

GIS Registry Data Sheet
Northern Region

Type of Submittal: New Update PDF Only

BRRTS # 03-26-171231 County: Iron

Site Name: Former Wood's Resort

Closure Decision Date: 2/1/2001

Street: _____ City: _____

Off Site Contamination Yes No

Right of Way Contamination Yes No

Geo - Location Information:

X Coordinate: _____ Y Coordinate: _____

Latitude: _____ Longitude: _____

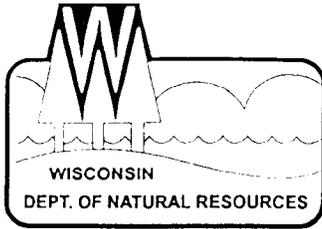
Latitude: ____deg ____min ____sec Longitude: ____deg ____min ____sec

Required

- Conditional Closure Letter
- Final Closure Letter
- Deeds for all properties with ES exceedance in Groundwater *on G-Well*
- GPS location (latitude and longitude) for all properties with ES exceedance
- Location map
- Detailed Site Map
- Groundwater Flow Direction Diagram including location of monitoring wells and all drinking water wells
- Latest Groundwater Plume Map with Groundwater Flow Direction
- Latest Table of Analytical Results for Groundwater

If Available, include the following:

- Metes and Bounds Legal Description
- Tax Parcel Number
- Geologic cross sections showing soil and groundwater contaminant source extent and location, isoconcentrations for all groundwater contaminants that exceed NR 140 enforcement standards, water table and piezometric elevations, and the extent, location and elevation of geologic units, bedrock, and confining units



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
William H. Smith, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhineland, Wisconsin 54501-0818
Telephone 715-365-8900
FAX 715-365-8932
TDD 715-365-8957

May 17, 2001

Ms. Judy Wesolowski
3290 Lakeview Rd
Apt 8A
Mercer, WI 54547

Subject: Former Weso's Resort, 2510 Martha Lake Rd, Mercer, WI
BRRTS # 03-26-171031 PECFA # 54547-9510-10

Dear Ms. Wesolowski:

The above-referenced site has been reviewed for closure by the Northern Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On February 7, 2001, you were notified that the Closure Committee had granted conditional closure to this case.

On May 9, 2001, the Department received correspondence indicating that you have complied with the conditions of closure, specifically, the recording of a groundwater use restriction for the site, the abandonment of the monitoring wells on site, and the publishing of a notice of remaining soil contamination at the site. Based on the correspondence and the data provided, it appears that your site has been remediation to Department standards in accordance with NR 726.05, Wis Adm Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

However, please be aware that this case may be reopened pursuant to 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 715-365-8990.

Sincerely,
NORTHERN REGION

Janet Kazda
Remediation and Redevelopment Program

→ c: File

Brenda Halminiak
Sand Creek Consultants
PO Box 1512
Rhineland, WI 54501



Quality Natural Resources Management
Through Excellent Customer Service



123557
Document Number

GROUNDWATER USE RESTRICTION

APR 30 2001

VOL 230 PAGE 785

Declaration of Restrictions

In Re:

Located in the TOWN OF MERCER. IRON COUNTY, WISCONSIN.

All that part of Government Lot 1, Section 36, Township 43 North, Range 3 East, more particularly described as follows:

Parcel 1

Commencing at the meander corner on the range line between Section 36, Township 43 North, Range 3 East, and Section 31, Township 43 North, Range 4 East, on the South bank of Tank or Grand Portage Lake;
thence Westerly along the lakeshore 350 feet to an iron pipe, the POINT OF BEGINNING;
thence S25° West along the shore of Tank Lake 117.5 feet;
thence N88° West along the shore of Tank Lake, 277.5 feet to the South bank of Tank Lake Creek;
thence S36° West along the South bank of Tank Creek, 314.3 feet to an iron stake;
thence S61° East 836 feet to the North side of Martha Lake Highway;
thence N67° East along the North side of said Highway 122 feet to the West side of Tank Lake Road;
thence North along Tank Lake Road, 204.5 feet;
thence N33° West 600 feet to the POINT OF BEGINNING.

Excepting all oil, gas, ores and mineral interests of record and subject to any mining and development rights thereto.

Parcel 2

Commencing at a point which is South on the range line between Sections 36, Township 43 North, Range 3 East and Section 31, Township 43 North, Range 4 East, 285.0 feet from the meander corner on the South side of Tank Lake;
thence South on the range line 424.0 feet to an iron pipe;
thence N33° West 600 feet, more or less, to a pipe on the shore of Tank Lake;
thence Northeasterly along the lakeshore 150 feet, more or less, to a point being the Northwesterly corner of the parcel of land in Volume 107 Records, Page 211;
thence S24°26'E, 268 feet along the Westerly line of the parcel of land described in Volume 107 Records, Page 211 to an iron pipe;
thence N57°4'E, along the Southerly line of the parcel described in Volume 107 Records, Page 211, to the POINT OF BEGINNING.

