



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8364
FAX 414-263-8716
TTY 414-263-8713

May 7, 2002

Mr. Steven Grassl
43 St. John Blvd
Englewood, FL 34223

Subject: Final closure, petroleum contamination at the former Grassl residence, 4474 Rover Road, Waubeka, WI WDNR **FID#246000590 BRRTS #0346269286**

Dear Mr. Grassl:

On July 6, 2001, you were notified that conditional closure was granted to the above-referenced case. The Department has subsequently received correspondence indicating that you have complied with the conditions of closure. Based on the correspondence and data provided, it appears that this case has met the requirements of ch. NR 726, Wis. Adm. Code. The Department considers the case closed and no further investigation, remediation or other action is required at this time.

This site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm>

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

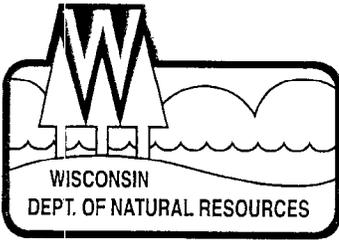
Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (414) 263-8364.

Sincerely,

Nancy D. Ryan, Hydrogeologist
Bureau for Remediation & Redevelopment

cc: SER site file
Kris King, Key Engineering
Ronald Stadler and Kelly Centofanti



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary

Southeast Region Annex
4041 North Richards Street
P.O. Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-229-0800
FAX 414-229-0811

July 6, 2001

Steven Grassl
43 St. John Blvd.
Englewood, FL 34223

Dear Mr. Grassl:

Subject: Petroleum contamination at former Grassl residence, 4474 Rover Rd., Waubeka, file reference FID #246000590, BRRTS #0346269286

I have reviewed your case file based on documents submitted by Key Engineering Group, Ltd. Based on this information I agree with Key in that no further work is needed. The department reserves the right to reopen this case pursuant to s. NR726.09, Wisconsin Administrative Code (WAC), should additional information regarding site conditions indicate contamination on or from the site poses a threat to public health, safety or welfare or the environment.

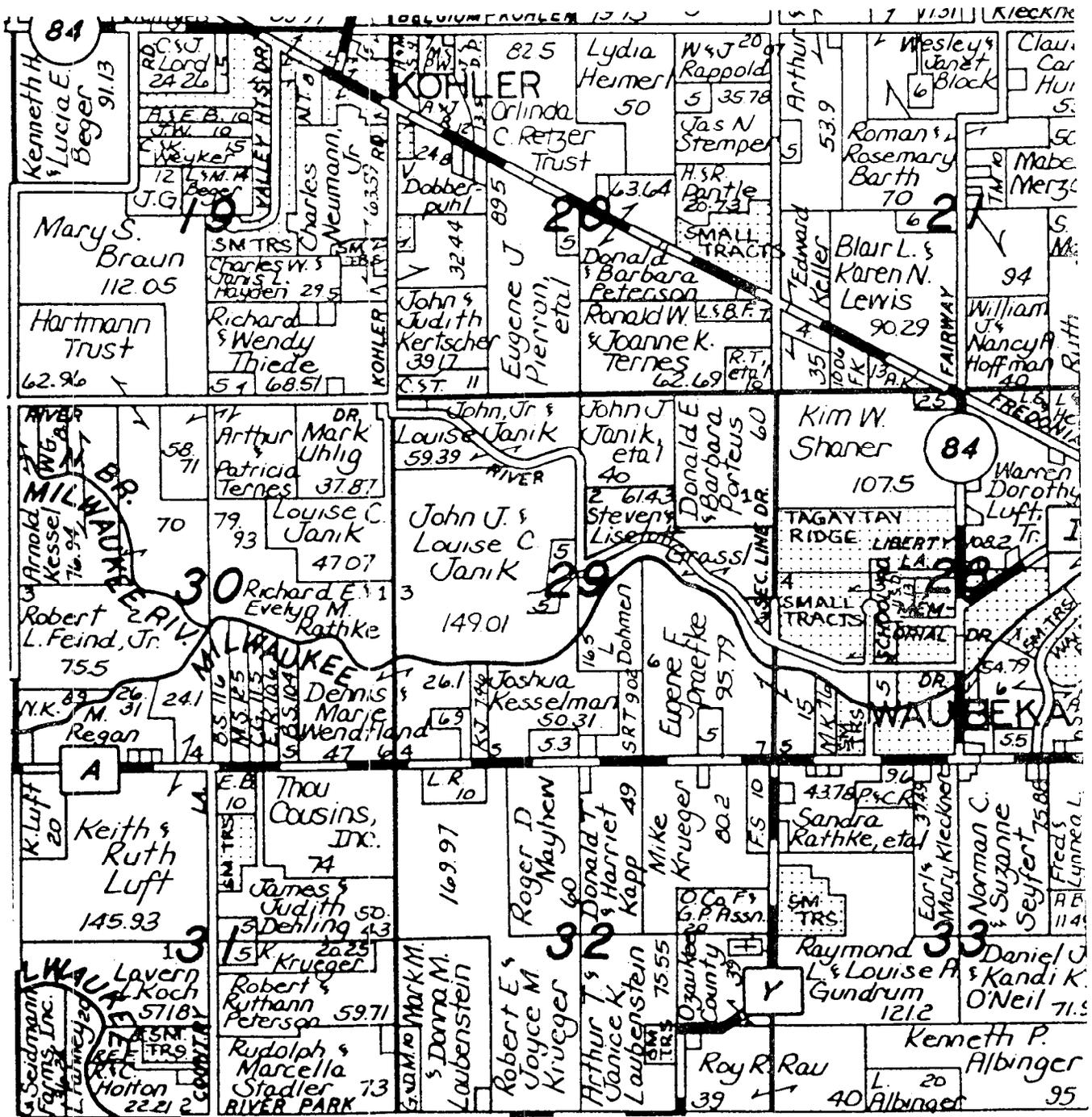
To complete the closure of this site, you must place a groundwater use restriction on the property or wait until the property can be added to the GIS database. I understand that you prefer the second course of action; therefore, this case will remain as conditionally closed until that happens.

