GIS REGISTRY INFORMATION

SITE NAME: thermogas

BRRTS #: 02-22-542931 **FID # (if appropriate):**

COMMERCE # (if appropriate):

CLOSURE DATE: 4-8-05

STREET ADDRESS:

CITY: Boscobel WI

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= Y=

CONTAMINATED MEDIA: Groundwater ☐ Soil ☐ Both ☐

OFF-SOURCE GW CONTAMINATION >ES: ☐ Yes ☐ No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): X= Y=

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): ☐ Yes ☐ No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): X= Y=

CONTAMINATION IN RIGHT OF WAY: ☐ Yes ☐ No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued ☐

Copy of most recent deed, including legal description, for all affected properties ☐

Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties ☐

County Parcel ID number, *if used for county*, for all affected properties ☐

Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site. ☐

Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs. ☐

Tables of Latest Groundwater Analytical Results (no shading or cross-hatching) ☐

Tables of Latest Soil Analytical Results (no shading or cross-hatching) ☐

Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy**).** The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.** ☐

GW: Table of water level elevations, with sampling dates, and free product noted if present ☐

GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees) ☐

SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour ☐

Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy) ☐

RP certified statement that legal descriptions are complete and accurate ☐

Copies of off-source notification letters (if applicable) ☐

Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW) ☐

Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure* ☐

State of Wisconsin
Jim Doyle, Governor

Department of Agriculture, Trade and Consumer Protection
Rod Nilsestuen, Secretary

April 8, 2005

Dan Reutlinger
Williams Energy Services
One Williams Center
MD 48-6
Tulsa OK 74172

Re: **No Further Action Notice** – DATCP Case # DATCP #96539090301.
Former Thermogas Site in Boscobel, Wisconsin.

Dear Mr. Reutlinger:

My receipt of the well abandonment forms satisfies the last condition for closure of the Boscobel cleanup case referenced above. The case is now listed as "closed" as of April 8, 2005, on the DATCP database.

The site will be listed on the DNR's registry of closed remediation sites. I will forward the GIS registry packet and a copy of this letter to DNR for posting on the registry. To review the sites on the registry and to see when your site is listed visit the registry web page at http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

If additional contamination is encountered, it must be handled in accordance with all applicable regulations and in conformance with the requirements of the deed restriction. This case may be reopened *(pursuant to NR 726.09, Wis. Adm. Code)* if additional information indicates that contamination from the site poses a threat to public health, safety or welfare, or the environment.

If the case is re-opened and additional work is required, Agricultural Chemical Cleanup Program (ACCP) reimbursement may still be available for the work. It is in your best interest to keep all documentation related to the cleanup project and ACCP reimbursement claims.

Thank you for your efforts to bring this case to closure. If you have any questions, please call me at (608) 224-4516.

Sincerely,

Jeff Ackerman
Hydrogeologist

copy: Michael Brown, DATCP
Wendy Wheihemuller, DNR
Jason Lowery, Terracon

Document No.	WARRANTY DEED	Recording Area

This Deed, made between Raymond A. Saint, Grantor, and George A. Thoftne and Cynthia L. Thoftne, husband and wife, as survivorship marital property, Grantee,

Witnesseth, That the said Grantor, for valuable consideration conveys, to Grantee, the following described real estate in Grant County, State of Wisconsin:

SEE ATTACHED RIDER

This is not homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging;

And Grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances, except easements, restrictions and rights-of-way of record and will warrant and defend the same.

RETURN RECORDED DOCUMENT TO:
Kinney & Urban, P.O. Box 528, Lancaster, WI 53813

6-318-000 (pt)
Parcel Identification No.

Dated this 28 day of January, 2002.

Raymond A. Saint (SEAL)

(SEAL)

AUTHENTICATION

Signature of Raymond A. Saint authenticated this 28 day of January, 2002.

John A. Kussmaul
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____ authorized by Sec. 706.06, Wis.Stats.)

This instrument was drafted by:

John A. Kussmaul
Lancaster, Wisconsin

ACKNOWLEDGMENT

STATE OF WISCONSIN)
)ss.
COUNTY OF *)

Personally came before me this * day of *, 20*, the above-named * to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

*
Notary Public, * County, WI.
My Commission is permanent. (If not, state expiration date: *, 20*.)

COPY

RIDER

A parcel of land located in the Northwest Quarter (N.W.1/4) of the Southeast Quarter (S.E.1/4) of Section Thirty-four (34), Township Eight (8) North, Range Three (3) West of the 4th P.M., Grant County, Wisconsin, more particularly described as follows:
Commencing at the East Quarter corner of said Section 34;
thence South 89° 54' 11" West 1707.51 feet;
thence South 47° 00' 48" West 348.28 feet;
thence continuing South 47° 00' 48" West 100.18 feet to the point of beginning;
thence continuing South 47° 00' 48" West 234.04 feet;
thence North 42° 59' 12" West 185.26 feet to a point on the Southeasterly right of way of S.T.H. "133";
thence North 46° 35' 27" East 234.05 feet along said right of way;
thence South 42° 59' 12" East 186.99 feet to the point of beginning.

636374
DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 1 – 1982
WARRANTY DEED

VOL 904 PAGE 381

GRANT COUNTY, WI
RECEIVED FOR RECORD

JAN 17 2002

at 8:15A M and recorded in
Vol 904 of Records Page 381
Marilyn Pierce Register

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS
Frantz & Kurth
930 Lincoln Ave.
Fennimore, WI 53809

1100 pd

This Deed, made between New Horizons Supply Cooperative, organized and existing under the laws of the State of Wisconsin, Grantor,

and Raymond A. Saint, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration conveys to Grantee the following described real estate in Grant County, State of Wisconsin:

Part of the NW¼ of the SE¼ of Section 34, T8N, R3W of the 4th P.M., Grant County, Wisconsin, described as follows, to-wit. Commencing at the Southwest corner of Southview Subdivision of the City of Boscobel, Grant County, Wisconsin, according to the recorded map or plat thereof; thence South 89° 35' West 716.29 feet to the point of beginning: thence continuing South 89° 35' West 345.26 feet to the centerline of Wisconsin State Trunk Highway 133; thence South 46° 41' 20" West 479.56 feet along said centerline; thence South 43° 18' 40" East 235.00 feet; thence North 46° 41' 20" East 682.50 feet to the point of beginning.

6-318-0000
PARCEL IDENTIFICATION NUMBER

State Transfer Fee Paid
$ 120.00
W7

This is not homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging:
And Grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal zoning, all easements and rights-of-way of record or restrictions in use,

and will warrant and defend the same.

Dated this 12th day of December, 2001.

NEW HORIZONS SUPPLY COOPERATIVE, by:

(SEAL) Dean Roth (SEAL)
• Dean Roth, President
(SEAL) Dennis Bell (SEAL)
• Dennis Bell, Secretary

FILE COPY

AUTHENTICATION

Signature(s)

authenticated this day of

TITLE: MEMBER STATE BAR OF WISCONSIN

THIS INSTRUMENT WAS DRAFTED BY
Attorney David P. Kurth
Fennimore, Wisconsin
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin, GRANT County, } ss.

Personally came before me this 12th day of December, 2001, the above named Dean Roth and Dennis Bell to me known to be the persons who executed the foregoing instrument and acknowledge the same.

NOTARY PUBLIC
STATE OF WISCONSIN
DAVID NEAL

David Neal
Notary Public, Grant County, Wis.
My commission is permanent. (If not, state expiration date: May 5, 2005)

