

## GIS REGISTRY INFORMATION

<b>SITE NAME:</b>	Smith Bulk Plant			<b>FID #</b>	
<b>BRRTS #:</b>	02-47-279496			(if appropriate):	
<b>COMMERCE #:</b>	54736-9999-03-A				
<b>CLOSURE DATE:</b>	August 04, 2003				
<b>STREET ADDRESS:</b>	1003 W Wells St				
<b>CITY:</b>	Durand				
<b>SOURCE PROPERTY GPS COORDINATES</b> (meters in WTM91 projection):	X =	363334	Y =	462878	
<b>CONTAMINATED MEDIA:</b>	Groundwater	<input type="checkbox"/>	Soil	<input checked="" type="checkbox"/>	Both
<b>OFF-SOURCE GW CONTAMINATION &gt;ES:</b>		Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
• IF YES, STREET ADDRESS:					
• GPS COORDINATES (meters in WTM91 projection):	X =		Y =		
<b>OFF-SOURCE SOIL CONTAMINATION &gt;Generic or Site-Specific RCL (SSRCL):</b>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	
• IF YES, STREET ADDRESS 1:					
• GPS COORDINATES (meters in WTM91 projection):	X =		Y =		
<b>CONTAMINATION IN RIGHT OF WAY:</b>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	
<b><u>DOCUMENTS NEEDED</u></b>					
Closure Letter, and any conditional closure letter issued or denial letter issued					<input checked="" type="checkbox"/>
Copy of any maintenance plan referenced in the final closure letter					<input type="checkbox"/>
Copy of (soil or land use) deed notice <i>if any required as a condition of closure</i>					<input type="checkbox"/>
Copy of most recent deed, including legal description, for all affected properties					<input checked="" type="checkbox"/>
Certified survey map or relevant portion of the recorded plat map <i>(if referenced in the legal description)</i> for all affected properties					<input type="checkbox"/>
County Parcel ID number, <i>if used for county</i> , for all affected properties					<input checked="" type="checkbox"/>
Location Map that 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. If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.					<input checked="" type="checkbox"/>
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. 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.					<input checked="" type="checkbox"/>
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)					<input checked="" type="checkbox"/>
Tables of Latest Soil Analytical Results (no shading or cross-hatching)					<input checked="" type="checkbox"/>
Isoconcentration map(s), <i>if required for site investigation (SI)</i> . The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.					<input type="checkbox"/>
GW: Table of water level elevations, with sampling dates, and free product noted if present					<input checked="" type="checkbox"/>
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)					<input checked="" type="checkbox"/>
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour					<input checked="" type="checkbox"/>
Geologic cross-sections, <i>if required for SI</i>					<input checked="" type="checkbox"/>
RP certified statement that legal descriptions are complete and accurate					<input checked="" type="checkbox"/>
Copies of off-source notification letters (if applicable)					<input type="checkbox"/>
Letter informing ROW owner of residual contamination (if applicable) (public, highway or railroad ROW)					<input type="checkbox"/>



ENVIRONMENTAL & REGULATORY SERVICES DIVISION  
BUREAU OF PECFA  
2715 Post Road  
Stevens Point, Wisconsin 54481  
TDD #: (608) 264-8777  
Fax #: (715) 345-5225  
<http://www.commerce.state.wi.us>  
<http://www.wisconsin.gov>  
Jim Doyle, Governor  
Cory L. Nettles, Secretary

August 04, 2003

LeRoy Wilder  
Xcel Energy  
1414 W Hamilton Ave  
PO Box 8  
Eau Claire, WI 54702-0008

RE: **Final Closure**

**Commerce # 54736-9999-03**      WDNR BRRTS # 02-47-279496  
Smith Bulk Plant, 1003 W Wells St, Durand

Dear Mr. Wilder:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If applicable, the PECFA claim for this site would also be reopened and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (715) 345-5307.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tim Zeichert', written over a horizontal line.

Tim Zeichert  
Hydrogeologist  
Site Review Section

cc: Matt Taylor, Cedar Corporation  
Case File



June 05, 2003

LeRoy Wilder  
Xcel Energy  
1414 W Hamilton Ave  
PO Box 8  
Eau Claire, WI 54702-0008

RE: **Conditional Case Closure**

**Commerce # 54736-9999-03**      **WDNR BRRTS # 02-47-279496**  
Smith Bulk Plant, 1003 W Wells St, Durand

Dear Mr. Wilder:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Cedar Corporation, for the site referenced above. It is understood that residual soil contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

**The following condition must be satisfied to obtain final closure:**

- All monitoring wells associated with this site must be properly abandoned. The appropriate documentation must be forwarded to the letterhead address.

