

**GIS REGISTRY INFORMATION**

**SITE NAME:** DEEP ROCK SERVICE (FORMER)  
**BRRTS #:** 3-13-521796 **FID # (if appropriate):**  
**COMMERCE # (if appropriate):**  
**CLOSURE DATE:** 11/28/2005  
**STREET ADDRESS:** 1114 MAIN STREET  
**CITY:** CROSS PLAINS

**SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):** X= 547708 Y= 293558

**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:** 1112 MAIN STREET, CROSS PLAINS

**GPS COORDINATES (meters in WTM91 projection):** X= 547686 Y= 293565  
**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)  NA
- Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure  NA
- Copy of any maintenance plan referenced in the deed restriction.  NA

23-13-521796  
Deep Rock Service (Former)

**RESPONSIBLE PARTY AFFIRMATION OF PROPERTY DESCRIPTIONS  
FORMER DEEP ROCK STATION UST SITE  
1114 MAIN STREET, CROSS PLAINS, WI**

The following affirmation by the responsible party is required by Wisconsin Administrative Code, ch. NR 726.05 paragraph (3)(a)4.g.

I hereby affirm the following:

1. I believe that legal descriptions for all of the properties within or partially within the contaminated site's boundaries that had free product or groundwater contamination exceeding ch. NR 140 enforcement standards at the time that case closure was requested, other than public street or highway rights-of-way or railroad rights-of-way, have been submitted to the agency with administrative authority for the site, either as an attachment to the site investigation report or as part of the groundwater GIS registry attachment to the case close out report.

David S. Roessler  
David Roessler

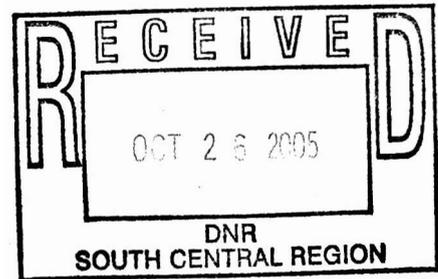
4/17/04  
Date



**PROFESSIONAL SERVICES**

TRANSPORTATION • MUNICIPAL  
DEVELOPMENT • ENVIRONMENTAL

October 24, 2005



Mr. Ken Malec  
Malec Motors  
1112 Main Street  
Cross Plains, WI 53528

Re: Notification of Contamination

Dear Mr. Malec:

Soil and groundwater contamination that appears to have originated on the former Deep Rock Station property located at 1112 and 1114 Main Street, Cross Plains, WI, was detected during the site investigation on your property at 1112 Main Street, Cross Plains, WI. The levels of benzene contamination in the groundwater on your property were above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. However, the contamination has decreased to below the enforcement standards. The levels of ethylbenzene and trimethylbenzene detected in the soil were above the NR 726 Soil Screen Levels, which suggest that residual product may be present in the soil. It is believed that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726 Wisconsin Administrative Code, and I have requested that the Department of Natural Resources accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

If the source of the groundwater contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of section 292.13, Wisconsin Statutes, you may call (800) 367-6076 for calls originating in Wisconsin, or (608) 264-6020 if you are calling from out of state or within the Madison area, to obtain a copy of the Department of Natural Resources' publication #RR-589, Fact Sheet 10: 'Guidance for Dealing with Properties Affected by Off-Site Contamination'.

The Department of Natural Resources will not review the closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the Department to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the Department of Natural Resources that is relevant to this closure request, you should mail that information to: Wisconsin Department of Natural Resources, 3911 Fish Hatchery Road, Madison, WI 53711.

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**Offices in Illinois, Iowa, Minnesota, and Wisconsin**

1230 SOUTH BOULEVARD • BARABOO, WI 53913-2791

608-356-2771 • 1-800-362-4505

FAX: 608-356-2770 • [www.msa-ps.com](http://www.msa-ps.com)

■G:\projects\20s\21\2128\212827\Notification of contamination 1112.doc

Page 2

Mr. Ken Malec  
October 24, 2005

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds chapter NR 140 groundwater enforcement standards will be listed on the Department of Natural Resources' geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where soil and groundwater contamination above the state standards were found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect.

Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to call the Diggers Hotline at (800) 242-8511, if your property is located outside of the service area of a municipally owned water system, or contact the Drinking Water program within the Department of Natural Resources if your property is located within the designated service area of a municipally owned water system, to determine if there is a need for special well construction standards.

Once the Department makes a decision on my closure request, it will be documented in a letter. If the Department grants closure, you may obtain a copy of this letter by requesting a copy from me, by writing to the agency address given above or by accessing the DNR GIS Registry of Closed Remediation Sites on the Internet at [www.dnr.state.wi.us/org/lat/let/geo/](http://www.dnr.state.wi.us/org/lat/let/geo/). A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information, you may contact me at MSA Professional Services, Inc., 1230 South Blvd., Baraboo, WI 53913, (608) 355-8871, or you may contact Randy Mass at Wisconsin Department of Natural Resources, 3911 Fish Hatchery Road, Madison, WI 53711 (608) 275-3224.

Sincerely,

MSA Professional Services, Inc.



Kenneth S. Gradall, P.G., P.H.  
Hydrogeologist

KG:tjr

cc: Richard Lyster, MSA  
Randy Maas, WDNR  
Jean Hosking, State Bank of Cross Plains



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Scott Hassett, 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  
TTY Access via relay - 711

November 28, 2005

Mr. Jon Griffin  
State Bank of Cross Plains  
1205 Main Street  
Cross Plains, WI 53528

**SUBJECT:** Final Case Closure By Closure Committee  
Deep Rock Service (Former), 1114 Main Street, Cross Plains, WI 53528  
WDNR BRRTS Activity #: 03-13-521796

Dear Mr. Griffin:

On January 22, 2004, 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 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. Furthermore, the NR 140.28 PAL exemption described below is now in effect.

Recent groundwater monitoring data at this site indicates exceedances of the NR 140 preventive action limit (PAL) for trimethylbenzene, lead, and naphthalene at MW-2, but compliance with the NR 140 enforcement standard. The Department may grant an exemption to a PAL for a substance of public health concern, other than nitrate, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, if all of the following criteria are met:

1. The measured or anticipated increase in the concentration of the substance will be minimized to the extent technically and economically feasible.
2. Compliance with the PAL is either not technically or economically feasible.
3. The enforcement standard for the substance will not be attained or exceeded at the point of standards application.
4. Any existing or projected increase in the concentration of the substance above the background concentration does not present a threat to public health or welfare.

Based on the information you provided, the Department believes that the above criteria have been met because of remedial action taken at the Deep Rock Service (Former) site, 1114 Main Street, Cross Plains, WI 53528. Therefore, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, an exemption to the PAL is granted for trimethylbenzene, lead, and naphthalene at MW-2, but in compliance with the NR 140 enforcement standard. This letter serves as your exemption.

**RESIDUAL CONTAMINATED SOIL**

Residual soil contamination remains at and in the vicinity of B-2, GP-2 and MW-3 as indicated in the information submitted to the Department of Natural Resources. If residual contamination is encountered in the future, 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 at the time of excavation. Based upon the results of any future sample analysis, the current owner may need to address the residual soil contamination by properly storing, treating, or disposing of any excavated materials in accordance with state and federal laws.

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 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 and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). 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.

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 608-275-3215.

