

## **GIS Registry Disclaimer**

This case was closed by the DNR prior to August 1, 2002, when DNR began adding approved cleanups with residual soil contamination into the GIS Registry. Certain documents that are currently required by ch. NR 726, Wis. Adm. Code may therefore not be included in this packet as they were unavailable at the time the original case was closed.

The information contained in this document was assembled by DNR from a previously closed case file, and added to the GIS Registry to provide the public with information on closed sites with residual soil and/or groundwater contamination remaining above applicable state standards.

# GIS REGISTRY

## Cover Sheet

July, 2008  
(RR 5367)

### Source Property Information

BRRTS #:

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

COMM #:

#### \*WTM COORDINATES:

X:  Y:

*\* Coordinates are in  
WTM83, NAD83 (1991)*

#### WTM COORDINATES REPRESENT:

Approximate Center Of Contaminant Source

Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

#### Contaminated Media:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

Soil Contamination > \*RCL or \*\*SSRCL (232)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

#### Land Use Controls:

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations  
between residential and industrial levels)*

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

*(note: maintenance plan for  
groundwater or direct contact)*

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government or economic  
development corporation)*

Monitoring wells properly abandoned? (234)

Yes  No  N/A

*\* Residual Contaminant Level*

*\*\*Site Specific Residual Contaminant Level*

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

**NOTICE: Completion of this form is mandatory** for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #:  PARCEL ID #:

ACTIVITY NAME:  WTM COORDINATES: X:  Y:

**CLOSURE DOCUMENTS** (the Department adds these items to the final GIS packet for posting on the Registry)

- Closure Letter**
- Maintenance Plan** (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Conditional Closure Letter**
- Certificate of Completion (COC)** for VPLE sites

**SOURCE LEGAL DOCUMENTS**

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.  
*Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).  
**Figure #:**                      **Title:**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

**MAPS** (meeting the visual aid requirements of s. NR 716.15(2)(h))

- Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.
- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.  
*Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*  
**Figure #: 1**                      **Title: Site Location Map**
  - Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #: 2`**                      **Title: Site Layout**
  - Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #: 4**                      **Title: Limits of Excavation**

BRRTS #: 03-53-002358

ACTIVITY NAME: Boaz Country Store

**MAPS (continued)**

- Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

**Figure #: 11 Title: PID Cross Section A-A**

**Figure #: Title:**

- Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.

**Note:** This is intended to show the total area of contaminated groundwater.

**Figure #: Title:**

- Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

**Figure #: 7 Title: Groundwater Gradient - Wells**

**Figure #: Title:**

**TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))**

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

- Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.  
**Note:** This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

**Table #: 2 Title: Soil Analytical Data Summary**

- Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

**Table #: 1 Title: Boaz Groundwater Analytical Results**

- Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

**Table #: Title:**

**IMPROPERLY ABANDONED MONITORING WELLS**

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

**Note:** If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

**Note:** If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

**Figure #: Title:**

- Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

- Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

- Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 03-53-002358

ACTIVITY NAME: Boaz Country Store

## NOTIFICATIONS

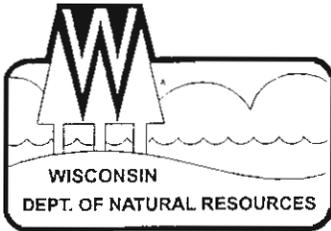
### Source Property

- Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

### Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

- Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.  
**Note:** Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.  
**Number of "Off-Source" Letters:**
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.
- Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.  
**Note:** If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).  
**Number of "Governmental Unit/Right-Of-Way Owner" Letters:**



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
Ruthe E. Badger, Regional Director

South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg, Wisconsin 53711-5397  
Telephone 608-275-3266  
FAX 608-275-3338  
TDD 608-275-3231

November 25, 1998

File Ref.: 03-53-002358

Mr. James Husnik  
Consumer's Cooperative  
165 W. Hazeltine St.  
Richland Center, WI 53581

Subject: Site Closure, Boaz Country Store, USH 14 and CTH E, Boaz, WI, Richland County

Dear Mr. Husnik:

On October 24, 1997, the South Central Region Remediation and Redevelopment Program's Closure Committee reviewed and approved your request for closure for the site indicated above, pending the recording of a deed affidavit and the submittal of documentation of the proper abandonment of the monitoring wells at the site. Both conditions of closure have now been met. As a result, no further investigation, remediation, or other action is required at this time.

Please be aware that site closure does not absolve the current or any future owner of this property from future decisions regarding this site or impacts which may be discovered and/or traced to past or future activities at this site. If, in the future, the Department receives information which demonstrates that additional work is necessary, the Department has authority to require further action.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please write to me at the address listed above or contact me as indicated below.

Sincerely,

Harlan Kuehling, P.G.  
Remediation & Redevelopment Program Hydrogeologist  
telephone: (608) 275-3286  
e-mail: kuehlih@dnr.state.wi.us

cc: Mark Janowiak - ECCI



Quality Natural Resources Management  
Through Excellent Customer Service



VOL 285 PAGE 750

Document Number DEED NOTIFICATION

2278 51

VOL 285 PAGE 750

RECORDED

AT 1:30 O'CLOCK p.m.