This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (715) 345-5307.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tim Zeichert', written over a horizontal line.

Tim Zeichert  
Hydrogeologist  
Site Review Section

cc: Matt Taylor, Cedar Corporation  
Case File



February 05, 2003

LeRoy Wilder  
Xcel Energy  
1414 W Hamilton Ave  
PO Box 8  
Eau Claire, WI 54702-0008

RE: **Closure Denied**

**Commerce # 54736-9999-03**      **WDNR BRRTS # 02-47-279496**  
Smith Bulk Plant, 1003 W Wells St, Durand

(7-AST's; 3-12000 gallon unleaded gasoline, 2-12000 & 1-750 gallon diesel and 1-1500 gallon fuel oil)

Dear Mr. Wilder:

On November 19, 2002, the Wisconsin Department of Commerce (Commerce) received a request for case closure, dated November 18, 2002, prepared by your consultant, Cedar Corporation, for the site referenced above. On January 14, 2003, Commerce contacted Cedar Corporation by phone requesting additional information (AI). The AI was received by Commerce on January 27, 2003, however, Commerce has determined that this case cannot be closed until you provide additional information and address the following concerns:

- Commerce requires one additional round of groundwater sampling from all monitoring wells. The samples shall be analyzed for PVOC's and naphthalene. Groundwater elevations shall also be determined.
- Upon completion of the additional monitoring, Cedar Corporation shall submit a NR 716.15(2) compliant site investigation report (SIR).

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (715) 345-5307.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tim Zeichert', written over a horizontal line.

Tim Zeichert  
Hydrogeologist  
Site Review Section

cc: Matt Taylor, Cedar Corporation  
Case File

State of Wisconsin  
Department of Natural Resources  
Box 7921  
Madison, Wisconsin 53707

QUIT-CLAIM DEED  
Form 2200-3 Rev. 2/90

088611

VOL 90 RECORDS PAGE 551

BY THIS DEED, the State of Wisconsin (Department of Natural Resources), formerly known as Wisconsin Conservation commission, Grantor, hereby conveys and quit-claims to Northern States Power Company, Grantee, for a valuable consideration One and no/100 (\$1.00) Dollars and Other Good and Valuable Consideration the following described real estate in Pepin County, State of Wisconsin.

(See Attached for Legal Description)

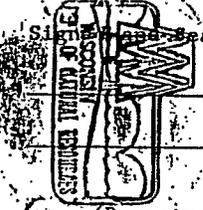
REGISTER'S OFFICE }  
Pepin County, Wis. } ss.

Received for record, the 4 day  
of February A.D. 1992 at  
11:40 o'clock A.M. and recorded  
in Vol. 90 of Records on page 551 -  
Monica J. Bauer, Dep. 557  
Charge Register of Deeds

FEE  
77.25(2)  
EXEMPT

THIS CONVEYANCE IS EXEMPT FROM A REAL ESTATE TRANSFER FEE  
PURSUANT TO SUBSECTION 77.25(2) OF THE WISCONSIN STATUTES.

Executed at Madison, Wisconsin this 30th day of January, 1992.



State sealed in the Presence of:

State of Wisconsin  
Department of Natural Resources

By Carroll D. Besadny (Seal)  
(Carroll D. Besadny, SECRETARY)

(Department Seal)

State of Wisconsin )  
Dane County ) ss.

Personally came before me this 30th day of January, A.D., 1992,

Carroll D. Besadny, Secretary of the Department of Natural Resources to me known to be the person who executed the foregoing instrument, and to me known to be such Secretary of the Department of Natural Resources, and acknowledged that he/she executed the foregoing instrument as such officer as the deed of the Department of Natural Resources by its authority.



Karl E. Hansen  
Karl E. Hansen

Notary Public, State of Wisconsin

This instrument was drafted by the  
Department of Natural Resources.

My Commission (expires) (is) 11/29/92.

Also all of Lots 5, 6, 7 of Block 5 in Range 3 of Prindle and Babatz Addition to the Village of Durand as recorded in Volume M of Deeds, Page 54 in the Office of Register of Deeds, Pepin County, Wisconsin.

