

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

This is a:	New Submittal
BRRTS ID (no dashes):	0357001145
Comm # (no dashes):	53959174001
County:	Sauk
Region:	Commerce
Site name:	Leuth Service Station
Street Address:	1001 E Main St
City:	Reedsburg
Closure Date	2000-07-12
Closure Conditions:	met
Offsite contamination?	No
Right-of-way contamination?	Yes
Contaminated media:	Groundwater
GPS Coordinates (meters in the <b>WTM91</b> projection)	
Easting (X):	571244.20373
Northing (Y):	290191.59823
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  
PECFA  
P.O. Box 8044  
Madison, Wisconsin 53708-8044  
TDD #: (608) 264-8777  
Fax #: (608) 267-1381  
www.commerce.wi.us  
Tommy G. Thompson, Governor  
Brenda J. Blanchard, Secretary

July 12, 2000

Charles Leuth  
Leuth Service Station  
1001 E. Main Street  
Reedsburg, WI 53959

**RE: COMMERCE # 53959-1740-01**  
Leuth Service Station, 1001 E. Main Street, Reedsburg, WI

Two 550-gallon leaded gasoline USTs removed during 1952; Two 1,000-gallon unleaded and one 1,000-gallon leaded gasoline USTs removed during December 1988; and 550-gallon fuel oil, 550-gallon waste oil, and 250-gallon leaded gasoline USTs removed during October 1998.

**Case Closure**

Dear Mr. Leuth:

This letter acknowledges receipt of the monitoring well abandonment documentation, copy of recorded, executed deed notification, and copy of notice given to the City of Reedsburg Director of Public Works. The above-referenced site will now be listed as "closed" on our computer database, as described in my letter dated June 6, 2000.

Thank you for your efforts in the protection of the environment. If you have any questions, you can reach me at (608) 264-8766.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Swimm', written in a cursive style.

David E. Swimm  
Hydrogeologist  
PECFA Site Review Section

cc: Kenneth Gradall, MSA  
Electronic case file



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 20 day of JUNE, 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

