

**GIS REGISTRY INFORMATION**

**SITE NAME:** D & D Bay Marina  
**BRRTS #:** 02-14-512282 **FID # (if appropriate):** \_\_\_\_\_  
**COMMERCE # (if appropriate):** \_\_\_\_\_  
**CLOSURE DATE:** 10/31/2007  
**STREET ADDRESS:** W9276 CTH G  
**CITY:** Beaver Dam

**SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):** X= 612011 Y= 330928

**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 or denial 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
- Copy of any maintenance plan referenced in the deed restriction.



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Lloyd L. Eagan, Regional Director

South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg, Wisconsin 53711-5397  
Telephone 608-275-3266  
FAX 608-275-3338  
TTY Access via relay - 711

October 31, 2007

Steve Daily  
6417 Lincrest Drive  
Racine, WI 53406

SUBJECT: Final Case Closure with Conditions  
D & D Bay Marina, W9276 CTH G, Beaver Dam, WI  
WDNR BRRTS Activity #: 02-14-512282

Dear Mr. Daily:

On October 23, 2007, the South Central Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

### GIS Registry

The conditions of case closure set out below in this letter require that your site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil petroleum contamination exists that must be properly managed should it be excavated or removed
- Groundwater petroleum contamination is present above Chapter NR 140 enforcement standards

Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line <http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

### Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners

must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code.

#### Remaining Residual Soil Contamination

Residual soil petroleum contamination remains in the vicinity of the above ground storage tanks and current and former dispenser islands, as indicated in the information submitted to the Department of Natural Resources. If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

#### Remaining Residual Groundwater Contamination

Groundwater impacted by petroleum-related contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present on the subject property. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program's GIS Registry at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact me at (608) 275-3209.

Sincerely,



Denise Nettlesheim  
Hydrogeologist  
Bureau for Remediation & Redevelopment

cc: Susan Friers, GZA, 20900 Swenson Drive, Suite 150, Waukesha, WI 53186  
Case File

State Bar of Wisconsin Form 3-2003  
QUIT CLAIM DEED

Document Number

Document Name

THIS DEED, made between CDA ENTERPRISES, A WISCONSIN GENERAL PARTNERSHIP, WITH AN UNDIVIDED FIFTY PERCENT (50%) INTEREST  
\_\_\_\_\_  
("Grantor," whether one or more),  
and STEPHEN J. DAILY, AN UNMARRIED MAN,  
\_\_\_\_\_  
\_\_\_\_\_  
("Grantee," whether one or more).

Grantor quit claims to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in DODGE County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

LOTS 3, 4, 5, 6 AND 7, BLOCK 4, PLAT OF LAKE HILL SUBDIVISION, IN THE TOWN OF BEAVER DAM, DODGE COUNTY, WISCONSIN

Recording Area

Name and Return Address  
Stephen J. Daily  
230 East Wisconsin Avenue  
18<sup>th</sup> Floor  
Milwaukee, WI 53202

004-1114-0533-055

Parcel Identification Number (PIN)

This is not \_\_\_\_\_ homestead property.  
(is) (is not)

Grantor is conveying its undivided one-half interest in the property to Grantee.

Dated DECEMBER 12, 2006

CDA ENTERPRISES

*David Ames* (SEAL)

\* BY DAVID AMES, PARTNER (SEAL)

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

AUTHENTICATION

Signature(s) DAVID AMES

authenticated on DECEMBER 12, 2006

*Thomas P. Glembocki*

\* THOMAS P. GLEMBOCKI  
TITLE: MEMBER STATE BAR OF WISCONSIN  
(If not, \_\_\_\_\_  
authorized by Wis. Stat. § 706.06)

THIS INSTRUMENT DRAFTED BY:  
THOMAS P. GLEMBOCKI

ACKNOWLEDGMENT

STATE OF WISCONSIN )  
 ) ss.  
\_\_\_\_\_ COUNTY )

Personally came before me on \_\_\_\_\_  
the above-named \_\_\_\_\_  
to me known to be the person(s) who executed the foregoing  
instrument and acknowledged the same.

\_\_\_\_\_  
Notary Public, State of Wisconsin  
My Commission (is permanent) (expires: \_\_\_\_\_)

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



STATE BAR OF WISCONSIN FORM 3 - 2000

QUIT CLAIM DEED

Document Number

\*1060244\*

Document Number  
Office of Register of Deeds  
Dodge County, Wisconsin  
RECEIVED FOR RECORD

Dec 12, 2005

at 3:28 o'clock P M

*Chris Planasch*

CHRIS PLANASCH - Registrar

This Deed, made between Michael S. Polsky as Receiver in the Matter of Ronning Enterprises, LLC, Case No. 2005CV000131 Grantor, and Waukau Storage Yard, LLP, a Wisconsin limited liability partnership, with an undivided fifty percent (50%) interest and Stephen J. Daily, an unmarried man with an undivided fifty percent (50%) interest Grantee.

Grantor quit claims to Grantee the following described real estate in Dodge County, State of Wisconsin (if more space is needed, please attach addendum):

Lots 3, 4, 5, 6 and 7, Block 4, Plat of Lake Hill Subdivision, in the Town of Beaver Dam, Dodge County, Wisconsin

TRANSFER

FEE

\$ 900.<sup>00</sup>/<sub>100</sub>

Recording Area

Name and Return Address

Stephen J. Daily  
250 E. Wisconsin Ave.  
Suite 1800  
Milwaukee, WI 53202

004-1113-0533-005

Parcel Identification Number (PIN)

This is not homestead property.  
(is) (is not)

006491

Together with all appurtenant rights, title and interests.

Dated this 5<sup>th</sup> day of December, 2005.

Michael S. Polsky as Receiver in the Matter of  
Ronning Enterprises, LLC, Case No. 2005CV000131

*Michael S. Polsky*

\* Michael S. Polsky, Receiver

AUTHENTICATION

Signature(s) Michael S. Polsky as Receiver

authenticated this \_\_\_\_\_ day of \_\_\_\_\_

ACKNOWLEDGMENT

STATE OF Wisconsin )

) ss.