FEB 05 1998

VOL 285 OF RECORDS PAGE 750-751

REGISTER OF DEEDS RICHLAND COUNTY, WISCONSIN

BY Judith A. [Signature]

RE: Real property located in Richland County and described in Attachment 1, which is attached hereto and made a part of this affidavit.

Affidavit

STATE OF WISCONSIN )
) SS
COUNTY OF RICHLAND )

James J. Husnik, being first duly sworn, on oath deposes and says:

- 1. That he is the general manager of Consumers Cooperative of Richland County and has the authority to sign this document on behalf of Consumers Cooperative of Richland County.
2. That Consumers Cooperative of Richland County is the owner of the property described in Attachment 1.
3. That approval has been given by the Wisconsin Department of Natural Resources for the close-out of an environmental contamination case involving the property described above on the condition that a notification of the existence of residual contamination on the property is recorded at the Office of the Register of Deeds in the county where the property described above is located.
4. That this affidavit is being recorded for the purpose of notifying prospective purchasers and other interested parties that inaccessible petroleum-contaminated soil that could not be removed during contaminated soil excavation and treatment activities which occurred during April, 1995 remains beneath the southern portion of the existing building on the above described property and also beneath the northern portion of the adjoining USH 14 right-of-way southwest of the existing building on the above described property.

Signature: [Handwritten Signature]

Printed Name: JAMES J. HUSNIK

Title: General Manager

Subscribed and sworn to before me this 4th day of FEBRUARY, 1998

Arnold E. Pharo
ARNOLD E. PHARO

Notary Public, State of WISCONSIN
My commission EXPIRES 12-27-1998

This document was drafted by the Wisconsin Department of Natural Resources.