COPY

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

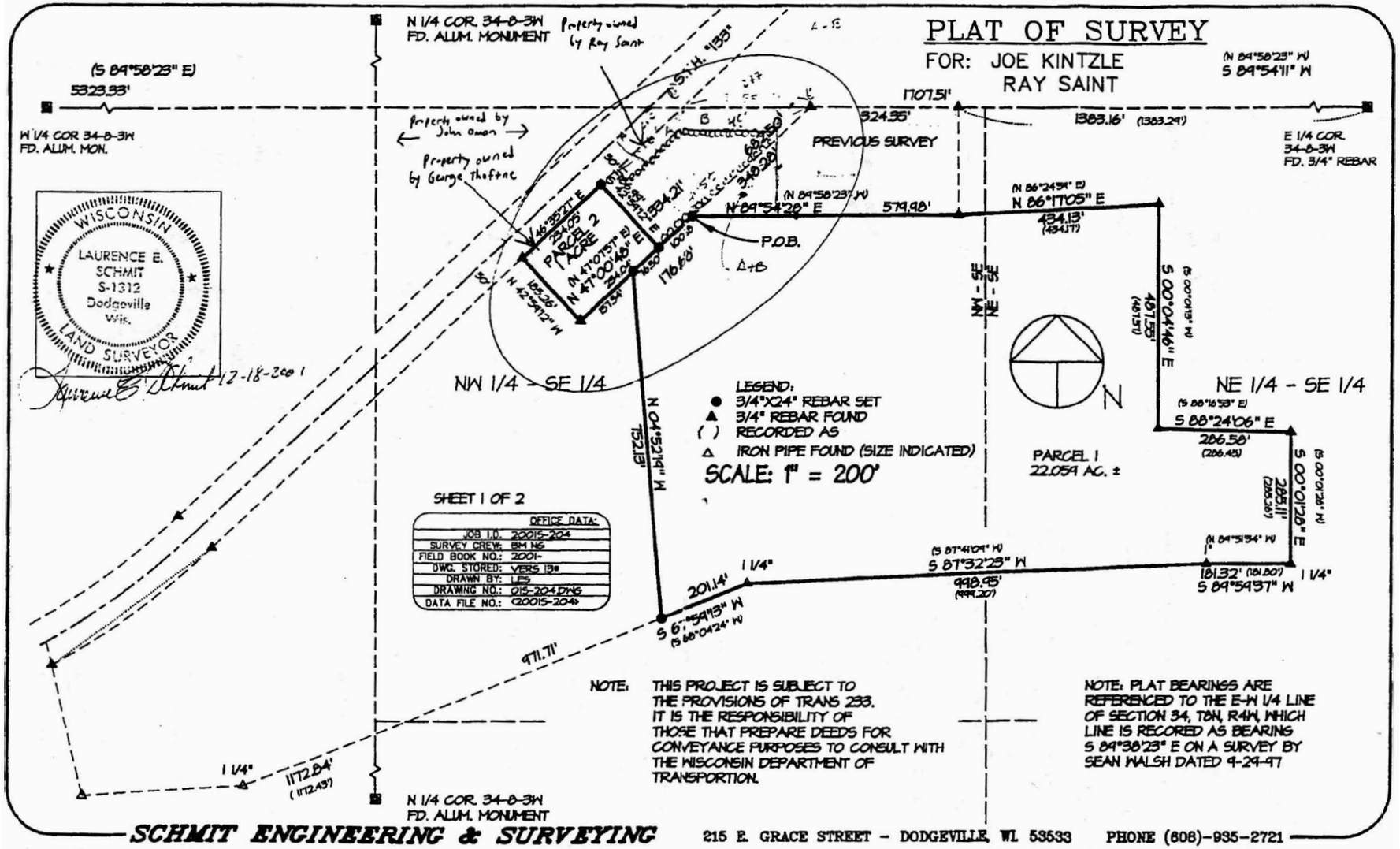
WARRANTY DEED

STATE BAR OF WISCONSIN
Form No. 1 – 1982

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

PLAT OF SURVEY

FOR: JOE KINTZLE
RAY SAINT



NOTE: THIS PROJECT IS SUBJECT TO THE PROVISIONS OF TRANS 233. IT IS THE RESPONSIBILITY OF THOSE THAT PREPARE DEEDS FOR CONVEYANCE PURPOSES TO CONSULT WITH THE WISCONSIN DEPARTMENT OF TRANSPORTION.

NOTE: PLAT BEARINGS ARE REFERENCED TO THE E-W 1/4 LINE OF SECTION 34, T8N, R4W, WHICH LINE IS RECORED AS BEARING S 89°38'23" E ON A SURVEY BY SEAN WALSH DATED 9-29-97

WISCONSIN
LAURENCE E. SCHMIT
S-1312
Dodgeville Wis.
LAND SURVEYOR

12-18-2001

SCHMIT ENGINEERING & SURVEYING 215 E. GRACE STREET - DODGEVILLE, WI 53533 PHONE (608)-935-2721

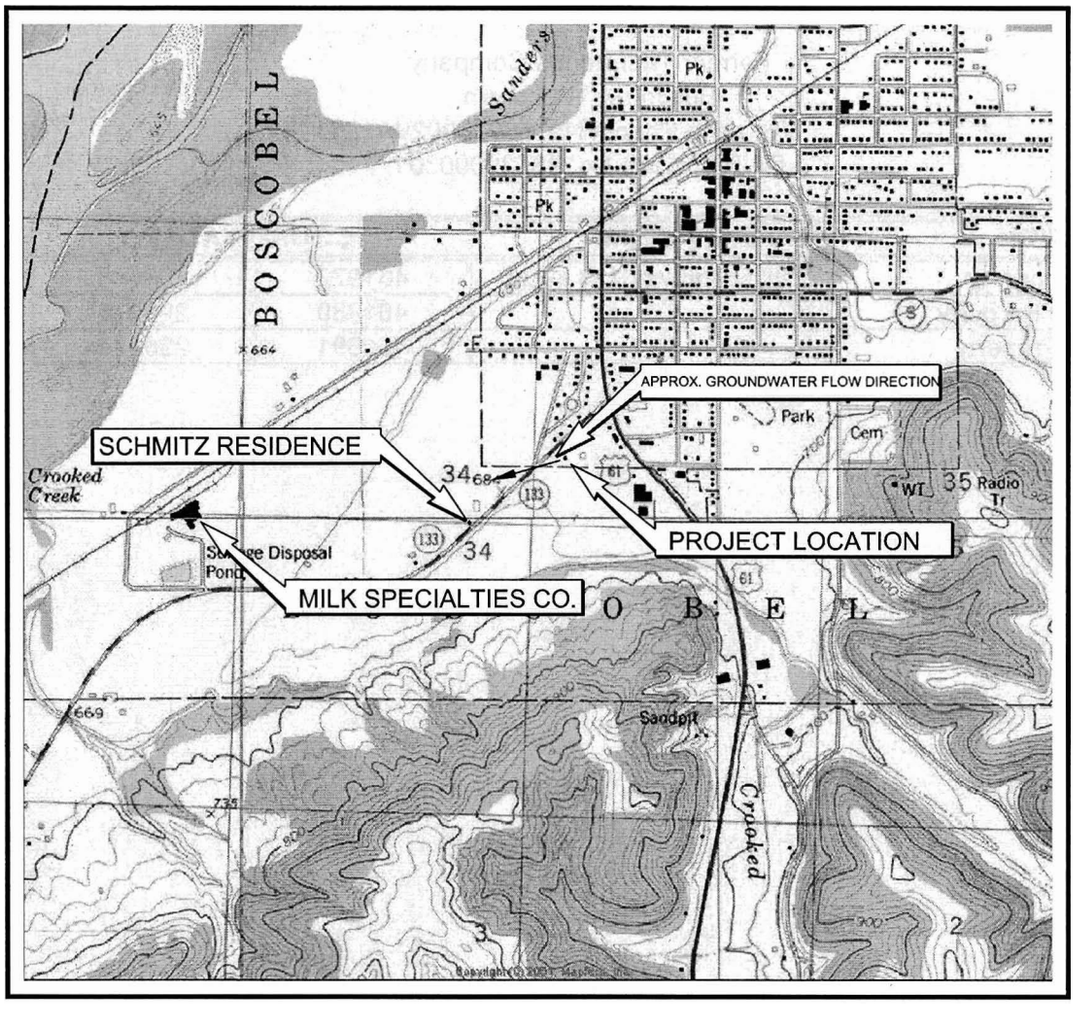
NW - SE 34-8-3W

WTM91 PROJECTION COORDINATES

Former Thermogas Company
Boscobel, Wisconsin
Terracon Project No. 38975002W
DATCP Case No. 96539090301

LOCATION	SITE ADDRESS	COORDINATES	
Saint Property	5881 Highway 133 West	461972	295068
Thoftne Property		461930	295035
Oman Property		461891	295070

UNITED STATES - DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY



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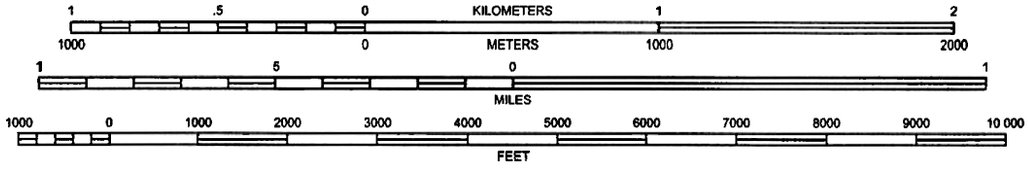


BOSCOBEL QUADRANGLE
WISCONSIN - GRANT COUNTY
7.5 MINUTE SERIES (TOPOGRAPHIC)