Milwaukee County. )

Personally came before me this 5<sup>th</sup> day of  
December, 2005 the above named

**NEW FRONTIER  
LAND SURVEYING, LLC**

P.O. BOX 578 - BEAVER DAM, WI 53916-0578  
PHONE: (920)885-3904 FAX: (920)885-3905

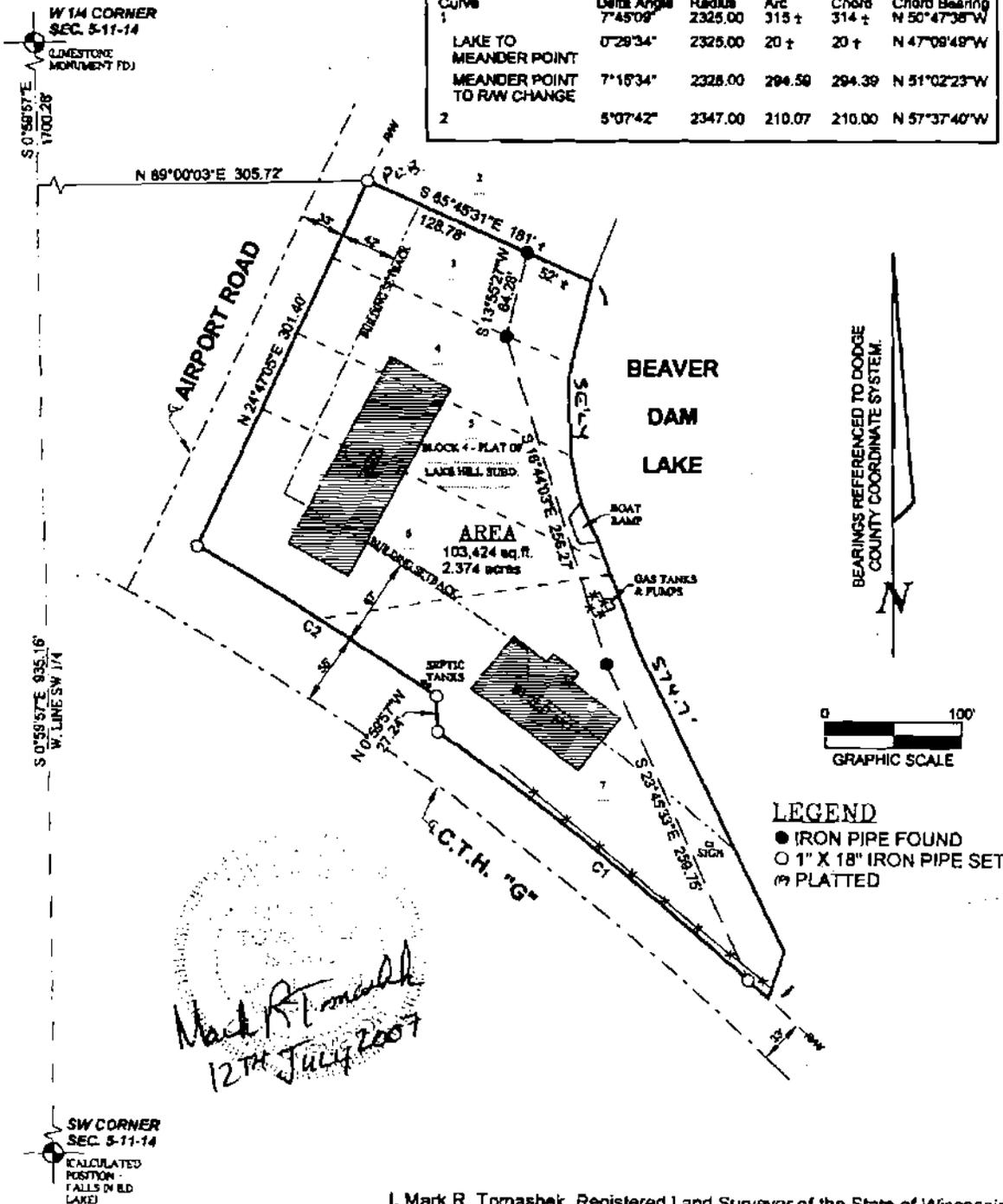
**PLAT OF SURVEY**

LOTS 3, 4, 5, 6 AND 7, BLOCK 4 OF PLAT OF LAKE HILL SUBDIVISION;  
LANDS BEING LOCATED IN THE SW 1/4 OF THE SW 1/4 OF  
SECTION 5, T. 11N., R. 14E, TOWN OF BEAVER DAM,  
DODGE COUNTY, WISCONSIN.

**OWNER**  
Stephen J. Daily

**CURVE DATA**

Curve	Delta Angle	Radius	Arc	Chord	Chord Bearing
1	7°45'09"	2325.00	315 ±	314 ±	N 50°47'38"W
LAKE TO MEANDER POINT	0°29'34"	2325.00	20 ±	20 ±	N 47°08'49"W
MEANDER POINT TO RAW CHANGE	7°16'34"	2325.00	294.50	294.39	N 51°02'23"W
2	5°07'42"	2347.00	210.07	210.00	N 57°37'40"W



*Mark R. Tomaszek*  
12th July 2007

I, Mark R. Tomaszek, Registered Land Surveyor of the State of Wisconsin, do hereby certify that by the order of Janice Scheuer, agent for owner, that I have made a survey of the described property according to official records and that this map is true and correct to the best of my knowledge and belief.