Any contaminated soil excavated in the future on the property must be properly disposed of, and you must submit the disposal records to the department. If you have any questions about this letter, please call me at 414-229-0850.

Sincerely

John Feeny
Wisconsin Department of Natural Resources

Cc: Key Engineering Group, Ltd.
SER File



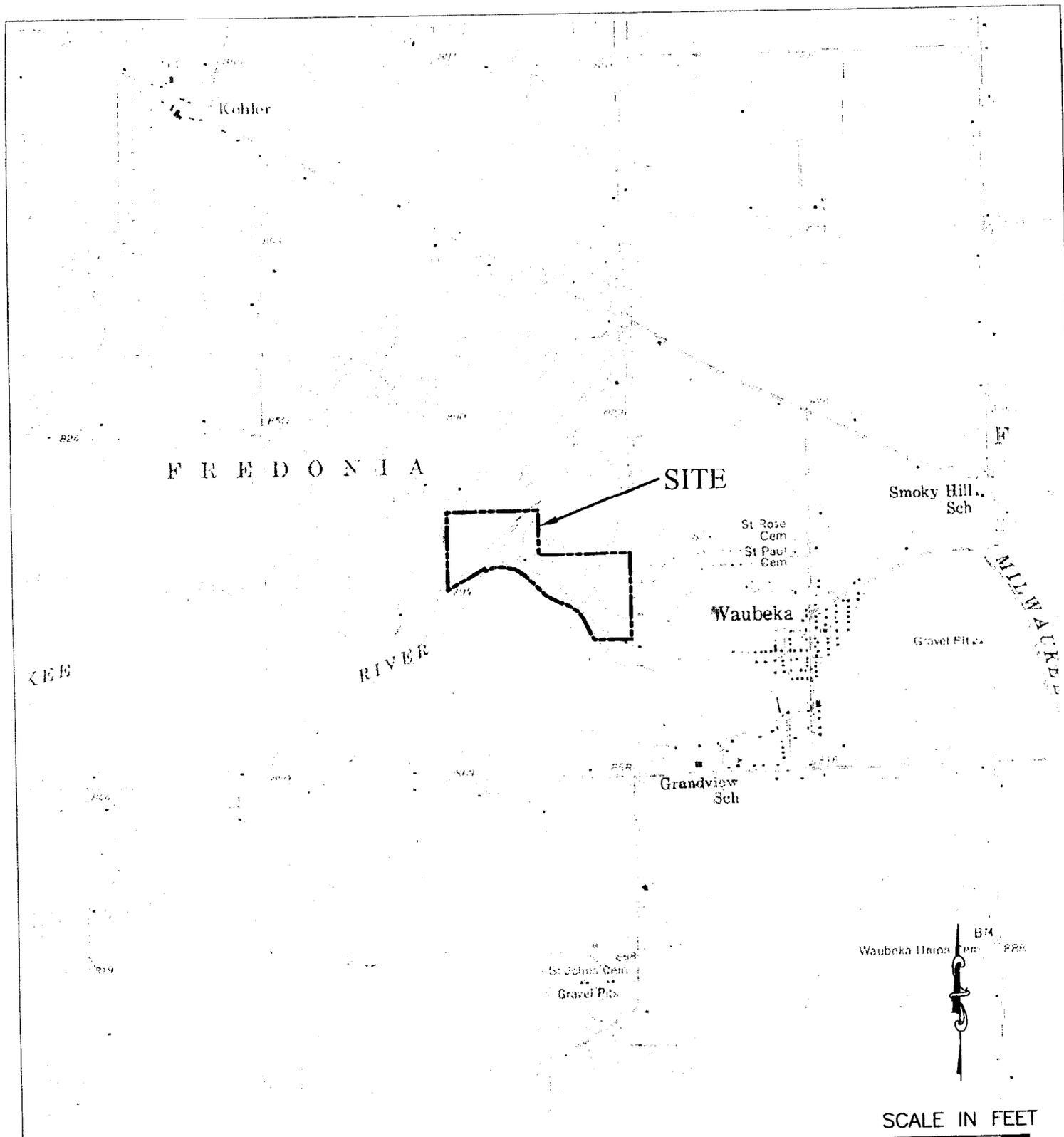
© 2001 Key Engineering Group Ltd.

DESIGNED BY KTK	DATE 11/29/01
DRAWN BY CS	PROJECT 1011002
APPROVED BY CLJ	SHEET NO.
CADFILE & \ACAD\1011002\1011002.dwg	
XREF LMAN	

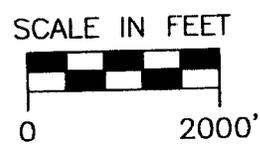
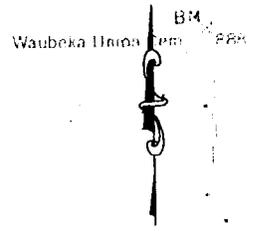
PLAT MAP

FORMER GRASSL RESIDENCE
4474 RIVER ROAD
WAUBEKA, WISCONSIN





SOURCE: USGS Newburg, Wisconsin Quadrangle Map
 Topographic Map 1959
 Revised 1994
