700	210	NT	21	4.1
C6W-3*	5/19/93	<1	<1	3.2	6.2	<1.0	2.3	NT	0.11	0.24
ES		5	700	1000	10000	60	40	15	---	---
PAL		0.5	140	200	1000	12	8	1.5	---	---

*= Test results from previous investigation

Table 1
Summary of Groundwater Quality Test Results
Former Ken's Mobil
106 U.S. Highway 45, Tigerton, WI

Location	Date	Benzene (ppb)	Ethylbenzene (ppb)	Toluene (ppb)	Xylenes (ppb)	MTBE (ppb)	Naphthalene (ppb)	Lead (ppb)	GRO (ppm)	DRO (ppm)
MW-1	7/5/94	830	36	34	76.7	65	180	<2	NT	NT
MW-1	5/24/95	190	28	18	19	5.9	NT	NT	1.2	NT
MW-1	*Damaged and removed during soil remediation*									
MW-1R	4/28/97	<0.21	<0.68	<1.5	<1.8	1.1	NT	NT	NT	NT
MW-1R	8/5/97	0.37	<0.68	<1.5	3.2	0.33	NT	NT	NT	NT
MW-1R	11/24/97	<0.21	<0.68	<1.5	1.9	<0.21	3.0	NT	NT	NT
MW-1R	3/16/98	<0.32	<0.34	<0.35	1.6	<0.31	5.8	NT	NT	NT
MW-1R	7/23/98	<0.31	<0.35	<0.32	<1.32	<0.29	NT	NT	NT	NT
MW-2	10/14/94	<1	<1	<1	<3	<1	<3	NT	<0.05	NT
MW-2	5/24/95	<1.0	<1.0	<1.0	<2.0	<1.0	NT	NT	<.0.1	0.14
MW-2	4/28/97	<0.21	<0.68	<1.5	<1.8	<0.21	NT	NT	NT	NT
MW-2	8/5/97	<0.21	<0.68	<1.5	<1.8	<0.21	NT	NT	NT	NT
MW-2	3/16/98	<0.32	<0.34	<0.35	<1	<0.31	<0.88	NT	NT	NT
MW-2	7/23/98	<0.31	<0.35	<0.32	<1.09	<0.29	NT	NT	NT	NT
MW-3	7/5/94	<1	<1	<1	<2	<1	<1	NT	NT	NT
MW-3	5/24/95	<1.0	<1.0	<1.0	<2.0	<1.0	NT	NT	<.1	NT
MW-3	5/22/97	<0.21	<0.68	<1.5	<1.8	<0.21	NT	NT	NT	NT
MW-3	8/5/97	<0.21	<0.68	<1.5	<1.8	<0.21	NT	NT	NT	NT
MW-3	7/23/98	0.32	<0.35	<0.32	<1.09	<0.29	NT	NT	NT	NT
MW-4	5/24/95	<1.0	<1.0	<1.0	<2.0	<1.0	<3.0	<2.0	<0.1	0.12
MW-4	4/28/97	<0.21	<0.68	<1.5	<1.8	<0.21	NT	NT	NT	NT
MW-4	8/5/97	<0.21	<0.68	<1.5	<1.8	<0.21	NT	NT	NT	NT
MW-4	11/24/97	<0.21	<0.68	<1.5	<1.8	<0.21	NT	NT	NT	NT
MW-4	3/16/98	<0.32	<0.34	<0.35	<1	<0.31	<0.88	NT	NT	NT
MW-4	7/23/98	<0.31	<0.35	<0.32	<1.09	<0.29	NT	NT	NT	NT
MW-4	7/14/99	<0.32	<0.34	<0.35	<1	<0.31	NT	NT	NT	NT
MW-5	7/5/94	<1	<1	<1	<2	73	<1	NT	NT	NT
MW-5	5/24/95	11	<1.0	<1.0	<2.0	2.9	NT	NT	<0.1	1.9
MW-5	4/28/97	*Damaged during soil remediation*								
MW-5R	1/12/98	10	<0.68	<1.5	<1.8	4.3	<1.0	NT	NT	NT
MW-5R	3/16/98	22	<0.34	<0.35	<1	14	<0.88	NT	NT	NT
MW-5R	7/23/98	1.5	<0.35	<0.32	<1.09	7.8	NT	NT	NT	NT
MW-5R	11/4/98	1.3	<0.35	<0.32	<1.09	1.2	NT	NT	NT	NT
MW-5R	3/31/99	11	<0.34	<0.35	<1	8.4	NT	NT	NT	NT
MW-5R	7/14/99	1.7	<0.34	14	<1	1	NT	NT	NT	NT
MW-5R	11/5/99	1.4	<0.34	<0.35	<1	0.72	NT	NT	NT	NT
MW-5R	2/14/00	8.6	<0.34	<0.35	<1	17	NT	NT	NT	NT