Sincerely,



Nathan Collier  
Hydrogeologist  
SCR Remediation & Redevelopment Program

cc: David Roessler, Detail Properties, LLC, 1114 Main Street, Cross Plains, WI 53528  
Ken Gradall, MSA, 1230 South Boulevard, Baraboo, WI 53913

## ATTACHMENT B

1. Copies of Most Recent Deed
2. Copy of Recorded Plat Map
3. Parcel Identification Number
  - 1112 Main Street, Cross Plains, WI – PIN # - 113/0707-032-4500-1  
Geographic Position WTM coordinates – 547686, 293565
  - 1114 main Street, Cross Plains, WI – PIN # - 113/0707-032-4512-7  
Geographic Position WTM coordinates – 547708, 293558
4. Site Location Map – Figure 1
5. A map of contaminated properties – Figure 2
6. A table of the most recent analytical results –
  - Table 1 – Soil Sample Analytical Results
  - Table 3 – Groundwater Sample Analytical Results
7. An Isoconcentration Map
  - Figure 5 – Extent of Saturated Soil Exceeding GRCLs
  - Figure 6 - Trimethylbenzene Isoconcentration Map, January 21, 2003
8. A table of water elevation measurements – Table 2
9. A Groundwater Flow Direction Map – Figure 4
10. A map showing locations of all soil samples – Figure 2
11. A Geologic Cross Section - Figure 3
12. A statement signed by the Responsible Party
13. A copy of the letters sent to all owners of properties with groundwater exceeding ES
14. A copy of all written notifications



Document Number

This Deed, made between State Bank of Cross Plains, a Wisconsin banking corporation,

Grantor, and Detail Properties, LLC, a Wisconsin limited liability company,

Grantee. Grantor, for a valuable consideration, conveys to Grantee the following described real estate in Dane County, State of Wisconsin (The "Property"):

Recording Area  
 Name and Return Address  
 Schmitt Law Office, S.C.  
 113 S. Main Street  
 Verona, WI 53593

113-0707-032-4512-7

Parcel Identification Number (PIN)  
 This is not homestead property.  
 (X) (is not)

Lot Two (2) of Certified Survey Map No. 6021 recorded in the Dane County Register of Deeds Office in Volume 28 of Certified Survey Maps, pages 323 and 324, as Document No. 2182445, in the Village of Cross Plains, Dane County, Wisconsin.

Together with all appurtenant rights, title and interests.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances, recorded easements for public utilities, recorded building and use restrictions and covenants and general taxes for 2001.

Dated this 15th day of May, 2001

State Bank of Cross Plains

\* By: John H. Griffin, Vice President

\* By: Cynthia E. Albertson, Vice President

**AUTHENTICATION**

Signature(s)

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

**ACKNOWLEDGMENT**

STATE OF WISCONSIN )  
 ) ss.

Dane County.)

Personally came before me this 15th day of May, 2001 the above named

John H. Griffin and Cynthia E. Albertson

\* TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Thomas J. Schmitt

Verona, Wisconsin

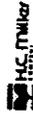
(Signatures may be authenticated or acknowledged. Both are not necessary.)

to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

\* John H. Griffin  
 Notary Public, State of Wisconsin  
 My Commission is permanent (if not, state expiration date: 2-28-04)

\*Names of persons signing in any capacity should be typed or printed below their signatures  
 STATE BAR OF WISCONSIN  
 FORM No. 1 - 1998

110



Stock No. 26273

VOL 13792 PAGE 55

# DANE COUNTY CERTIFIED SURVEY MAP NO. \_\_\_\_\_

## SURVEYOR'S CERTIFICATE:

I, John M. Halverson, Registered Land Surveyor, hereby certify that in full compliance with the provision of Chapter 236.34 Wisconsin Statutes, with all the provisions of Chapter 13 of the Code of Ordinances of the Village of Cross Plains, and by the direction of Carl Myers, owner, I have surveyed, divided and mapped a portion of the SW $\frac{1}{4}$  of the NW $\frac{1}{4}$ , Section 3, Town 7 North, Range 7 East, Village of Cross Plains, Dane County, Wisconsin, said parcel also being Lot 1, Certified Survey Map Number 4910, and also a part of Block 8, Plat of Foxville, more particularly described as follows:  
 Beginning at the Southwest corner of Dane County Certified Survey Map Number 4910, being South 00°43'44" West, 16.86 feet of the Northwest corner of Lot 1, Block 8, Plat of Foxville; thence North 00°43'44" East, 56.86 feet; thence South 78°34'20" East, 202.02 feet; thence South 00°24'43" West, 60.72 feet; thence North 77°31'15" West, 203.10 feet to the point of beginning.

Said parcel contains 11,673 square feet. Subject to any and all easements of record.

January 8, 1990  
 Date

John M. Halverson  
 Registered Land Surveyor S-1318  
 Arena, Wisconsin 53503

OWNER & SUBDIVIDER: Carl Myers  
 1114 Main Street  
 Cross Plains, WI 53528

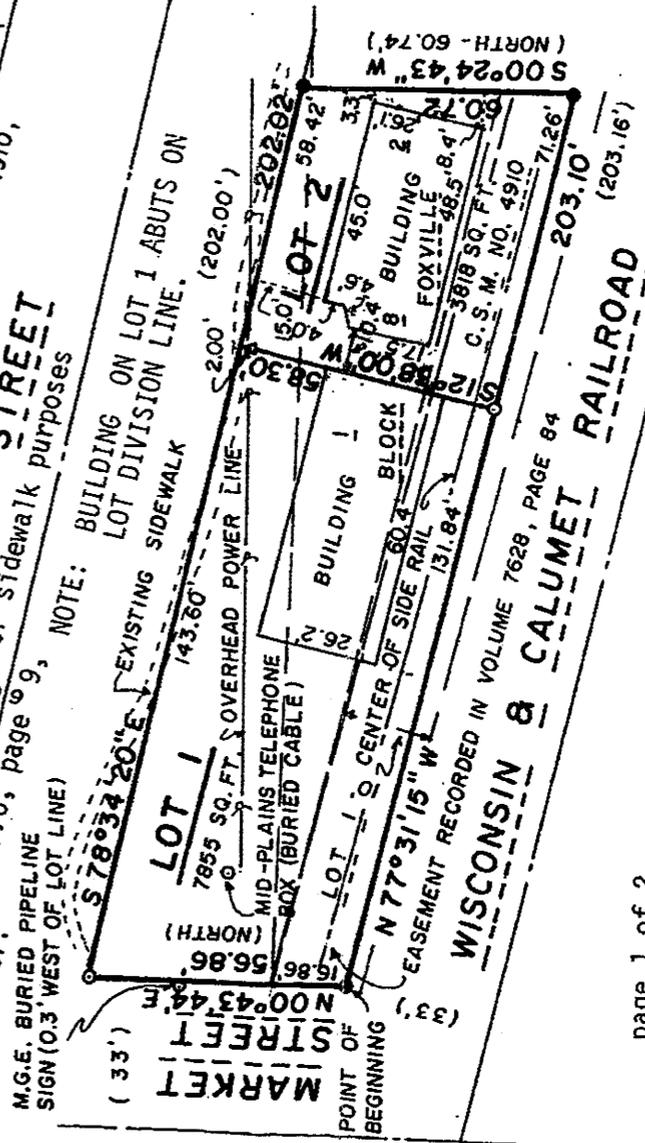


### LEGEND AND NOTES

- SET 1-1/4" x 24" IRON PIPE, MIN. WT. 1.13 LBS./LIN. FT.
- CHISELED X IN CONCRETE
- FOUND 1" IRON PIPE
- △ SET RAILROAD SPIKE
- ( ) RECORDED AS



BEARINGS REFERENCED TO THE SOUTHERLY LINE OF C.S.M. NO. 4910,  
 RECORDED AS N 77°31'15" W.  
 Parcel is subject to **MAIN STREET**  
 easement to Village of Cross Plains for sidewalk purposes  
 as recorded in Volume 10776, page 9,  
 Document #2052707. NOTE: BUILDING ON LOT 1 ABUTS ON  
 LOT DIVISION LINE.



6

VILLAGE OF CROSS PLAINS APPROVAL

VOL 13792 PAGE 56

I hereby certify that this certified survey, including any dedication shown hereon, has been duly filed with and approved by the Village of Cross Plains, Dane County, Wisconsin.

I further certify that as of this date there are no unpaid taxes or unpaid special assessments or fees due to the Village on any of the lands included in the Certified Survey.