**LEGAL DESCRIPTION:**

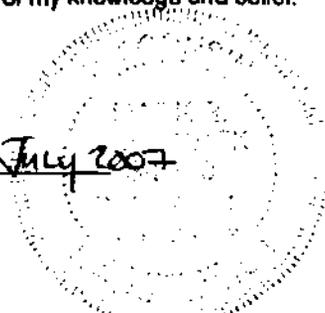
A survey of Lots 3,4,5,6 and 7 of the Plat of Lake Hills Subdivision, lands being located in the Southwest ¼ of the Southwest ¼ of Section 5, Town 11 North, Range 14 East, Town of Beaver Dam, Dodge County, Wisconsin being described as follows:

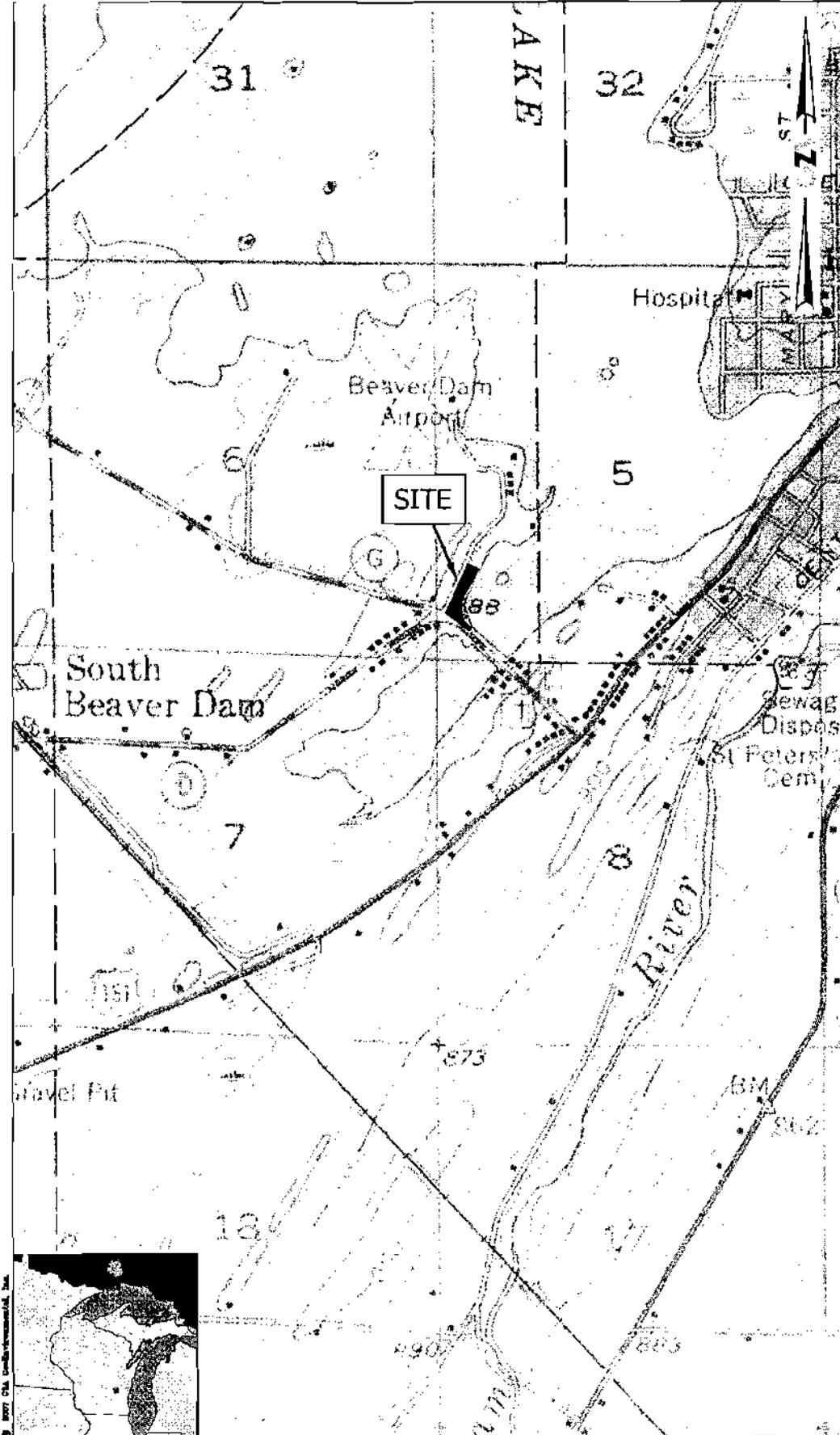
Beginning at the northwest corner said Lot 3, thence S.65°45'31"E. along the north line of said Lot 3, 181 feet more or less to the shoreline of Beaver Dam Lake; thence Southeasterly along said shoreline, 574.7 feet more or less to the northerly right-of-way line of C.T.H. "G"; thence along said northerly right-of-way line the following courses: Northwestery 20 feet more or less to a point of curvature; thence 294.59 feet northwesterly along the arc of a curve to the left, said curve having a radius 2325 feet and a chord which bears N. 51°02'23"W., 294.39 feet; thence N. 0°59'57"W., 27.24 feet; thence 210.07 feet northwesterly along the arc of a curve to the left, said curve having a radius of 2347.00 feet and a chord which bears N.57°37'40"W., 210.00 feet to the easterly right-of-way line of Airport Road; thence along said right-of-way line N.24°47'05"E., 301.40 feet to the Point of Beginning.

Said parcel contains 2.374 acres or 103,424 square feet more or less.

I, Mark R. Tomashek, Registered Land Surveyor of the State of Wisconsin, do hereby certify that by the order of Ms Janice Scheuer, agent for the owner, that I have made a survey of the described property and that this map and description is true and correct to the best of my knowledge and belief.