Also all of Lots 1, 2, 3, and 4, of Block 5, Range 3 of Prindle and Babatz Addition to the Village of Durand as recorded in Volume M of Deeds, Page 233 in the Office of Register of Deeds, Pepin County, Wisconsin.

Also all of Lot 5 and the southeasterly one half of Lot 6, Block 4, Range 3 in M.D. Prindle's Tract to the Village of Durand as recorded in Volume M of Deeds, Page 52 in the Office of Register of Deeds, Pepin County, Wisconsin.

Also all of Lot 4, Block 4, Range 3 in M.D. Prindle's Tract to the Village of Durand as recorded in Volume M of Deeds, Page 62 in the Office of Register of Deeds, Pepin County, Wisconsin. Excepted from said Lot 4, Block 4 is that portion Quit Claimed to Jerome and Paul Greal on 10-29-1970.

Also a parcel of land 66 feet in width, known as Wells Street, lying 33 feet in width on either side of a centerline that continues running northerly and northeasterly as surveyed, located, and laid out, extending from the south line to the east line of Government Lot 7 of Section 21, T25N, R13W. From the above described strip is excepted the following southeasterly 33 feet abutting Lot 12 of Block 5 of Prindle and Babatz Addition to the Village of Durand. Also the northwesterly 33 feet of the southwesterly 925 feet. Also the southeasterly 33 feet abutting Lot 8 Block 2 of M.D. Prindle's tract to the Village of Durand and including the easterly half of W. Broadway St. now known as 3rd Ave. West. Also the northwesterly 33 feet abutting School House Square Block 1 of Billings Tract, Village of Durand.

A parcel of land 60 feet in width extending across from the easterly side to the westerly side of Lot 5, Block 2, Range 3 of Billings Tract to the Village of Durand and being 30 feet on each side of, at right angles from and parallel to the centerline of the railroad tracks across said Lot as recorded in Volume M, Pages 50 and 51 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

A parcel of land 60 feet in width across Lots 3 and 4 and the southwesterly side of Clinton Street (now 3rd Ave.), Block 2, Range 3, Billings Tract to the Village of Durand and being 30 feet on each side of, at right angles from and parallel to the centerline of the railroad tracks across said Lots as recorded in Volume M, Pages 183 and 184 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

A parcel of land 60 feet in width across Lots 1 and 2, Block 3, Range 3 Billings Tract to the Village of Durand being 30 feet on each side of, at right angles from and parallel to the centerline of the railroad across said Lots and as recorded in Volume M, Page 78 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

All of Madison and East Broadway (now 4th Ave. E.) Streets in the Village of Durand belonging or appertaining to Lot 8, Block 4, Range 3, Billings Tract as the same is used, occupied or affected by the line of the railroad across said streets and as recorded in Volume M, Page 351 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

A parcel of land 50 feet wide across Block 4, Range 2, Billings Tract East of Bass Line in the Village of Durand and being 25 feet at right angles from and parallel to the centerline of the railroad across said block and as recorded in Volume M, Page 217 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

across the NW 1/4 of the NW 1/4 of Section 22, T25N, R13W as recorded in Volume M, Page 187 in the Office of Register of Deeds, Pepin County, Wisconsin.

A parcel of land 100 feet in width lying within lines 50 feet on each side of, at right angles from and parallel with the centerline of the railroad across the NE 1/4 of the NW 1/4 of Section 22, T25N, R13W and as recorded in Volume M, Page 210 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

A parcel of land 100 feet in width lying within lines 50 feet on each side of, at right angles from and parallel with the centerline of the railroad across the NW 1/4 of the NE 1/4 of Section 22, T25N, R13W and as recorded in Volume M, Page 224 of Deeds in the Office of the Register of Deeds for Pepin County, Wisconsin.

A parcel of land located in the SE 1/4 of the SW 1/4, Section 15, T25N, R13W; lying southeasterly of a line that is 50 feet at right angles northwesterly from the centerline of the railroad as recorded in Volume M, Page 129 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

A parcel of land 100 feet in width lying within lines 50 feet on each side of, at right angles from and parallel with the centerline of the railroad across the SW 1/4 of the SE 1/4 of Section 15, T25N, R13W, and as recorded in Volume M, Page 244 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