Jane Klock  
CLERK

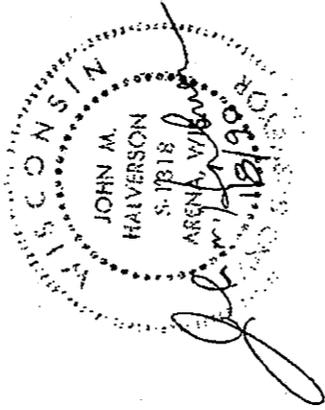
DATE 1/24/90

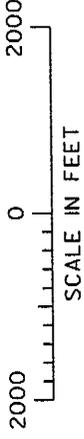
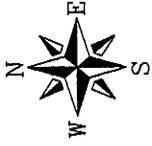
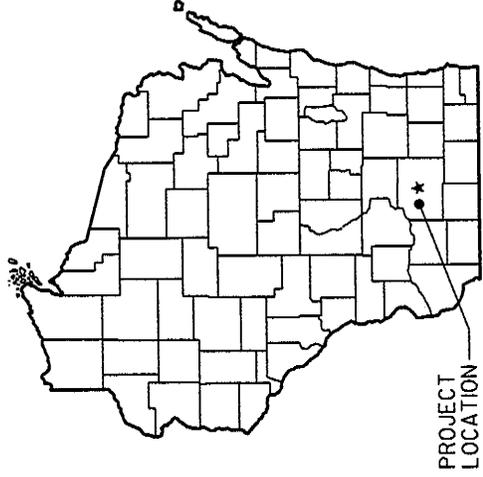
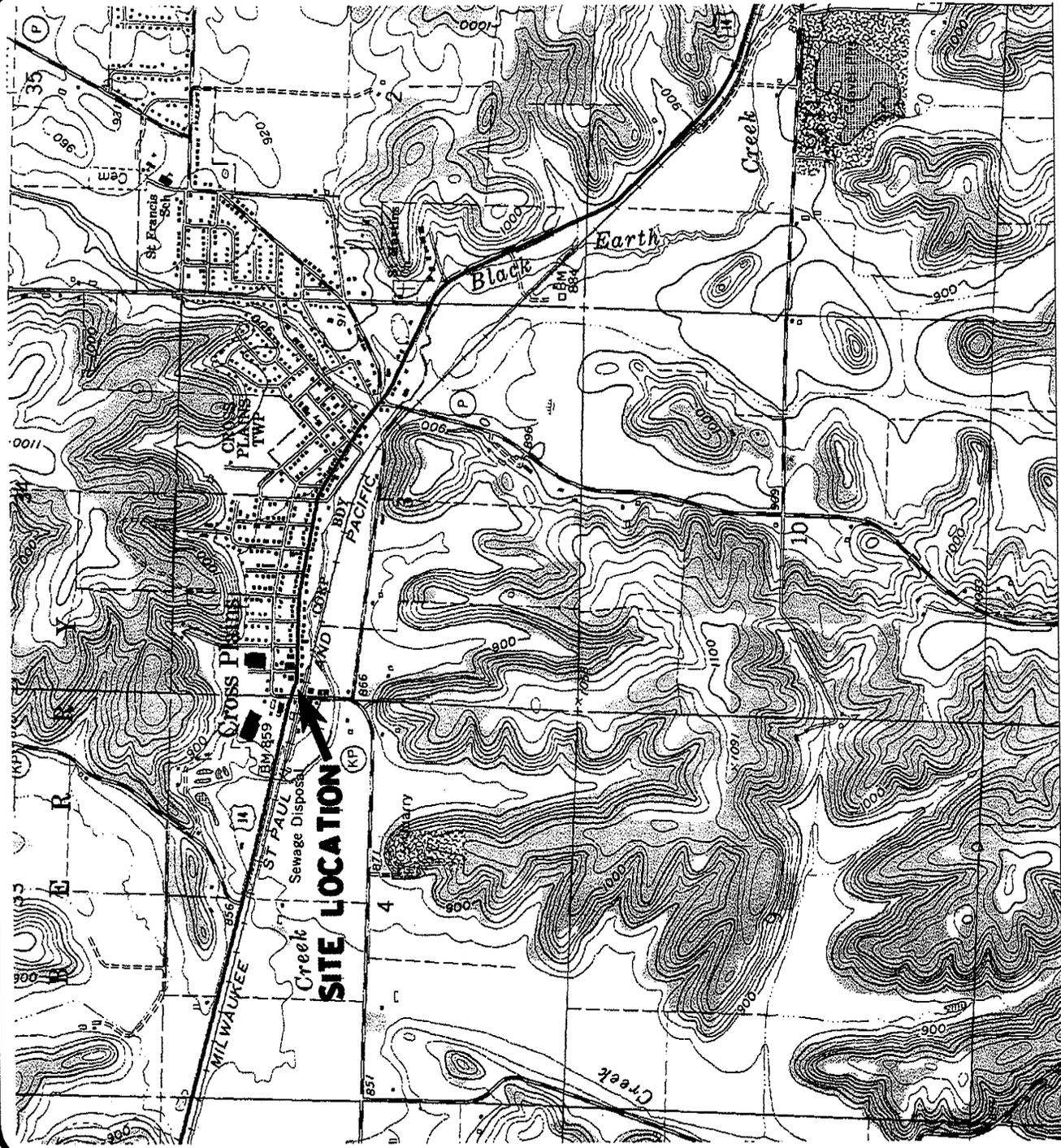
REGISTER OF DEEDS CERTIFICATE:

Received for recording this 25 day of JANUARY, 1990, at 12:53 o'clock  
P.M. and recorded in Volume 28 of Certified Surveys of Dane County on pages  
323/324.

DOCUMENT NO. 2182445  
CERTIFIED SURVEY MAP NO. 6021

JANE LIGHT  
Register of Deeds  
KARLA L. SURERA  
DEPUTY CLERK





**Cross Plains Quadrangle  
Wisconsin - Dane Co.  
7.5 Minute Series (Topographic)**

SW/4 Cross Plains 15' Quadrangle  
Contour Interval 20 Feet  
1962

Photorevised 1982

**FIGURE 1  
SITE LOCATION MAP  
FORMER DEEP ROCK STATION  
CROSS PLAINS, WISCONSIN**

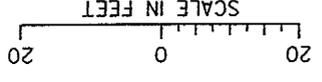
**TRANSPORTATION • MUNICIPAL • REMEDIATION  
DEVELOPMENT • ENVIRONMENTAL**  
1230 South Boulevard Baraboo, WI 53913  
608-356-2771 1-800-369-4605 Fax: 608-556-2770