LEUTH SERVICE STATION

Signature: Charles E. Leuth

Printed Name: CHARLES E. LEUTH

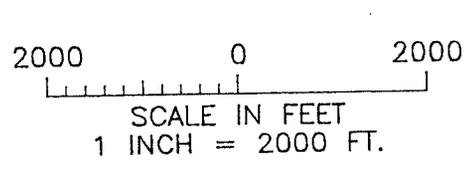
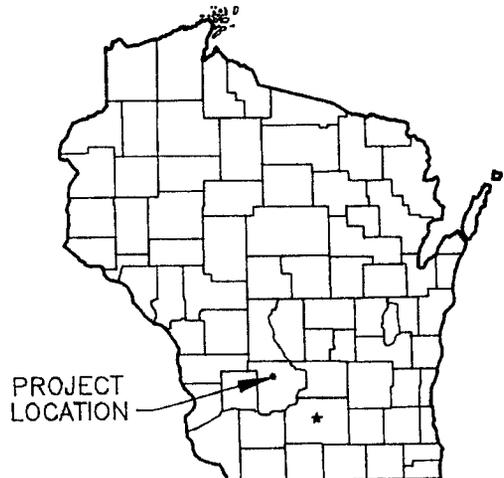
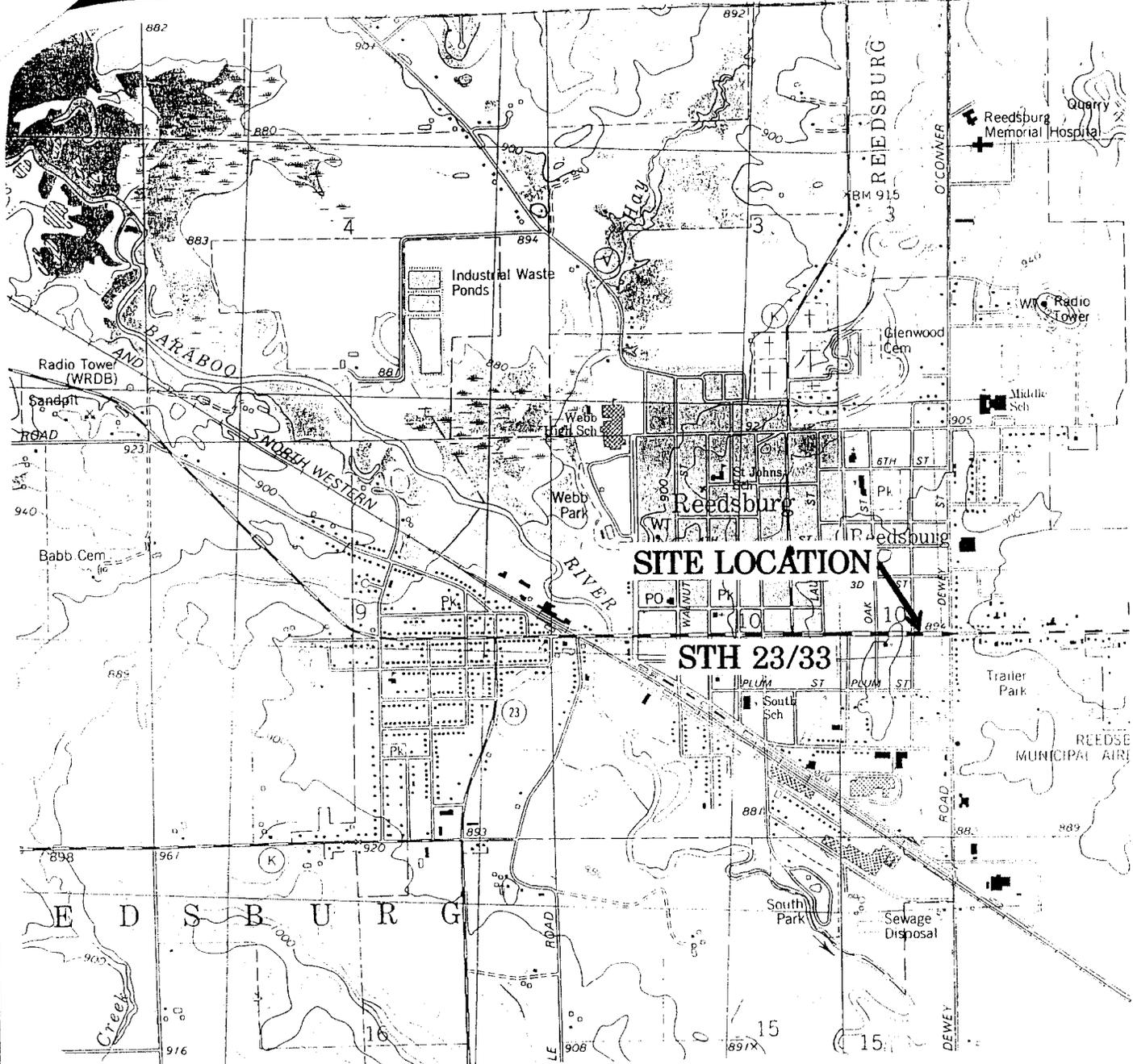
Title: OWNER

Subscribed and sworn to before me  
this 20th day of June, 2000

DALE MOORE  
Notary Public, State of WISC. SAUK Co.  
My commission 8-12-2001

This document was drafted by the Wisconsin Department of Commerce.





Reedsburg East & West Quadrangles  
 Wisconsin—Sauk Co.  
 7.5 Minute Series (Topographic)  
 Contour Interval 20 Feet  
 1975