A parcel of land in Sections 15 and 22, T25N, R13W beginning 190 feet east of the quarter corner between Sections 15 and 22, thence east on the Section line 350 feet, thence N 70° E 200 feet; thence North 227 feet, thence Southwesterly along the above last described 100 foot strip to the point of beginning. Also beginning at a point on the east and west section line 190 feet east of 1/4 corner between Sections 15 and 22, T25N, R13W, thence south 100 feet; thence N70° E 360 feet, thence west on the section line to the point of beginning, as recorded in Volume M, Page 218 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

A parcel of land 100 feet in width lying within lines 50 feet on each side of, at right angles from and parallel with the centerline of the railroad across the NE 1/4 of the SE 1/4 of Section 15, T25N, R13W, and as recorded in Volume M, Page 254 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

A parcel of land 100 feet in width lying within lines 50 feet on each side of, at right angles from and parallel with the centerline of the railroad across the SE 1/4 of the NE 1/4 of Section 15, T25N, R13W, and as recorded in Volume M, Page 76 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

A parcel of land 100 feet in width lying within lines 50 feet on each side of, at right angles from and parallel with the centerline of the railroad across the NE 1/4 of the NE 1/4 of Section 15, T25N, R13W and as recorded in Volume M, Page 129 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

A parcel of land 100 feet in width lying within lines 50 feet on each side of, at right angles from and parallel with the centerline of the railroad across the NW 1/4 of the NW 1/4 of Section 14, T25N, R13W and as recorded in Volume M, Page 77 of Deeds in the Office of the Register of Deeds for Pepin County, Wisconsin.

Volume M, Page 47 of Deeds in the Office of the Register of Deeds for Pepin County, Wisconsin,

A parcel of land 100 feet in width lying within lines 50 feet on each side of, at right angles from and parallel with the centerline of the railroad across Government Lot 4 and/or the NW 1/4 of the NW 1/4 of Section 6, T25N, R12W and as recorded in Volume M, Page 53 of Deeds in the Office of the Register of Deeds, Pepin County, Wisconsin.

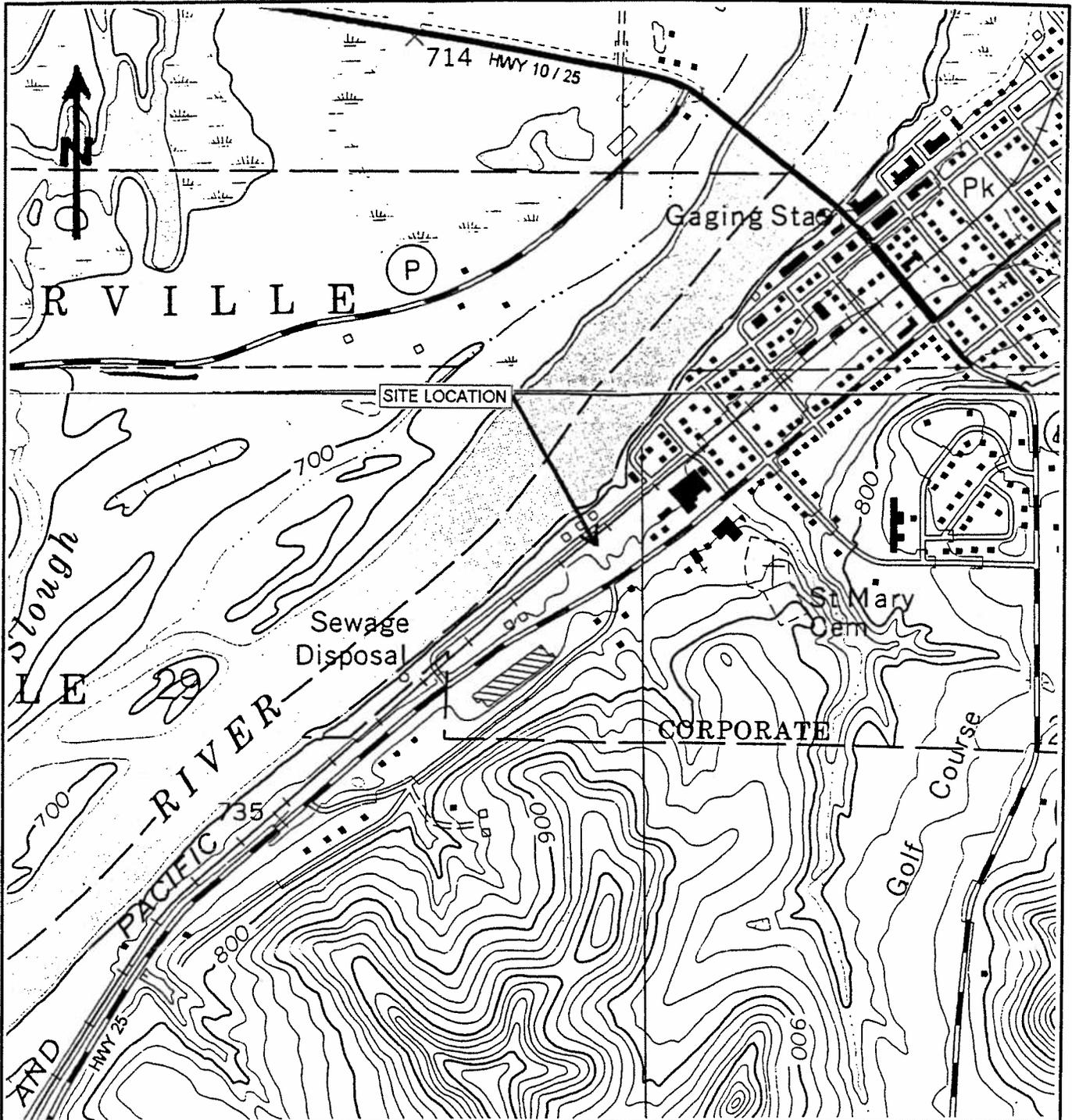
All that part of a parcel of land 100 feet in width being within Government Lot 3 and lying within lines 50 feet on each side of, at right angles from and parallel with the centerline of the railroad across the NW 1/4 of Section 6, T25N, R12W.