**MSA**  
PROFESSIONAL SERVICES

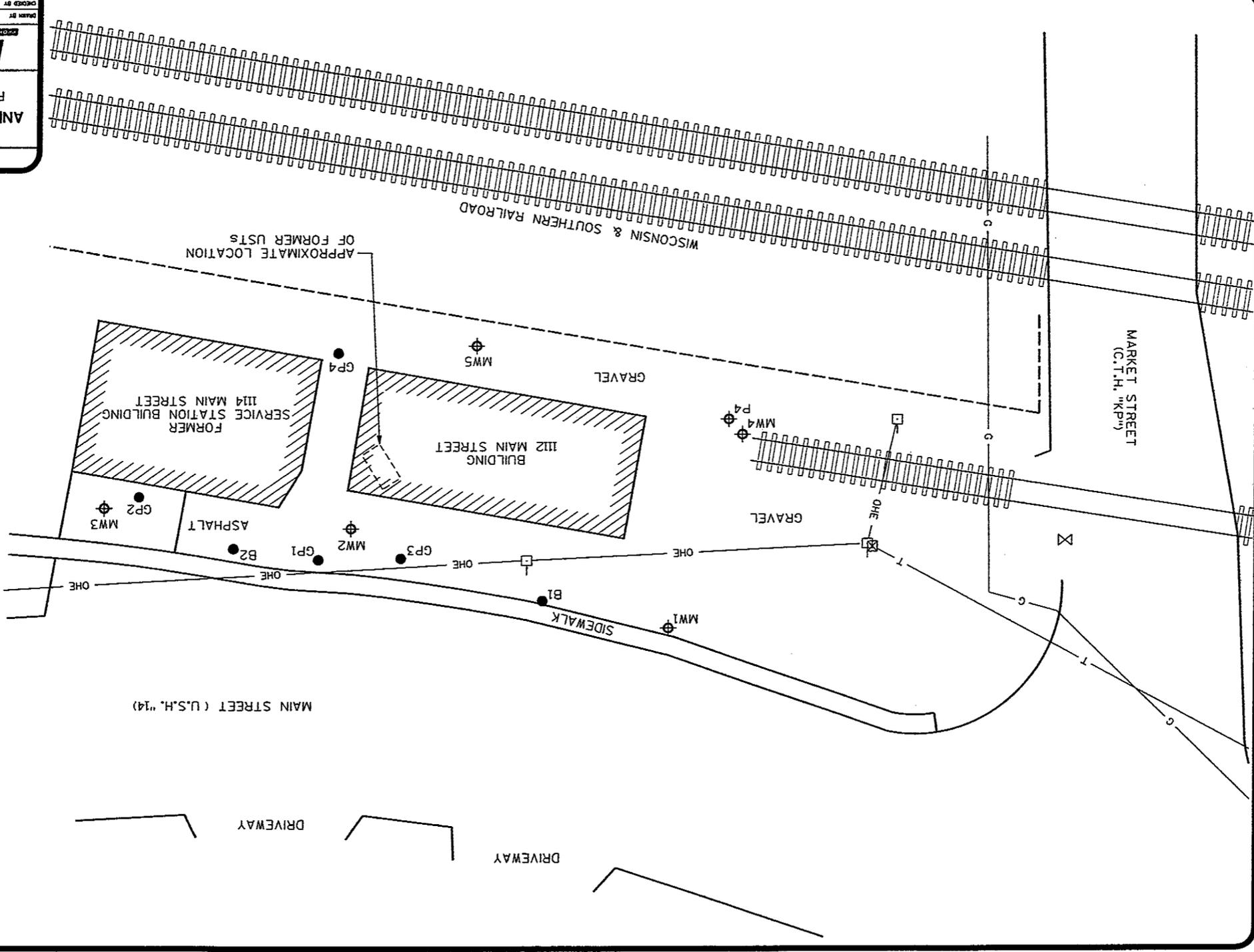
DRAWN BY RHM DATE 2-27-01  
 CHECKED BY AS NOTED  
 SHEET NO. 2128278B  
 PROJECT NO. 200-0113-100-0105 TITLE: CROSS PLAINS, WISCONSIN  
 DEVELOPMENT + ENVIRONMENTAL  
**MSA**  
 200 South Industrial Parkway, #1200  
 Cross Plains, Wisconsin 53528-1200  
 PHONE: 608-785-9279 FAX: 608-785-9278

**SITE LAYOUT MAP AND SOIL BORING LOCATIONS**  
 FORMER DEEP ROCK STATION CROSS PLAINS, WISCONSIN

FIGURE 2



- LEGEND**
- ⊕ MONITORING WELL
  - SOIL BORING
  - POWER POLE
  - ⊠ TELEPHONE PEDESTAL
  - ⊗ WATER VALVE
  - g— NATURAL GAS MAIN
  - T— UNDERGROUND TELEPHONE
  - OHE— OVERHEAD ELECTRIC

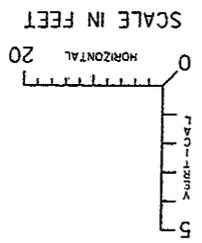


1:18-01  
1:18-02

CHECKED BY: RHM  
 DATE: 2-27-03  
 SCALE: AS NOTED  
 SHEET: 04  
 PROJECT: 212827AC

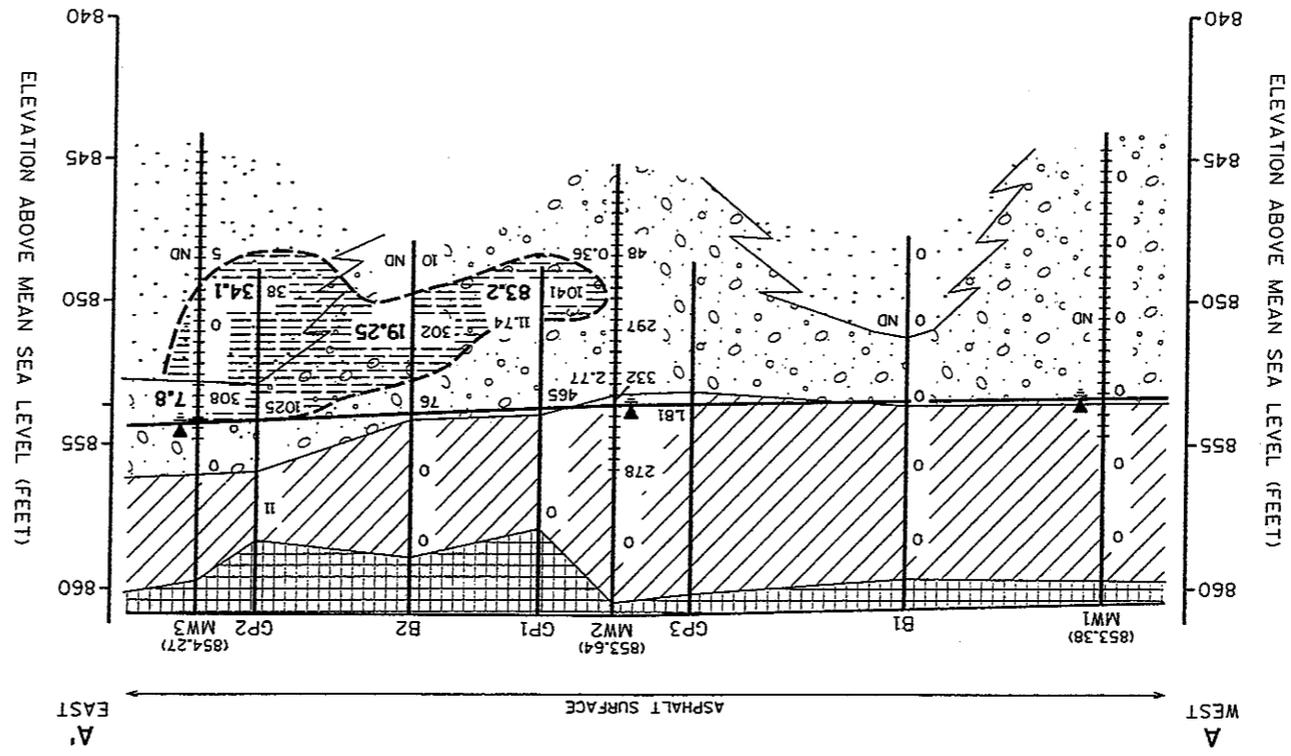
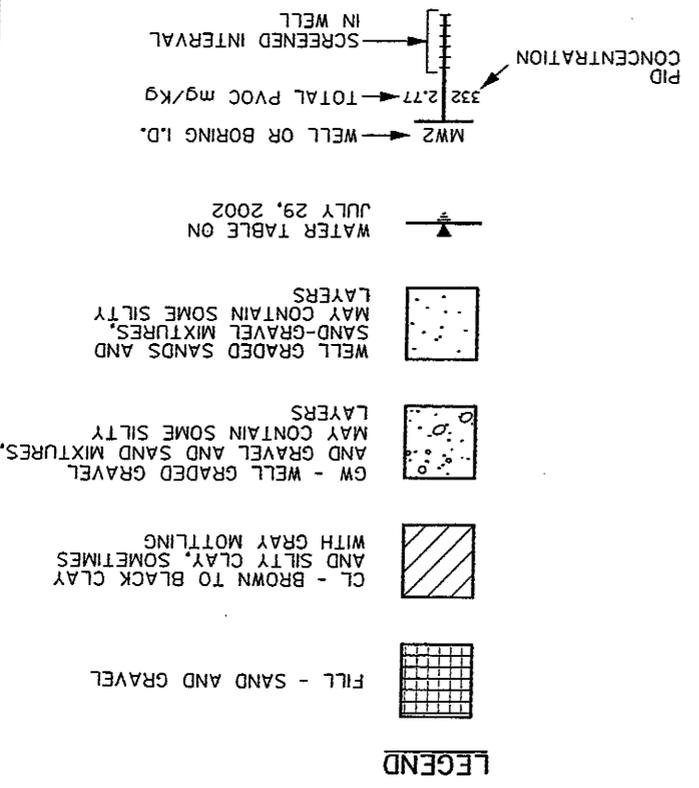
**MSA**  
 ENVIRONMENTAL - GEOTECHNICAL  
 DEVELOPMENT - REMEDIATION  
 1120 South Broadway, Suite 200, Waukesha, WI 53150  
 TEL: 262-535-2771 FAX: 262-535-2770