Excepting all oil, gas, ores and mineral interests of record and subject to any mining and development rights thereto.

Parcel 3

Commencing at an iron stake on the Southeast corner of that parcel of land as described in Volume 32 Deeds, page 342:
thence running in a Southeasterly direction 100 feet to an iron stake on the West side of Martha Lake Highway;
thence running in a Northwesterly direction 1000 feet, more or less, to an iron stake on the highlands on the East shoreline of Grand Portage Creek;
thence running in a Northeasterly direction along the East shoreline of Grand Portage Creek, 100 feet, more or less, to an iron stake being the Southwestern corner as described in Volume 32 Deeds, Page 342;
thence Southeasterly, parallel to the South boundary line of land described in Volume 32 Deeds, Page 342, to an iron stake, the POINT OF BEGINNING.

EXCEPTING THEREFROM the Easterly 290 feet of said parcel of land as described in Volume 87 Records, Page 303.

Excepting all oil, gas, ores and mineral interests of record and subject to any mining and development rights thereto.

REGISTER'S OFFICE
IRON COUNTY, WIS.

Received for Record the 17 day of
April 2001 at 3:29 o'clock
P. M. and duly recorded in Vol. 230
of Records on Page 785-788
John Trautz
Register of Deeds

Recording Area

Name and Return Address:

Mr. Jack English ✓
P.O. Box 129
Mercer, WI 54547

12 2240-0000
Parcel Identification Number (PIN)

123557

STATE OF WISCONSIN)
) ss
COUNTY OF IRON)

VOL 230 PAGE 786

WHEREAS, Jack B. English and Gael English are the owners of the above-described property.

WHEREAS, one or more gasoline discharges have affected this property. Benzene-contaminated groundwater above ch. NR 140, Wis. Adm. Code, enforcement standards existed on this property at the following locations on the following dates:

Monitoring Well	Date	Benzene Concentration
MW-IR	11/00	9.5 ppb

A map, Figure 1, showing monitoring well locations and approximate extent of groundwater contamination is attached and hereby made a part of this restriction.

WHEREAS, it is the desire and intention of the property owners to impose on the property restrictions which will make it unnecessary to conduct further groundwater or soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140, Wis. Adm. Code, groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809, Wis. Adm. Code, is restricted by chs. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owners hereby declare 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 limitation and 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 requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed on this property unless applicable requirements are met.

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any

123557

extracted groundwater shall be managed in compliance with applicable statutes and rules.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

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 one or more of the restrictions set forth in this covenant is no longer required. Upon the 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, attached to a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

IN WITNESS WHEREOF, the owners of the property have executed this Declaration of Restrictions, this 10th day of April, 2001.

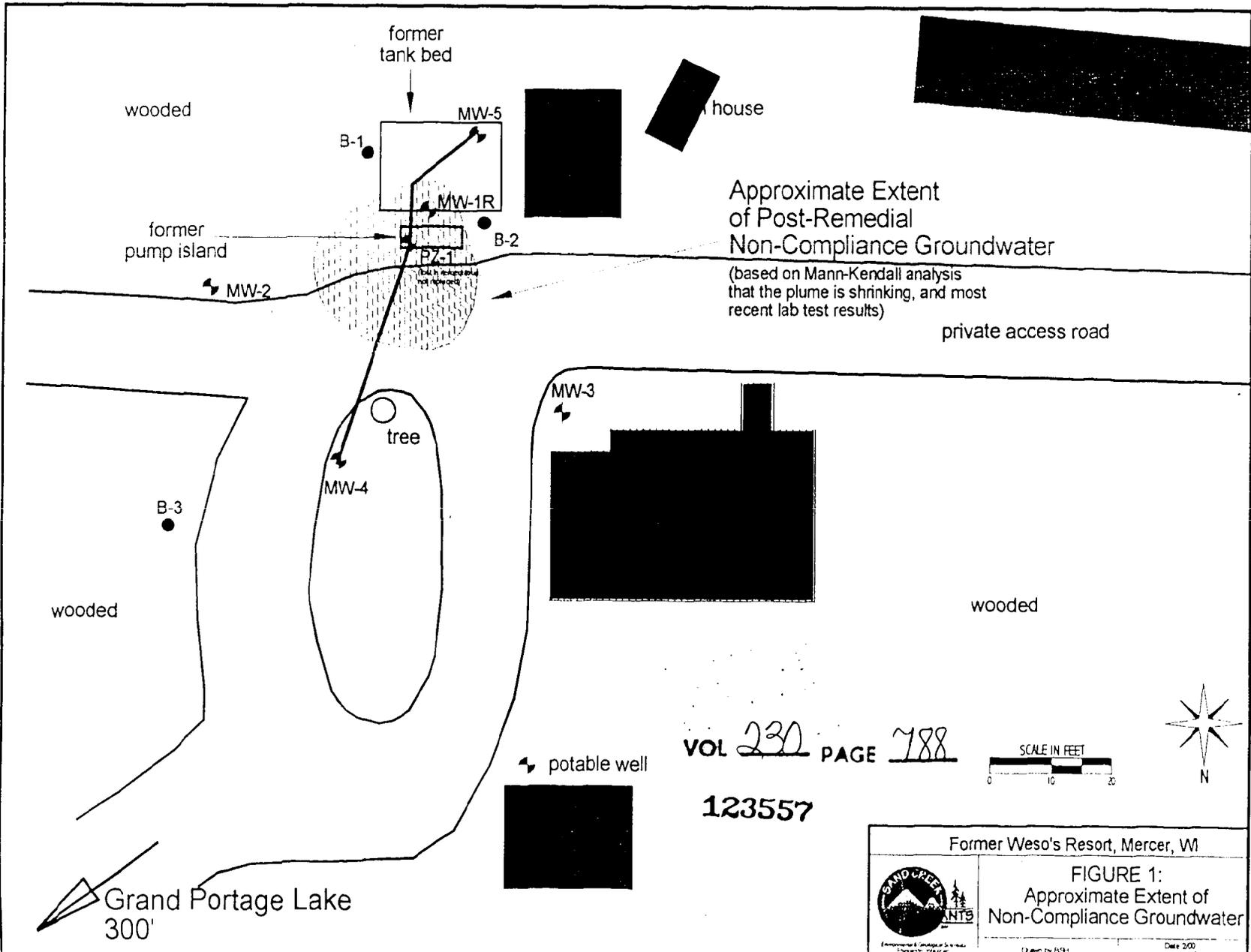
Signature: [Handwritten Signature]
Printed Name: Jack English
Title: owner

