

GIS Registry Data Sheet  
Northern Region

Type of Submittal:  New  Update  PDF Only

BRRTS # 03-07-150410 County: Burnett

Site Name: Sand Bar

Closure Decision Date: 6/7/01

Street: 3901 CTH A City: Webster, WI

Off Site Contamination  Yes  No

Right of Way Contamination  Yes  No

Geo - Location Information:

X Coordinate: \_\_\_\_\_ Y Coordinate: \_\_\_\_\_

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

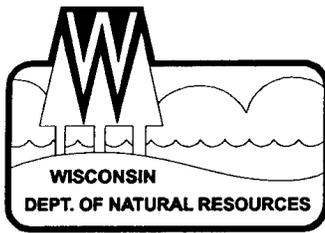
Latitude: \_\_\_deg \_\_\_min \_\_\_sec Longitude: \_\_\_deg \_\_\_min \_\_\_sec

**Required**

- Conditional Closure Letter
- Final Closure Letter
- Deeds for all properties with ES exceedance in Groundwater
- 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 *unavailable*
- Latest Table of Analytical Results for Groundwater

If Available, include the following:

- Metes and Bounds Legal Description
- Tax Parcel Number 012-4223-05 900
- 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**

November 30, 2001

Rob Roessel  
C/o Ms. Marlyn Roessel  
4397 Willshire Blvd, #E206  
Mound, MN 55364

**SUBJECT: Final Case Closure**  
**Sand Bar, 3901 CTH A, Webster, WI**  
**WDNR BRRTS #: 03-07-150410**

Dear Mr. Roessel:

On June 7, 2001, your site as described above was 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 June 21, 2001, you were notified that the Closure Committee had granted conditional closure to this case.

On November 30, 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. Based on the correspondence and data provided, it appears that your site has been remediated to Department standards in accordance with s. 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.

Your 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>

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 715-365-8990.



*Quality Natural Resources Management*  
*Through Excellent Customer Service*



Roessell  
11/30/01  
Page 2

Sincerely,  
NORTHERN REGION



Janet Kazda  
Remediation and Redevelopment Program

c: File

Jeff Anderson  
Environmental Troubleshooters, Inc  
102 S 29<sup>th</sup> Ave W  
Suite 100  
Duluth, MN 55806

Douglas and Georgette Chesnut  
1 Gardner Ln  
Dellwood, MN 55110

328814  
Document Number

VOL 642 PAGE 260

This Deed, made between Marilyn Marie Roessel, a single woman

Grantor,  
and Douglas A. Chesnut and Georgette J. Chesnut, husband and wife

Grantee,  
Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate in Burnett County, State of Wisconsin:

The Easterly 50 feet of Lot Three (3) of Certified Survey Map, in Volume Seven (7), Pages 155 through 157, as recorded in the office of the Register of Deeds for Burnett County, Wisconsin, described as follows: A tract of land 50 feet in uniform width from the center line of County Trunk Highway "A", as now laid out and traveled, to the shoreline of Sand Lake off of the Northeast end of Lot 3, of said Certified Survey Map. Said Certified Survey Map being located in Government Lot Three (3) of Section Twenty-three (23), Township Forty (40) North, of Range Fifteen (15) West, Burnett County, Wisconsin. AND, Lot One (1) of Certified Survey Map in Volume Nine (9), Pages 29, 30 and 31, as recorded in the office of the Register of Deeds for Burnett County, Wisconsin. Said Certified Survey Map being a part of Government Lot Three (3), 23-40-15, Burnett County, Wisconsin.

BURNETT COUNTY  
WISCONSIN  
RECEIVED AND RECORDED

FEB 16 2000

AT 9:00 O'CLOCK A.M.  
VOL 642 PAGE 260  
Steenie Chell  
Deputy Register of Deeds

Recording Area  
Name and Return Address  
Grindell Law Office  
P.O. Box 585  
Frederic, WI. 54837

012-4223-05 900

Parcel Identification Number (PIN)  
This is homestead property.  
(s) ~~(X)(X)(X)~~

TRANSFER  
\$ 1,188.00

FEE

The property is being sold in an "as is" condition without warranty or representation, except that Seller represents that the well and sanitary system are code compliant and will be in working order at the time of closing.

Exceptions to warranties: Easements and restrictions of record.

Dated this 15th day of February, 2000.

(SEAL)  
\_\_\_\_\_  
(SEAL)  
\_\_\_\_\_

Marilyn Marie Roessel (SEAL)  
\_\_\_\_\_  
(SEAL)

AUTHENTICATION

Subscribed by Marilyn Marie Roessel  
David L. Grindell  
Notary Public, State of Wisconsin  
My commission expires this 15th day of February, 2000.

TITLE: MEMBER STATE BAR OF WISCONSIN  
(If not \_\_\_\_\_  
authorized by 5706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY  
ohn Grindell #1018300  
RINDELL LAW OFFICES, S.C.  
P.O. Box 585, Frederic, WI 54837

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin, } ss.  
County: \_\_\_\_\_  
Personally came before me this \_\_\_\_\_ day of \_\_\_\_\_ the above named

to me known to be the person \_\_\_\_\_ who executed the foregoing instrument and acknowledge the same.

Notary Public, State of Wisconsin  
My commission is permanent. (If not, state expiration date: \_\_\_\_\_)

\* Names of persons signing in any capacity must be typed or printed below their signature.



342775

Bar Restaurant. Soil contamination exceeding Wisconsin Department of Natural Resources (WDNR) Generic Residual Contaminant Levels (RCLs) consisted of maximum contaminant concentrations as follows: benzene (1,340 ug/kg – GP-2); toluene (68,600 ug/kg – TB-2); ethylbenzene (29,600 ug/kg – TB-2); xylenes (700,000 ug/kg – TB-2); and GRO (4,600 mg/kg –S-5 (UST #2). On May 22, 2000, approximately 147 cubic yards (206 tons) of petroleum-contaminated soil was excavated and transported from the site for off-site treatment. The soils were transported to the Browning-Ferris Industries (BFI)/Allied Waste biopile facility located near Sarona, Wisconsin. Soil contaminant concentrations prior to excavation activities are summarized in Table 2, attached. Residual contamination exists at the site at concentrations below WDNR RCLs. Maximum, documented residual soil contaminant concentrations are as follows; xylenes [390 ug/kg (EXC-1, SW-2)]; trimethylbenzenes [772 ug/kg (EXC-2, SW-10)]; and GRO [3.5 mg/kg (EXC-2, SW-10)]. Excavation sampling locations are shown on Figure 7, attached.