**FIGURE 1**  
**SITE LOCATION MAP**

LEUTH'S MOBIL  
 REEDSBURG, WISCONSIN

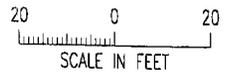
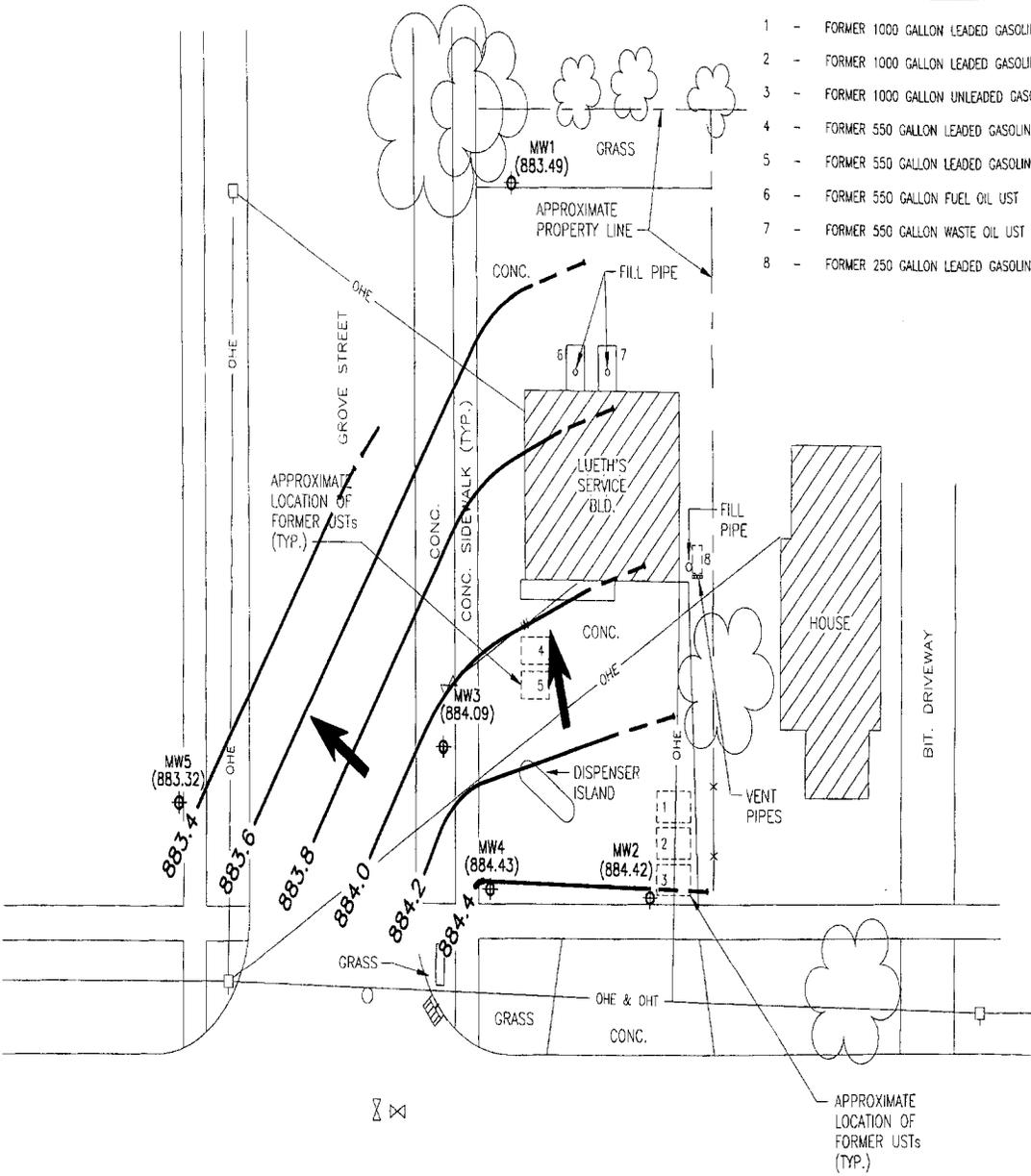


**LOCATIONS OF FORMER USTs**

- 1 - FORMER 1000 GALLON LEADED GASOLINE UST
- 2 - FORMER 1000 GALLON LEADED GASOLINE UST
- 3 - FORMER 1000 GALLON UNLEADED GASOLINE UST
- 4 - FORMER 550 GALLON LEADED GASOLINE UST
- 5 - FORMER 550 GALLON LEADED GASOLINE UST
- 6 - FORMER 550 GALLON FUEL OIL UST
- 7 - FORMER 550 GALLON WASTE OIL UST
- 8 - FORMER 250 GALLON LEADED GASOLINE UST