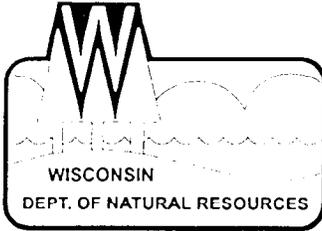
Signature: [Handwritten Signature]
Printed Name: JACK ENGLISH
Title: OWNER

Subscribed and sworn to before me
this 10 day of April, 2001
[Handwritten Signature]
Notary Public, State of WI
My commission January 11, 2004

Subscribed and sworn to before me
this 10 day of April, 2001
[Handwritten Signature]
Notary Public, State of WI
My commission January 11, 2004

This document was drafted by Sand Creek Consultants, Inc., P.O. Box 1512, Rhinelander, WI 54501, based upon information provided by the Wisconsin Department of Natural Resources.





State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
William H. Smith, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhineland, Wisconsin 54501-0818
Telephone 715-365-8900
FAX 715-365-8932
TDD 715-365-8957

February 7, 2001

Ms. Judy Wesolowski
3290 Lakeview Rd
Mercer, WI 54547

Subject: Former Weso's Resort, 2510 Martha Lake Rd, Mercer, WI
BRRTS # 03-26-171031 PECFA #54547-9510-10

Dear Ms. Wesolowski:

The Department of Natural Resources provided a notice to you that the degree and extent of gasoline contamination at the above-named site was required to be investigated and remediated. We have since been informed that the required investigation and remediation has been accomplished.

On February 1, 2001, the above-named site was reviewed by the Northern Region Closeout 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, it appears that the gasoline contamination at the above-named site has been remediated to the extent practicable under current site conditions, and that no further action is necessary at this time. Therefore, the Department will consider the case "closed," pursuant to NR 726.05(8)(am), if the responsible party sign and record a Groundwater Use Restriction for the property.

Please send a copy of the deed for your property to me at the above address within 30 days.

Enclosed is an example of a Groundwater Use Restriction. Please draft a specific Groundwater Use Restriction for this site and submit the draft to me. This document is available on the Department's website at www.dnr.state.wi.us. Department of Natural Resources attorneys will review the draft and return it to you with revisions. After you have made the revisions, you should sign and record the restriction with the County Register of Deeds. To document that this condition has been complied with, the responsible party must submit to the Department a copy of the recorded Groundwater Use Restriction, with the recording information stamped on it, within 15 days after the Register of Deeds returns the Groundwater Use Restriction to the responsible party. The Groundwater Use Restriction may be amended in the future with the approval of DNR if conditions change at the site and the residual contamination is remediated.

The groundwater use restriction is an option that the Department can offer to you in order to close this site. If you choose not to accept this option, you may perform additional investigation and cleanup of the remaining contamination. Note that this additional work may not be eligible for reimbursement through the Petroleum Environmental Cleanup Fund Award (PECFA) Program. You should contact the Department of Commerce to determine eligibility of the additional work for reimbursement.