COMMERCE Number 54736-9999-03  
BRRTS Number 02-47-279496

Remedial Action Site Name – Smith Bulk Plant

**PARCEL IDENTIFICATION NUMBER**

25.13.29.4-6



**LEGEND**

DURAND NORTH & SOUTH, WIS.  
USGS TOPOGRAPHIC QUADRANGLES.  
7.5 MINUTE SERIES, 1970 (1980)

CONTOUR INTERVAL = 20 FEET

SW 1/4, NE 1/4, SECTION 29  
TOWNSHIP 25 NORTH, RANGE 13 WEST



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DRAWN BY  
USGS

DATE  
9/01

REVISED BY  
MAT

SCALE  
1" : 2000'

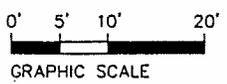
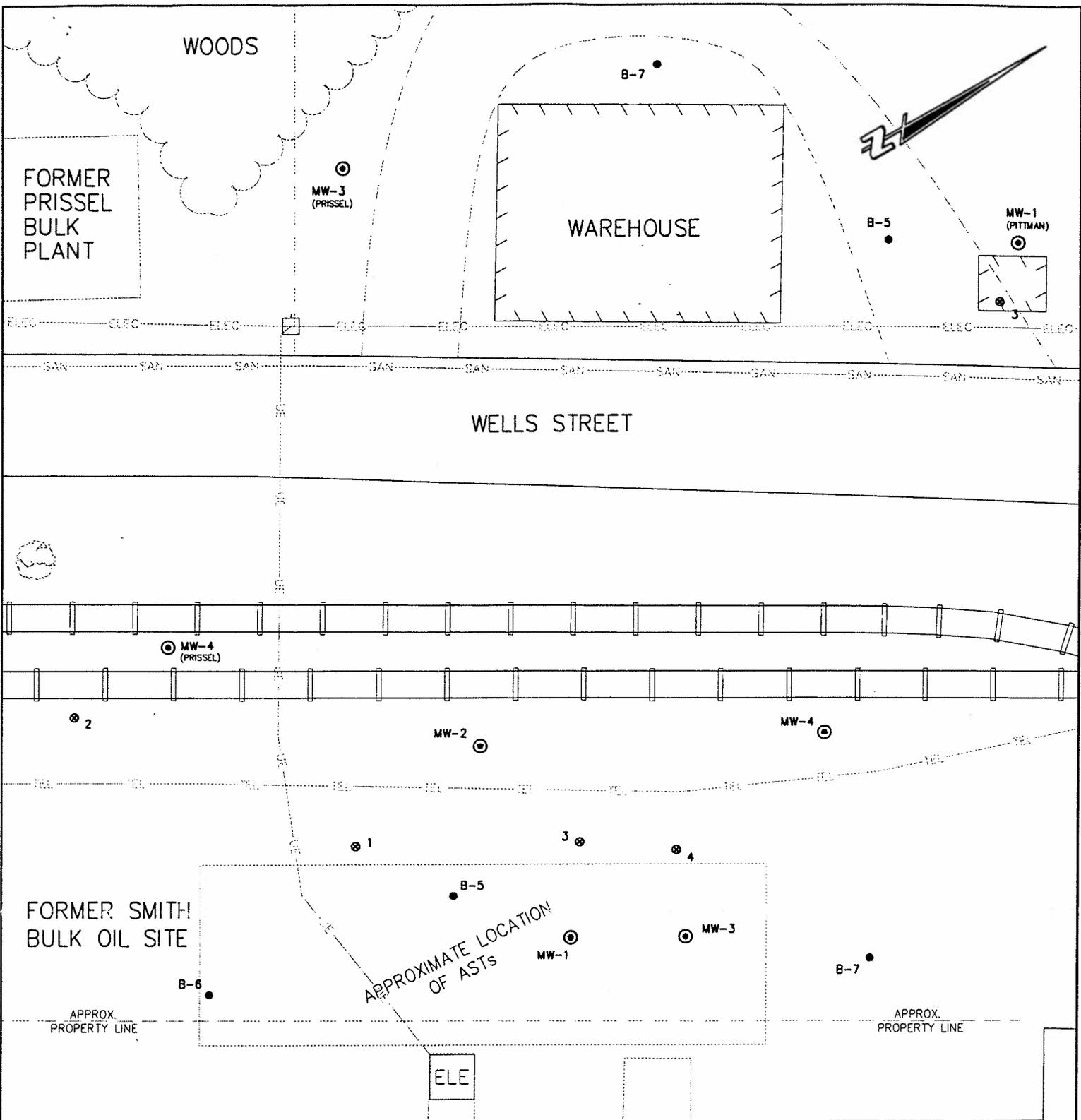
SITE LOCATION MAP