**LEGEND**

- MW1 (883.49)  MONITORING WELL LOCATION WITH WATER TABLE ELEVATION
- 884.4 WATER TABLE CONTOUR (CONTOUR INTERVAL 0.2 FT., DASHED WHERE INFERRED)
-  GROUNDWATER FLOW DIRECTION



**FIGURE 5**  
**GROUNDWATER FLOW DIRECTION**  
**OCTOBER 15, 1999**  
**LEUTH'S SERVICE STATION**  
**REEDSBURG, WISCONSIN**

**NSA** TRANSPORTATION • MUNICIPAL • REMEDIATION  
 DEVELOPMENT • ENVIRONMENTAL  
 1230 South Rowland, Reedsburg, WI 53953  
 609-256-2771 • 1-800-362-4205 Fax: 609-256-2770

DRAWN BY: RHM DATE: 3-15-00 SHEET: 1 OF 1  
 DESIGNED BY: SCALE: AS NOTED FILE NO.: 219314CE

MAIN STREET (S.T.H. 23 & 33)

TABLE 4  
GROUNDWATER MONITORING RESULTS  
LEUTH'S MOBIL, REEDSBURG, WISCONSIN

SAMPLING DATE	Ethyl				Total		Naphthalene	ORP (mV)	DO (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Iron (mg/L)	Lead
	Benzene	benzene	Toluene	Xylenes	TMB	MTBE							
NR 140 ES	5	700	343	620	480	60	40						15
NR 140 PAL	0.5	140	68.6	124	96	12	8						1.5
MW1	01/26/1994	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0						<2.0
	02/22/1994	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0						
	03/16/1998	<0.3	<0.2	<0.2	<0.8	<0.6	<0.2		4.2	1.49	35	0	
	07/29/1998	<0.2	<0.3	<0.2	<0.9	<0.3	<0.2		3.6	1.68	36.2	0	
	10/27/1998	<0.35	<0.39	<0.36	<1.57	<0.47	<0.45		2.6	1.2	36	0	
	01/25/1999	<0.5	<0.54	<0.52	<1.5	<0.55	<0.47		127	4.43	1.5	31	0
	04/29/1999	<0.22	<0.23	<0.21	<0.52	<0.21	<0.27		138	2.23	1.6	20	0
	08/02/1999	<0.5	<0.55	<0.52	<1.0	<0.55	<0.47		155	1.54	0.91	26	0
	10/15/1999	<0.2	<0.3	<0.2	<0.6	<0.3	<0.2		118	1.88	0.87	34.6	0
MW2	01/26/1994	<1.0	<1.0	1	<3.0	12.4	<1.0	2.7					<2.0
	02/22/1994	<1.0	<1.0	<1.0	<3.0	12.5	<1.0	<1.0					
	03/16/1998	<0.3	<0.2	<0.2	<0.8	<0.6	<0.2	<1.1		8.1	9.22	82.2	0
	07/29/1998	<0.2	<0.3	<0.2	<0.9	<0.3	<0.2	2.8		4.4	18.6	572	0
	10/27/1998	<0.35	<0.39	<0.36	<1.57	0.74	<0.45	<0.034	79	2.1	11	110	0
	01/25/1999	<0.5	<0.54	<0.52	<1.5	1.2	<0.47			4.9	10	93	0
	04/25/1999	<0.22	<0.23	<0.21	<0.52	<0.21	0.76	1.8	110	2.17	5.2	16	0
	08/02/1999	<0.5	<0.55	<0.52	<1.0	<0.55	<0.47	<0.52	146	1.14	3.5	72	0
	10/15/1999	<0.2	<0.3	<0.2	<0.6	0.8	<0.2	<1.7	113	0.93	2.38	52.6	0
MW3	01/26/1994	<b>21</b>	<b>160</b>	<b>330</b>	<b>720</b>	<b>268</b>	<10	<b>39</b>					<b>3</b>
	02/22/1994	<b>&lt;5</b>	<b>400</b>	<b>770</b>	<b>1800</b>	<b>590</b>	<50						