N

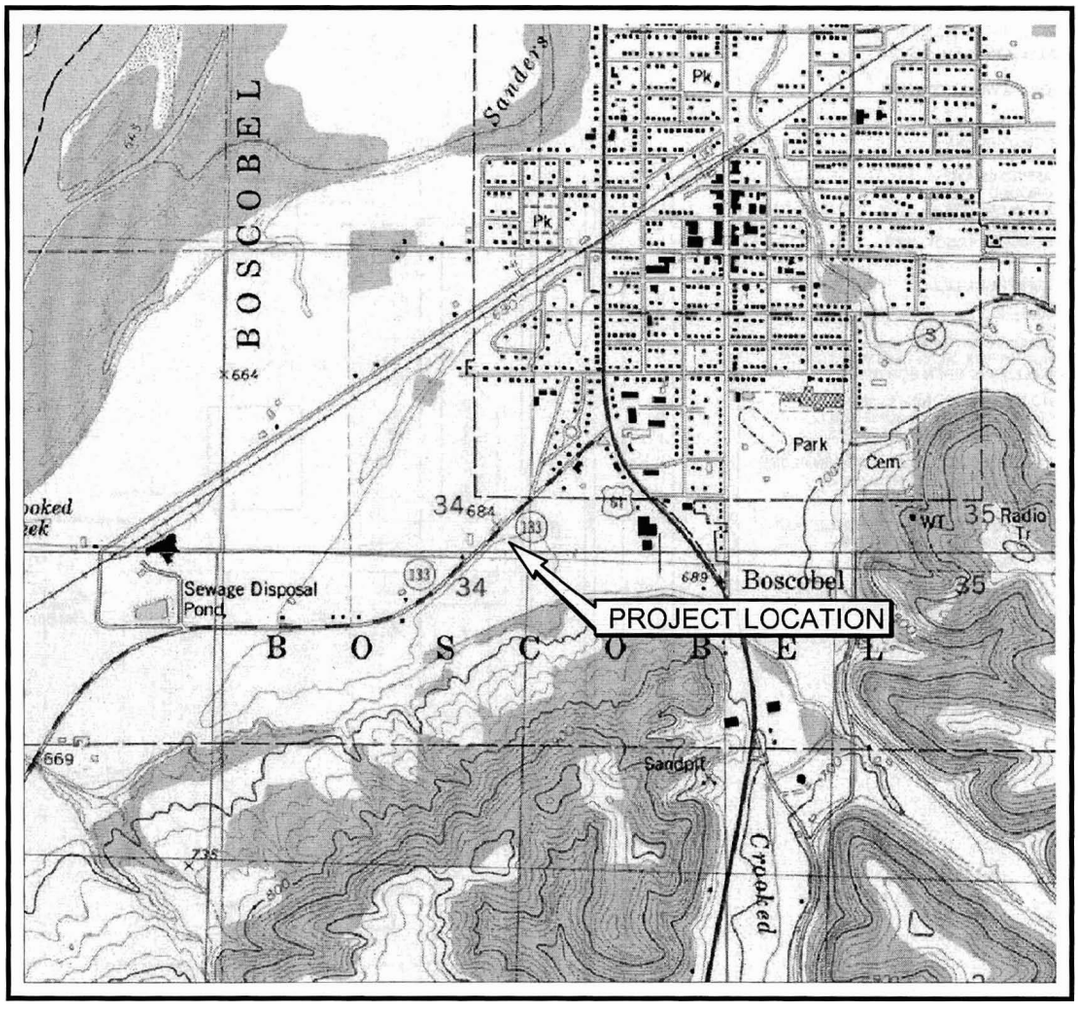
DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

OFF-SITE SAMPLING LOCATIONS
FORMER THERMOGAS COMPANY

BOSCOBEL, WI

Project Mngr:	JBL	Terracon	Project No.	38975002W
Designed By:	BRS		Scale:	AS SHOWN
Checked By:	JBL	2277 West Spencer Street Appleton, WI 54914	Date:	JUNE 1999
Approved By:	BRS		Drawn By:	AJP (38)
File Name:	38975002W-3.dwg	Layout1	Figure No.	3

UNITED STATES - DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY



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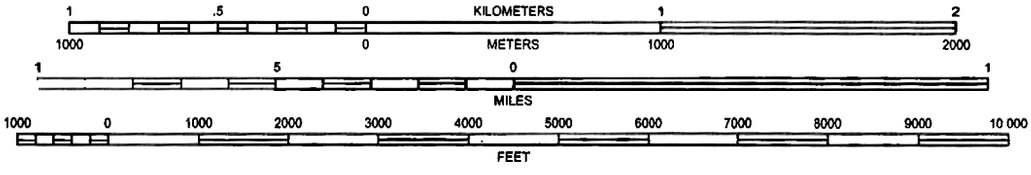


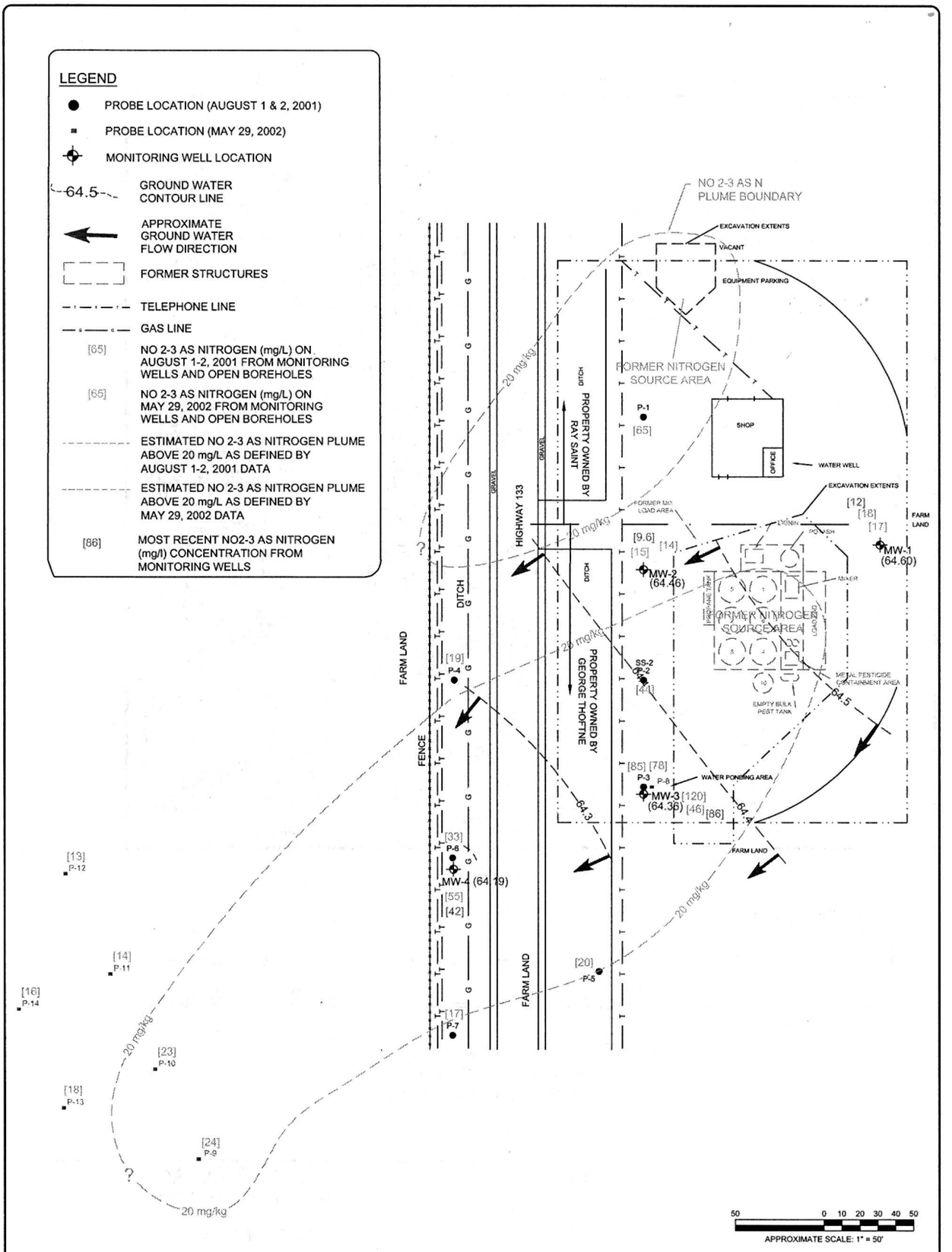
BOSCOBEL QUADRANGLE
WISCONSIN - GRANT COUNTY
7.5 MINUTE SERIES (TOPOGRAPHIC)

DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

SITE LOCATION MAP
FORMER THERMOGAS COMPANY

BOSCOBEL, WI

Project Mngr:	BRS	Terracon	Project No.	38975002W
Designed By:	JRV		Scale:	AS SHOWN
Checked By:	BRS	2277 West Spencer Street	Date:	01/10/03
Approved By:	BRS	Appleton, WI 54914	Drawn By:	BMS (41)
File Name:	38975002sl.dwg	TOPO	Figure No.	1



NOTES: THE GROUND WATER CONTOURS DEPICTED ARE BASED ON INTERPOLATION AND EXTRAPOLATION OF FLUID LEVEL DATA COLLECTED ON JANUARY 21, 2004. ACTUAL CONDITIONS MAY VARY.