WHEREAS, it is the desire and intention of the property owner 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 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 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 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 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 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 owner of the property has executed this Declaration of Restrictions, this 15<sup>th</sup> day of NOV., 2001

Signature: [Handwritten Signature]  
Printed Name: DOUGLAS A. CHESNUT

Signature: [Handwritten Signature]  
Printed Name: GEORGETTE J. CHESNUT

Subscribed and sworn to before me  
this 15 day of November 2001

[Handwritten Signature]  
Notary Public, State of Minnesota  
My commission 1-31-2005



This document was drafted by the Wisconsin Department of Natural Resources. Site specific information was inserted by Environmental Troubleshooters, Inc.



ENVIRONMENTAL TROUBLESHOOTERS, INC.

# LEGEND

- ⊕ Monitoring Well Locations
- ⊙ Geoprobe Locations
- OE Overhead Electric
- COMM Communication
- Sampling Points



## FIGURE 2

Site Plan View

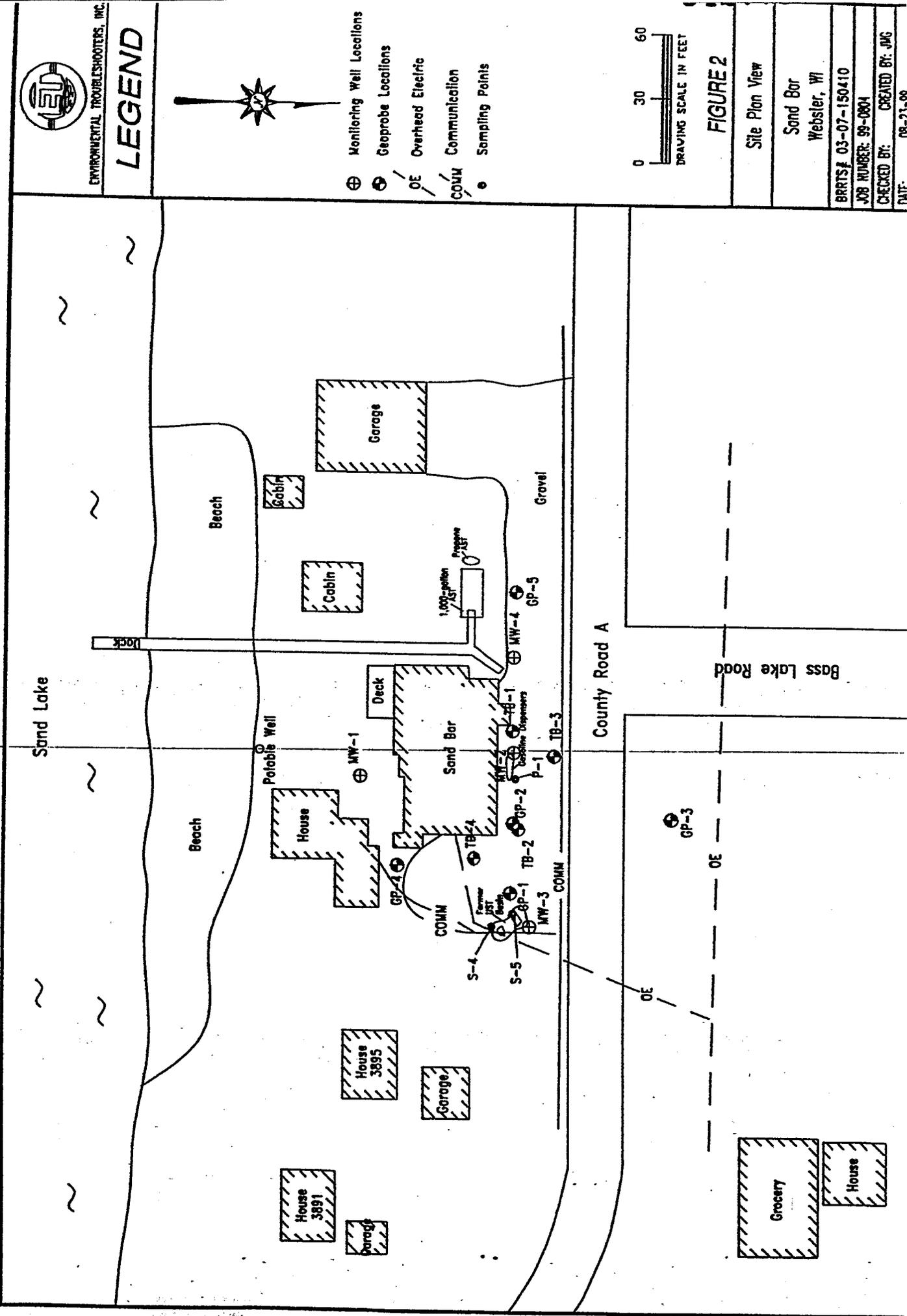
Sand Bar  
Webster, WI

BRTS# 03-07-150410

JOB NUMBER: 99-0804

CHECKED BY: CREATED BY: JMG

DATE: 08-27-00



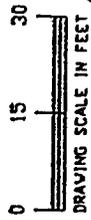


ENVIRONMENTAL TROUBLESHOOTERS, INC.

# LEGEND



- ⊕ Monitoring Well Locations
- COMM Communication
- Excavation Sidewall and Floor Samples
- Excavation Basin