 12TH July 2007  
Mark R. Tomashek, WI RLS No. 2340





<p><b>D&amp;D BAY MARINA</b>  W9276 COUNTY HIGHWAY G  BEAVER DAM, WISCONSIN</p>		<p>PROJ MGR: CJM  DESIGNED BY: CJM  REVIEWED BY: CJM</p>	<p>BY: CJM  DATE: 7/17/07</p>
<p><b>SITE LOCATION MAP</b></p>		<p>SCALE: 1:24,000  0 2000' 4000'</p>	<p>DATE: 7/17/07</p>
<p>PROJECT NO.  20.151706.00</p>		<p>FIGURE NO.  A-1</p>	
<p>  <b>GZA GeoEnvironmental, Inc.</b>  20900 Swenson Drive, Suite 150  Waukesha, Wisconsin 53186 www.gza.com  P. (262)754-2500 F. (262)754-9711 </p>			



July 19, 2007  
File No. 20.0151706.00

Wisconsin Department of Natural Resources  
3911 Fish Hatchery Road  
Fitchburg, Wisconsin 53711



Attention: Ms. Denise Nettesheim  
Subject: Attached Legal Description  
D & D Bay Marina  
W9276 County Highway G  
Beaver Dam, Wisconsin  
BRRTS No. 02-14-512282

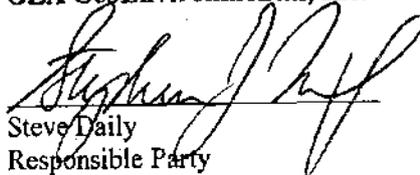
20900 Swenson Drive  
Suite 150  
Waukesha  
Wisconsin  
53186  
262-754-2560  
Fax: 262-754-9711  
www.gza.com

Dear Ms. Nettesheim:

Please find the attached legal description from the two Quit Claim Deeds and Certified Survey Map for the D & D Marina property located at W9276 County Highway G in Beaver Dam, Wisconsin. To the best of my knowledge, this legal description makes up the entire property within the impacted Site boundary and is being provided to you as part of the GIS Registry Packet.

Very truly yours,

GZA GeoEnvironmental, Inc.

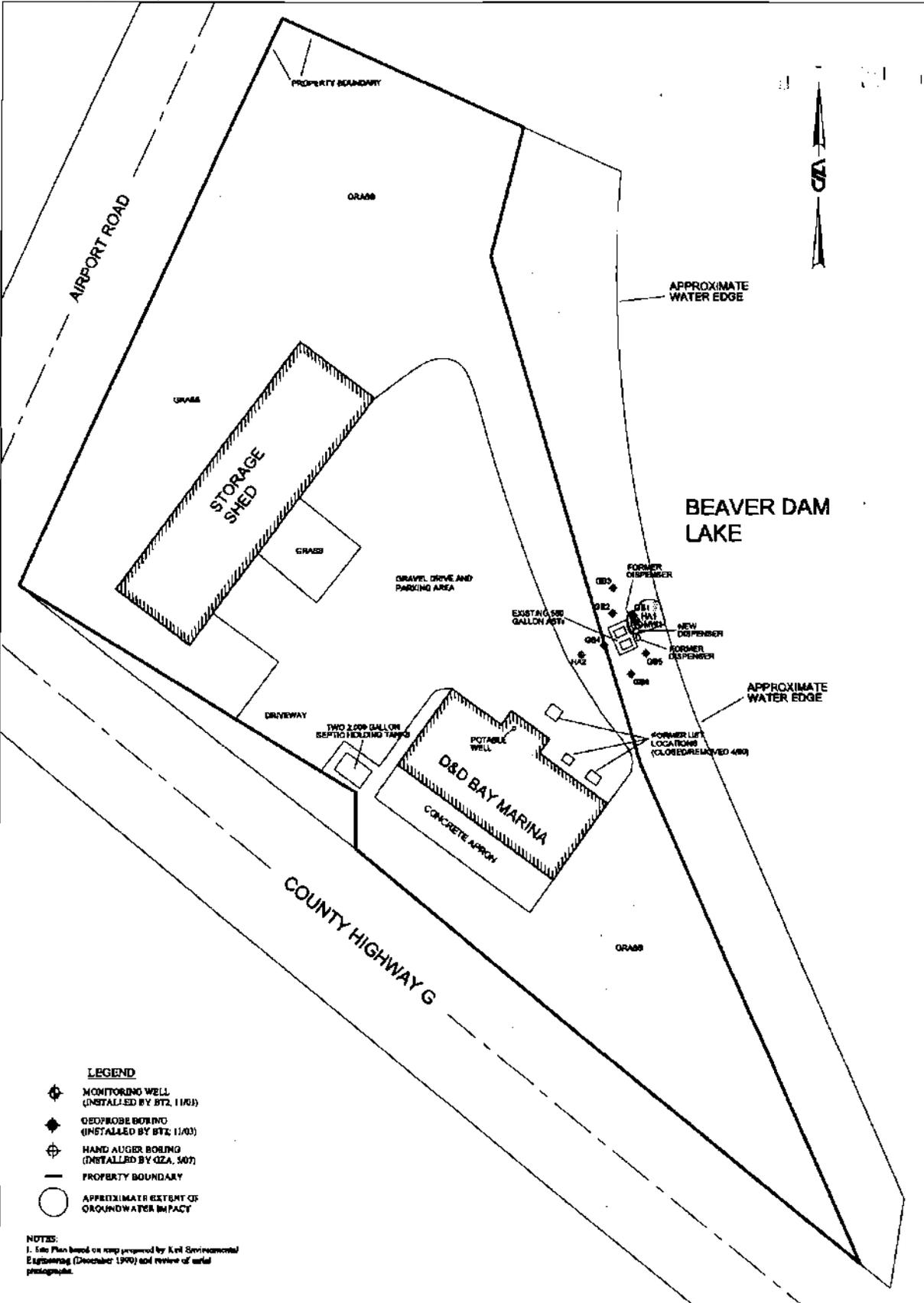
  
Steve Daily  
Responsible Party

Depth to Water Measurements  
(11/03 and 5/07)  
D D Bay Marina  
W9276 County Highway G  
Beaver Dam, Wisconsin

	Monitoring Well (MW1)
	Depth to Water (ft bgs)
11/11/03	2.11
5/17/07	2.55

Note:

1) All depth to water measurements obtained at the Site are included in the above table.



Drawing Name: J:\1517006\151706\151706.dwg; Figure: E-1.dwg; User: jeh; Date: 10/15/07; 2:00pm; Printed on: Jul 16, 2007; 3:48pm; by: jeh

- LEGEND**
- ◆ MONITORING WELL (INSTALLED BY STZ 11/03)
  - ◆ GEOPROBE BORING (INSTALLED BY STZ 11/03)
  - ⊕ HAND AUGER BORING (INSTALLED BY GZA 5/07)
  - PROPERTY BOUNDARY
  - APPROXIMATE EXTENT OF GROUNDWATER IMPACT

**NOTES:**  
 1. Site Plan based on map prepared by Kell Environmental Engineering (December 1990) and review of aerial photographs.