 USGS Port Washington West, Wisconsin Quadrangle Map
 Topographic Map 1959
 Photorevised 1971 and 1976
 Minor Revision 1994



© 2001 Key Engineering Group Ltd.

DESIGNED BY KTK	DATE 11/29/01
DRAWN BY CS	PROJECT 1011002
APPROVED BY GLJ	SHEET NO.
CADFILE @ \\CAD\1011002\10110024.dwg	
XREF LMAN	

SITE LOCATION MAP
 FORMER GRASSL RESIDENCE
 4474 RIVER ROAD
 WAUBEKA, WISCONSIN



QUONSAT

BARN

VENT PIPE FOR AST
FILL PIPE FOR AST
POTABLE WELL

GARAGE

POOL

RESIDENCE

SS-1
FORMER UST LOCATION

SS-2

B-1/
TW-1
LANDSCAPE WALL

GP-4

GP-5

APPROXIMATE LOCATION OF UNDERGROUND ELECTRIC CONDUIT

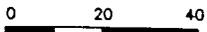
RIVER ROAD



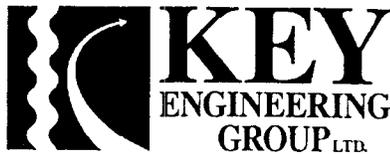
LEGEND

- ⊙ SOIL SAMPLE LOCATION
- GEOPROBE LOCATION

© 2001 Key Engineering Group Ltd.