*Quality Natural Resources Management
Through Excellent Customer Service*



Based on an evaluation of the close out form, it appears that soil contamination in excess of the generic residual contaminant levels (RCLs) contained in s. NR 720.09, Wis. Adm. Code, remains under the paved area of this site. Per ch. NR 720, you have selected a performance standard for a final remedy. The use of a soil performance standard requires publishing of a class 1 public notice per s. NR 714.07(5). You must therefore complete the public noticing of this remedial action before site closure can be approved under ch. NR 726. Enclosed are copies of public notices for your reference. Prior to publishing the notice, you must contact me at the phone number listed below before using my name in the publication. In order to document your compliance with this requirement, you should submit tear sheets from the publisher of this notice to me at the above address.

Please note that this case closure is contingent upon proper documentation of proper abandonment of the monitoring wells on site. If monitoring wells remain at this site, please provide the documentation that this action has been completed, or have your consultant do so. Please complete Form 3300-5B and send it to my attention at the above address.

If you have any additional information which was not formerly provided to the Department, and which you feel would significantly impact this closure decision, you may submit that information for our re-evaluation of case closure.

If you have any questions, please call me at 715-365-8990.

Sincerely,
NORTHERN REGION



Janet Kazda
Case Closeout Committee

cc: File
Lori Huntoon, Dept of Commerce
Steve Karklins, DG/2
Chuck Fitzgerald, Rhinelander
Ron Becker, Rhinelander
Chris Saari, Brule

Brenda Halminiak
Sand Creek Consultants, Inc
PO Box 1512
Rhinelander, WI 54521

TABLE 3:
MW-1 & MW-1R
Ground Water Lab Data
Weso's Resort

Date Sampled	5/98	8/98	11/98	2/99	6/99	1/00	5/00	7/00	11/00	NR 140 Groundwater Standards	
<i>ANALYTE</i>	<i>all values are reported in ug/l, which is equivalent to parts per billion (ppb), except as noted</i>									ES	PAL
GR0 (in mg/L)	54.7	48.2	9.41	1.8	11.0	1.4	2.5	0.64	0.48	None established	
Lead (ug/L)						1.8				15	15
VOCS (ug/L)											
Benzene	126	87.9	113	84	380	42	510	12	9.5	5	0.5
Toluene	3,780	7,630	1,390	350	2,800	180	500	98	81	700	140
Ethylbenzene	672	1550	220	32	180	36	210	6.6	12.0	343	69
Total Xylenes (calculated)	21,070	18,200	2,708	430	3,200	360	1,050	186	127	620	124
M/P Xylene	12,700	11,200	1,840	240	2,000	220	700	110	84	None established	
Styrene / O-xylene	8,370	7,000	868	190	1,200	140	350	76	43	100	10
1,2,4 Trimethylbenzene	3720	4000	976	120	590	86	<4.0	40	30	None established	
1,3,5 Trimethylbenzene	1050	1140	302	43	210	38	63	16	10	None established	
Total Trimethylbenzenes	4,770	5,140	1,278	163	800	124	63	56	40	480	96
MTBE	nd	nd	nd	nd	nd	nc	180	<5.5	nd	60	12
n-Butylbenzene	373									None established	
1,2-Dibromoethane (EDB)	122						<6.0	<1.5		0.05	0.005
Isopropylbenzene	108									None established	
Naphthalene	255						54	6.6	6.3	40	8
n-Propylbenzene	202									None established	
NATURAL ATTENUATION PARAMETERS											
Water Temp. (°C)	5.1	8.3		7.8	7.1	8			9.3		
Salinity (ppt)	0.2	0.2		0.1	0.3	0.3			0.3		
Conductivity (uS/cm)	396	348		270	694	541			682		
Dissolved Oxygen (mg/L)	0.26	0.45		0.78	0.41	0.75			0.39		
Sulfate (mg/L)	2.98					26.9					
Nitrate (mg/L)	0.36					0.384					
Dissolved Iron (ug/L)	10,400					3050					
Methane (ug/L)	nd					nd					