## FIGURE 7

Excavation Plan View

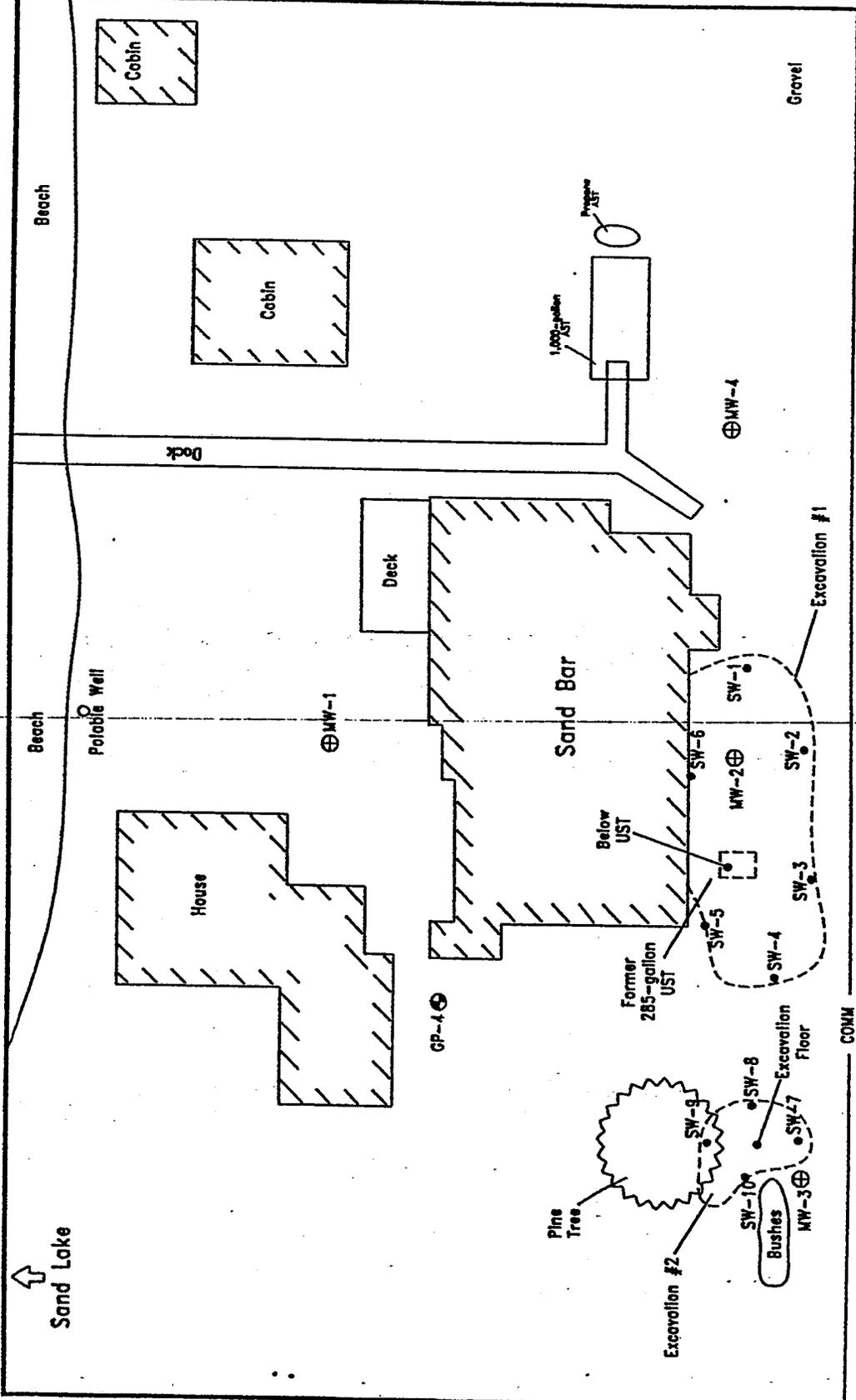
Sand Bar  
Webster, WI

BRRTS# 03-07-150410

JOB NUMBER: 99-0804

CHECKED BY: JWC

DATE: 08-23-99



County Road A

**Table 1**  
**Groundwater Sampling Analytical Results**  
**Sand Bar**  
**WDNR BRRTS No. 03-07-150410**  
**Webster, Wisconsin**

Location	Date	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	1,2,4-TMB (ug/L)	1,3,5-TMB (ug/L)	MTBE (ug/L)	GRO (mg/L)	Naphthalene (ug/L)	4-chloro toluene (ug/L)	1,4-dichloro benzene (ug/L)	1,2-dichloro benzene (ug/L)	Chloro-methane (ug/L)
MW-1	9/14/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.2	<0.3	<0.1	<0.7	<0.3	<0.4	<0.5	<0.4
	12/1/99	<1.0	<1.1	<1.2	<3.7	<1.2	<1.2	<0.61	<0.0096	<1.3	NA	NA	NA	NA
	7/5/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<0.05	<0.44	NA	NA	NA	NA
	9/27/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<0.05	<0.44	NA	NA	NA	NA
MW-2	9/14/99	<12.5	192	208	11,540	3,700	1,080	<0.3	41.6	964	743	97.8	1,030	<0.4
	Following laboratory review of chromatograms and quality control data, a revised laboratory report was issued by Midwest Analytical Services. Laboratory results for the 9/14/99 data indicated false positives for three (3) chlorinated compounds.													
MW-3	12/1/99	22.7	255	<25	23,700	4,000	3,490	33.5	43.8	679	NA	NA	NA	NA
	7/5/00	<0.35	<0.38	<0.37	<0.76	0.63	<0.37	<0.36	<0.05	0.53	NA	NA	NA	NA
	9/27/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<0.05	<0.44	NA	NA	NA	NA
	3/2/01	<0.29	<0.13	<0.57	1.12	3.7	2.0	<0.20	NA	0.49	<0.21	<0.31	<0.20	<0.42
MW-4	9/14/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.2	<0.3	<0.1	<0.7	<0.3	<0.4	<0.5	<0.4
	12/1/99	<1.0	<1.1	<1.2	<3.7	<1.2	<1.2	<0.61	<0.0096	<1.3	NA	NA	NA	NA
	7/5/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<0.05	<0.44	NA	NA	NA	NA
	9/27/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<0.05	<0.44	NA	NA	NA	NA
Tap	9/14/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.2	<0.3	<0.1	<0.7	<0.3	<0.4	<0.5	<0.4
	12/1/99	<1.0	<1.1	<1.2	<3.7	<1.2	<1.2	<0.61	<0.0096	<1.3	NA	NA	NA	NA
	7/5/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<0.05	<0.44	NA	NA	NA	NA
	9/27/01	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<0.05	<0.44	NA	NA	NA	NA
Enforcement Standard	6/3/98	<0.5	<0.4	<0.4	<1.5	<0.7	<0.2	<0.8	<0.1	NA	NA	NA	NA	NA
	12/1/99	<1.0	<1.1	<1.2	<3.7	<1.2	<1.2	<0.61	<0.0096	<1.3	NA	NA	NA	NA
Preventative Action Limit	2/28/01	<0.28	<0.26	<0.28	<0.85	<0.27	<0.27	<0.34	NA	<0.38	<0.27	<0.31	<0.28	1.8
	Enforcement Standard	5.0	343	700	620	480	60	60	NS	40	NS	75	600	3
Preventative Action Limit		0.5	68.6	140	124	96 (combined)	12	12	NS	8	NS	15	60	0.3

< - Analyte concentration was below the method detection limit  
*Italics* indicates a Preventative Action Limit exceedence.  
**Bold** indicates an Enforcement Standard exceedence.  
 NA - Not analyzed for this analyte  
 Shading indicates a revised concentration, based on laboratory review of chromatograms.