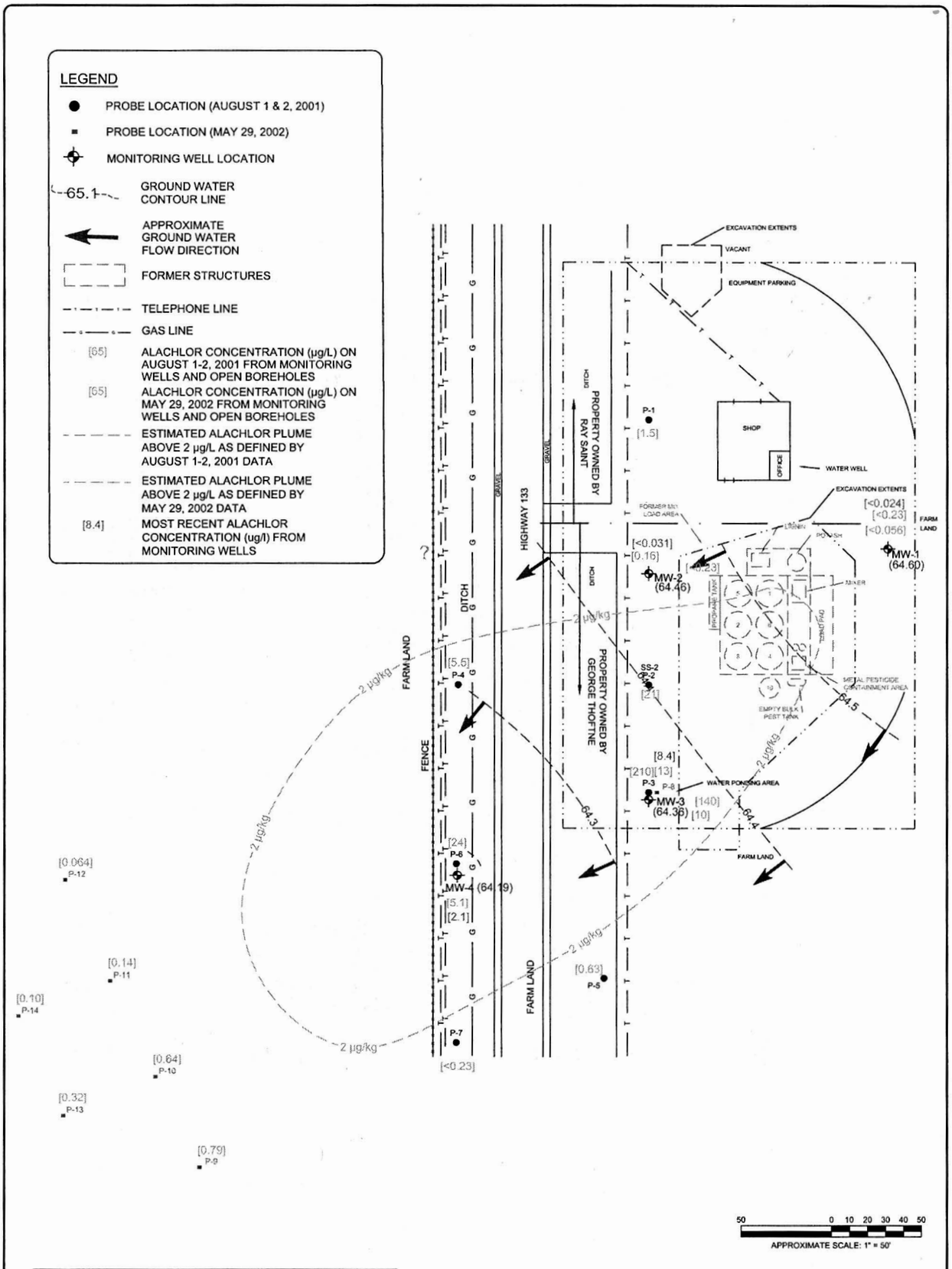
THE ESTIMATED EXTENT OF PLUME WAS SELECTED USING THE AVAILABLE ANALYTICAL DATA AND LOCATIONS OF FORMER SOURCE AREAS

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

ESTIMATED NO 2-3 AS NITROGEN PLUME MAP
FORMER THERMOGAS COMPANY

BOSCOBEL, WI

Project Mngr:	BRS	Terracon	Project No.	38975002W
Designed By:	JRV	2277 W. Spencer Street Appleton, WI 54914	Scale:	AS SHOWN
Checked By:	BRS		Date:	6/10/02
Approved By:	BRS		Drawn By:	BMS (41)
File Name:	figures\CADFiles\38975002GW(base).dwg		Figure No.	8



NOTES: THE GROUND WATER CONTOURS DEPICTED ARE BASED ON INTERPOLATION AND EXTRAPOLATION OF FLUID LEVEL DATA COLLECTED ON JANUARY 21, 2004. ACTUAL CONDITIONS MAY VARY.

THE ESTIMATED EXTENT OF PLUME WAS SELECTED USING THE AVAILABLE ANALYTICAL DATA AND LOCATIONS OF FORMER SOURCE AREAS

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

ESTIMATED ALACHLOR PLUME MAP
FORMER THERMOGAS COMPANY

BOSCOBEL, WI

Project Mngr:	BRS	Terracon	Project No.	38975002W
Designed By:	JRV	2277 W. Spencer Street Appleton, WI 54914	Scale:	AS SHOWN
Checked By:	BRS		Date:	6/10/02
Approved By:	BRS		Drawn By:	BMS (41)
File Name:	figures\CADFiles\38975002GW(base).dwg		Figure No.	9