JOB NO.  
 20.0151706.00  
 FIGURE NO.  
 E-1

**D&D BAY MARINA**  
 W9276 COUNTY HIGHWAY G  
 BEAVER DAM, WISCONSIN

**SITE PLAN WITH EXTENT OF  
 GROUNDWATER IMPACTS**

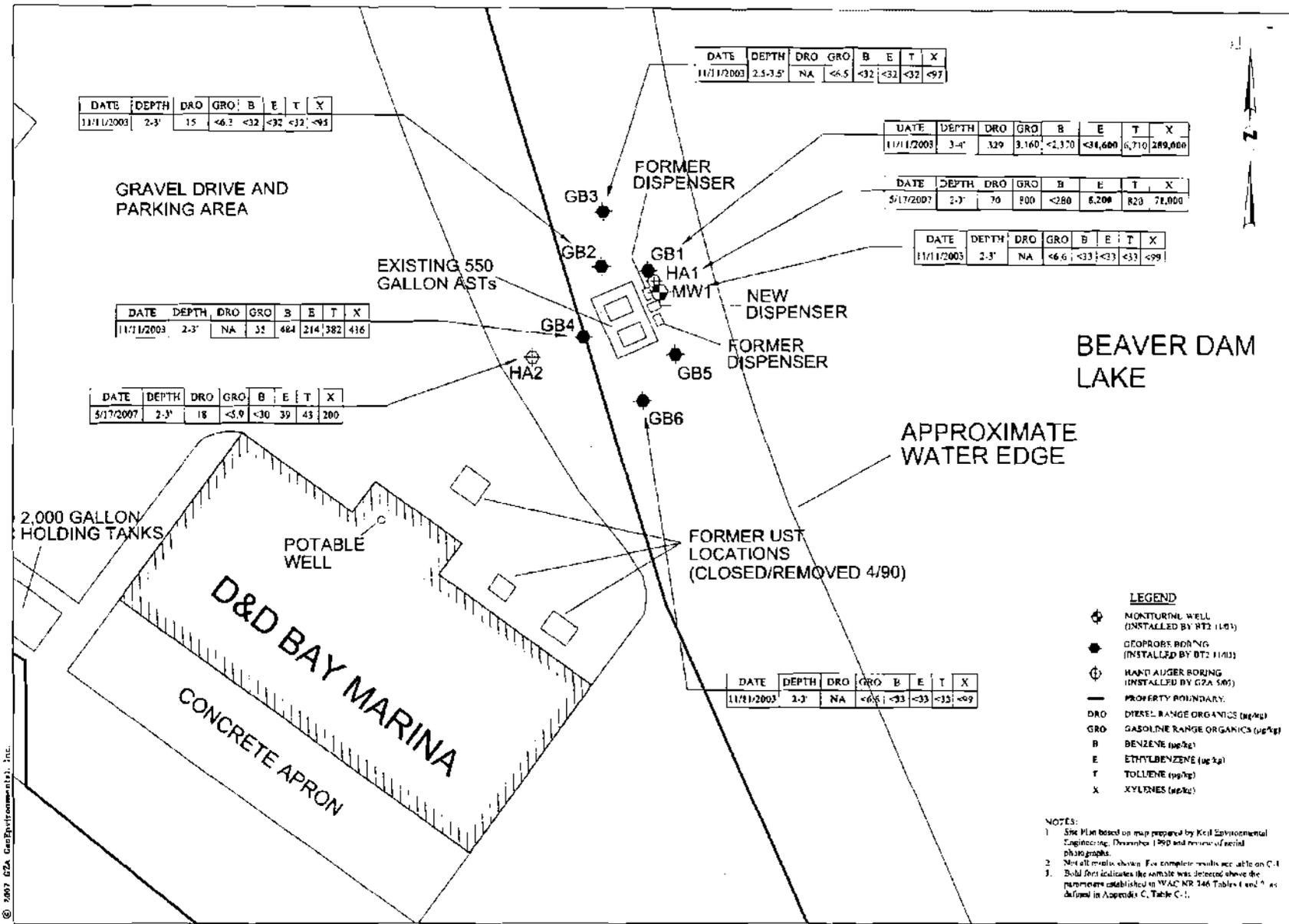
REV. NO.	DESCRIPTION	BY	DATE

1" = 45' (APPROXIMATE)  
 0 22.5' 45' 90'

PROJ MGR: JFK  
 DESIGNED BY: SEF  
 REVIEWED BY: JFK

OPERATOR: JAM  
 DATE: 10/15/07

**GZA**  
 GeoEnvironmental, Inc.  
 20000 Sherman Drive • Beaverton, Oregon • 97008  
 Phone (503) 794-2800 • Fax (503) 794-4771  
 www.gza.com



REV. NO.	DESCRIPTION	BY	DATE
		JFK	09/14/06
		JFK	10/15/07

PROJECT MGR: JFK  
 DESIGNER: JFK  
 CHECKED BY: JFK  
 DATE: 10/15/07

1" = 30' (APPROXIMATE)

0 15' 30' 60'

**GZA**  
 GeoEnvironmental, Inc.  
 2000 Grand Ave., Suite 100  
 Beaver Dam, WI 53005  
 Phone: 920.885.8888 Fax: 920.885.8889

**D&D BAY MARINA**  
 W9276 COUNTY HIGHWAY G  
 BEAVER DAM, WISCONSIN

**SOIL ANALYTICAL RESULTS**  
 (11/03 AND 5/07)

JOB NO. 20.0151706 00

FIGURE NO. C-2

© 2007 GZA GeoEnvironmental, Inc.