Table 2  
Pre-Remedial Action Soil Sampling Analytical Results  
Sand Bar  
WDNR BRRTs No. 03-07-150410  
Webster, Wisconsin

Location	Date	Sample Depth (ft)	PID Reading (ppmv)	Benzene (ug/kg)	Toluene (ug/kg)	Ethylbenzene (ug/kg)	Xylenes (ug/kg)	1,2,4-TMB (ug/kg)	1,3,5-TMB (ug/kg)	MTBE (ug/kg)	GRO (mg/kg)	Lead (mg/kg)
S-4 (UST-1)	5/20/97	4	51.7	NA	NA	NA	NA	NA	NA	NA	4.1	NA
S-5 (UST-2)	5/20/97	4	2,220	NA	NA	NA	NA	NA	NA	NA	4,600	NA
P-1 (piping)	5/20/97	2	>2,500	NA	NA	NA	NA	NA	NA	NA	700	NA
GP-1*	6/3/98	4	0.0	<400	<400	<400	<400	<400	<400	<400	<4.0	NA
GP-2	6/3/98	4-6	447	1,340	38,700	14,900	121,000	48,900	61,000	<2,500	1,230	<9.9
GP-2*	6/3/98	13	11.7	<400	<400	<400	<400	<400	<400	<400	<4.0	NA
TB-1	9/7/99	2-4	NR	<23	<22	<23	<66	<18	<18	<22	<4.3	NA
TB-2	9/8/99	2-4	NR	1,300	68,600	29,600	700,000	282,000	296,000	7,730	3,560	NA
TB-3	9/8/99	2-4	NR	<23	<22	<23	<66	<18	<18	<22	<4.3	NA
TB-4	9/8/99	2-4	NR	<23	<22	<23	<66	<18	<18	<22	<4.3	NA
MW-1	9/7/99	2-4	NR	<23	<22	<23	<66	<18	<18	<22	<4.3	NA
MW-2	9/7/99	2-4	NR	149	385	2,250	10,400	13,400	31,300	<22	597	<14.0
MW-3	9/8/99	2-4	NR	<23	<22	<23	<66	<18	<18	<22	<4.3	NA
MW-4	9/8/99	2-4	NR	<23	<22	<23	<66	<18	<18	<22	<4.3	NA
<i>WDNR Residual Soil Contaminant Level</i>				5.5	1,500	2,900	4,100	NS	NS	NS	100	500

\* - Mobile laboratory analysis

< - Analyte concentration was below the method detection limit.

S - sidewall

P - piping

NA - Not analyzed for this constituent.

NR - No reading, PID was not functioning correctly.

TMB - trimethylbenzene

MTBE - methyl-terbutyl ether

GRO - Gasoline Range Organics

**Bold indicates an exceedance of the WDNR Residual Soil Contaminant Level.**

PID - photoionization detector

NS - no standard

WDNR - Wisconsin Department of Natural Resources

Table 3  
 Post-Remedial Action (Excavation) Soil Sampling Analytical Results  
 Sand Bar  
 WDNR BRRT's No. 03-07-150410  
 Webster, Wisconsin

Location	Date	Benzene (ug/kg)	Toluene (ug/kg)	Ethylbenzene (ug/kg)	Xylenes (ug/kg)	1,2,4-TMB (ug/kg)	1,3,5-TMB (ug/kg)	MTBE (ug/kg)	GRO (mg/kg)	DRO (mg/kg)
EXC-1, SW-1	5/22/00	<25	<25	<25	95	140	85	<25	<2.7	N/S
EXC-1, SW-2	5/22/00	<25	<25	<25	390	240	170	<25	<2.7	N/S
EXC-1, SW-3	5/22/00	<25	<25	<25	330	240	130	<25	<2.7	N/S
EXC-1, SW-4	5/22/00	<25	<25	<25	55	47	<25	<25	<2.6	N/S
EXC-1, SW-5	5/22/00	<25	<25	<25	71	66	72	<25	<2.7	N/S
EXC-1, SW-6	5/22/00	<25	<25	<25	61	53	<25	<25	<2.7	N/S
EXC-2, SW-7	5/22/00	<25	<25	<25	123	98	57	<25	<2.6	N/S
EXC-2, SW-8	5/22/00	<25	<25	<25	99	74	33	<25	<2.6	N/S
EXC-2, SW-9	5/22/00	<25	<25	<25	78	62	38	<25	<2.6	N/S
EXC-2, SW-10	5/22/00	<25	<25	<25	104	72	700	<25	3.5	N/S
EXC-2, Floor	5/22/00	<25	<25	<25	103	71	410	<25	<2.6	N/S
Backfill	5/22/00	<25	<25	<25	<25	<25	27*	<25	<2.7	<4.0
Confirmation-2	5/22/00	<100	240	1700	<b>45,000</b>	23000	7,200	<100	<b>250</b>	N/S
Confirmation-3	5/22/00	<250	<b>5,600</b>	<b>3,800</b>	<b>51,000</b>	52000	21,000	<250	<b>670</b>	N/S
Below UST (4')	5/22/00	<25	<25	<25	<25	<25	27	<25	<2.6	<4.2
WDNR Generic RCL		5.5	1,500	2,900	4,100	NS	NS	NS	100	100

< - Analyte concentration was below the method detection limit.

UST- Underground Storage Tank

EXC - excavation

SW - sidewall

NA - Not sampled for this constituent.

TMB - trimethylbenzene

MTBE - methyl-terbutyl ether

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

**Bold indicates an exceedance of the WDNR Residual Soil Contaminant Level.**

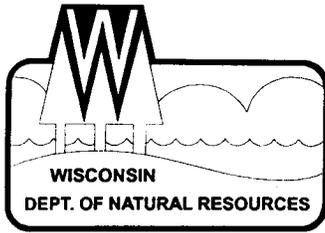
WDNR - Wisconsin Department of Natural Resources

RCL - residual contaminant level

N/S - not sampled for this compound

NS - No standard

\*Concentration between the level of detection and level of quantitation.



## 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

June 21, 2001

Mr. Robert Roessel  
Sand Bar  
3901 CTH A  
Webster, WI 54893

Subject: Sand Bar, 3901 CTH A, Webster, WI  
BRRTS #03-07-150410 PECFA #54893-7718-01

Dear Mr. Roessel:

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 June 7, 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](http://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



*Quality Natural Resources Management  
Through Excellent Customer Service*



reimbursement.

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

A handwritten signature in cursive script that reads "Janet Kazda".

Janet Kazda  
Case Closeout Committee

cc: File  
Lori Huntoon, Dept of Commerce  
Steve Karklins, DG/2  
Jim Kralick, Park Falls  
Tom Kendzierski, Spooner

Jeff Anderson  
Environmental Troubleshooters, Inc  
102 S 29<sup>th</sup> Ave W, Suite 100  
Duluth, MN 55806

BIRCH ISLAND LAKE, WIS.