XCEL ENERGY  
FORMER SMITH BULK PLANT  
WELLS STREET  
DURAND, WI

CHECKED BY  
MAT

JOB NO.  
724

FIGURE  
1



**LEGEND**

- ⊙ MW-4 = MONITORING WELL LOCATION
- B-2 = SOIL BORING LOCATION
- ⊗ 2 = PHASE II SOIL BORING

N:\PROJ\X072421\DWG\X241site.dwg

DRAWN BY	PROJECT TITLE
TAG	SITE FEATURES MAP
DATE	XCEL ENERGY
NOVEMBER 2001	FORMER SMITH BULK OIL SITE
REFERENCE FILE	DURAND, WISCONSIN
X221BASE.DWG	
DRAWING FILE	
X241site.dwg	

SITE FEATURES MAP	
XCEL ENERGY	
FORMER SMITH BULK OIL SITE	
DURAND, WISCONSIN	

**Cedar**  
corporation

604 Wilson Avenue  
Menomonie, Wisconsin 54751  
715-235-9081  
800-472-7372  
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CHECKED BY	MAT
JOB NO.	X0724-241
FIGURE	2

**TABLE 1  
PVOC'S & LEAD GROUND WATER ANALYSIS RESULTS  
XCEL ENERGY  
SMITH BULK AST SITE**

Date Sampled	GWE, ft	Product Thickness, ft	GRO ug/L	DRO mg/L	Lead mg/L	1,2-DCA ug/L PAL=0.5 ES=5.0	EDB ug/L PAL=0.005 ES=0.05	Naphthalene ug/L PAL=8 ES=40	Benzene ug/L PAL=0.5 ES=5	Ethylbenzene ug/L PAL=140 ES=700	MTBE ug/L PAL=12 ES=60	Toluene ug/L PAL=200 ES=1000	1,2,4TMB ug/L PAL=96* ES=480*	1,3,5TMB ug/L PAL=96* ES=480*	Xylenes ug/L PAL=1000 ES=10,000
<b>Monitoring Well 1</b>			GSE: 720.04		TOC: 722.57	TOS: 710.47	BOC: 700.47	Total Depth: 22.10		Screen Length 10.00					
12/11/2001	707.91		<50	<0.10		<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.10	<0.10	<0.10	<0.25
02/11/2002	707.80		<50			<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.10	<0.10	<0.10	<0.25
03/11/2003	707.50							<0.50	<0.25	<0.22	<0.23	<0.11	<0.25	<0.19	<0.39
<b>Monitoring Well 2</b>			GSE: 717.18		TOC: 719.63	TOS: 709.33	BOC: 699.33	Total Depth: 20.30		Screen Length 10.00					
12/11/2001	707.41		80	2.4		<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.10	<0.10	<0.10	<0.25
02/11/2002	707.17		<50			<1.0	<1.0	<0.42	<0.40	<1.0	<1.0	<0.40	<0.40	<0.40	<1.0
03/11/2003	706.82							<0.50	<0.25	<0.22	<0.23	<0.11	<0.25	<0.19	<0.39
<b>Monitoring Well 3</b>			GSE: 720.00		TOC: 722.50	TOS: 711.49	BOC: 701.49	Total Depth: 21.01		Screen Length 10.00					
12/11/2001	708.06		390	1.0		<0.25	<0.25	<0.25	0.34	<0.25	<0.25	0.40	0.22	0.51	0.58
02/11/2002	707.80		400			<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.10	<0.10	<0.10	<0.25