HOT SPOT EXCAVATION COMPLETED AUGUST 26, 1998

TABLE EXPLANATION

nd	ANALYZED BUT NOT DETECTED WITH DETECTION LIMIT << ES
75	EXCEEDS CURRENT WDNR ENFORCEMENT STANDARD
	NOT TESTED

TABLE 3 (continued):
MW-2
Ground Water Lab Data
Weso's Resort

Date Sampled	5/98	8/98	11/98	2/99	6/99	1/00	5/00	11/00	NR 140 Groundwater Standards	
ANALYTE	<i>all values are reported in ug/l, which is equivalent to parts per billion (ppb), except as noted</i>								ES	PAL
GRO (in mg/L)	0.0587	nd	nd	nd	nd	nd	nd	nd	None established	
Lead (ug/L)						nd			15	1.5
VOCs (ug/L)										
Benzene	nd	nd	nd	nd	nd	nd	nd	nd	5	0.5
Toluene	nd	nd	nd	nd	nd	nd	nd	nd	700	140
Ethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	343	69
Total Xylenes (calculated)	1.2	nd	nd	nd	nd	nd	nd	nd	620	124
M/P Xylene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
Styrene / O-xylene	1.22	nd	nd	nd	nd	nd	nd	nd	100	10
1,2,4 Trimethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
1,3,5 Trimethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
Total Trimethylbenzenes	nd	nd	nd	nd	nd	nd	nd	nd	480	96
MTBE	nd	nd	nd	nd	nd	nd	nd	nd	60	12
n-Butylbenzene	nd								None established	
1,2-Dibromoethane (EDB)	nd								0.05	0.005
Isopropylbenzene	nd								None established	
Naphthalene	nd							nd	40	8
n-Propylbenzene	nd								None established	
NATURAL ATTENUATION PARAMETERS										
Water Temp. (°C)	5.5	7.60		7.1	6.8	7.7		9		
Salinity (ppt)	0.0	0.0		0.0	0.0	0.0		0.0		
Conductivity (uS/cm)	75	67		65	98.5	58		54.6		
Dissolved Oxygen (mg/L)	7.58	8.32		6.89	9.66	5.79		4.17		
Nitrate (mg/L)	0.53					0.386				
Ferrous Iron (ug/L)	3,460					14				
Sulfate (mg/L)	11.5					11.7				
Methane (ug/L)	nd					nd				

HOT SPOT EXCAVATION COMPLETED AUGUST 26, 1998

TABLE EXPLANATION

nd	ANALYZED BUT NOT DETECTED WITH DETECTION LIMIT << ES
	NOT TESTED
75	EXCEEDS CURRENT WDNR ENFORCEMENT STANDARD

TABLE 3 (continued):
MW-3
Ground Water Lab Data
Weso's Resort

Date Sampled	5/98	8/98	11/98	2/99	6/99	1/00	5/00	11/00	NR 140 Groundwater Standards	
ANALYTE	all values are reported in ug/l, which is equivalent to parts per billion (ppb), except as noted								ES	PAL
GRO (in mg/L)	nd	nd	nd	nd	nd	nd	nd	nd	None established	
Lead (ug/L)						nd			15	1.5
VOCs (ug/L)										
Benzene	nd	nd	nd	nd	nd	nd	nd	nd	5	0.5
Toluene	nd	nd	nd	nd	nd	nd	nd	nd	700	140
Ethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	343	69
Total Xylenes (calculated)	nd	nd	nd	nd	nd	nd	nd	nd	620	124
M/P Xylene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
Styrene / O-xylene	nd	nd	nd	nd	nd	nd	nd	nd	100	10
1,2,4 Trimethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
1,3,5 Trimethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
Total Trimethylbenzenes	nd	nd	nd	nd	nd	nd	nd	nd	480	96
MTBE	nd	nd	nd	nd	nd	nd	nd	nd	60	12
n-Butylbenzene	nd								None established	
1,2-Dibromoethane (EDB)	nd								0.05	0.005
Isopropylbenzene	nd								None established	
Naphthalene	nd							nd	40	8
n-Propylbenzene	nd								None established	
NATURAL ATTENUATION PARAMETERS										
Water Temp. (°C)	4.6	8.6		7	6.8	7.7		9.2		
Salinity (ppt)	0.1	0.1		0.1	0.0	0.1		0		
Conductivity (uS/cm)	121	218		193	80.1	128.7		95		
Dissolved Oxygen (mg/L)	12.15	10.6		11.73	13.13	10.79		5.99		
Nitrate (mg/L)	0.93					1.47				
Ferrous Iron (Ug/L)	1,590					20				
Sulfate (mg/L)	4.32					10.4				
Methane (ug/L)	nd					nd				