Table 2

Former Thermogas Company
Boscobel, Wisconsin
Terracon Project No. 38975002W

Groundwater Analytical Summary

Sample Location	Date	Acetochlor	Alachlor	Atrazine	DIA	DEA	Total Atrazines	Butylate	Chlorpyrifos	Cyanazine	Dimethenamid	EPTC	Metolachlor	Metribuzin	Pendamethalin	Prometon	Propazine	Simazine	Trifluralin	NO_{2-3} as N (mg/L)	NH_{3-4} as N (mg/L)	Enforcement Standard Exceedances
MW-1	10/21/1997	0.6	<0.4	0.6	0.6	0.9	2.1	-	-	0.8	0.5	<0.3	4	-	-	-	-	-	-	15.7	<0.10	1
MW-1 (DUP.)	10/21/1997	0.5	<0.4	0.7	0.6	0.9	2.2	-	-	0.7	0.5	<0.3	4.2	-	-	-	-	-	-	20	<0.10	1
MW-1	1/16/1998	2	0.9	0.7	0.6	0.8	2.1	-	-	0.9	<0.4	<0.3	5.3	-	-	-	-	-	-	13	<0.10	1
MW-1	4/23/1998	<0.2	<0.4	0.3	0.5	0.5	1.3	-	-	<0.4	<0.4	<0.3	1.4	-	-	-	-	-	-	11.4	0.21	1
MW-1	8/5/1998	5.5	<0.4	1.2	0.8	1	3	-	-	0.9	2.2	<0.3	17.3	-	-	-	-	-	-	25.3	0.32	2
MW-1	10/13/1998	<0.2	<0.4	1.9	0.8	0.8	3.5	-	-	1.1	2.3	<0.3	17	-	-	-	-	-	-	27	0.22	4
MW-1	4/21/1999	1.1	<0.4	<0.2	0.6	0.5	1.3	-	-	<0.4	0.6	<0.3	3.7	-	-	-	-	-	-	14.9	<0.10	1
MW-1	7/28/1999	2.1	<0.4	0.5	0.4	0.7	1.6	-	-	0.7	1.3	<0.3	11.2	-	-	-	-	-	-	18	<0.10	1
MW-1	10/8/1999	<0.12	<0.12	0.18	1.3	0.73	2.21	<0.062	<0.025	1.1	0.80	<0.062	4.6	<0.062	<0.062	<0.062	<0.025	<0.025	<0.12	22	<10	2
MW-1	3/9/2000	0.86	<0.054	0.23	1.2	0.66	2.09	<0.032	<0.010	0.22	0.42	<0.031	4.0	<0.046	<0.024	<0.076	<0.013	<0.011	<0.043	14	<0.50	1
MW-1	12/6/2000	1.60	<0.050	0.64	0.55	0.91	2.1	<0.029	0.026	0.29	1.50	<0.028	9.4	<0.042	<0.023	0.11	<0.012	<0.010	<0.040	17	<0.50	1
MW-1	8/1/2001	0.31	<0.23	0.22	0.59	0.34	1.15	<0.11	<0.097	<0.18	0.38	<0.096	3.1	<0.20	<0.26	<0.11	<0.10	<0.28	<0.12	18	0.16	1
MW-1	11/7/2001	1.1	<0.23	0.74	0.58	0.68	2	<0.11	<0.097	0.24	2	<0.096	12	<0.20	<0.26	<0.11	<0.10	<0.28	<0.12	19	0.098	1
MW-1	5/29/2002	<0.033	<0.056	0.098	0.32	0.2	0.618	<0.02	<0.011	0.012	<0.033	<0.013	0.78	<0.012	<0.019	<0.011	<0.0054	<0.0088	<0.027	17	<1.0	1
MW-1	9/4/2002	0.25	0.19	0.21	0.3	0.27	0.78	<0.02	<0.011	0.033	0.14	<0.013	2.6	<0.012	<0.019	<0.011	<0.0054	0.015	<0.027	15	<1.0	1
MW-1	4/29/2003	<0.025	<0.028	0.071	0.2	0.12	0.391	<0.038	<0.040	<0.046	<0.012	<0.053	0.23	<0.020	<0.0093	<0.031	<0.031	<0.019	<0.029	9.8	-	0
MW-1	10/16/2003	<0.031	<0.024	<0.024	0.26	0.15	0.41	<0.021	<0.012	<0.012	<0.031	<0.024	1.6	<0.019	<0.020	<0.023	<0.011	<0.0080	<0.039	12	-	1
MW-2	10/21/1997	<0.2	13.2	2	<0.2	0.5	2.5	-	-	<0.4	<0.4	0.8	3.2	-	-	-	-	-	-	17.8	<0.10	2
MW-2	1/16/1998	<0.2	<0.4	0.3	0.4	0.5	1.2	-	-	<0.4	0.4	<0.3	2.5	-	-	-	-	-	-	12	<0.10	1
MW-2	4/23/1998	0.8	3.3	1.1	0.6	1.3	3	-	-	6.1	<0.4	<0.3	7.7	-	-	-	-	-	-	16.4	0.21	3
MW-2	8/5/1998	1.6	<0.8	0.6	<0.4	0.7	1.3	-	-	<0.8	1.3	<0.6	3.4	-	-	-	-	-	-	12.5	<0.10	1
MW-2	10/13/1998	<0.2	<0.4	0.2	0.3	0.4	0.9	-	-	<0.4	<0.4	<0.3	1.6	-	-	-	-	-	-	10.1	0.22	1
MW-2	4/21/1999	4.9	<0.4	1.1	0.7	1.0	2.8	-	-	5.0	1.3	<0.3	21.6	-	-	-	-	-	-	19.1	<0.10	3
MW-2 (DUP.)	4/21/1999	5.2	<0.4	1.1	0.8	1.1	3	-	-	5.3	1.4	<0.3	22.8	-	-	-	-	-	-	19	<0.10	3
MW-2	7/28/1999	3.2	<0.4	0.6	0.5	0.5	1.6	-	-	2.8	0.9	<0.3	13.1	-	-	-	-	-	-	147	<0.10	2
MW-2	10/8/1999	<0.12	<0.12	0.18	1.3	0.7	2.21	<0.062	<0.025	1.0	0.49	<0.062	4.5	<0.062	<0.062	<0.062	<0.025	<0.025	<0.12	14	<10	1
MW-2	3/9/2000	0.28	<0.05	0.12	0.95	0.33	1.4	<0.030	<0.0095	0.2	<0.052	<0.029	2.2	<0.043	<0.023	<0.071	<0.012	<0.010	<0.040	10	<0.50	0
MW-2	12/6/2000	<0.051	0.12	0.15	0.31	0.30	0.76	<0.029	<0.0093	0.079	<0.051	<0.028	0.9	<0.042	<0.022	<0.069	<0.012	<0.010	<0.039	14	<0.50	1
MW-2	8/1/2001	<0.14	<0.23	0.22	0.57	0.13	0.92	<0.11	<0.097	<0.18	<0.16	<0.096	3.7	<0.20	<0.26	<0.11	<0.10	<0.28	<0.12	14	0.029	1
MW-2	11/7/2001	<0.14	<0.23	0.16	0.17	0.58	0.91	<0.11	<0.097	<0.18	<0.16	<0.096	3.4	<0.20	<0.26	<0.11	<0.10	<0.28	<0.12	16	<0.027	1
MW-2	5/29/2002	<0.034	0.16	0.67	0.95	0.94	2.56	<0.021	<0.011	0.27	<0.034	0.081	7	<0.012	<0.020	<0.011	<0.0055	0.021	<0.027	15	<1.0	1
MW-2	9/4/2002	0.098	<0.056	0.28	0.48	0.35	1.11	<0.020	<0.011	0.078	<0.033	<0.013	2.2	<0.012	<0.019	<0.011	<0.0054	0.017	<0.027	13	<1.0	1
MW-2	4/29/2003	<0.025	<0.028	0.086	0.31	0.15	0.546	<0.038	<0.040	<0.046	<0.012	<0.053	0.38	<0.020	<0.0093	<0.031	<0.031	<0.019	<0.029	11	-	1
MW-2	10/16/2003	<0.031	<0.024	0.094	0.3	0.19	0.584	<0.021	<0.012	0.015	0.1	<0.024	0.99	<0.019	<0.020	<0.023	<0.011	<0.0080	<0.039	9.6	-	0
MW-3	10/21/1997	<0.2	15.2	3.3	<0.2	0.5	3.8	-	-	<0.4	<0.4	1	3.9	-	-	-	-	-	-	40	2.4	3
MW-3	1/16/1998	<0.2	2.5	1	<0.2	0.3	1.3	-	-	<0.4	<0.4	<0.3	1.6	-	-	-	-	-	-	20	<0.10	2
MW-3 (DUP.)	1/16/1998	<0.2	2.9	1.2	<0.2	0.3	1.5	-	-	<0.4	<0.4	<0.3	2	-	-	-	-	-	-	26	0.3	2
MW-3	4/23/1998	<0.2	1.5	0.4	0.3	0.3	1	-	-	<0.4	<0.4	<0.3	<0.8	-	-	-	-	-	-	15.3	0.46	1
MW-3	8/5/1998	<5.0	243	21	<5.0	<5.0	21	-	-	<10.0	<10.0	9	<20	-	-	-	-	-	-	99	19.8	3
MW-3	10/13/1998	<0.2	10.7	7.8	0.4	0.4	8.6	-	-	<0.4	<0.4	2.6	16.1	-	-	-	-	-	-	78	1.78	4
MW-3	4/21/1999	<0.4	37.3	2.7	<0.4	0.6	3.3	-	-	<0.8	<0.8	2.3	16.2	-	-	-	-	-	-	94	14.7	4
MW-3	7/28/1999	<1.0	70.0	5.0	<1.0	<1.0	5	-	-	<2.0	<2.0	4.0	20.0	-	-	-	-	-	-	62	7.8	4
MW-3	10/8/1999	<0.12	45	4.8	0.97	0.81	6.58	<0.062	<0.025	0.061	0.50	3.4	22	<0.062	<0.062	<0.062	0.036	0.036	<0.12	96	15	4
MW-3	3/9/2000	<0.053	3.1	0.65	1.1	<0.047	1.75	<0.030	0.017	0.110	<0.053	0.59	11	0.07	<0.023	<0.073	0.024	0.017	<0.041	67	1.4	2
MW-3	12/6/2000	<0.064	27	1.80	0.45	0.6	2.85	<0.036	<0.012	<0.020	<0.065	2.60	19	0.18	<0.028	<0.087	<0.015	<0.013	<0.049	110	10	3
MW-3	8/1/2001	<0.14	140	9.7	0.55	0.42	10.67	<0.11	<0.097	<0.18	1.5	8.9	33	<0.20	<0.26	0.34	<0.10	<0.28	<0.12	120	17	4
MW-3	11/7/2001	2.3	70	5.4	0.43	1.5	7.33	<0.11	<0.097	<0.18	1.1	5.8	38	<0.20	<0.26	0.4	<0.10	<0.28	<0.12	140	17	4
MW-3	5/29/2002	<0.033	10	1	0.56	0.57	2.13	<0.020	<0.011	0.035	<0.033	0.68	11	<0.012	<0.019	<0.011	<0.0054	<0.0088	<0.027	46	<1.0	2
MW-3	9/4/2002	0.6	22	1.9	0.45	0.26	2.61	<0.020	<0.011	0.018	<0.033	1.2	11	<0.012	<0.019	<0.011	<0.0054	0.037	<0.027	38	3.3	2
MW-3	4/29/2003	0.28	1.9	0.18	0.36	0.18	0.72	<0.038	<0.040	<0.046	<0.012	0.52	3.2	<0.020	<0.0093	<0.031	<0.031	<0.019	<0.029	26	-	1
MW-3	7/11/2003	1.2	26	1.4	0.30	0.38	2.08	<0.038	<0.040	<0.046	<0.012	2.9	18	<0.020	<0.0093	<0.031	<0.031	<0.019	<0.029	68	-	3
MW-3	10/16/2003	0.43	12	0.82	0.36	0.18	1.36	<0.022	<0.012	0.018	<0.032	1.3	6.9	<0.020	<0.021	<0.024	0.025	<0.0081	<0.040	40	-	2
MW-3	1/21/2004	0.72	8.4	0.42	0.18	0.24	0.84	<0.067	<0.061	<0.067	0.058	1.6	7.9	<0.027	<0.032	<0.042	<0.027	<0.053	<0.043	86	-	2
MW-4	5/29/2002	<0.034	5.1	0.92	0.56	0.41	1.89	0.026	<0.011	0.034	<0.034	2.4	16	<0.012	<0.020	<0.011	<0.0054	<0.0089	<0.027	55	<1.0	3
MW-4	9/4/2002	1.3	7	1.7	0.44	0.44	2.58	<0.021	<0.011	0.04	<0.034	1.8	15	<0.012	<0.020	<0.011	0.031	0.021	<0.027	70	<1.0	2
MW-4	4/29/2003	1.4	11	1.3	0.59	0.45	2.34	<0.038	<0.040	<0.047	0.3	2.2	29	<0.021	<0.0093	<0.032	<0.032	<0.020	<0.029	57	-	3
MW-4	7/11/2003	1.2	3.7	1.1	<0.037	<0.014	1.1	<0.038	<0.040	<0.046	<0.012	1.3	23	<0.020	<0.0093	<0.031	<0.031	<0.019	<0.029	44	-	3
MW-4	10/16/2003	0.68	2	0.71	0.37	0.19	1.27	<0.023	<0.013	<0.013	<0.033	0.53	17	<0.021	<0.022	<0.025	0.016	0.015	<0.041	26	-	2