Recording Area

Name and Return Address

Consumers Coop
P.O. Box 533
Richland Center

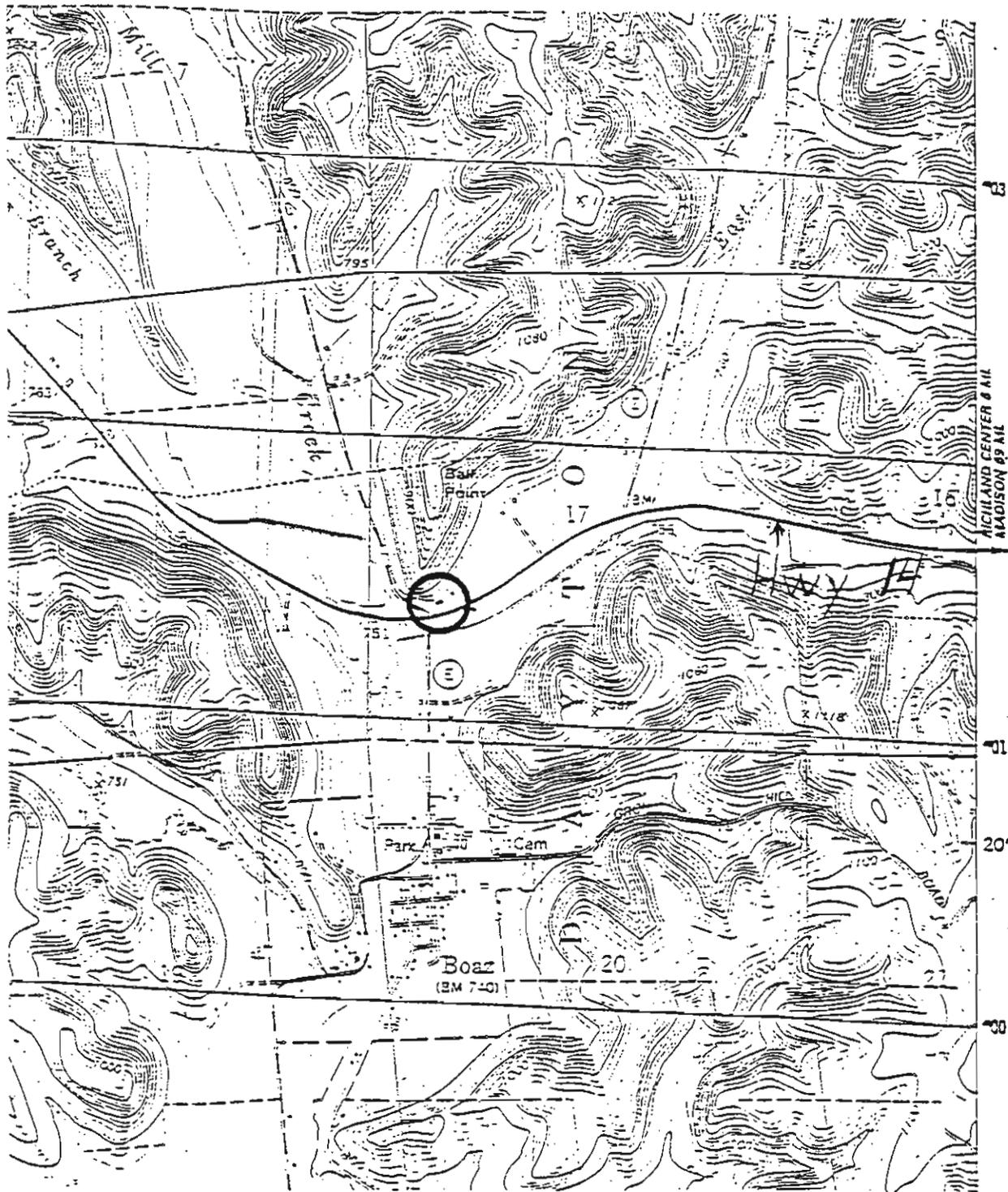
Parcel ID Number

RECORDED

A part of the Northwest Quarter (NW¼) of the Southwest Quarter (SW¼) of Section Seventeen (17), in Township Ten (10) North, Range One (1) West, Richland County, Wisconsin, described as follows: Beginning in the center of Mill Creek at a point One Thousand Five Hundred Six (1506) feet North and One Hundred Eighty-five (185) feet East of the Southwest corner of the above mentioned Section Seventeen (17); thence run North Eighty-five (85) degrees East a distance of Forty-three (43) rods; thence run North Seventy-two (72) degrees Ten (10) minutes East a distance of Six (6) rods; thence run North Thirty-two (32) degrees Fifty (50) minutes West a distance of Sixteen (16) rods; thence run South Sixty-six (66) degrees Fifty-five (55) minutes West a distance of Thirty-three (33) rods to the center line of County Highway E; thence run North Forty-nine (49) degrees Five (5) minutes West a distance of Fourteen (14) rods; thence run South Seventy (70) degrees Fifty-five (55) minutes West a distance of Four (4) rods to the center line of Mill Creek; thence run South Nineteen (19) degrees Forty (40) minutes East a distance of Fourteen and one-fourth (14¼) rods to place of beginning; EXCEPTING THEREFROM a parcel which is part of the right-of-way of U.S. Highway 14 described as commencing at a point which is 1,506 feet North, 185 feet East and North 85 degrees East 274.50 feet to the centerline of Richland County Highway "E" of the Southwest Corner of said Section 17; thence North, 85 degrees East, 435 feet; thence North, 72 degrees 10 minutes East, 99 feet; thence North, 32 degrees 50 minutes West, 56.61 feet to the Northerly right-of-way limit of U.S. Highway 14; thence South, 71 degrees 17 minutes 24 seconds West, 110.83 feet along said Northerly right-of-way; thence South, 81 degrees 48 minutes 10 seconds West, 428.92 feet along said Northerly right-of-way to the centerline of Richland County Highway "E"; thence South, 59 degrees 38 minutes East, 37.59 feet along said centerline to the point of commencement; ALSO EXCEPTING THEREFROM a parcel described as commencing at a point which is 1,506 feet North, 185 feet East, North 85 degrees East 709.50 feet, North 72 degrees 10 minutes East 99 feet and North 32 degrees 50 minutes West, 56.61 feet to the Northerly right-of-way limit of U.S. Highway 14 of the Southwest corner of said Section 17; thence South, 71 degrees 17 minutes 24 seconds West, 110.83 feet along said Northerly right-of-way; thence South, 81 degrees 48 minutes 10 seconds West, 91.79 feet along said Northerly right-of-way; thence North, 22 degrees 20 minutes 06 seconds West, 169.97 feet to the Northerly side of the whole parcel originally described above; thence North, 66 degrees 55 minutes East, 161.94 feet along said Northerly side to the Northeast Corner of the whole parcel originally described above; thence South, 32 degrees 50 minutes East, 207.39 feet to the point of commencement; ALSO EXCEPTING THEREFROM that portion of the above described premises conveyed to Richland County by Warranty Deed dated January 18, 1961 and recorded on March 16, 1961 at 9:10 A.M. in Volume 108 of Deeds on page 46 as Document No. 127576.