FORMER DEEP ROCK STATION  
 CROSS PLAINS, WISCONSIN  
**GEOLOGIC CROSS SECTION A-A'**  
 FIGURE 3

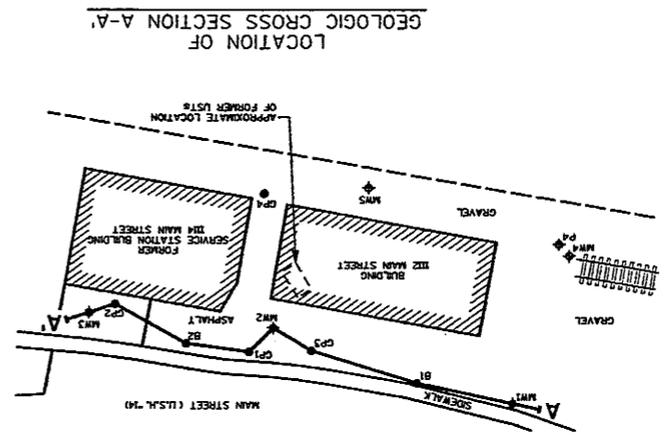


**NOTES:** 1. TOTAL PVOCs IN mg/kg.  
 2. BOLD INDICATES CONCENTRATIONS ABOVE NR 720 GENERIC RESIDUAL CONTAMINANT CONCENTRATIONS (GRCLs).  
 3. ND - NOT DETECTED.

APPROXIMATE EXTENT OF SOIL CONTAMINATION EXCEEDING THE NR 720 GRCLs



**NOTES:** 1. INFORMATION BETWEEN SOIL BORINGS DATA, ACTUAL CONDITIONS BETWEEN SOIL BORINGS ARE UNKNOWN.  
 2. FOR THE PURPOSE OF ILLUSTRATING SUBSOIL CONDITIONS ON THE CROSS SECTIONS, SOME OF THE BORING LOGS HAVE BEEN SIMPLIFIED. FOR A DETAILED DESCRIPTION OF SUBSURFACE CONDITIONS AT INDIVIDUAL BORINGS REFER TO SOIL BORING LOGS.



1:18.25  
 1:18.25

DRAWN BY: RHM  
 DATE: 2-26-03  
 SHEET NO. OF 212821AD  
 CHECKED BY: AS NOTED  
 PROJECT: MSA  
 220 South Boulevard, Oak Brook, IL 60110  
 630-592-2111 FAX: 630-592-2110  
 DEVELOPMENT • ENVIRONMENTAL  
 TRANSPORTATION • MANAGEMENT • PLANNING

**GROUNDWATER FLOW DIRECTION**  
**JANUARY 21, 2003**  
**FORMER DEEP ROCK STATION**  
**CROSS PLANS, WISCONSIN**

FIGURE 4

SCALE IN FEET



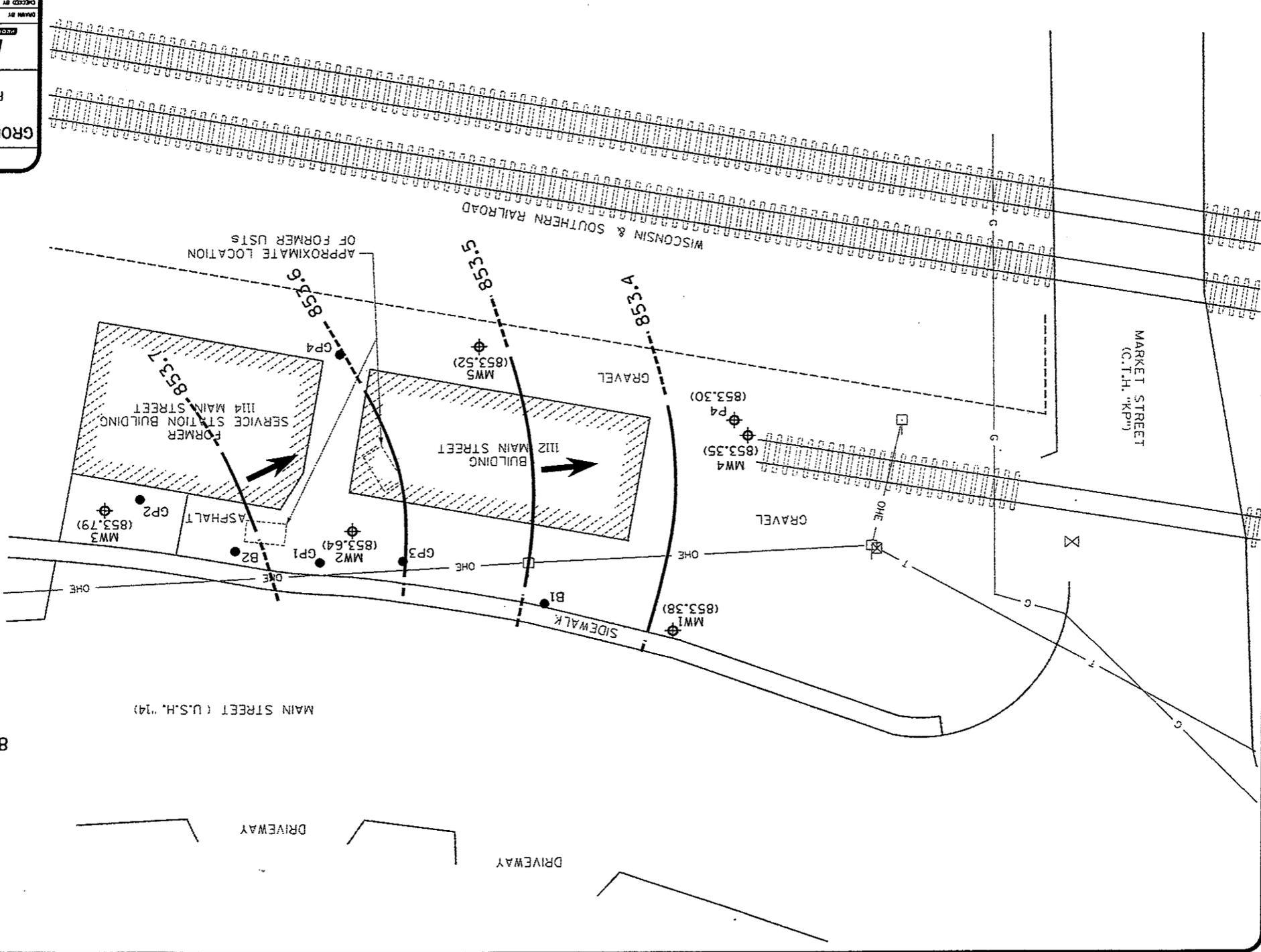
NOTES:  
 1. FOR ADDITIONAL NOTES  
 AND LEGEND, REFER TO  
 FIGURE 2.