Table 2

Former Thermogas Company
Boscobel, Wisconsin
Terracon Project No. 38975002W

Groundwater Analytical Summary

Sample Location	Date	Acetochlor	Alachlor	Atrazine	DIA	DEA	Total Atrazines	Butylate	Chlorpyrifos	Cyanazine	Dimethenamid	EPTC	Metolachlor	Metribuzin	Pendamethalin	Prometon	Propazine	Simazine	Trifluralin	NO_{3} as N (mg/L)	NH_{3-4} as N (mg/L)	Enforcement Standard Exceedances
MW-4	1/21/2004	0.49	**2.1**	0.46	0.22	0.34	1.02	<0.066	<0.061	<0.066	0.10	0.51	15	<0.027	<0.032	<0.041	<0.027	<0.053	<0.042	**42**	-	2
Potable Well	2/15/1996	-	<0.23	<0.46	<2.0	<0.60	0	-	-	<0.66	-	<1.0	<0.51	-	-	-	-	-	-	<0.02	0.07	0
Potable Well	4/29/2003	<0.025	<0.028	<0.033	<0.037	<0.014	0	<0.038	<0.040	<0.047	<0.012	<0.053	<0.019	<0.021	<0.0093	<0.032	<0.032	<0.020	<0.029	<1.0	-	0
Milk Specialties	7/28/1999	<0.2	<0.4	<0.2	<0.2	<0.2	0	-	-	<0.4	<0.4	<0.3	<0.8	-	-	-	-	-	-	<0.2	<0.10	0
Milk Specialties	4/29/2003	<0.026	<0.029	<0.033	<0.038	<0.014	0	<0.039	<0.041	<0.048	<0.012	<0.054	<0.019	<0.021	<0.0095	<0.032	<0.032	<0.020	<0.030	<1.0	-	0
Ulve	10/8/1999	<0.12	<0.12	<0.025	<0.062	<0.062	0	<0.062	<0.025	<0.025	<0.12	<0.062	<0.12	<0.062	<0.062	<0.062	<0.025	<0.025	<0.12	<10	<10	0
Ulve	4/29/2003	<0.025	<0.028	<0.033	<0.037	<0.014	0	<0.038	<0.040	<0.046	<0.012	<0.053	<0.019	<0.020	<0.0093	<0.031	<0.031	<0.019	<0.029	<1.0	-	0
Schmitz	4/21/1999	<0.2	<0.4	<0.2	<0.2	<0.2	0	-	-	<0.4	<0.4	<0.3	<0.8	-	-	-	-	-	-	1.6	<0.10	0
P-1(34 feet)	8/1/2001	4	1.5	0.90	0.68	0.65	2.23	<0.11	<0.097	<0.18	0.64	<0.096	**35**	<0.20	<0.26	<0.11	<0.10	<0.28	<0.12	**65**	0.23	2
P-2(34 feet)	8/1/2001	<0.14	**21**	9.7	0.55	0.42	**10.67**	0.40	<0.097	<0.18	0.24	11	**37**	<0.20	<0.26	0.34	<0.10	<0.28	<0.12	**44**	1.4	4
P-3(34 feet)	8/1/2001	<0.14	**210**	12	0.58	0.39	**12.97**	<0.11	<0.097	<0.18	1.5	12	**34**	<0.20	<0.26	0.50	0.24	<0.28	<0.12	**85**	15	4
P-4(34 feet)	8/1/2001	<0.14	**5.5**	0.64	0.58	0.24	1.46	0.11	<0.097	<0.18	<0.16	4.2	12	<0.20	<0.26	<0.11	<0.10	<0.28	<0.12	**19**	3.8	2
P-5(34 feet)	8/2/2001	0.40	0.63	0.75	0.75	0.32	1.82	<0.11	<0.097	<0.18	<0.16	<0.096	10	<0.20	<0.26	<0.11	<0.10	<0.28	<0.12	**20**	6.5	1
P-6(34 feet)	8/2/2001	<0.14	**24**	1.2	0.58	0.26	2.04	<0.11	<0.097	<0.18	0.19	2	13	<0.20	<0.26	0.12	<0.10	<0.28	<0.12	**33**	5.6	2
P-6(46 feet)	8/2/2001	<0.14	**7.6**	0.41	0.45	<0.099	0.86	<0.11	<0.097	<0.18	<0.16	0.58	4.6	<0.20	<0.26	<0.11	<0.10	<0.28	<0.12	**11**	9.9	2
P-7(34 feet)	8/2/2001	<0.14	<0.23	0.15	0.59	0.15	0.89	<0.11	<0.097	<0.18	<0.16	<0.096	2.6	<0.20	<0.26	<0.11	<0.10	<0.28	<0.12	**17**	1.8	1
P-8(34 feet)	5/29/2002	<0.034	**13**	0.78	0.56	0.55	1.89	<0.021	<0.011	0.057	<0.034	3	11	<0.012	<0.020	<0.011	<0.0055	<0.0090	<0.028	**78**	28	2
P-9(34 feet)	5/29/2002	<0.034	0.79	0.35	0.23	0.27	0.85	<0.021	<0.011	<0.0044	<0.034	0.1	<0.058	<0.012	<0.020	<0.011	<0.0054	<0.0089	<0.027	**24**	<1.0	1
P-10(34 feet)	5/29/2002	<0.033	0.64	0.35	0.33	0.3	0.98	<0.020	<0.011	0.021	<0.033	0.28	2.9	<0.012	<0.019	<0.011	<0.0054	<0.0088	<0.027	**23**	<1.0	1
P-11(34 feet)	5/29/2002	<0.033	0.14	0.44	0.28	0.52	1.24	<0.020	<0.011	0.017	<0.033	0.12	0.79	<0.012	<0.019	<0.011	<0.0054	<0.0088	<0.027	**14**	<1.0	1
P-12(34 feet)	5/29/2002	<0.033	0.064	0.25	0.3	0.38	0.93	<0.020	<0.011	0.021	<0.033	<0.013	0.67	<0.012	<0.019	<0.011	<0.0054	<0.0088	<0.027	**13**	<1.0	1
P-13(34 feet)	5/29/2002	<0.033	0.32	0.29	0.38	0.31	0.98	<0.020	<0.011	0.028	<0.033	0.045	2.4	<0.012	<0.019	<0.011	<0.0054	<0.0088	<0.027	**18**	<1.0	1
P-14(34 feet)	5/29/2002	<0.034	0.1	0.21	0.3	0.29	0.8	<0.021	<0.011	0.027	<0.034	<0.013	0.58	<0.012	<0.020	<0.011	<0.0055	<0.0090	<0.027	**16**	<1.0	1
PALs		NE	0.2	0.3 (Total chlorinated residue)				6.7	NE	0.1	NE	50	1.5	50	NE	18	NE	0.4	0.75	2	NE	
Enforcement Standards		NE	**2**	**3 (Total chlorinated residue)**				**67**	**NE**	**1.0**	NE	**250**	**15**	**250**	**NE**	**90**	**NE**	**4**	**7.5**	**10**	NE	

Bold Indicates NR 140 Ground Water Quality Enforcement Standard exceedance.
- Indicates This Compound Not Analyzed or not detected during previous analyses.
< Indicates Less Than the Reporting Limit.
DEA - deethyl atrazine (atrazine metabolite)
DIA - deisopropyl atrazine (atrazine metabolite)
NE - Indicates NR 140 ground water standard not established.
PALs - Preventive Action Limits
Values are expressed in units of micrograms per liter (ug/L) which is approximately equal to parts per billion (ppb), unless otherwise indicated.