TAX KEY NO. 52008 1732.4000

VOL 253 Page 447 - Recorded Jan 30 1995



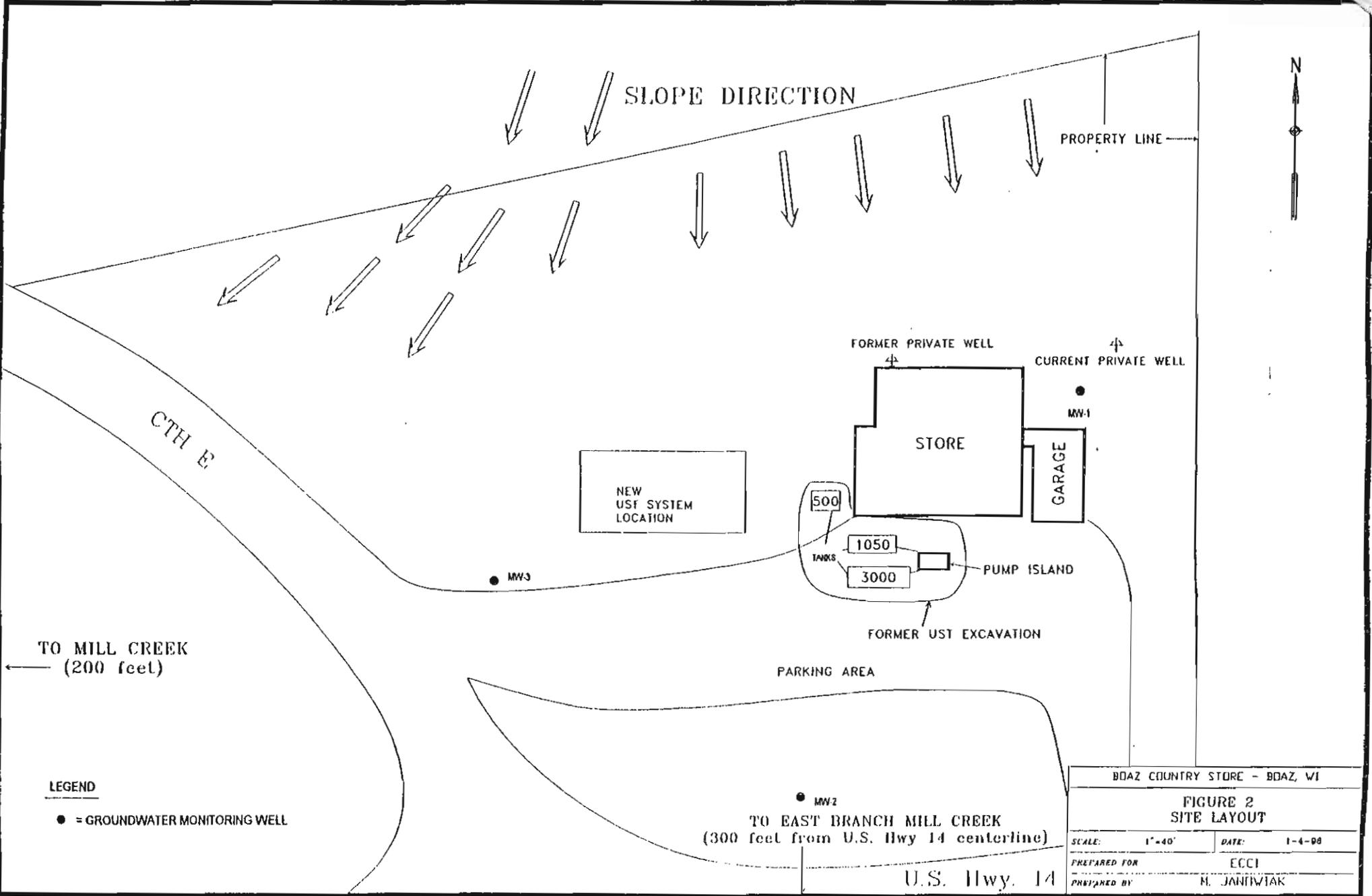
**Legend**

○ = Location

NOTE: Taken from the  
 Boaz Wis  
 7.5 Minute USGS  
 Topographic Map (1983)