NW/4 HERTEL 15' QUADRANGLE  
N4552.5-W9207.5/7.5

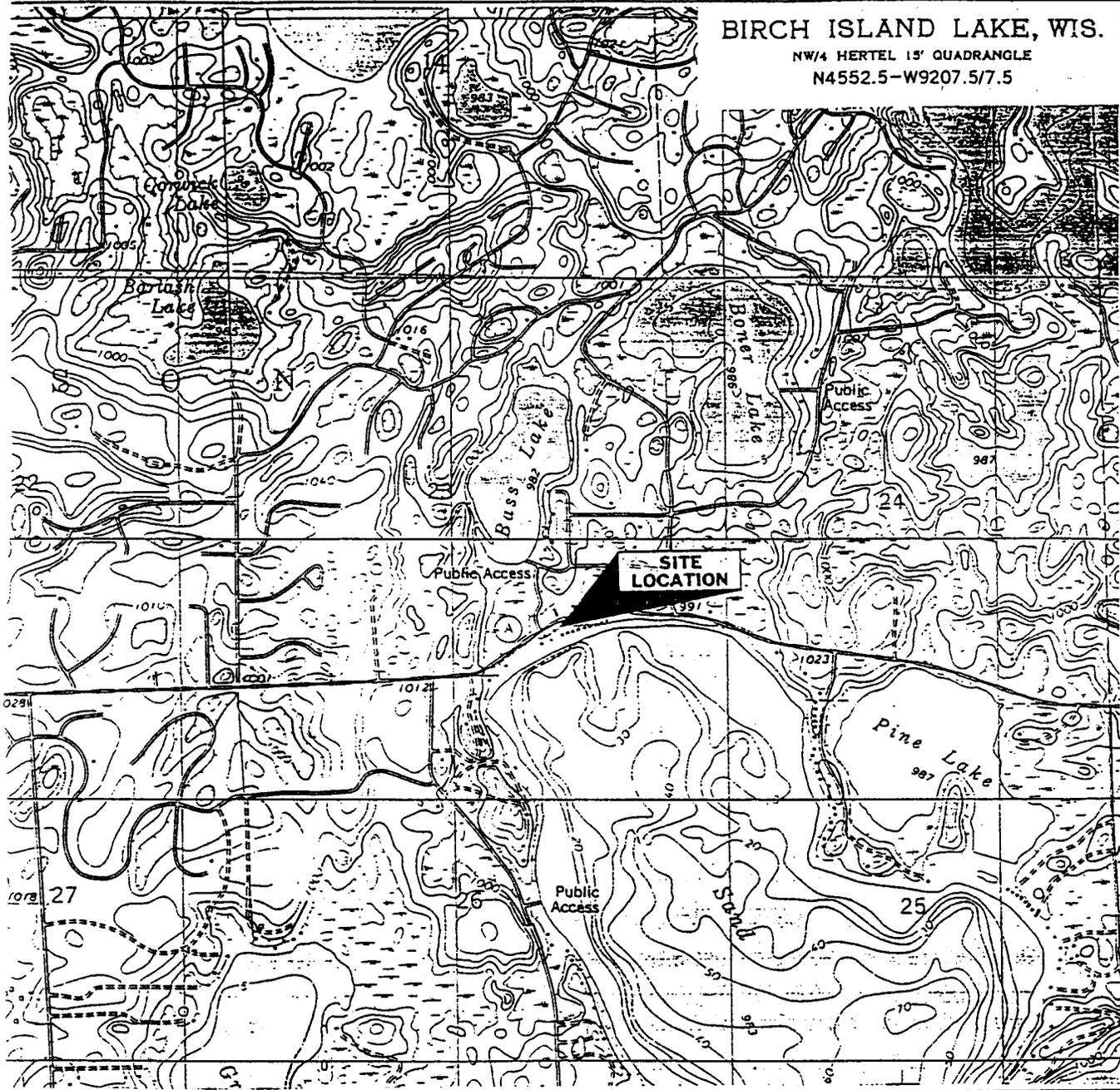


FIGURE 1

Site Location Map

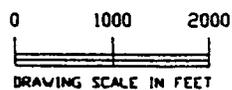
Sand Bar  
Birch Island Lake, WI

JOB NUMBER: 99-0804

CHECKED BY:

DATE: 08-23-99

FILE NAME: C:\sandbar99-0804(fig1)

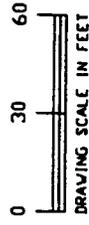




ENVIRONMENTAL TROUBLESHOOTERS, INC.

# LEGEND

- ⊕ Monitoring Well Locations
- ⊙ Geoprobe Locations
- OE Overhead Electric
- COMM Communication
- Sampling Points