	03/16/1998	<b>180</b>	<b>850</b>	<b>2200</b>	<b>6200</b>	<b>2480</b>	<20	<b>360</b>		1.1	<0.14	55.1	6
	07/29/1998	<b>70</b>	<b>650</b>	<b>1600</b>	<b>3500</b>	<b>1310</b>	<10	<b>350</b>		1.4	7.82	42.3	0.6
	10/27/1998	<b>300</b>	<b>1000</b>	<b>4400</b>	<b>4220</b>	<b>1340</b>	<110	<b>430</b>		1	0.16	28	8.4
	01/25/1999	<b>300</b>	<b>930</b>	<b>3800</b>	<b>4500</b>	<b>1620</b>	<47		43	2.3	0.096	20	7.2
	04/25/1999	<b>260</b>	<b>1300</b>	<b>3600</b>	<b>6000</b>	<b>1640</b>	<110	<b>660</b>	72	1.3	0.046	39	7.4
	08/02/1999	<b>&lt;50</b>	<b>360</b>	<b>310</b>	<b>1940</b>	<b>1080</b>	<47	<b>290</b>	127	1.47	21	89	0.6
	10/15/1999	<b>230</b>	<b>590</b>	<b>1200</b>	<b>3510</b>	<b>1640</b>	<20	<b>320</b>	109	1.33	<0.14	62.6	1.2
MW4	01/26/1994	<b>12</b>	20	35	118	<b>147</b>	<2.0	<b>14</b>					<2.0
	02/22/1994	<b>20</b>	21	57	120	70	5						
	03/16/1998	<b>21</b>	<2.0	12	<b>314</b>	<b>170</b>	<2.0	<b>49</b>		1.4	5.69	64.7	0
	07/29/1998	<0.2	<0.3	<0.2	0.8	1.2	<2.0	<1.7		5	20.9	86.3	0
	10/27/1998	<b>1.4</b>	<0.78	1.8	31.3	3.2	27	3.9		2	12	39	0
	01/25/1999	<b>56</b>	19	68	<b>211</b>	65	<0.47		46	2.9	3.7	45	0
	04/25/1999	<b>65</b>	42	<b>81</b>	<b>330</b>	73	<2.1	<b>42</b>	87	1.77	22	28	0
	08/02/1999	<b>14</b>	7.2	31	99	23.4	<0.47	<b>10</b>	158	1.55	15	49	1.2
	10/15/1999	<b>60</b>	32	50	<b>310</b>	<b>126</b>	<1.0	<b>46</b>	114	1.21	17.2	60.3	0.4
MW5	03/16/1998	<0.3	<0.2	0.2	<0.8	<0.6	<0.2	<1.1		1.1	9.02	21.8	0.6
	07/29/1998	<0.2	<0.3	<0.2	<0.9	<0.3	<0.2	2.8		6.2	7.45	29.5	0
	10/27/1998	<0.35	<0.39	<0.36	<1.57	<0.47	<0.45	<0.034		6.6	8.8	14	0
	01/25/1999	<0.5	<0.54	<0.52	<1.5	<0.55	<0.47		87	5.9	9	14	0
	04/25/1999	<0.22	<0.23	<0.21	<0.52	<0.21	<0.27	<0.35	152	3.51	27	13	0
	08/02/1999	<0.5	<0.55	<0.52	<1.0	<0.55	<0.47	<0.52	109	3.55	5.7	14	0
	10/15/1999	<0.2	<0.3	<0.2	<0.6	<0.3	<0.2	<1.7	82	3.16	9.33	19.2	0

All concentrations are in ug/L, unless otherwise indicated

blank = not analyzed

TMB = trimethylbenzene

MTBE = methylterbutyl ether

GRO = gasoline range organics

Values in BOLD exceed the Wisconsin Administrative Code NR 140 preventive action limit (PAL)

Shaded values exceed the Wisconsin Administrative Code NR 140 enforcement standard (ES)

DO = Dissolved Oxygen

This table only includes compounds which are monitored quarterly at this site.

For a complete list of compounds detected, see site investigation reports.