03/11/2003	707.47							1.3	<0.25	<0.50	<0.23	<0.42	0.37	<0.19	0.59
<b>Monitoring Well 4</b>			GSE: 717.54		TOC: 719.94	TOS: 711.84	BOC: 701.84	Total Depth: 18.10		Screen Length 10.00					
12/11/2001	706.97		<50	<0.10		<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.10	<0.25	<0.10	<0.25
02/11/2002	706.64		<50			<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.10	<0.10	<0.10	<0.25
03/11/2003	706.28							<0.50	<0.25	<0.22	<0.23	<0.11	<0.25	<0.19	<0.39

DRO = Diesel Range Organics  
 GRO = Gasoline Range Organics  
 MTBE = Methyl-Tert-Butyl Ether  
 TMB = Trimethylbenzene  
 1,2-DCA = 1,2-Dichloroethane  
 PAL = Preventive Action Limit (NR 140)

ES = Enforcement Standard (NR 140)  
 ug/L = micrograms per liter = parts per billion  
 mg/L = milligrams per liter = parts per million  
 NA = Not Analyzed  
 \* = 1,2,4-TMB and 1,3,5-TMB combined  
 EDB = 1,2 - Dibromoethane

FB = Field Blank  
 TB = Trip Blank  
 GWE = Ground Water Elevation, ft  
 GSE = Ground Surface Elevation, ft  
 TOC = Top of Casing Elevation, ft  
 TOS = Top of Screen Elevation, ft  
 BOC = Bottom of Casing Elevation, ft

I://working/grdcapbpv

**TABLE 2  
PAH GROUNDWATER ANALYSIS RESULTS  
XCEL ENERGY  
SMITH BULK AST SITE**

Date Sampled	Lab ID	Acenaphthene	Acenaphthylene	Anthracene PAL=600 ES=3000	Benzo (a) anthracene	Benzo (a) pyrene PAL=0.02 ES=0.2	Benzo (b) fluoranthene PAL=0.02 ES=0.2	Benzo (k) fluoranthene	Benzo (ghi) perylene	Chrysene PAL=0.02 ES=0.2	Dibenzo (a,h) anthracene	Fluoranthene PAL=80 ES=400	Fluorene PAL=80 ES=400	Indeno (1,2,3-cd) pyrene	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene a PAL=8 ES=40	Phenanthrene	Pyrene PAL=50 ES=250
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Monitoring Well: 1

12/11/20	463698	<0.42	<0.67	<0.031	<0.034	<0.024	<0.058	<0.052	<0.11	<0.030	<0.052	<0.080	<0.081	<0.041	<0.53	<1.0	<0.40	<0.081	<0.063
2/11/200	470431	<0.42	<0.67	<0.032	<0.035	<0.024	<0.059	<0.052	<0.12	<0.030	<0.052	<0.081	<0.082	<0.041	<0.54	<1.0	<0.40	<0.082	<0.064

Monitoring Well: 2

12/11/20	463699	<0.44	<0.70	<0.033	0.24	<0.025	<0.061	<0.054	<0.12	0.13	<0.054	0.15	<0.085	<0.043	<0.56	<1.0	<0.41	<0.085	0.18
2/11/200	470432	<0.44	<0.70	<0.033	<0.036	<0.025	<0.062	<0.055	<0.12	<0.032	<0.055	<0.077	<0.086	<0.043	<0.56	<1.1	<0.42	<0.086	<0.067