DATE	B	E	T	X	TMB	MTBE
11/11/03	1.2	0.52	1E	2.8	1.14	2.8

GRAVEL DRIVE AND  
PARKING AREA

DATE	B	E	T	X	TMB	MTBE
11/11/03	0.32	<0.22	0.18	<0.39	<0.44	1.6

EXISTING 550  
GALLON ASTs

DATE	B	E	T	X	TMB	MTBE
11/11/03	<0.25	<0.22	<0.11	<0.39	<0.44	<0.23

DATE	B	E	T	X	TMB	MTBE
11/11/03	7.9	2.5	2.4	21	10.7	270
5/17/07	7.4	1	0.18	16	8.6	48

FORMER  
DISPENSER

GB3

GB2

GB1

HA1

MW1

NEW  
DISPENSER

FORMER  
DISPENSER

GB4

HA2

GB5

GB6

BEAVER DAM  
LAKE

APPROXIMATE  
WATER EDGE

FORMER UST  
LOCATIONS  
(CLOSED/REMOVED 4/90)

DATE	B	E	T	X	TMB	MTBE
11/11/03	1.8	0.46	1.0	2.1	2.52	4.2

2,000 GALLON  
HOLDING TANKS

POTABLE  
WELL

D&D BAY MARINA

CONCRETE APRON

**LEGEND**

- ◆ MONITORING WELL (INSTALLED BY RTI (1992))
- GEOPROBE BOREHOLE (INSTALLED BY RTI (1992))
- ⊕ HAND ALGER BOREHOLE (INSTALLED BY GZA (2007))
- PROPERTY BOUNDARY
- R BENZENE (µg/g)
- E ETHYLBENZENE (µg/g)
- T TOLUENE (µg/g)
- X XYLENES (µg/g)
- TMB TRIMETHYLBENZENES (µg/g)
- MTBE METHYL TERT-BUTYL ETHER (µg/g)

**NOTES:**

1. Site Plan based on map prepared by Kell Environmental Engineering, December 12, 1999.
2. Not all results shown. For complete results see table on E-1.
3. Bold values exceed NR 140 enforcement standards.

REV. NO. \_\_\_\_\_ DISCIPLIN \_\_\_\_\_ DATE \_\_\_\_\_

PROJ. MGR. JEA DIS. MGR. JMH

DESIGNED BY: JEA DATE: 10/16/07

REVIEWED BY: JEA

GZA  
GeoEnvironmental, Inc.  
3000 North Lincoln Avenue  
Suite 100  
Chicago, IL 60642  
www.gza.com

1" = 50' (APPROXIMATE)

0 15' 30' 60'

D&D BAY MARINA

W9276 COUNTY HIGHWAY G  
BEAVER DAM, WISCONSIN

GROUNDWATER ANALYTICAL  
RESULTS MAP

JOB NO.

20.0151706.00

SHEET NO.

E-2

Table E-1  
GROUNDWATER ANALYTICAL DATA  
(11/03, 5/07, and 9/07)  
D D Bay Marina  
W9276 County Highway G  
Beaver Dam, Wisconsin

Parameter	Units	WAC NR 140		MW1		PW1	GB2	GB4	GB6	Trip Blank	On-Site Potable Well	On-Site Potable Well (Duplicate)
		ES	PAL	11/11/03	5/17/07	11/11/03	11/11/03	11/11/03	11/11/03	11/11/03	9/4/07	9/4/07
DRO	µg/l	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO	µg/l	NS	NS	NA	NA	<50	<50	<50	<50	NA	NA	NA
<b>VOCs</b>												
Benzene	µg/l	5	0.5	<b>7.9</b>	<b>7.4</b>	<0.25	1.2	0.32	1.8	<0.2	<0.2	<0.2
Chloromethane	µg/l	3	0.3	<0.2	NA	NA	NA	NA	NA	<0.2	<b>0.45J</b>	<0.2
Ethylbenzene	µg/l	700	140	2.5	1	<0.22	0.52	<0.22	0.46	<0.5	<0.5	<0.5
Isopropyl ether	µg/l	NS	NS	3.8	NA	NA	NA	NA	NA	ND	<0.5	<0.5
Isopropylbenzene	µg/l	NS	NS	0.29	NA	NA	NA	NA	NA	ND	<0.2	<0.2
Methyl-tert butyl ether	µg/l	60	12	<b>270</b>	48	<0.23	2.8	16	4.2	<0.5	<0.5	<0.5
Naphthalene	µg/l	40	8	1.2	NA	NA	NA	NA	NA	ND	<0.25	<0.25
n-Propylbenzene	µg/l	NS	NS	0.73	NA	NA	NA	NA	NA	ND	<0.5	<0.5
1,2,4-Trimethylbenzene	µg/l	480	96	10.7	8.6	<0.44	1.14	<0.44	2.52	<0.4	<0.2	<0.2
1,3,5-Trimethylbenzene	µg/l			<0.2	<0.2							
Toluene	µg/l	1,000	200	2.4	0.18	<0.11	1.8	0.18	1	<0.2	0.27J	0.21J
Xylenes	µg/l	10,000	1,000	21	16	<0.39	2.8	<0.39	2.1	<0.5	<0.5	<0.5
<b>Metals</b>												
Lead	µg/l	15	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

1. November 2003 sample results are as provided by BT<sup>2</sup> in their Site Investigation Results report (Table 2 - Groundwater Analytical Results Summary), submitted to WDNR on 2/4/04.
2. May 17, 2007 results are for groundwater samples collected by GZA GeoEnvironmental, Inc. (GZA) and analyzed by TestAmerica of Watertown, Wisconsin in accordance with United States Environmental Protection Agency (USEPA) Method 8021 for petroleum volatile organic compounds (PVOCs).
3. September 4, 2007 On-Site potable well samples were collected by GZA GeoEnvironmental, Inc. (GZA) and analyzed by TestAmerica of Watertown, Wisconsin in accordance with USEPA Method 8260B for volatile organic compounds (VOCs).
4. Analytical results are provided in micrograms per liter (µg/l).
5. Wisconsin Administrative Code (WAC) NR 140 Enforcement Standards (ESs) and Preventive Action Limits (PALs) are provided where established. **Bold font** indicates the sample was detected above the PAL and shading indicates the sample was detected above the ES.
6. NS indicates that no standard is established for that parameter.
7. NA indicates the sample was not analyzed for that parameter, and ND indicates no detection.