**LEGEND**  
 MONITORING WELL  
 WITH GROUNDWATER  
 ELEVATION ON  
 JANUARY 21, 2003

● SOIL BORING

— GROUNDWATER  
 CONTOUR WITH  
 ELEVATION

← GROUNDWATER  
 FLOW DIRECTION

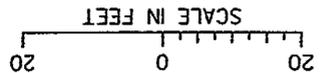


PLOT 2-26-03

FIGURE 5  
 EXTENT OF SATURATED SOIL EXCEEDING GRCLS  
 FORMER DEEP ROCK STATION  
 CROSS PLANS, WISCONSIN

**MSA**  
 TRANSPORTATION - ENVIRONMENTAL - REMEDIATION  
 230 South Boulevard, Brookfield, WI 53005  
 PHONE: 262-771-1400 FAX: 262-770-5205

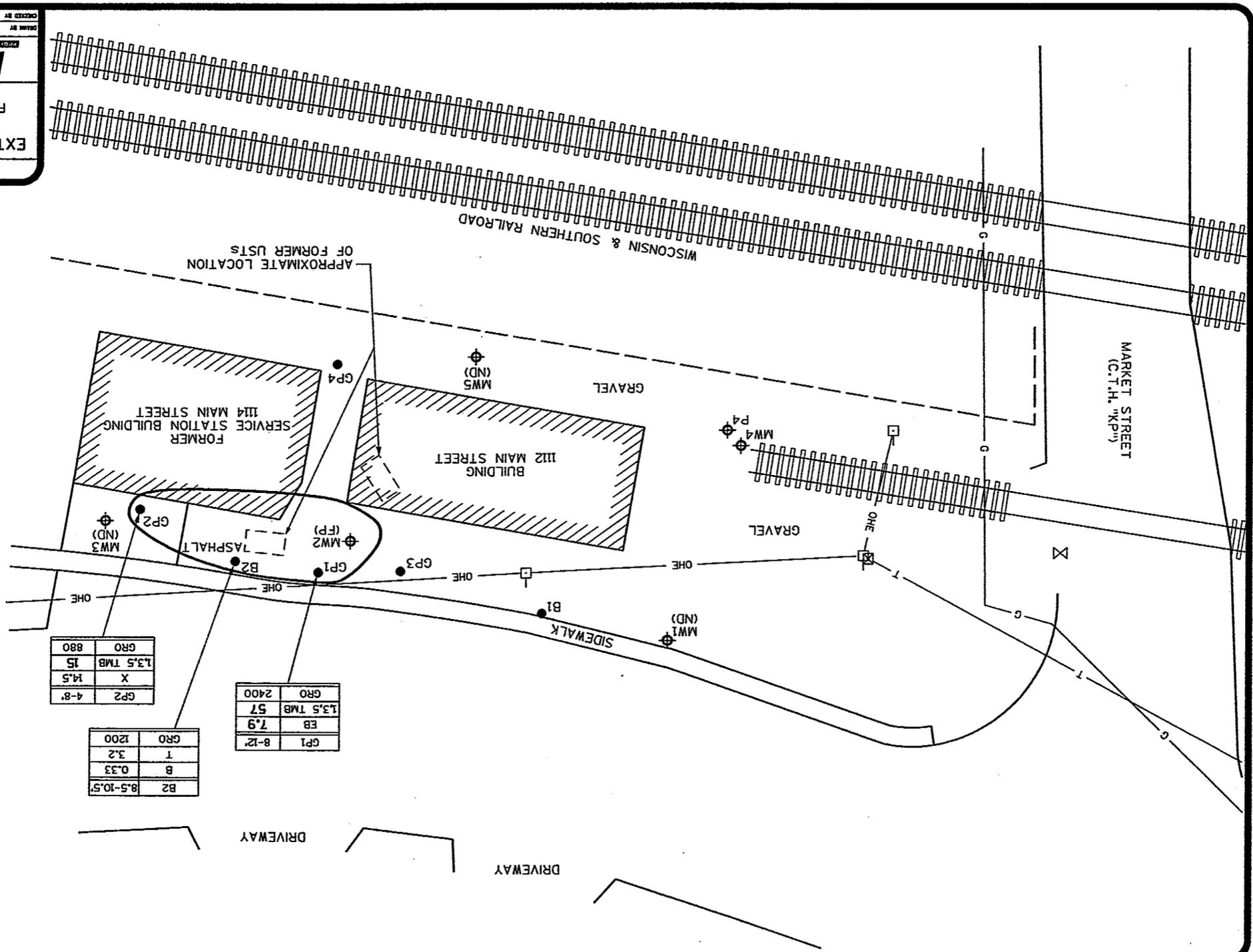
DRAWN BY RHM DATE 12-1-03  
 CHECKED BY SCALE AS NOTED  
 SHEET NO. 212827BE



- NOTES:
1. CONCENTRATIONS ARE IN  $\mu\text{g}/\text{kg}$ .
  2. FP = FREE PRODUCT  
 EB = ETHYLBENZENE  
 TMB = TRIMETHYLBENZENE  
 GRO = GASOLINE RANGE  
 ORG = TOTAL XYLENES
  3. BOLD NUMBERS INDICATE CONCENTRATIONS EXCEEDING NR 746 TABLE 1 VALUES

**LEGEND**

- MONITORING WELL (circle with crosshair)
- SOIL BORING (circle with dot)
- SATURATED SOIL EXCEEDING NR 720 GRCLS (hatched area)

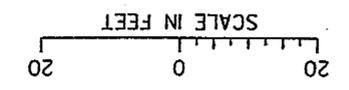


GP2	4-8'	GRO	880
		1,3,5 TMB	15
		X	14,5
		GRO	1200

GP1	8-12'	GRO	2400
		1,3,5 TMB	57
		EB	7,9

B2	8.5-10.5'	B	0,33
		T	3,2
		GRO	1200

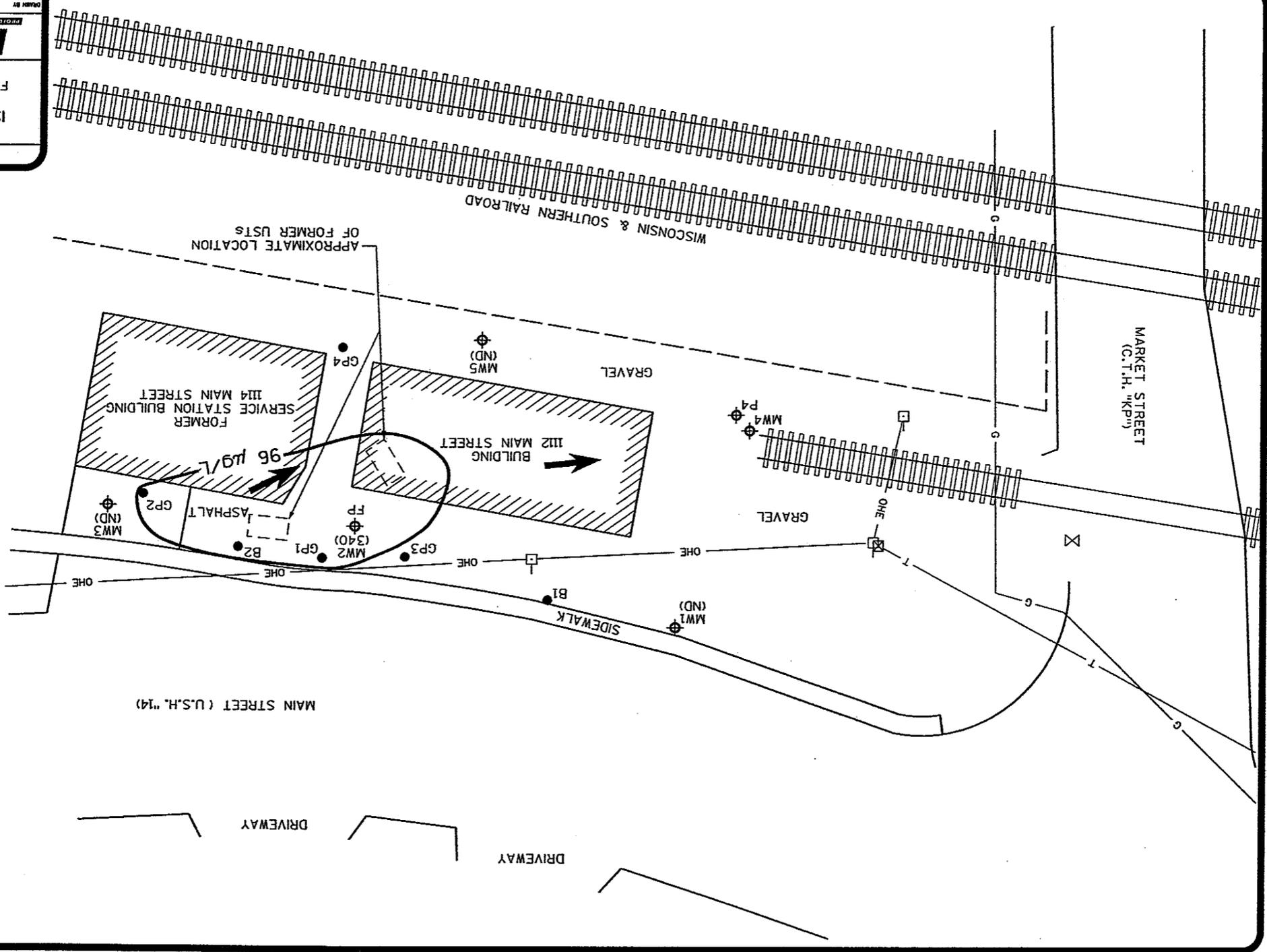
DRAWN BY: RHM DATE: 2-26-03 SCALE AS NOTED SHEET NO. 212821AF  
 PROJECT: TRIMETHYLBENZENE ISOCENTRATION MAP JANUARY 21, 2003 FORMER DEEP ROCK STATION CROSS PLAINS, WISCONSIN  
 MSA PROFESSIONAL SERVICES  
 250 South Boulevard, Brookfield, WI 53005  
 414-782-2171 FAX: 414-782-2170