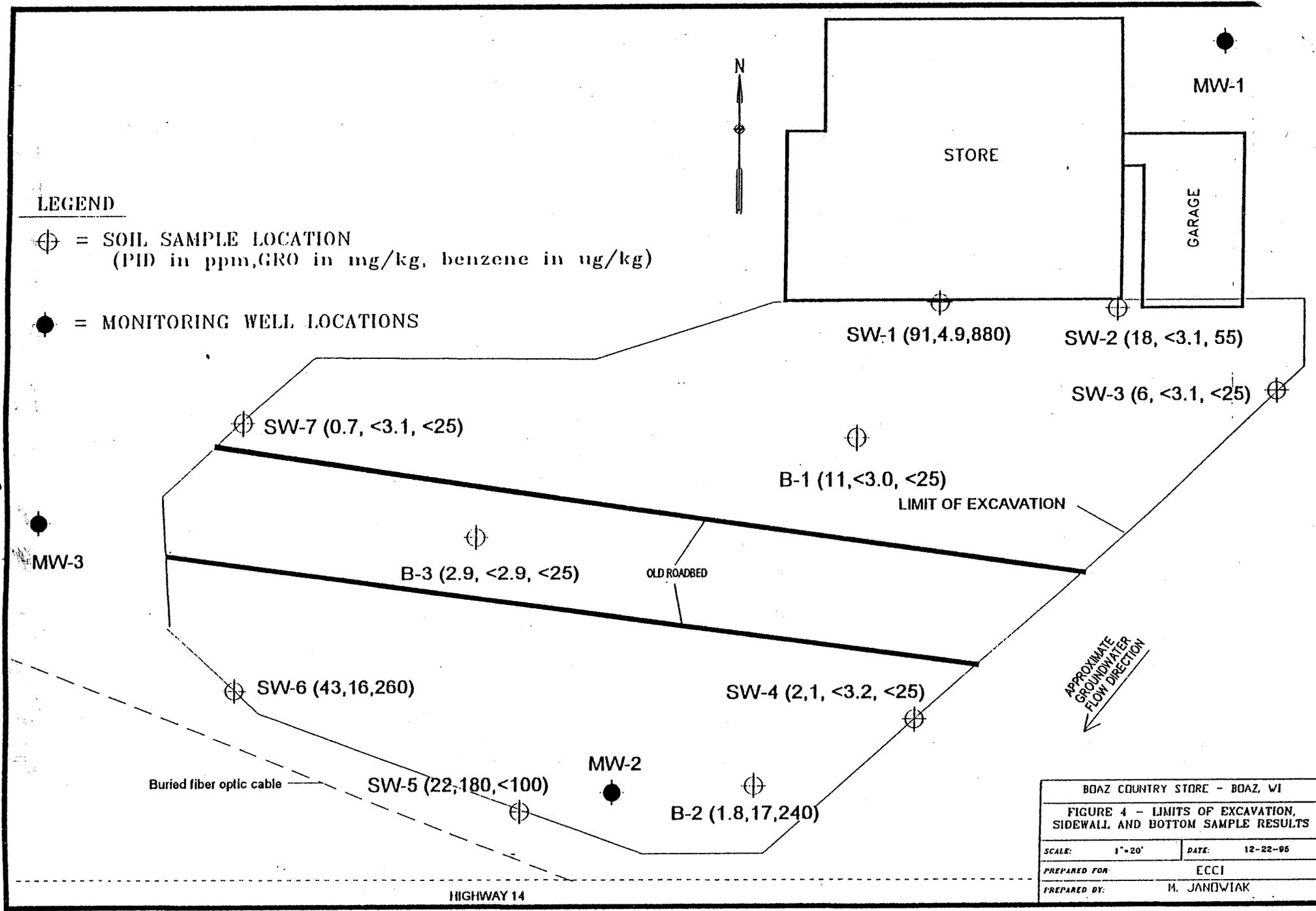
BOAZ COUNTRY STORE - BOAZ, WISCONSIN			
FIGURE 1 SITE LOCATION MAP			
SCALE:	1" = 3000'	DATE:	2-24-95
300'	PROJECT NO:	955006	BY: M. Janowiak