HOT SPOT EXCAVATION COMPLETED AUGUST 26, 1998

TABLE EXPLANATION

nd	ANALYZED BUT NOT DETECTED WITH DETECTION LIMIT << ES
	NOT TESTED
75	EXCEEDS CURRENT WDNR ENFORCEMENT STANDARD

TABLE 3 (continued):
MW 4
Ground Water Lab Data
Weso's Resort

Date Sampled	5/98	8/98	11/98	2/99	6/99	1/00	5/00	11/00	NR 140 Groundwater Standards	
ANALYTE	all values are reported in ug/l, which is equivalent to parts per billion (ppb), except as noted								ES	PAL
GRO (in mg/L)	nd	nd	nd	nd	nd	nd	nd	nd	None established	
Lead (ug/L)						nd			15	1.5
VOCs (ug/L)										
Benzene	nd	nd	nd	nd	nd	nd	nd	nd	5	0.5
Toluene	nd	nd	nd	nd	nd	nd	nd	nd	700	140
Ethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	343	69
Total Xylenes (calculated)	nd	nd	nd	nd	nd	nd	nd	nd	620	124
M/P Xylene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
Styrene / O-xylene	nd	nd	nd	nd	nd	nd	nd	nd	100	10
1,2,4 Trimethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
1,3,5 Trimethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
Total Trimethylbenzenes	nd	nd	nd	nd	nd	nd	nd	nd	480	96
MTBE	nd	nd	nd	nd	nd	nd	nd	nd	60	12
n-Butylbenzene	nd								None established	
1,2-Dibromoethane (EDB)	nd								0.05	0.005
Isopropylbenzene	nd								None established	
Naphthalene	nd							nd	40	8
n-Propylbenzene	nd								None established	
NATURAL ATTENUATION PARAMETERS										
Water Temp. (°C)	4.9	8.2		7.1	6.4	8.4		9.7		
Salinity (ppt)	0.1	0.0		0.0	0.1	0.0		0.0		
Conductivity (uS/cm)	165	102		5	118.4	96.2		70.9		
Dissolved Oxygen (mg/L)	9.46	10.1		9.7	9.9	7.79		6.34		
Nitrate (mg/L)	0.47					0.637				
Ferrous Iron (ug/L)	2,500					nd				
Sulfate (mg/L)	12.4					12.7				
Methane (ug/L)	nd					nd				

HOT SPOT EXCAVATION COMPLETED AUGUST 26, 1998

TABLE EXPLANATION

nd	ANALYZED BUT NOT DETECTED WITH DETECTION LIMIT << ES
	NOT TESTED
75	EXCEEDS CURRENT WDNR ENFORCEMENT STANDARD

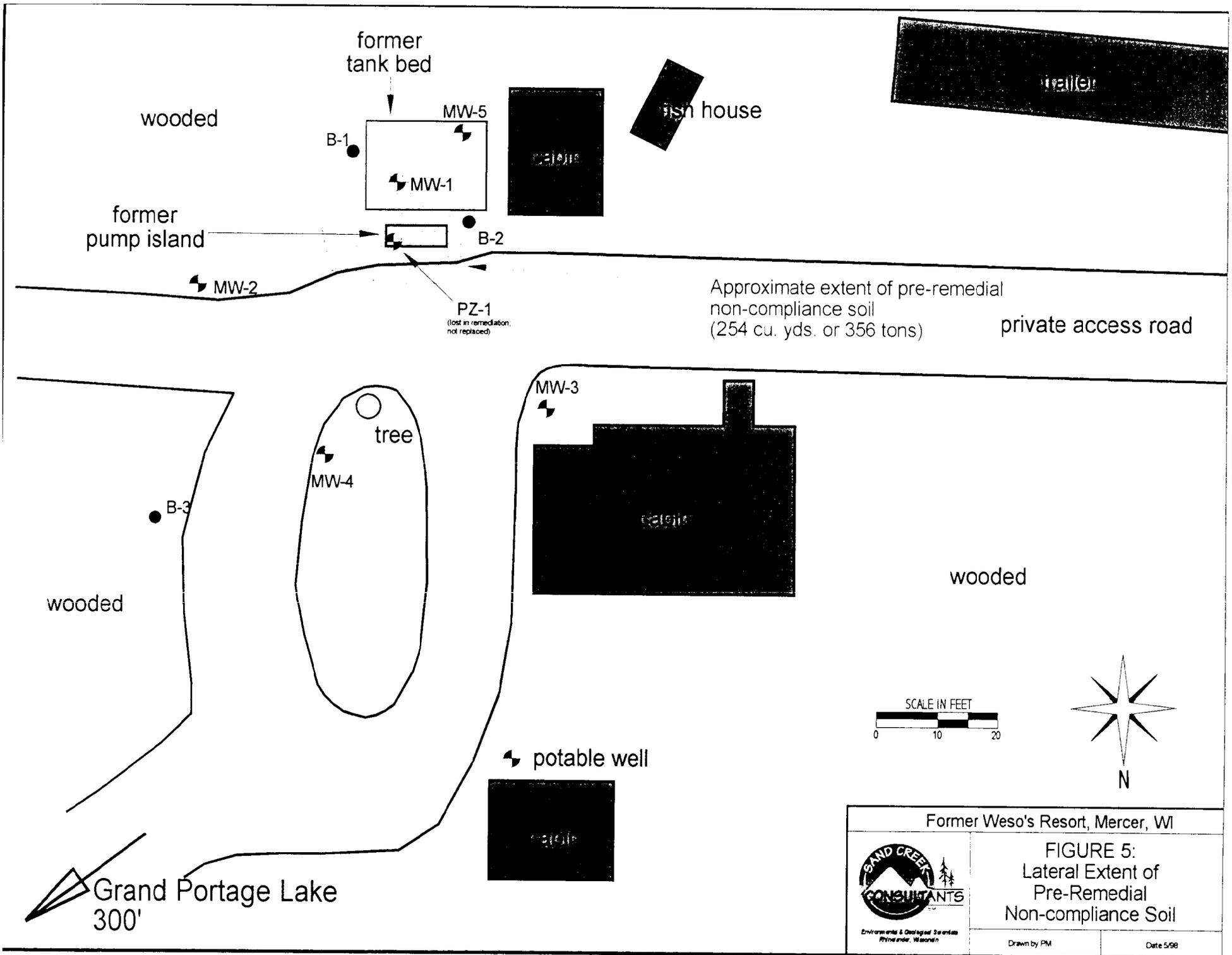
**TABLE 3 (continued):
MW-5
Ground Water Lab Data
Weso's Resort**