- NOTES:
1. CONCENTRATIONS ARE IN  $\mu\text{g}/\text{kg}$ .
  2. FP = FREE PRODUCT IN SKIMMER.
  3. FOR ADDITIONAL NOTES AND LEGEND, REFER TO FIGURE 2.

LEGEND

- MONITORING WELL
- SOIL BORING
- TOTAL TRIMETHYLBENZENE ISOCENTRATION CONTOUR BASED ON NR 140 PAL
- GROUNDWATER FLOW DIRECTION



**TABLE 1**  
**ANALYTICAL SOIL SAMPLE RESULTS**  
**FORMER DEEP ROCK STATION**  
**CROSS PLAINS, WISCONSIN**

Sample Number Date	GP1	GP1A	GP2	GP3	GP4	MW1	MW2			MW3		P4	MW5	B1	B2			Soil Standards	
	Apr-99	Jun-99	Apr-99	Aug-99	Aug-99	Jan-01	1-3	6-8	11-13	6-8	11-13	8.5-10.5	6-8	8.5-10.5	1-3	8.5-10.5	<11-13	NR 720 GRCLs	NR 726 SSL
Depth (Feet)	8-12	11	4-8	7	10	8.5-10.5													
GRO (mg/Kg)	<b>2400</b>	<1.3	<b>880</b>	97		<1.2	<1.4	<b>180</b>	50	<b>1300</b>	6.4	<1.3	<1.2	<1.2	<1.6	<b>1200</b>	<1.3	100	
VOCs/PVOCs (mg/Kg)																			
MTBE	<1.2	<0.12	<1.2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.38	<0.025	<0.025	<0.025	<0.025	<0.38	<0.025			
Benzene	<1.2	<0.12	<1.2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.14	<0.025	<0.025	<0.025	<0.025	<0.025	<b>0.33</b>	<0.025	0.005	8.5
Toluene	<1.2	<0.12	<1.2	<0.025	<0.025	<0.025	<0.025	0.42	0.037	<b>3.9</b>	<0.025	<0.025	<0.025	<0.025	<0.025	<b>3.2</b>	<0.025	1.5	38
Ethylbenzene	<b>7.9</b>	<0.12	<b>2.2</b>	<b>0.35</b>	<0.025	<0.025	<0.025	<0.025	<0.025	<0.28	<0.025	<0.025	<0.025	<0.025	<0.025	<b>0.29</b>	<0.025	2.9	4.6
m&p-Xylene	<1.2	<0.12	<b>9.7</b>	<b>1.2</b>	<0.025	<0.025	<0.025	0.39	0.13	<0.46	0.029	<0.025	<0.025	<0.025	<0.025	<b>2.5</b>	<0.025	4.1	4.2
o-Xylene	<b>3.3</b>	<b>0.74</b>	<b>4.8</b>	<b>0.26</b>	<0.025	<0.025	<0.025	<0.025	<0.025	<0.42	0.036	<0.025	<0.025	<0.025	<0.025	<0.42	<0.025	4.1	4.2
1,3,5-TMB	<b>57</b>	<b>4.1</b>	<b>15</b>	<b>0.19</b>	<0.025	<0.025	<0.025	0.66	<0.025	1	0.045	<0.025	<0.025	<0.025	0.032	4.5	<0.025		11
1,2,4-TMB	<b>15</b>	<b>6.9</b>	<b>2.4</b>	<b>1.2</b>	<0.025	<0.025	<0.025	1.3	0.19	2.9	<0.025	<0.025	<0.025	<0.025	8.7	<0.025			83
n-Butylbenzene		1.9			<0.025			1.2	0.37	2.8					9.8				
Isopropylbenzene		<0.12			<0.025			0.12	0.11	3					3.9				
n-propylbenzene		<0.12			<0.025			0.1	<0.025	0.61					3				
Naphthalene		<0.12			<0.025			0.094	0.041	<0.36					1.4				2.7
p-Isopropyltoluene		3.2			<0.025			0.42	0.11	0.91					2.1				
sec-Butylbenzene		<0.12			<0.025			0.53	0.08	2.4					2.8				
tert-Butylbenzene		<0.12			<0.025			0.45	<0.025	1.7					1.7				
Diisopropyl ether		<0.12			<0.025			<0.025	<0.025	<0.4					0.4				
Tetrachloroethene		<0.12			<0.025			<0.025	<0.025	<0.18					16				
Lead						4.4	29.3	9	2.6	2.3	1.6	4.2	1.9	2.1	11.2	2.2	2.4		

## NOTES:

GRO = Gasoline Range Organics

PVOC = Petroleum Volatile Organic Compounds

MTBE = methyl tert-butyl ether

TMB = Trimethylbenzene

GRCLs = Generic Residual Concentration Limits

GW = Groundwater

Bold numbers indicate concentrations above NR 720 GRCLs.

SSL = Soil Screening Levels, as indicators of residual product in soil pores.