**TABLE 1**  
**SOIL ANALYTICAL RESULTS SUMMARY**  
**D D Bay Macina**  
**W9276 County Highway G**  
**Beaver Dam, Wisconsin**

Parameter	Units	NR 746 Table 1-Indicators of Residual Petroleum Product in Soil Pores	NR 746 Table 2-Direct Contact RCLs	Sample Number and Depth			
				North Wall (3')	East Wall (3')	South Wall (3')	West Wall (3')
<b>VOCs</b>							
Benzene	µg/kg	8,500	1,100	240	<31	410	<32
sec-Butylbenzene	µg/kg	NS	NS	130	<31	43	<32
Ethylbenzene	µg/kg	4,600	NS	320	62	470	<32
Isopropylbenzene	µg/kg	NS	NS	450	<31	73	<32
p-Isopropyltoluene	µg/kg	NS	NS	64	<31	<32	<32
Methyl tert-butyl ether (MTBE)	µg/kg	NS	NS	460	<31	520	<32
Naphthalene	µg/kg	2,700	NS	690	<61	440	<65
n-Propylbenzene	µg/kg	NS	NS	1,400	<31	300	<32
Toluene	µg/kg	38,000	NS	<33	<31	500	<32
1,2,4-Trimethylbenzene	µg/kg	83,000	NS	8,500	250	2,500	<32
1,3,5 Trimethylbenzene	µg/kg	11,000	NS	2,500	70	760	<32
Xylenes, total	µg/kg	42,000	NS	19,000	<100	3,500	<110

**Notes:**

1. Samples were collected by GZA GeoEnvironmental, Inc. (GZA) on September 7, 2007, and were analyzed by TestAmerica of Watertown, Wisconsin using United States Environmental Protection Agency (USEPA) Method 8260B for volatile organic compounds (VOCs). Only detected compounds are shown.
2. Results are provided in micrograms per kilogram (µg/kg).
3. NS = No standard established.
4. The Table 1 and 2 values were obtained from Wisconsin Administrative Code (WAC) Chapter NR746.

Table C-1  
SOIL ANALYTICAL DATA  
(11/03 and 5/07)  
D D Bay Marina  
W9276 County Highway G  
Beaver Dam, Wisconsin

Parameter	Units	WAC	WAC	Site Specific RCL	GB1S2	GB2S1	GB3S2	GB4S1	GB5S1	GB6S1	HA-1	HA-2	MeOH Blank
		NR 746	NR 746		(3' - 4')	(2' - 3')	(2.5' - 3.5')	(2' - 3')	(2' - 3')	(2' - 3')	(2' - 3')	(2' - 3')	
		Table 1	Table 2		11/11/03	11/11/03	11/11/03	11/11/03	11/11/03	11/11/03	5/17/07	5/17/07	
DRO	mg/kg				329	15	NA	NA	NA	NA	70	18	NA
GRO	mg/kg				3,160	<6.3	<6.5	35	<6.6	<6.6	800	<5.9	<5
<b>VOCs</b>													
Benzene	µg/kg	<b>8,500</b>	<b>1,100</b>		<2,370	<32	<32	484	<33	<33	<280	<30	<25
Ethylbenzene	µg/kg	<b>4,600</b>		<b>5,500,000</b>	<b>31,600</b>	<32	<32	214	<33	<33	<b>8,200</b>	39	<25
Methyl-tert butyl ether	µg/kg				<816	<32	<32	<28	<33	<33	<280	<30	<25
Toluene	µg/kg	<b>38,000</b>		<b>6,260,000</b>	6,710	<32	<32	382	<33	<33	820	43	<25
1,2,4-Trimethylbenzene	µg/kg	<b>83,000</b>			<b>197,000</b>	<32	<32	92	<33	<33	56,000	57	<25
1,3,5-Trimethylbenzene	µg/kg	<b>11,000</b>			<b>65,800</b>	<32	<32	49	<33	<33	<b>18,000</b>	<30	<25
Xylenes	µg/kg	<b>42,000</b>		<b>700,000</b>	<b>289,000</b>	<95	<97	416	<99	<99	<b>71,000</b>	200	<75
<b>Metals</b>													
Lead	mg/kg				13	16	14	29	15	21	NA	NA	NA

**Notes:**

1. November 2003 sample results are as provided by BT<sup>2</sup> in their Site Investigation Results report (Table 1 - Soil Analytical Results Summary), submitted to WDNR on 2/4/04.
2. May 2007 results are for samples collected by GZA GeoEnvironmental, Inc. (GZA) on May 17, 2007 and analyzed by TestAmerica of Watertown, Wisconsin. Samples were analyzed in accordance with United States Environmental Protection Agency (USEPA) Method 8021 for volatile organic compounds (VOCs), diesel range organics (DRO), and gasoline range organics (GRO) and Wisconsin Department of Natural Resources requirements. Results are provided in milligrams per kilogram (mg/kg) and micrograms per kilogram (µg/kg) as shown.
3. WAC NR 746 Table 1 (Indicators of Residual Petroleum Product in Soil Pores) and Table 2 (Protection of Human Health from Direct Contact with Contaminated Soil) parameters are provided where established, as presented by BT<sup>2</sup> (2/4/04). Bold font indicates the sample was detected above the parameters established in Table 1 or 2.
4. NA indicates the sample was not analyzed for that parameter.
5. Site Specific RCL values were calculated using the default values provided for each parameter on the US EPA Soil Screening Website.