### FIGURE 3

Geologic Cross-Section Plan View

Sand Bar  
Webster, WI

BRTS# 03-07-150410

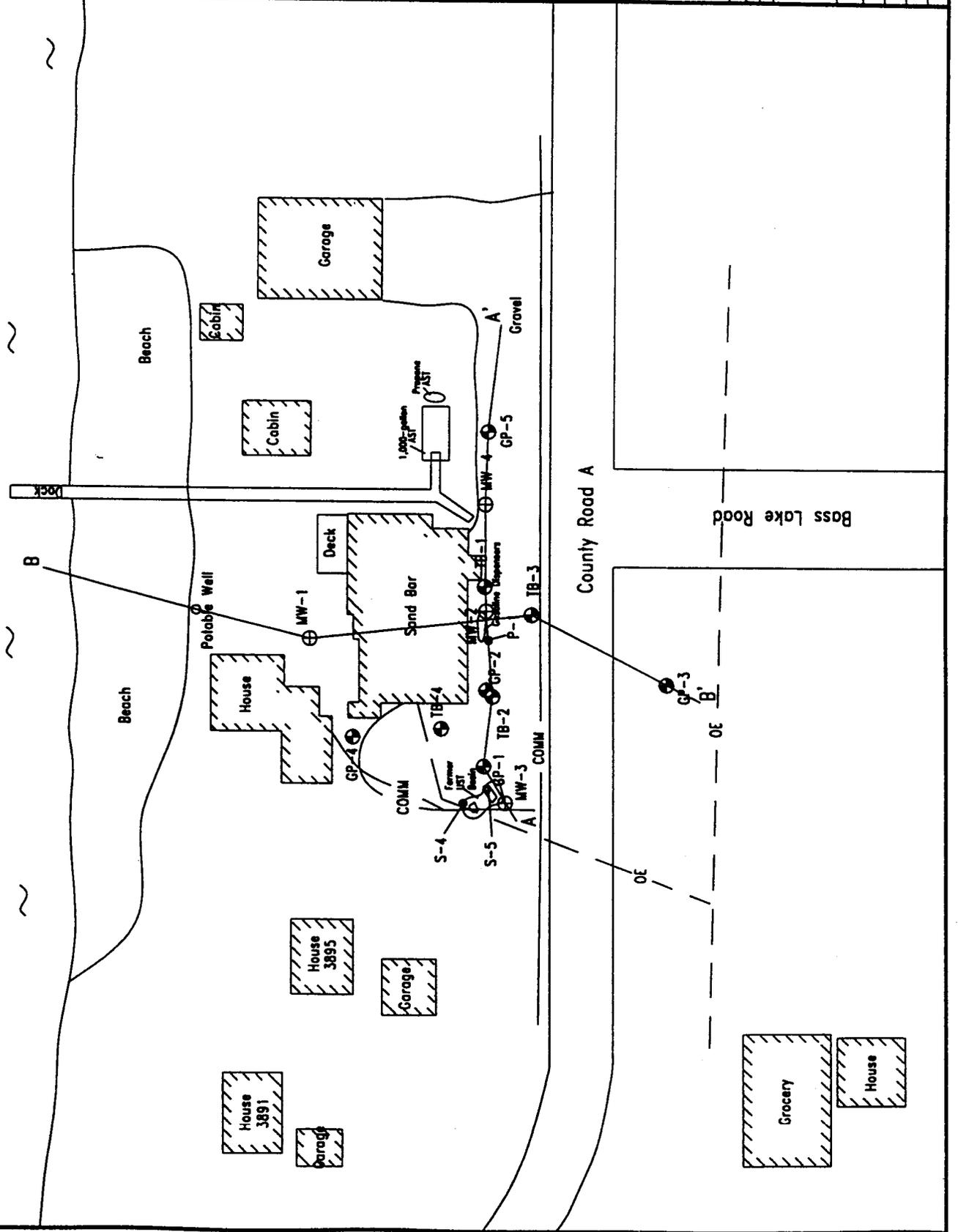
JOB NUMBER: 99-0004

CHECKED BY: JMG

DATE: 08-23-99

FILE NAME: C:\santor99-0804(fig.3)

Sand Lake



County Road A

Boss Lake Road

House 3891

House 3895

Garage

Garage

Cabin

Cabin

Deck

Sand Bar

House

Garage

Grocery

House

Lock

Beach

Beach

Petable Well

1,000-gallon  
Pump

COMM



ENVIRONMENTAL TROUBLESHOOTERS, INC.

# LEGEND

- Laboratory Sample
- Water Table
- Screened Interval
- Soil-GRO Conc. (ppm)
- Isoconcentration Contour

Horizontal Scale  
1" = 30'

Vertical Exaggeration  
6x

## FIGURE 4

Geologic Cross-Section A-A'

Sand Bar  
Webster, WI

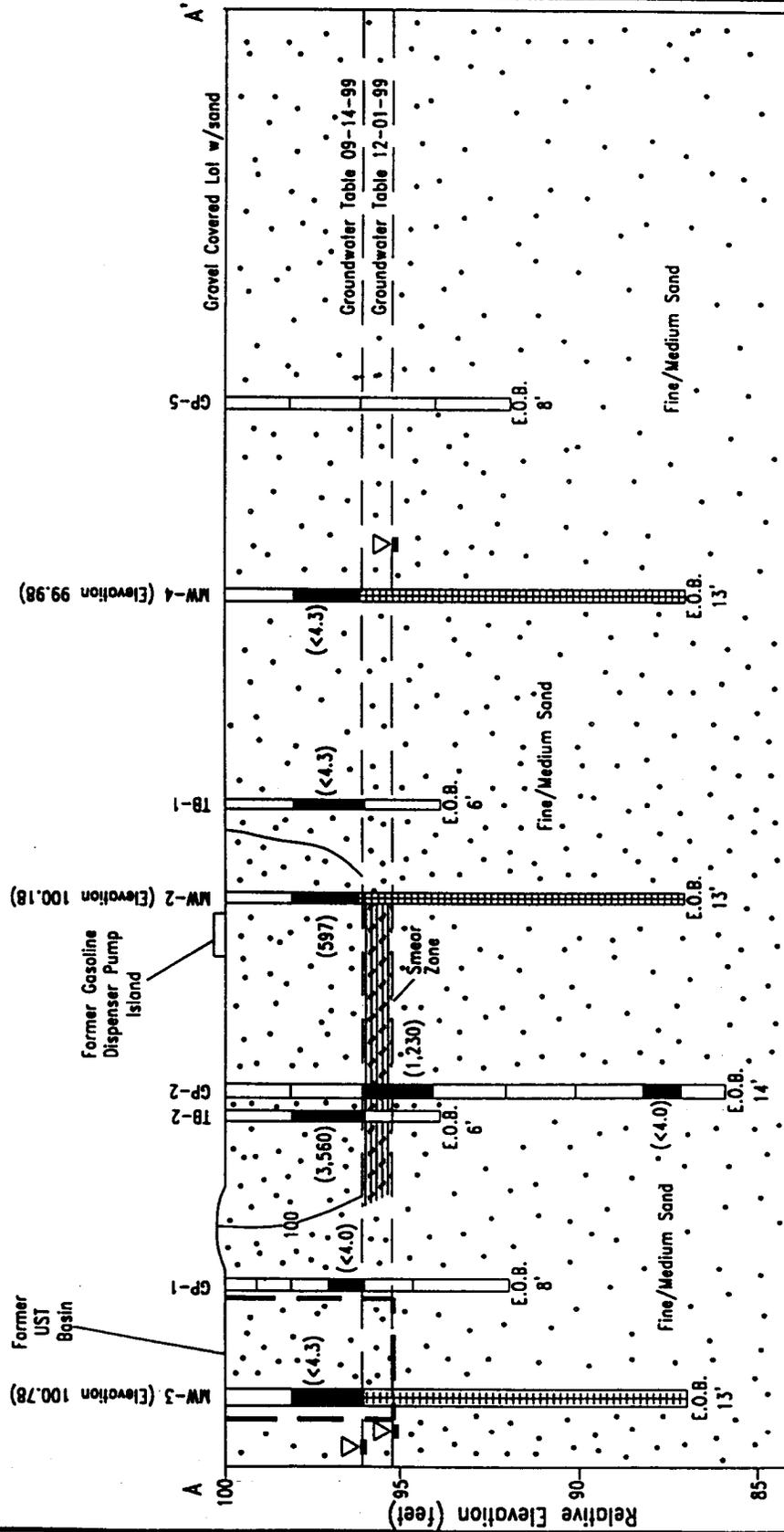
MPCA Leak #: \_\_\_\_\_

JOB NUMBER: 99-0804

CHECKED BY: JMG

DATE: 01-19-00

FILE NAME: C:\sonbar99-0804(fig4o)





ENVIRONMENTAL TROUBLESHOOTERS, INC.