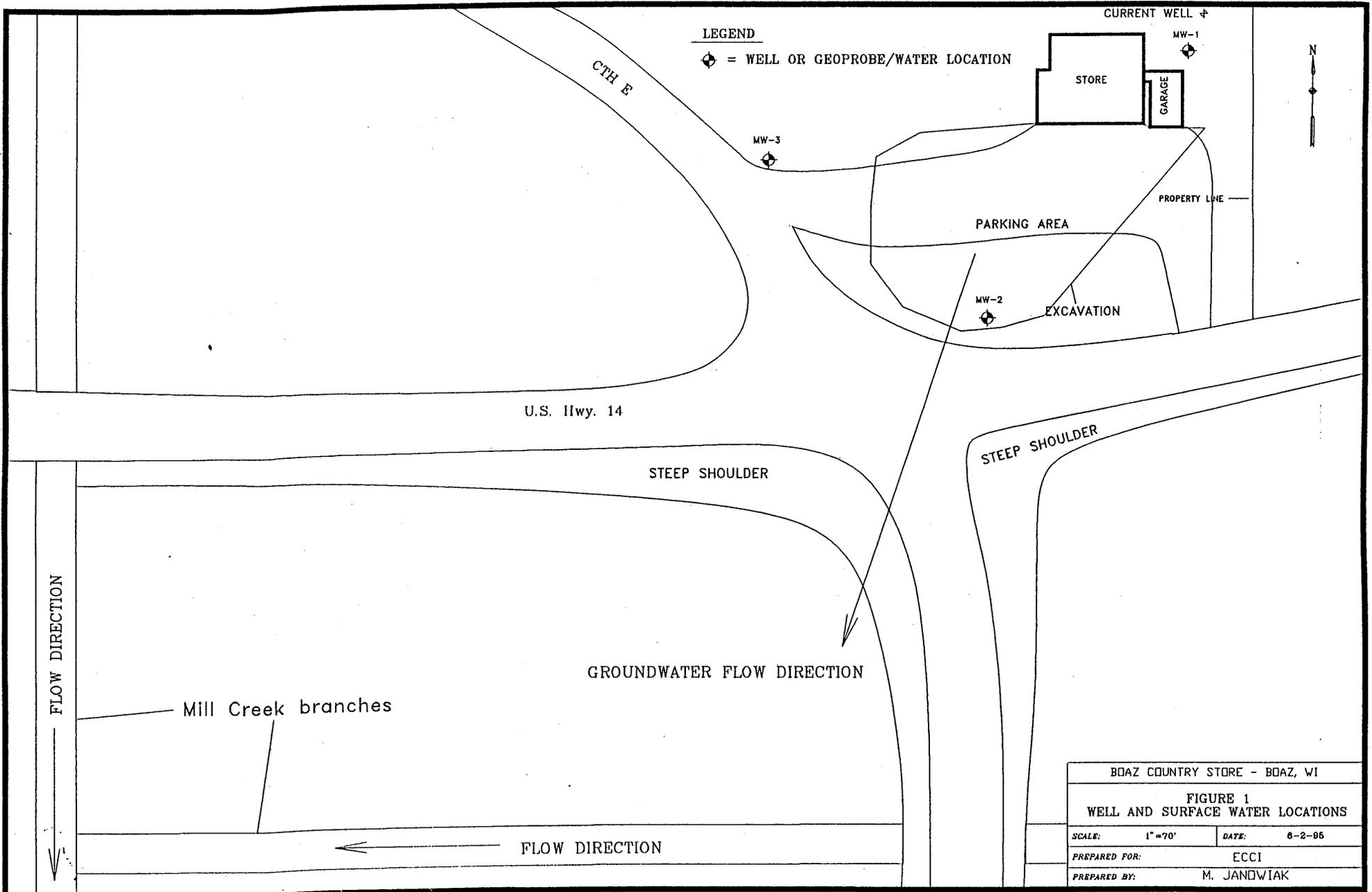
**LEGEND**

● = GROUNDWATER MONITORING WELL

BDAZ COUNTRY STORE - BDAZ, WI	
<b>FIGURE 2 SITE LAYOUT</b>	
SCALE: 1" = 40'	DATE: 1-4-98
PREPARED FOR: ECCI	
PREPARED BY: H. JANOWIAK	



BOAZ COUNTRY STORE - BOAZ, WI	
FIGURE 4 - LIMITS OF EXCAVATION, SIDEWALL, AND BOTTOM SAMPLE RESULTS	
SCALE: 1"=20'	DATE: 12-22-95
PREPARED FOR: ECCI	
PREPARED BY: M. JANDWIAK	