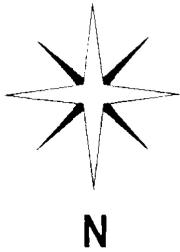
Date Sampled	5/98	8/98	11/98	2/99	6/99	1/00	5/00	11/00	NR 140 Groundwater Standards	
ANALYTE	<i>all values are reported in ug/l, which is equivalent to parts per billion (ppb), except as noted</i>								ES	PAL
GRO (in mg/L)	nd	nd	nd	nd	nd	nd	nd	nd	None established	
Lead (ug/L)						nd			15	1.5
<i>VOCs (ug/L)</i>										
Benzene	nd	0.528	nd	nd	nd	nd	nd	nd	5	0.5
Toluene	nd	3.98	nd	nd	nd	nd	nd	nd	700	140
Ethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	343	69
Total Xylenes (calculated)	nd	6.26	nd	nd	nd	nd	nd	nd	620	124
M/P Xylene	nd	4.27	nd	nd	nd	nd	nd	nd	None established	
Styrene / O-xylene	nd	1.99	nd	nd	nd	nd	nd	nd	100	10
1,2,4 Trimethylbenzene	nd	1.81	nd	nd	nd	nd	nd	nd	None established	
1,3,5 Trimethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
Total Trimethylbenzenes	nd	1.81	nd	nd	nd	nd	nd	nd	480	96
MTBE	nd	nd	nd	nd	nd	nd	nd	nd	60	12
n-Butylbenzene	nd								None established	
1,2-Dibromoethane (EDB)	nd								0.05	0.005
Isopropylbenzene	nd								None established	
Naphthalene	nd							nd	40	8
n-Propylbenzene	nd								None established	
NATURAL ATTENUATION PARAMETERS										
Water Temp. (°C)	5.5	8.2		7.4	7.1	7.8		9.0		
Salinity (ppt)	0.1	0.0		0.0	0.0	0.0		0.0		
Conductivity (uS/cm)	138	101		94	72.2	58		51.1		
Dissolved Oxygen (mg/L)	12.40	13.6		11.86	13.48	12.32		6.06		
Nitrate (mg/L)	0.93					0.505				
Ferrous Iron (ug/L)	2,700					10				
Sulfate (mg/L)	9.03					7.08				
Methane (ug/L)	nd					nd				

HOT SPOT EXCAVATION COMPLETED AUGUST 26, 1998

TABLE EXPLANATION

nd	ANALYZED BUT NOT DETECTED WITH DETECTION LIMIT << ES
[shaded box]	NOT TESTED
75	EXCEEDS CURRENT WDNR ENFORCEMENT STANDARD





wooded

Former tank bed area



1st house

MW-5

#9-10'

#8-10'

#2-4'

MW-1

#6-4'

#4-13'

#11-4'

PZ-1

#3-13'

Former pump island

(lost in remediation, not replaced)

MW-2

#10-10'

#12-10'

#11-4'

#7-5'

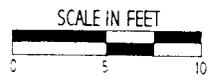
#5-4'

#1-4'

tree

MW-4

MW-3



LEGEND

- #1-4' ● Sidewall Sample that Exceeds NR 720 Soil Standards
- #7-5' ● Sidewall Sample Location with depth
- Limit of Excavation from 0' to 4' deep
- Limit of Excavation from 0' to 13' deep
- MW-4 Monitoring Well