# LEGEND

- Laboratory Sample
- Water Table
- Screened Interval
- Soil-GRO Conc. (ppm)
- Isoconcentration Contour

Horizontal Scale  
1" = 30'  
Vertical Exaggeration  
6x

## FIGURE 5

Geologic Cross-Section B-B'

Sand Bar  
Webster, WI

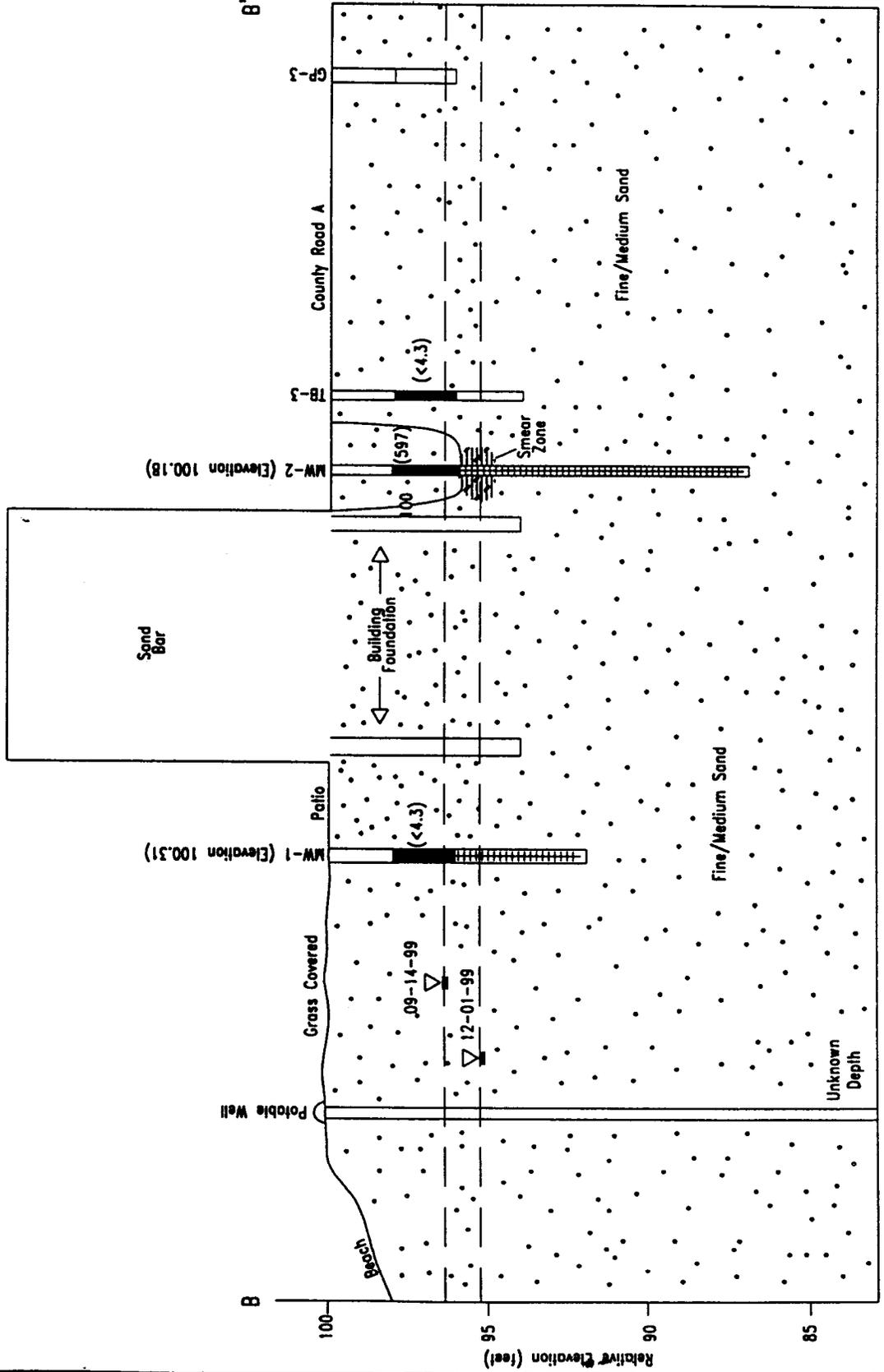
MPCA Leak #:

JOB NUMBER: 99-0804

CHECKED BY: JAC CREATED BY: JAC

DATE: 01-19-00

FILE NAME: C:\sandbar99-0804(1g4b)



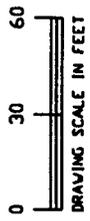


ENVIRONMENTAL TROUBLESHOOTERS, INC.

# LEGEND



- ⊕ Monitoring Well Locations
- ⊙ Geoprobe Locations
- OE Overhead Electric
- COMM Communication
- Sampling Points
- ↑ Groundwater Flow Direction
- ( ) Groundwater Elev. (feet)



### FIGURE 12

Potentiometric Surface Map  
(09-27-00)