**LEGEND**

◆ = WELL OR GEOPROBE/WATER LOCATION

CURRENT WELL ◆

MW-1 ◆

MW-3 ◆

MW-2 ◆

STORE

GARAGE

CTH E

U.S. Hwy. 14

STEEP SHOULDER

STEEP SHOULDER

PARKING AREA

EXCAVATION

PROPERTY LINE

GROUNDWATER FLOW DIRECTION

Mill Creek branches

FLOW DIRECTION

FLOW DIRECTION

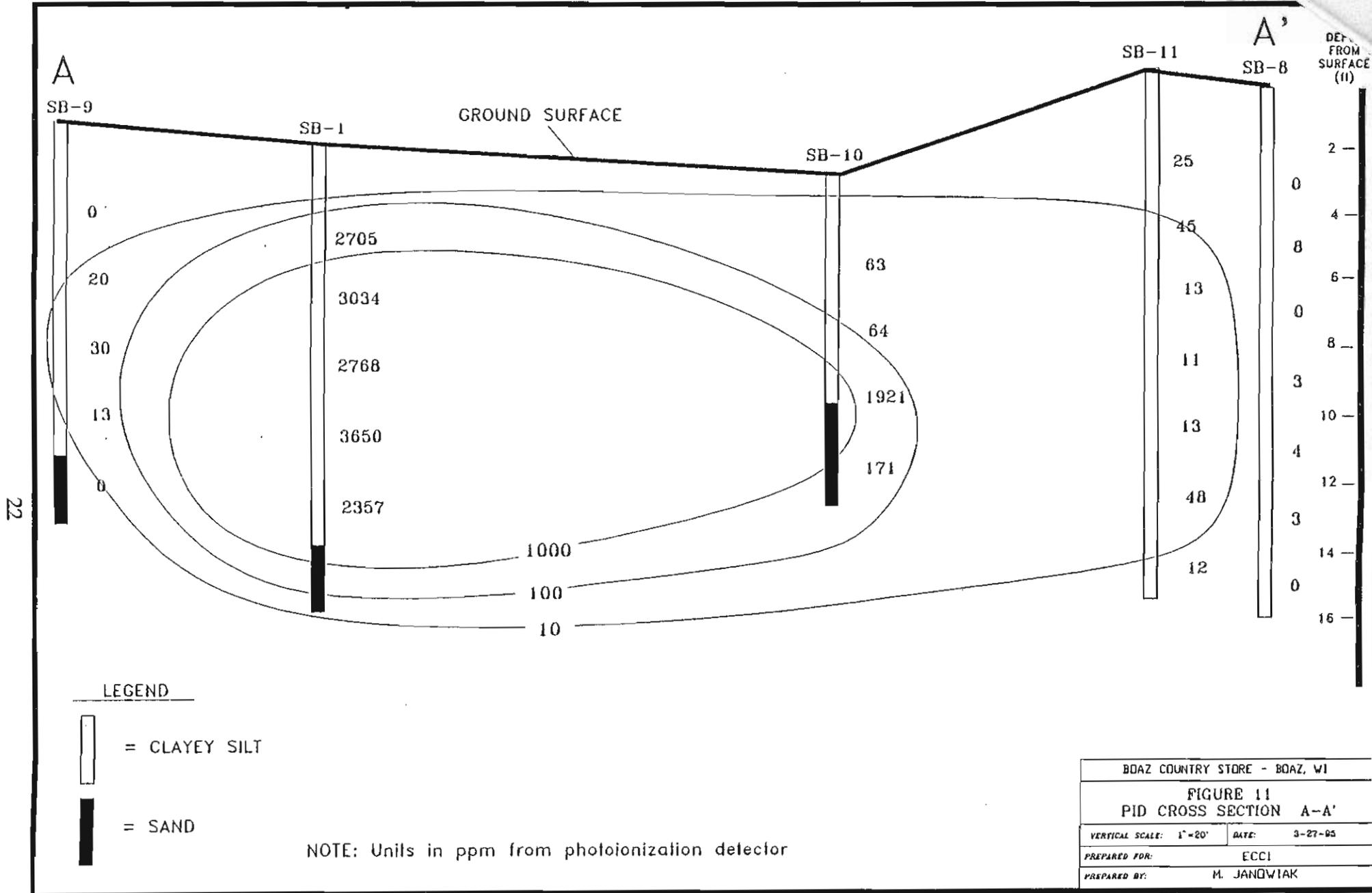
BOAZ COUNTRY STORE - BOAZ, WI

**FIGURE 1  
WELL AND SURFACE WATER LOCATIONS**

SCALE: 1" = 70'      DATE: 6-2-85

PREPARED FOR: ECCI

PREPARED BY: M. JANOWIAK



15



NEW PRIVATE WELL 

"OLD" PRIVATE WELL 

96.5'

MW-1  
96.48 

STORE

GARAGE

96'

○  
R.O.W. as benchmark using 100'

GROUNDWATER FLOW DIRECTION

95.5'

MW-3  
95.22 

LEGEND

 = MONITORING WELL LOCATION

95'



NOTE: Water levels from 3-24-95

94.54

MW-2 

BDAZ COUNTRY STORE - BDAZ, VI	
FIGURE 7	
GROUNDWATER GRADIENT - WELLS	
SCALE: 1"=20'	DATE: 3-27-95
PREPARED FOR: ECCI	
PREPARED BY: M. JANDWIAK	

**Table 2**  
**Soil Analytical<sup>1</sup> Data Summary of Contaminated Soil from Excavation Prior to Thermal Treatment**

Parameter (µg/kg unless noted)	Cleanup Guideline	S-21	S-41	S-64	S-85	S-103	S-124	S-146	S-170	S-191
PID <sup>2</sup> (ppm)	--	778	333	210	280	612	296	324	171	213
GRO <sup>3</sup> (mg/kg)	100	620	160	1200	71	2100	1600	190	1500	710
DRO <sup>4</sup> (mg/kg)	100	17	16	500	8.8	420	150	100	510	130
Benzene	5.5	3100	910	10000	700	18000	360	2300	360	1800
Ethylbenzene	2900	8900	1400	14000	370	40000	13000	11000	19000	18000
MTBE	--	<300	<160	<600	<25	<630	<330	<250	<250	<100
Toluene	1500	23000	550	40000	710	120000	11000	28000	22000	29000
1,2,4-Trimethylbenzene	--	26000	7300	40000	1700	86000	50000	29000	46000	47000
1,3,5-Trimethylbenzene	--	8700	3000	15000	600	30000	20000	9200	16000	17000
Xylenes	4100	40000	7900	76000	4500	193000	65000	57000	93000	74000

Sample locations are available in Appendix D

Cleanup Guidelines are NR 720 Soil Standards.

Analysis by En Chem, Inc., of Green Bay. Copies of analytical reports are included as Appendix E.