SCALE: 1"=40'



SITE LAYOUT

FORMER GRASSL RESIDENCE
4474 RIVER ROAD
WAUBEKA, WISCONSIN

DRN. BY:	J.J.J.	DATE:	03/02/01
DSN. BY:	K.T.K.	FILE NO.:	1011002
CHK. BY:	K.T.K.	DWG. NO.:	10110020
REV. BY:	G.L.J.	SHEET NO.:	2

QUONSAT

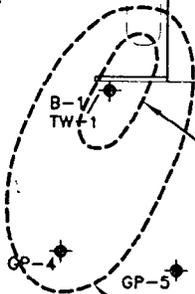
direction of gw flow
↓

BARN

POTABLE WELL
GARAGE

POOL

RESIDENCE



ESTIMATED EXTENT
GREATER THAN ES

ESTIMATED EXTENT
GREATER THAN PAL

RIVER ROAD

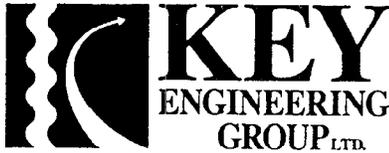
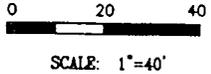


LEGEND

◆ TEMPORARY GROUNDWATER
MONITORING WELL LOCATION

ES: NR 140 ENFORCEMENT STANDARD
PAL: NR 140 PREVENTIVE ACTION LIMIT

© 2001 Key Engineering Group Ltd.



NAPHTHALENE GROUNDWATER
CONTAMINANT PLUME

FORMER GRASSL RESIDENCE
4474 RIVER ROAD
WAUBEKA, WISCONSIN

DRN. BY:	J.J.J.	DATE:	12/04/01
DSN. BY:	K.T.K.	FILE NO.:	1011002
CHK. BY:	K.T.K.	DWG. NO.:	10110025
REV. BY:	G.L.J.	SHEET NO.:	3

SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

FORMER GRASSL RESIDENCE

4474 River Road
Waubeka, Wisconsin

PARAMETERS	SAMPLE IDENTIFICATION				NR 140	
	TW-1	GP-4	GP-5	PW-1*	ES	PAL
Date Collected	12/4/2000	1/8/2001	1/8/2001	1/24/2001	---	---
VOCs (mg/kg)						
Benzene	1.9	3.3	0.41 J	<0.39	5	0.5
sec-Butylbenzene	13	4.5	<0.22	<0.48	---	---
n-Butylbenzene	29	3.9	<0.29	<0.43	---	---
Ethylbenzene	7	11	0.26 J	<0.4	700	140
Isopropylbenzene	12	5.8	<0.15	<0.38	---	---
p-Isopropyltoluene	7.1	2.7	<0.2	<0.44	---	---
Methyl tert-butyl Ether	<0.47	4.6	<0.53	<0.47	60	12
Naphthalene	41	12	<0.68	<0.53	40	8
n-Propylbenzene	12	7.6	<0.18	<0.42	---	---
Toluene	6	5.5	2.2	<0.37	1,000	200
Trimethylbenzenes	38	27.3	0.25 J	<1.03	480	96
Xylenes	26.9	19.3	0.24 J	<1.43	10,000	1,000

Notes:

Bold values exceed the NR 140 PAL

Shaded values exceed the NR 140 ES

* - on-site potable well

--- - not applicable, not analyzed or not established

ES - enforcement standard

J - analyte detected between limit of detection and limit of quantitation

PAL - preventive action limit

µg/kg - micrograms per kilogram

VOCs - volatile organic compounds

December 27, 2001

Program Assistant
Wisconsin Department of Natural Resources
Southeast Region Headquarters
2300 North Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-0436

Reference: *Geographic Information System Registry*
Former Grassl Residence
4474 River Road
Waubesa, Wisconsin 53021
WDNR BRRTS #: 03-46-269286
WDNR FID #: 246000590
Ozaukee County PIN #: 04-029-03-004.00

To Whom it May Concern:

I, Stephen Grassl, do hereby declare to the best of my knowledge that the following legal property description represents completely and accurately the above referenced property for which I am requesting listing on the Wisconsin Department of Natural Resources Geographic Information System Registry of Closed Remediation Sites.