Italics indicate concentrations above NR 746 Table 1 SSLs

**TABLE 2**  
**Groundwater Elevation Data**  
**Former Deep Rock Station,**  
**Cross Plains, WI**

Date	MW1 T.O.C.= 860.02		MW2 T.O.C.= 860.68		MW3 T.O.C.= 860.39		MW4 T.O.C.= 859.96		P4 T.O.C.= 860.13		MW5 T.O.C.= 859.95	
	Depth	Elev	Depth	Elev	Depth	Elev	Depth	Elev	Depth	Elev	Depth	Elev
02/20/2001	6.4	853.62			6.35	854.04	6.39	853.57	6.57	853.56	6.19	853.76
04/04/2001			product									
04/27/2001	6.09	853.93	6.76	853.92	6.63	853.98	6.53	853.98	6.06	854.33	6.07	853.89
05/14/2001			6.57	854.11	(removed 0.12 liter of product from skimmer)				6.24	853.89	6.24	853.89
06/18/2001			5.97	854.71	(removed 1.4 liter of product from skimmer)							
07/11/2001	6.88	853.14	6.44	854.24	(removed 0.5 liter of product from skimmer)							
07/31/2001			6.59	854.09	(removed 0.5 liter of product from skimmer)							
08/24/2001			6.25	854.43	6.21	854.43	6.21	854.43	6.02	854.37	6.04	853.92
10/29/2001	5.91	854.11	6.42	854.26	6.41	854.26	6.41	854.26	6.71	853.68	5.95	854.01
11/20/2001			6.57	854.11	No Product in Well or Skimmer				6.09	854.04	6.09	854.04
01/08/2002			6.71	853.97	6.68	853.97	6.68	853.97	Removed 100 mls of product from skimmer			
01/24/2002	6.35	853.67	6.81	853.87	(removed 50 ml)				6.31	854.08	6.34	853.62
02/07/2002			6.86	853.82	No Product in Well or Skimmer				6.52	853.61	6.14	853.81
04/16/2002	5.95	854.07	6.96	853.72	(removed 1.1 liter)				6.18	853.95	5.84	854.11
05/17/2002			6.05	854.63	6.04	854.63	6.04	854.63	5.91	854.05	6.18	853.95
05/31/2002			6.21	854.47	6.19	854.47	6.19	854.47	Removed 100 ml			
06/28/2002			6.07	854.61	(removed 1.4 Liters)				5.71	854.68	5.72	854.24
07/12/2002	5.75	854.27	6.25	854.43	6.23	854.43	6.23	854.43	5.88	854.25	5.51	854.44
07/25/2002			6.17	854.51	(removed 0.7 Liters)							
08/08/2002			6.27	854.41	(removed 0.5 Liters)							
09/03/2002			6.61	854.07	6.56	854.07	6.56	854.07				
09/16/2002			6.69	853.99	(removed 100 ml)							
10/11/2002	6.19	853.83	6.65	854.03	(removed 1.4 Liters)				6.15	853.81	6.33	853.80
01/21/2003	6.64	853.38	7.04	853.64	(removed 1.4 Liters)				6.61	853.55	6.83	853.50
02/07/2003			7.13	853.55	No Product in Well or Skimmer				6.43	853.52	6.43	853.52
03/07/2003			7.16	853.52	(removed 250 ml)							

TOC = top of casing  
Elevations are in feet above mean sea level (MSL)  
Blank - data not obtained

TABLE 3  
Groundwater Monitoring Results  
Former Deep Rock Station UST Site  
Cross Plains, Wisconsin

SAMPLING DATE	Ethyl Benzene		Toluene		Xylenes		Total TMB		MTBE		Lead		Naphthalene		Water Level		Nitrate		Sulfates		Iron		DO		
	5	700	1000	1000	1000	1000	480	60	12	15	15	40	40	(ft msl)	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NR 140 ES																									
NR 140 PAL																									
MW1																									
02/20/2001	<0.1	<0.1	<0.2	<0.3	<0.3	<0.3	<0.3	<1.1	<1.2	<0.7	853.62														
04/27/2001	<0.4	<0.4	<0.4	<0.7	<0.4	<0.4	<0.4	<0.4	<1.4	<1.4	853.93	3.83	16	<16.4	6.3										
07/31/2001	<0.4	<0.4	<0.4	<0.7	<0.4	<0.4	<0.4	<0.4	<1.4	<1.4	853.14														
10/29/2001	<0.3	<0.3	<0.29	<0.6	<0.3	<0.3	<0.3	<0.3	<1.4	<1.4	854.11														
01/24/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<0.4	<0.4	<1.3	<1.3	853.67														
04/16/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<0.4	<0.4	<1.3	<1.3	854.07	4.3	17	160	5.11										
07/12/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<0.4	<0.4	<1.3	<1.3	853.83	4.2	18	<48	5.28										
10/11/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<0.4	<0.4	<1.3	<1.3	853.38	4.3	17	250	4.97										
01/21/2003	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<0.4	<0.4	<1.3	<1.3	853.38	4.3	17	250	4.97										
MW2																									
02/20/2001																									
04/27/2001	65	8.2	21	260	172	4.7	<1.4	4.7	<1.4	<1.4	853.98	<0.08	6.1	9350	2.77										
07/31/2001	<4.0	10	<4.0	500	780	<4.0	42.6	<4.0	42.6	<4.0	854.09														
10/29/2001	90	150	840	1140	3300	<2.0	<1.4	260	854.26																
01/24/2002	74	<2.0	48	157	213	8.9		11	853.87																
04/16/2002	<8.0	<8.0	<8.0	350	510	<8.0	7.1	60	853.72																
07/12/2002	<4.0	13	7.4	192	350	<4.0	4.3	45	854.43	<0.18	1.1	27800	1.1	27800	1.83										
10/11/2002	<4.0	13	4.4	230	340	<4.0	9.5	39	854.03	<0.18	2.1	21100	2.1	21100	1.09										
01/21/2003	<2.0	14	6.4	230	340	<2.0	8.7	28	853.64	<0.18	2.1	26900	2.1	26900	1.41										
MW3																									
02/20/2001	1.6	0.19	1.7	1	0.72	<1.1	9.9	1.1	854.04																
04/27/2001	20	<0.4	7.4	0.89	2.6	2.1	<1.4	<1.4	854.33	6.3	15	<16.4	4.28												
07/31/2001	<0.4	<0.4	<0.4	<0.7	<0.4	<0.4	<1.4	<1.4	854.37																
10/29/2001	2.5	<0.3	0.76	<0.6	<0.3	1.7	<1.4	<0.25	853.68																
01/24/2002	8	0.66	2.7	2.35	1.66	3.3		1.3	854.08																
04/16/2002	<0.4	<0.4	<0.4	<0.5	2.1	<0.4	1.9	<0.4	854.5																
07/12/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.4	<1.3	854.68	4.1	18	158	5.09												
10/11/2002	<0.4	<0.4	<0.4	<0.9	0.52	0.51	<1.4	1.3	854.27	5	22	87.3	4.25												
01/21/2003	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.8	<1.3	853.79	4.2	17	243	5.11												
MW4																									
02/20/2001	<0.1	<0.1	<0.2	<0.3	<1.1	<1.2	<0.7	853.57																	
04/27/2001	<0.4	<0.4	<0.4	<0.7	<0.4	<1.4	<1.4	853.89	7.1	24	<16.4	4													
07/31/2001	<0.4	<0.4	<0.4	<0.7	<0.4	<1.4	<1.4	853.92																	
10/29/2001	<0.3	<0.3	<0.29	<0.6	<0.3	<0.3	<1.4	<0.25	854.01																
01/24/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.3	853.62																	
04/16/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.3	854.05																	
07/12/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.3	854.24	5.9	20	412	3.64													
10/11/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.3	853.81	5.1	19	81.2	3.94													
01/21/2003	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.3	853.35	5.1	21	<69	4.12													
P4																									
02/20/2001	<0.1	<0.1	<0.1	<0.2	<0.3	<1.1	<1.2	<0.7	853.56																
04/27/2001	<0.4	<0.4	<0.4	<0.7	<0.4	<1.4	<1.4	853.89	4.08	15	25.7	5.98													
07/31/2001	<0.4	<0.4	<0.4	<0.7	<0.4	<1.4	<1.4	853.95																	
10/29/2001	<0.3	<0.3	1.2	1.78	<0.3	<0.3	<1.4	1.3	854.04																
01/24/2002	<0.4	<0.4	0.56	1.94	0.79	<0.4	2.3	853.61																	
04/16/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.3	853.95																	
07/12/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.3	854.25	4.4	16	250	6.67													
10/11/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.3	853.8	4.5	18	174	5.56													
01/21/2003	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.3	853.3	4.5	17	190	5.67													
MW5																									
02/20/2001	<0.1	<0.1	<0.1	<0.2	<0.3	<1.1	1.8	<0.7	853.76																
04/27/2001	<0.4	<0.4	<0.4	<0.7	<0.4	<1.4	<1.4	854.07	4.35	23	<16.4	3.25													
07/31/2001	<0.4	<0.4	<0.4	<0.7	<0.4	<1.4	<1.4	854.11																	
10/29/2001	<0.3	<0.3	<0.29	<0.6	<0.3	<0.3	<1.4	<0.25	854.17																
01/24/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.3	853.81																	
04/16/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.3	854.2	4.1	20	<48	3.02													
07/12/2002	<0.4	<0.4	<0.4	<0.9	<0.5	<0.4	<1.3	854.44	4.1	20	<48	3.54													
10/11/2002	Not sampled																								