Table 1  
Boaz Groundwater Analytical Results - Post Excavation

Parameters ( $\mu\text{g/l}$ unless noted)	PAL/ES <sup>2</sup> ( $\mu\text{g/l}$ )	Monitoring Wells and Sampling Dates															
		MW-1 6/3/95	MW-1 9/12/95	MW-1 5/2/97	MW-1 7/21/97	MW-2 6/3/95	MW-2 9/12/95	MW-2 2/20/96	MW-2 6/7/96	MW-2 9/17/96	MW-2 1/2/97	MW-2 5/2/97	MW-2 7/21/97	MW-3 6/3/95	MW-3 9/12/95	MW-3 5/2/97	MW-3 7/21/97
GRO	none	<50	<50	NS	NS	9100	4400	1700	300	690	NS	NS	NS	<50	<50	NS	NS
DRO	none	<100	<100	NS	NS	3700	2000	NS	510	NS	NS	NS	NS	150	<100	NS	NS
lead	0.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
benzene	0.067/5.0	<0.6	<0.6	<0.20	<0.41	<b>120</b>	<b>51</b>	<b>13</b>	1.0	5.7	4.3	2.0	3.1	<0.6	<0.6	<0.40	<0.41
n-butylbenzene	none	NS	NS	NS	NS	NS	28	NS	1.7	NS	NS	5.3	NS	NS	NS	NS	NS
1,2 dichloroethane	0.05/5.0	NS	NS	NS	NS	NS	<10	NS	<1.0	NS	NS	<0.20	NS	NS	NS	NS	NS
ethylbenzene	272/1360	<1.0	<1.0	<0.30	<0.23	<b>350</b>	180	86	3.3	39	15	25	16	<1.0	<1.0	<0.20	<0.23
p- isopropyltoluene	none	NS	NS	NS	NS	NS	18	NS	<1.0	NS	NS	0.8	NS	NS	NS	NS	NS
MTBE	12/60	<1.0	<1.0	<0.20	<0.53	11	<10	5.4	<1.0	<1.0	4.9	<0.50	<0.53	<1.0	<1.0	<0.50	<0.53
naphthalene	8/40	<0.5	<0.5	NS	NS	-	<b>110</b>	NS	2.1	NS	NS	1.8	NS	<0.5	<0.5	NS	NS
n-propylbenzene	none	NS	NS	NS	NS	NS	42	NS	2.2	NS	NS	21	NS	NS	NS	NS	NS
toluene	68.6/343	<1.0	<1.0	<0.40	<0.28	<b>990</b>	26	29	1.0	6.3	1.0	1.0	1.8	<1.0	<1.0	<0.30	<0.28
1,2,4 trimethylbenzene	none	<1.0	<1.0	<0.30	<0.30	730	440	61	4.9	26	24	77	22	<1.0	<1.0	<0.30	<0.30
1,3,5 trimethylbenzene	none	<1.0	<1.0	<0.30	>0.25	230	180	13	1.8	3.7	<0.3	8.0	<0.25	<1.0	<1.0	<0.30	<0.25
Total xylenes	124/620	<1.0	<1.0	<0.9	<0.79	<b>1990</b>	<b>320</b>	29.1	<1.0	12.9	4.7	20.7	8.9	<1.0	<1.0	<0.50	<0.78
Dissolved Oxygen (mg/kg)	none	NS	NS	NS	5.81	NS	NS	NS	NS	NS	NS	NS	0.08	NS	NS	NS	0.15
Sulfate (mg/kg)	none	NS	NS	NS	24	NS	NS	NS	NS	NS	NS	NS	28	NS	NS	NS	38
Nitrate/Nitrite	2/10	NS	NS	NS	3.8	NS	NS	NS	NS	NS	NS	NS	<0.016	NS	NS	NS	0.21
Iron	none	NS	NS	NS	<22	NS	NS	NS	NS	NS	NS	NS	11000	NS	NS	NS	<22

NS=Not Sampled; Analysis by En Chem, Inc., of Green Bay, Wisconsin; Copies of analytical reports are included in Appendix A. Results in bold exceed NR 140 Groundwater Enforcement Standards.  
MAJBOAZBOAZMWLL.WPD

**Table 3**  
**Selected Analytical Results - Sidewall and Bottom of Excavation Samples**

Parameter (ug/kg unless noted)	Cleanup Guideline	SW-1 10 ft.	SW-2 10 ft.	SW-3 11 ft.	SW-4 9 ft.	SW-5 10 ft.	SW-6 11 ft.	SW-7 9 ft.	B-1 12 ft.	B-2 12 ft.	B-3 12 ft.
PID (ppm)	--	97	18	6	2.1	15	43	0.7	11	1.8	2.9
GRO (mg/kg)	100	4.9	<3.1	<3.1	<3.2	180	16	<3.1	<3.0	17	<2.9
DRO (mg/kg)	100	<5.2	<4.4	<4.3	<4.2	55	<5.4	<4.3	<4.0	<3.9	<3.3
Benzene	5.5	880	55	<25	<25	<100	260	<25	<25	240	<25
Ethylbenzene	2900	190	<25	<25	<25	3400	240	<25	<25	94	<25
MTBE	--	56	<25	<25	<25	<100	<25	<25	<25	<25	<25
Toluene	1500	990	<25	<25	<25	1800	70	<25	<25	61	53
1,2,4-Trimethyl benzene	--	110	<25	<25	<25	18000	660	<25	<25	99	<25
1,3,5-Trimethyl benzene	--	50	<25	<25	<25	6700	250	<25	<25	43	<25
m,p Xylenes	4100	430	<25	<25	<25	7600	3000	<25	<25	350	41
o Xylene	4100	210	<25	<25	<25	2500	810	<25	<25	220	<25

Analysis by En Chem, Inc., of Green Bay. Copies of analytical reports are included as Appendix E.

Soil sample locations are provided on Figure 4.

SW = sidewall sample

B = bottom sample