Table 1

Former Thermogas Company
Boscobel, Wisconsin
Terracon Project No. 38975002\

Groundwater Elevations

Measured Location	Date	Depth to Groundwater	Reference Elevation	Water Table Elevation	Screened Interval
MW-1	10/21/1997	34.31	100.00	65.69	55.0 - 65.0
MW-1	1/16/1998	34.74	100.00	65.26	55.0 - 65.0
MW-1	4/23/1998	33.79	100.00	66.21	55.0 - 65.0
MW-1	8/5/1998	30.85	100.00	69.15	55.0 - 65.0
MW-1	10/13/1998	32.49	100.00	67.51	55.0 - 65.0
MW-1	4/21/1999	33.4	100.00	66.60	55.0 - 65.0
MW-1	7/28/1999	32.19	100.00	67.81	55.0 - 65.0
MW-1	10/8/1999	30.83	100.00	69.17	55.0 - 65.0
MW-1	3/9/2000	34.25	100.00	65.75	55.0 - 65.0
MW-1	12/6/2000	33.65	100.00	66.35	55.0 - 65.0
MW-1	8/1/2001	33.05	100.00	66.95	55.0 - 65.0
MW-1	11/7/2001	33.78	100.00	66.22	55.0 - 65.0
MW-1	5/29/2002	33.99	100.00	66.01	55.0 - 65.0
MW-1	9/4/2002	40.21	100.00	59.79	55.0 - 65.0
MW-1	4/29/2003	34.91	100.00	65.09	55.0 - 65.0
MW-1	7/11/2003	34.49	100.00	65.51	55.0 - 65.0
MW-1	10/16/2003	35.26	100.00	64.74	55.0 - 65.0
MW-1	1/21/2004	35.40	100.00	64.60	55.0 - 65.0
MW-2	10/21/1997	34.18	99.70	65.52	54.7 - 64.7
MW-2	1/16/1998	34.6	99.70	65.10	54.7 - 64.7
MW-2	4/23/1998	33.62	99.70	66.08	54.7 - 64.7
MW-2	8/5/1998	31.84	99.70	67.86	54.7 - 64.7
MW-2	10/13/1998	32.4	99.70	67.30	54.7 - 64.7
MW-2	4/21/1999	33.28	99.70	66.42	54.7 - 64.7
MW-2	7/28/1999	32.07	99.70	67.63	54.7 - 64.7
MW-2	10/8/1999	33.65	99.70	66.05	54.7 - 64.7
MW-2	3/9/2000	34.09	99.70	65.61	54.7 - 64.7
MW-2	12/6/2000	33.53	99.70	66.17	54.7 - 64.7
MW-2	8/1/2001	32.93	99.70	66.77	54.7 - 64.7
MW-2	11/7/2001	33.63	99.70	66.07	54.7 - 64.7
MW-2	5/29/2002	33.81	99.70	65.89	54.7 - 64.7
MW-2	9/4/2002	40.09	99.70	59.61	54.7 - 64.7
MW-2	4/29/2003	34.75	99.70	64.95	54.7 - 64.7
MW-2	7/11/2003	34.34	99.70	65.36	54.7 - 64.7
MW-2	10/16/2003	35.11	99.70	64.59	54.7 - 64.7
MW-2	1/21/2004	35.24	99.70	64.46	54.7 - 64.7
MW-3	10/21/1997	32.36	97.75	65.39	54.8 - 64.8
MW-3	1/16/1998	32.78	97.75	64.97	54.8 - 64.8
MW-3	4/23/1998	31.77	97.75	65.98	54.8 - 64.8
MW-3	8/5/1998	30.31	97.75	67.44	54.8 - 64.8
MW-3	10/13/1998	30.5	97.75	67.25	54.8 - 64.8
MW-3	4/21/1999	31.41	97.75	66.34	54.8 - 64.8
MW-3	7/28/1999	30.24	97.75	67.51	54.8 - 64.8
MW-3	10/8/1999	32.77	97.75	64.98	54.8 - 64.8
MW-3	3/9/2000	34.08	99.61	65.53	54.8 - 64.8
MW-3	12/6/2000	33.54	99.61	66.07	54.8 - 64.8
MW-3	8/1/2001	34.46	99.61	65.15	54.8 - 64.8
MW-3	11/7/2001	33.65	99.61	65.96	54.8 - 64.8
MW-3	5/29/2002	33.79	99.61	65.82	54.8 - 64.8
MW-3	9/4/2002	39.85	99.61	59.76	54.8 - 64.8
MW-3	4/29/2003	34.76	99.61	64.85	54.8 - 64.8
MW-3	7/11/2003	34.33	99.61	65.28	54.8 - 64.8
MW-3	10/16/2003	35.14	99.61	64.47	54.8 - 64.8
MW-3	1/21/2004	35.25	99.61	64.36	54.8 - 64.8
MW-4	5/29/2002	30.95	96.62	65.67	54.7 - 64.7
MW-4	9/5/2002	37.29	96.62	59.33	54.7 - 64.7
MW-4	4/29/2003	31.92	96.62	64.70	54.7 - 64.7
MW-4	7/11/2003	31.51	96.62	65.11	54.7 - 64.7
MW-4	10/16/2003	32.33	96.62	64.29	54.7 - 64.7
MW-4	1/21/2004	32.43	96.62	64.19	54.7 - 64.7

Notes: Depth to ground water is measured from the top of the riser pipe

Losey, Brett A.

From: Losey, Brett A.
Sent: Monday, September 20, 2004 1:27 PM
To: 'sharlene.tebeest@dot.state.wi.us'
Subject: Notification of Contamination within Right of Way

Dear Ms. Te Beest:

Attached to this email, I have included a letter serving as notification of contamination within the DOT right-of-way as required in NR 726.05 (2) (b) 4, Wisconsin Administrative Code. The site is located at 5881 Highway 133, Boscobel, WI. DATCP has approved closure and Terracon is currently in the process of producing a GIS registry packet so that the site may be listed on the GIS registry.

Please contact our office if you have any questions.

Sincerely,

Brett Losey

Terracon
Consulting Engineers & Scientists

2277 West Spencer Street
Appleton, WI 54914
Phone (920) 993-9096 x104
Fax (920) 993-9108
balosey@terracon.com

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Wisconsin Department of Transportation

Attn: Ms. Sharlene Te Beest

RE: Notification of Contamination within Right of Way
Former Thermogas Company
5881 Highway 133
Boscobel, Wisconsin
DATCP Case No. 96539090301
Terracon Project No. 38975002W

Dear Ms. Te Beest:

As required in NR 726.05 (2) (b) 4, Wisconsin Administrative Code, this letter serves as notification of contamination within the right of way described herein.

County: Grant
Right of Way: Highway 133
Site Name: Former Thermogas Site
Site Address: 5881 Highway 133, Boscobel, Wisconsin
DATCP Case No. 96539090301
Owner's Name: Mr. Ray Saint
Owner's Address: P.O. Box 83, Boscobel, WI 53805
Responsible Party's Name: Williams
Responsible Party's Address: One Williams Center, P.O. Box 3483, Tulsa, OK 74102-2400
Consulting Firm: Terracon
Consultant Contact: Blaine R. Schroyer
Consultant Address: 2277 West Spencer Street, Appleton, Wisconsin 54914
Consultant Phone: (920) 993-9096
Consultant Fax: (920) 993-9108
Consultant Email: brschroyer@terracon.com
Soil Contamination: no
Depth to Contaminated Soil: N/A
Vertical Extent of Contaminated Soil: N/A
Groundwater Contamination: yes
Depth to Water Table: Between 30 to 41 feet
Description of the type(s) of contamination present: Alachlor and nitrite-nitrate as nitrogen (NO_{2-3} as N)
Brief summary of cleanup activities: Excavation of 5,800 cubic yards of impacted soil in November 1999, groundwater sampling, and natural attenuation
Current plume map (soil): N/A
Current plume map (groundwater): Attached

Losey, Brett A.

From: TeBeest, Sharlene [sharlene.tebeest@dot.state.wi.us]
Sent: Tuesday, September 21, 2004 6:41 PM
To: Losey, Brett A.
Subject: RE:

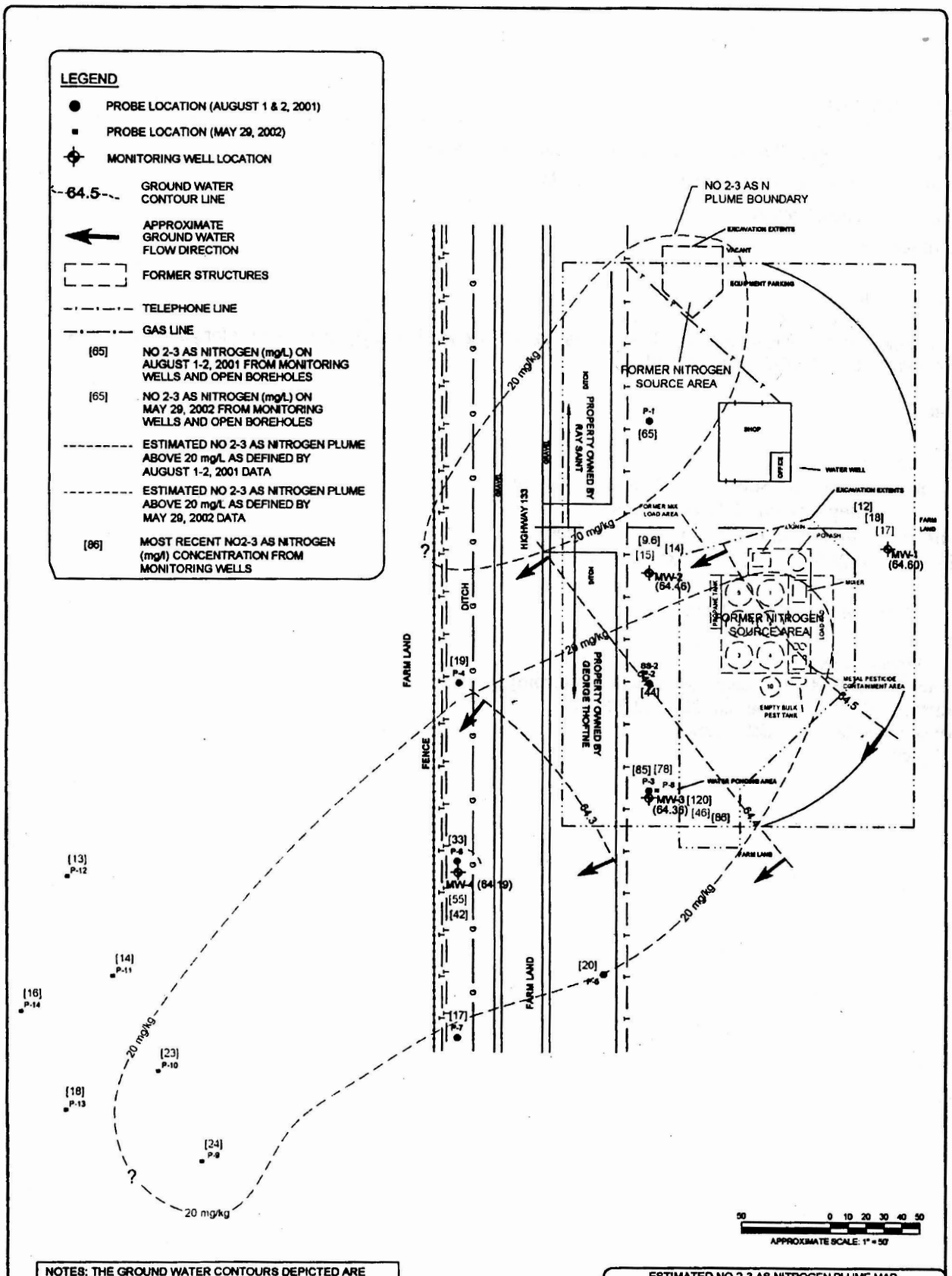
Thank you Brett,

I've received your notification for the Thermogas site. Please retain a copy of this e-mail for your records as confirmation that WisDOT was notified.

Shar

Shar Te Beest
Hazardous Materials Specialist /District 1 Liaison
Wisconsin Department of Transportation
Bureau of Equity and Environmental Services
Phone (608) 266-1476; Fax (608) 266-7818;
Cell (608) 692-4546
e-mail: sharlene.tebeest@dot.state.wi.us

-----Original Message-----
From: Losey, Brett A. [mailto:balosey@terracon.com]
Sent: Monday, September 20, 2004 12:22 PM
To: sharlene.tebeest@dot.state.wi.us
Subject:



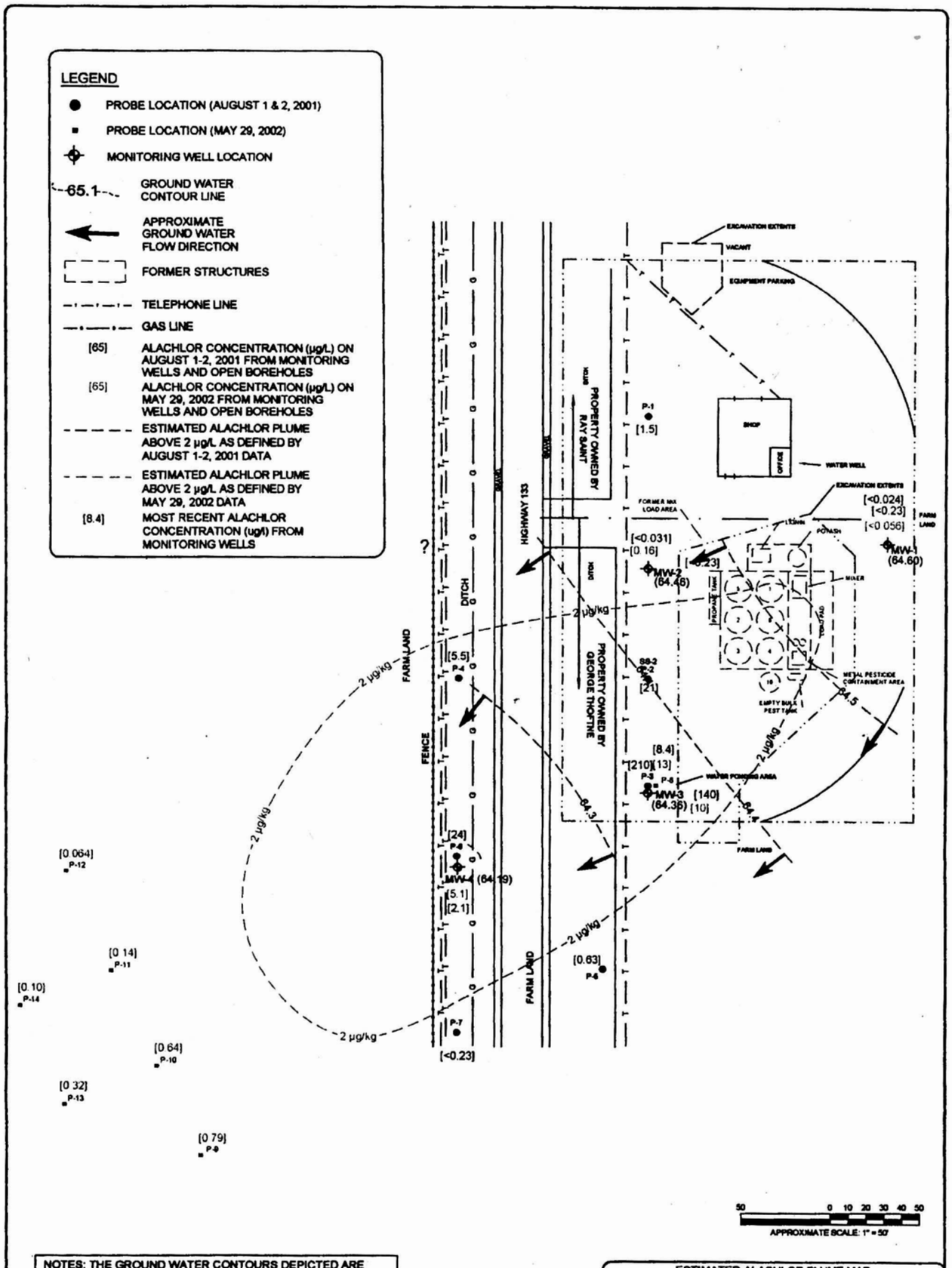
NOTES: THE GROUND WATER CONTOURS DEPICTED ARE BASED ON INTERPOLATION AND EXTRAPOLATION OF FLUID LEVEL DATA COLLECTED ON JANUARY 21, 2004. ACTUAL CONDITIONS MAY VARY.

THE ESTIMATED EXTENT OF PLUME WAS SELECTED USING THE AVAILABLE ANALYTICAL DATA AND LOCATIONS OF FORMER SOURCE AREAS

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

ESTIMATED NO 2-3 AS NITROGEN PLUME MAP
FORMER THERMOGAS COMPANY
BOSCOBEL, WI

Project Mngr: BRS	Terracon	Project No. 36875002W	
Designed By: JRV	2277 W. Spencer Street Appleton, WI 54914	Scale: AS SHOWN	
Checked By: BRS		Date: 6/10/02	
Approved By: BRS		Drawn By: BMS (41)	
File Name: figures\CADFiles\36875002W(base).dwg		Figure No. 8	



NOTES: THE GROUND WATER CONTOURS DEPICTED ARE BASED ON INTERPOLATION AND EXTRAPOLATION OF FLUID LEVEL DATA COLLECTED ON JANUARY 21, 2004. ACTUAL CONDITIONS MAY VARY.

THE ESTIMATED EXTENT OF PLUME WAS SELECTED USING THE AVAILABLE ANALYTICAL DATA AND LOCATIONS OF FORMER SOURCE AREAS

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

ESTIMATED ALACHLOR PLUME MAP
FORMER THERMOGAS COMPANY
BOSCOBEL, WI

Project Mngr:	BRS	Terracon	Project No.	38975002W
Designed By:	JRV	2277 W. Spencer Street Appleton, WI 54914	Scale:	AS SHOWN
Checked By:	BRS		Date:	6/10/02
Approved By:	BRS		Drawn By:	BMS (41)
File Name:	figures\CADFiles\38975002W(base).dwg		Figure No.	9