WEST WALL

DATE	DEPTH	DRO	GRO	B	E	T	X
9/7/2007	3'	NA	NA	<32	<32	<32	<110

NORTH WALL

DATE	DEPTH	DRO	GRO	B	E	T	X
9/7/2007	3'	NA	NA	240	320	<33	19,000

EAST WALL

DATE	DEPTH	DRO	GRO	B	E	T	X
9/7/2007	3'	NA	NA	<31	62	<31	<100

DATE	DEPTH	DRO	GRO	B	E	T	X
11/11/2003	2-3'	15	<6.3	<32	<32	<32	<95

SOUTH WALL

DATE	DEPTH	DRO	GRO	B	E	T	X
9/7/2007	3'	NA	NA	410	470	500	3,500

GRAVEL DRIVE AND PARKING AREA

DATE	DEPTH	DRO	GRO	B	E	T	X
11/11/2003	2-3'	NA	35	484	214	382	416

EXISTING 550 GALLON ASTS

DATE	DEPTH	DRO	GRO	B	E	T	X
5/17/2007	2-3'	18	<5.9	<30	39	43	200

HA-2

GB4

GB3

GB2

GB5

GB6

NEW DISPENSER

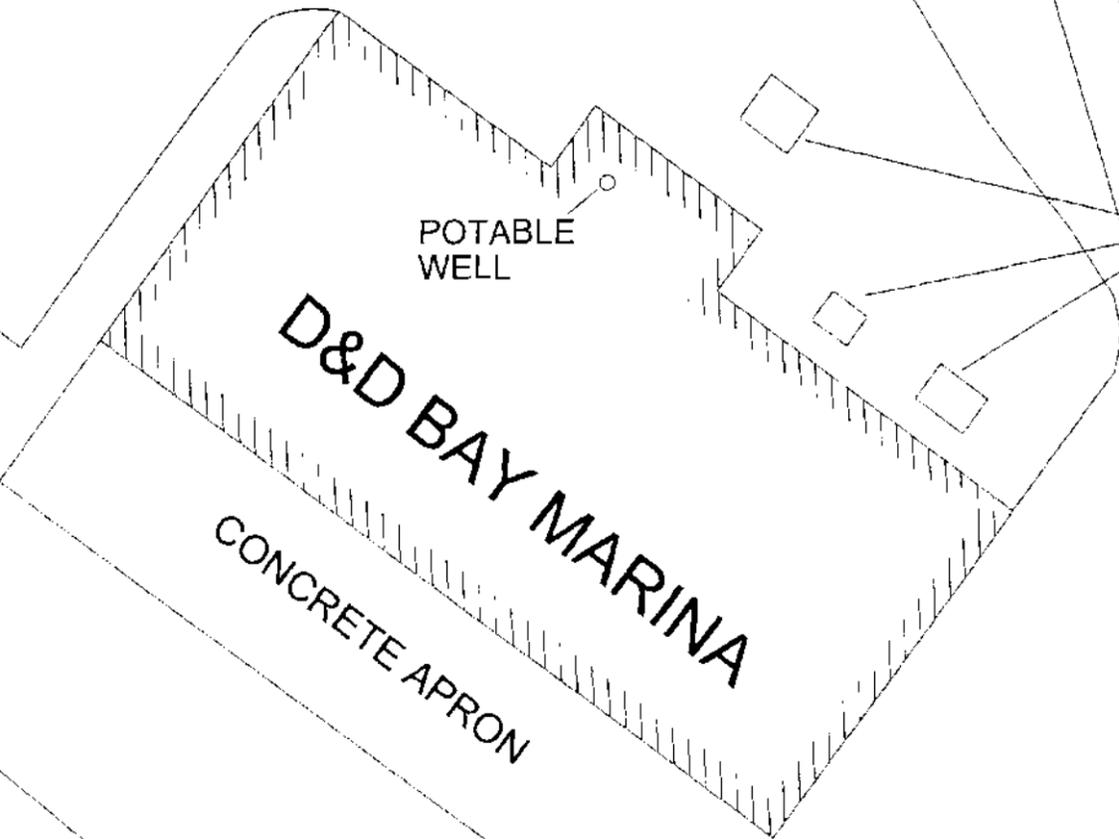
DATE	DEPTH	DRO	GRO	B	E	T	X
11/11/2003	2-3'	NA	<6.6	<33	<33	<33	<99

BEAVER DAM LAKE

APPROXIMATE WATER EDGE

FORMER UST LOCATIONS (CLOSED/REMOVED 4/90)

DATE	DEPTH	DRO	GRO	B	E	T	X
11/11/2003	2-3'	NA	<6.6	<33	<33	<33	<99



- LEGEND
- SOIL EXCAVATION SAMPLES 9/07
  - ⊕ MONITORING WELL (INSTALLED BY BT2 11/03)
  - GEOPROBE BORING (INSTALLED BY BT2 11/03)
  - ⊕ HAND AUGER BORING (INSTALLED BY GZA 5/07)
  - PROPERTY BOUNDARY

- NOTES
1. Site Plan based on map prepared by Keil Environmental Engineering, December 1990 and review of aerial photographs.
  2. Soil excavation was performed on 9/7/07 by Dixota Intertek under the direction of GZA.
  3. The petroleum-impacted area was excavated to a depth of ~4.5 ft. The excavation extended north to approximately 3 ft beyond the north edge of the concrete slab, east to the rip-rap, south approximately 1 ft beyond the edge of the fuel dispenser concrete slab, and west to approximately 1 ft beyond the edge of the AST concrete slab. (The excavation extended under both concrete slabs to remove visual staining).
  4. The excavated area was back-filled to grade with a clean crushed gravel mixture.

D&D BAY MARINA  
W9276 COUNTY HIGHWAY G  
BEAVER DAM, WISCONSIN  
EXCAVATION AREA

JOB NO  
20.0151706.00

FIGURE NO.  
1

REV. NO. DESCRIPTION

PROJ. MGR. JJK  
DESIGNED BY: SEF  
REVIEWED BY: JFK

DATE: 10/16/07

OPERATOR: JAH

DATE: 10/16/07

GZA  
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30100 Swenson Drive • Waukegan, Wisconsin • 53186  
Phone (262) 761-2500 • Fax (262) 761-9711  
www.gzi.com

1" = 30' (APPROXIMATE)  
0 15' 30' 60'