Sand Bar  
Webster, WI

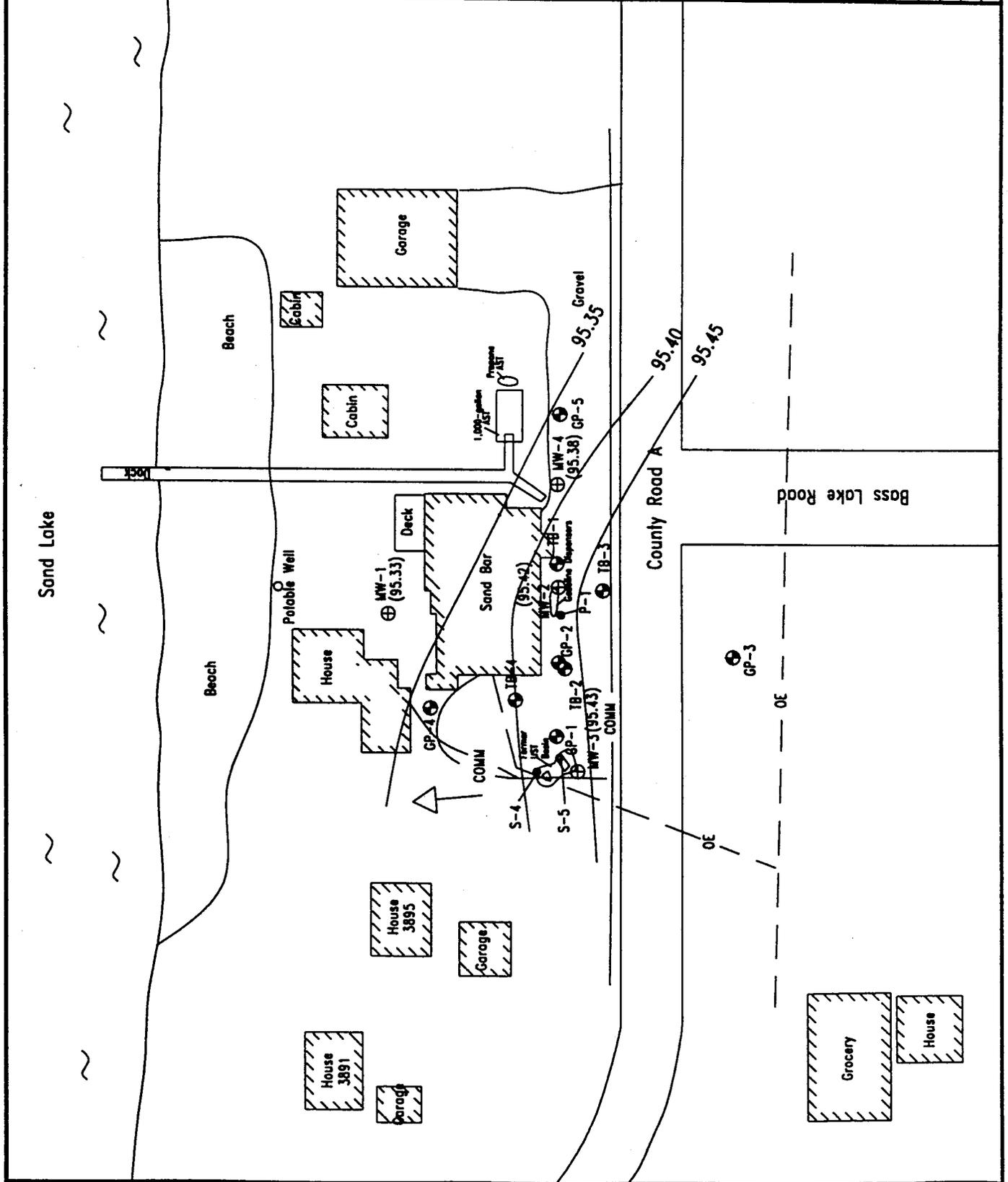
BRTS# 03-07-150410

JOB NUMBER: 99-0804

CHECKED BY: JMG

DATE: 01-17-00

FILE NAME: C:\sandbar99-0804(fig12).doc



**Table 3a**  
**Pre-Remedial Action Groundwater Sample Analytical Results**  
**Sand Bar**  
**WDNR BRRTS No. 03-07-150410**  
**Webster, Wisconsin**

Sample Location	Analysis Type	GRO (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	Naphthalene (ug/L)	MTBE (ug/L)	Lead (ug/L)
GP-1	F	<100	<0.5	<0.4	<0.4	<1.5	<0.2	<0.7	NA	<0.8	<5.0
GP-1	M	<100	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	5.8	<4.0	NA
GP-2	F	99.7	<b>1,600</b>	<b>15,100</b>	<b>2,130</b>	<b>16,300</b>	<b>3,590</b>	<b>3,580</b>	NA	<b>158</b>	<b>48</b>
GP-3	M	<100	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	NA
GP-4	M	<100	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	9.3	<4.0	NA
GP-5	M	<100	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	NA
Tap	F	<100	<0.5	<0.4	<0.4	<1.5	<0.2	<0.7	NA	<0.8	<5.0
Enforcement Standard		NS	5.0	343	700	620	480 (combined)		40	60	15
Preventative Action Level		NS	0.5	68.6	140	124	96 (combined)		8	12	1.5

Analysis Type: F = Fixed laboratory (En Chem/Midwest Analytical Services)  
M = Mobile laboratory (Mobile Environmental Sampling and Analysis)  
<: Parameter not detected at or above the indicated detection limit  
NA: Not analyzed  
**Bold** indicates an exceedance of the WDNR Enforcement Standard  
*Italics* indicates an exceedance of the WDNR Preventative Action Level

GRO: Gasoline range organics  
TMB: Trimethylbenzene  
MTBE: Methyl tertiary butyl ether  
GP: Geoprobe soil boring  
NS - No standard

**Table 3b**  
**Pre-Remedial Action Monitoring Well Groundwater Sampling Analytical Results**  
**Sand Bar**  
**WDNR BRRTS No. 03-07-150410**  
**Webster, Wisconsin**

Location	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	MTBE (ug/L)	GRO (mg/L)	Naphthalene (ug/L)	Lead (mg/L)
MW-1	9/14/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.2	<0.3	<0.1	<0.7	<0.002
	12/1/99	<1.0	<1.1	<1.2	<3.7	<1.2	<1.2	<0.61	<0.0096	<1.3	<0.002
MW-2	9/14/99	<12.5	192	208	11,540	3,700	1,080	<7.5	41.6	964	NA
	12/1/99	22.7	255	<25	23,700	4,000	3,490	33.5	43.8	679	<0.002
MW-3	9/14/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.2	<0.3	<0.1	<0.7	NA
	12/1/99	<1.0	<1.1	<1.2	<3.7	<1.2	<1.2	<0.61	<0.0096	<1.3	<0.002
MW-4	9/14/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.2	<0.3	<0.1	<0.7	NA
	12/1/99	<1.0	<1.1	<1.2	<3.7	<1.2	<1.2	<0.61	<0.0096	<1.3	<0.002
Tap	12/1/99	<1.0	<1.1	<1.2	<3.7	<1.2	<1.2	<0.61	<0.0096	<1.3	<0.002
Enforcement Standard		5.0	343	700	620	480 (combined)		60	Ns	40	15
Preventative Action Limit		0.5	68.6	140	124	96 (combined)		12	NS	8	1.5

< - Analyte concentration was below the method detection limit

MTBE - methyl-terbutyl ether

GRO - Gasoline Range Organics

*Italics* indicates a Preventative Action Limit exceedance.

**Bold** indicates an Enforcement Standard exceedance.

NS - No standard

NA - Not analyzed for this analyte

Table 4  
**Post-Remedial Action Groundwater Sampling Analytical Results**  
 Sand Bar  
 WDNR BRRTS No. 03-07-150410  
 Webster, Wisconsin

Location	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	MTBE (ug/L)	GRO (mg/L)	Naphthalene (ug/L)	Lead (mg/L)
MW-1	7/5/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<50	<0.44	NA
	9/27/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<50	<0.44	NA
MW-2	7/5/00	<0.35	<0.38	<0.37	<0.76	0.63	<0.37	<0.36	<50	0.53	NA
	9/27/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<50	<0.44	NA
MW-3	7/5/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<50	<0.44	NA
	9/27/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<50	<0.44	NA
MW-4	7/5/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<50	<0.44	NA
	9/27/00	<0.35	<0.38	<0.37	<0.76	<0.37	<0.37	<0.36	<50	<0.44	NA
Enforcement Standard		5.0	343	700	620	480 (combined)		60	NS	40	15
Preventative Action Limit		0.5	68.6	140	124	96 (combined)		12	NS	8	1.5

< - Analyte concentration was below the method detection limit  
 MTBE - methyl-tert-butyl ether  
 GRO - Gasoline Range Organics  
 Bold indicates over the Enforcement Standard.

NS - No standard  
 NA - Not analyzed for this analyte