That part of Government Lots 1 and 2 in Fractional Section 29, Township 12 North, Range 21 East, in the Town of Fredonia, Ozaukee County, Wisconsin, bounded and described as follows: Commencing at the stone monument set at the Southeast corner of the Northeast Fractional $\frac{1}{4}$ of Section 29 aforesaid; thence North $0^{\circ} 05'$ West along the East line of Government Lot 1, aforesaid, 681.50 feet to a point which is 1980 feet South of the Northeast corner of the Northeast Fractional $\frac{1}{4}$ Section of 29 aforesaid; thence South $89^{\circ} 20'$ West on a line which is parallel to the North line of said $\frac{1}{4}$ Section 1329 feet to a point in the East line of Government Lot 2; thence North $0^{\circ} 02'$ West along the East line of Government Lot 2 aforesaid 660 feet to the Northeast corner of Government Lot 2 aforesaid, which is 1320 feet South of the North line of said $\frac{1}{4}$ Section; thence South $89^{\circ} 20'$ West along the North line of Government Lot 2 aforesaid, which is 1320 feet South of and parallel to the North line of said $\frac{1}{4}$ Section, 1328.5 feet to the Northwest corner of Government Lot 2 aforesaid; thence South along the West line of Government Lot 2 aforesaid 1143.7 feet to a point where the center line (extended) of a public road intersects the West line of Government Lot 2; thence North $61^{\circ} 05'$ East along the center line of said public road and its extension, 620 feet to a point; thence South $28^{\circ} 55'$ East on a line at right angles to the last above mentioned course, 30 feet to the Northerly shore of the Milwaukee River; thence Easterly and Southeasterly along said shore line 2000 feet, more or less, to a point where a line drawn 594 feet South of and parallel to the South line of the Northeast Fractional $\frac{1}{4}$ of Section 29 aforesaid, intersects with said shore line; thence North $89^{\circ} 43'$ East on a line, which is 594 feet South of and parallel to the South line of the Northeast Fractional $\frac{1}{4}$ of Section 29 aforesaid, 500 feet to a point in the East line of Government Lot 1, thence North $0^{\circ} 05'$ West along the East line of Government Lot 1 aforesaid, 594 feet to the place of beginning.

EXCEPTING THEREFROM,

That part of the Southeast $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ and the Northeast $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ or Government Lot 1 of Section 29, Township 12 North, Range 2^d East in the Town of Fredonia, Ozaukee County, Wisconsin, bounded and described as follows: Beginning at the East $\frac{1}{4}$ corner of said Section 29; thence South $00^{\circ} 05' 14''$ East 594.00 feet; thence South $89^{\circ} 45' 11''$ West 503.32 feet to the waters edge of the Milwaukee River; thence Northwesterly 663 feet more or less along the Milwaukee River; thence North $00^{\circ} 05' 12''$ West, 734.01 feet; thence North $89^{\circ} 39' 01''$ East 912.08 feet; thence South $00^{\circ} 05' 12''$ East, 665.11 feet to the point of beginning.

Please find a copy of the property deed for the above referenced property and a recorded plat map attached.

Signed: Steven Grassl

Date: 12/31/81

Steven Grassl

SUMMARY OF GEOGRAPHIC COORDINATES

Former Grassl Residence
4474 River Road
Waubeka, Wisconsin

APPROXIMATE SUBJECT SITE LOCATION	GEOGRAPHIC COORDINATES
Northwest corner	Latitude: 43°28' 48.25" North Longitude: 88°00' 36.40" West
Southwest corner	Latitude: 43°28' 38.32" North Longitude: 88°00' 36.41" West
Northeast corner	Latitude: 43°28' 41.55" North Longitude: 88°00' 1.84" West
Southeast corner	Latitude: 43°28' 30.38" North Longitude: 88°00' 2.19" West

WTM Coordinates

681235, 335837