Former Weso's Resort, Mercer, WI



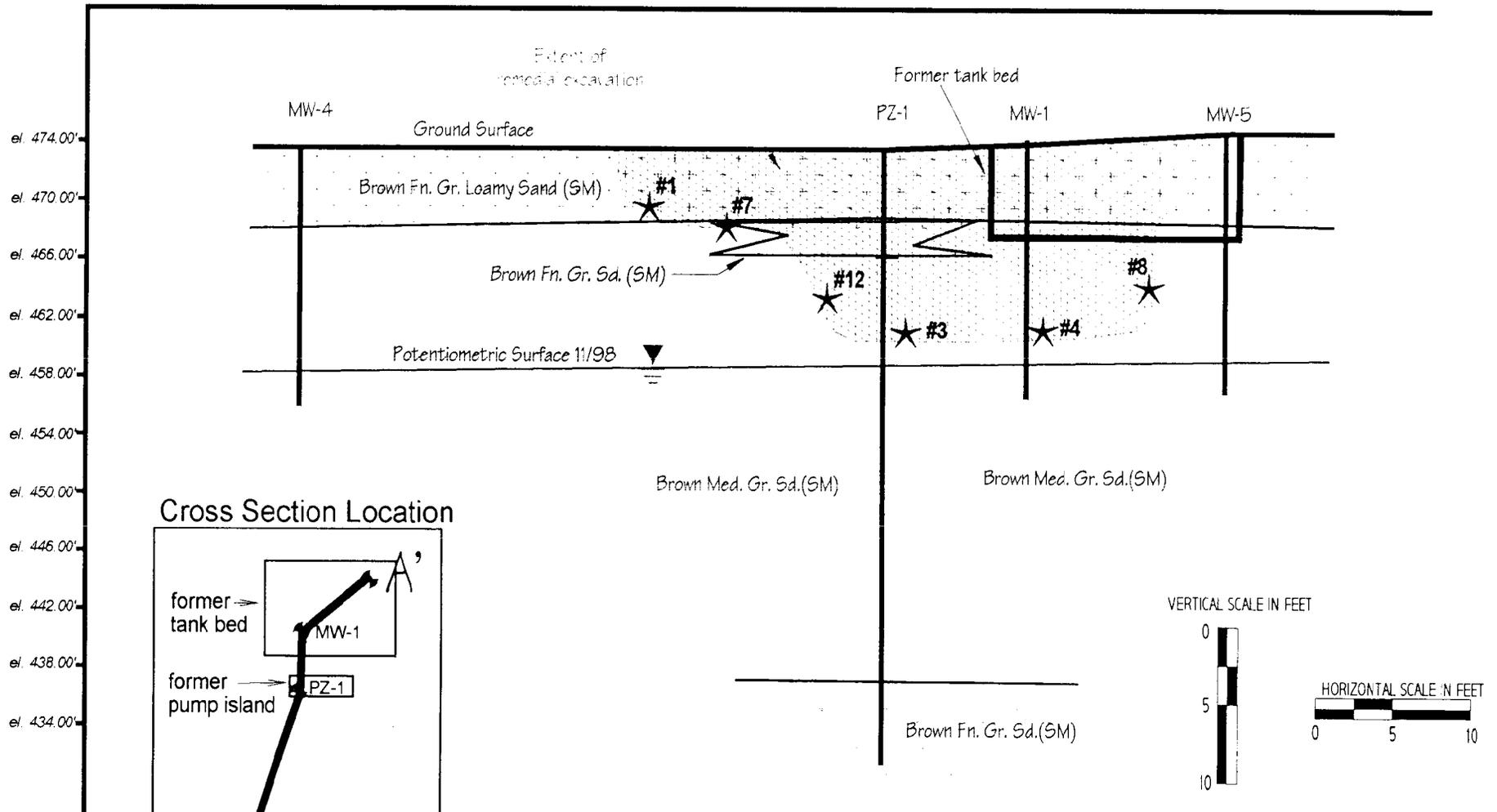
Environmental & Geological Scientists
Rhinelander, Wisconsin

FIGURE 7:
Lateral Extent of Remedial
Excavation Showing
Sidewall Sample Locations

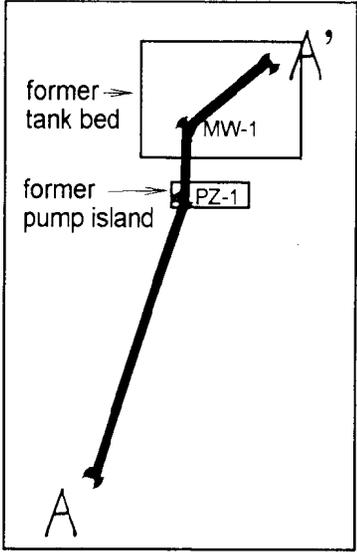
Drawn by PM/BSH Date 2/00

A

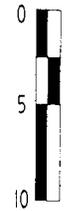
A'



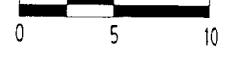
Cross Section Location



VERTICAL SCALE IN FEET



HORIZONTAL SCALE IN FEET



Former Weso's Resort, Mercer, WI



FIGURE 8:
Post-Remedial Geologic
Cross-Section A-A'
Showing Sidewall
Sample Locations

Drawn by PMBSH

Date 2/00