Monitoring Well: 3

12/11/20	463700	<0.43	<0.69	<0.032	0.094	<0.025	<0.060	<0.054	<0.12	<0.031	<0.054	0.15	<0.084	<0.042	<0.55	<1.0	<0.41	<0.084	0.37
2/11/200	470433	<0.42	<0.67	0.054	<0.035	<0.024	<0.059	<0.052	<0.12	<0.030	<0.052	0.18	0.45	<0.041	<0.54	1.5	<0.40	0.20	<0.064

Monitoring Well: 4

12/11/20	463701	<0.44	<0.71	<0.033	<0.037	<0.026	<0.062	<0.056	<0.12	<0.032	<0.056	<0.085	<0.087	<0.043	<0.57	<1.1	<0.42	<0.087	<0.068
2/11/200	470434	<0.42	<0.68	<0.032	<0.035	<0.024	<0.059	<0.053	<0.12	<0.031	<0.053	<0.082	<0.083	<0.041	<0.54	<1.0	<0.40	<0.083	<0.065

Results reported in ug/L = micrograms per liter = parts per billion

PAL = Preventive Action Limit (NR 140)

ES = Enforcement Standard (NR 140)

Wednesday, March 06, 2002

I://WORKING/PAH\_AL

**TABLE OF PHASE 2 SOIL BORING RESULTS**  
**GRO, DRO, AND PVOC SOIL SAMPLE ANALYTICAL RESULTS**  
**XCEL ENERGY / FORMER SMITH BULK PLANT**  
**DURAND, WISCONSIN**

					GRO	DRO	Lead	Results reported in ug/Kg						
					mg/Kg	mg/Kg	mg/kg	Benzene	E - Benzene	MTBE	Toluene	1,2,4 TMB	1,3,5 TMB	Xylenes
Wis Admin Code s. NR720.09					100-250	100-250	50	5.5	2,900	NS	1,500	NS	NS	4,100
Wis Admin Code s. NR746.06 Table 2					NS	NS	NS	1,100	NS	NS	NS	NS	NS	
Wis Admin Code s. NR746.06 Table 1					NS	NS	NS	8,500	4,600	NS	38,000	83,000	11,000	42,000
Sample Location	Sample Depth	Sample Date	Laboratory ID	FID/PID (IU)										
B-1	3.5-4'	09/10/2001	450718	0	<5.7	68		<28	<28	<28	<28	<28	<28	<85
B-1	10-10.5'	09/10/2001	450719	0	<5.2	<5.2		<26	<26	<26	<26	<26	<26	<78
B-2	3.5-4'	09/10/2001	450720	0	<5.2	<5.2		<26	<26	<26	<26	<26	<26	<79
B-2	10.5-11'	09/10/2001	450721	0	<5.3	<5.3		<26	<26	<26	<26	<26	<26	<79
B-3	3.5-4'	09/10/2001	450722	0	<5.4	<5.4		<27	<27	<27	<27	<27	<27	<81
B-3	11.5-12'	09/10/2001	450723	790	<b>1,170</b>	<b>2,970</b>		<1270	<b>12,700</b>	<1270	<b>1,800</b>	6,260	<1270	<4030
B-4	3.5-4'	09/10/2001	450724	0	<5.3	<5.3		<27	<27	<27	<27	<27	<27	<80
B-4	11-11.5'	09/10/2001	450725	0	<5.3	<5.3		<26	<26	<26	<26	<26	<26	<79

MTBE = Methyl tert butyl ether

TMB = Trimethylbenzene

E-Benzene = Ethylbenzene

1,2-DCA = 1,2 Dichloroethane

FID/PID = Flame or Photo Ionization Detector

**Bolded results exceed the soil standards of NR 720.09 or NR 746.06 Table 1 or 2**

ug/Kg= micrograms per kilogram = ppb = parts per billion

mg/Kg= milligrams per kilogram = ppm = parts per million

IU = Instrument Units

NA = Not Analyzed

NS = No Standard Established

**TABLE 1**  
**GRO, DRO, AND PVOC SOIL SAMPLE ANALYTICAL RESULTS**  
**XCEL ENERGY / FORMER SMITH BULK PLANT**  
**DURAND, WISCONSIN**

					GRO	DRO	Lead	Results reported in ug/Kg						
					mg/Kg	mg/Kg	mg/kg	Benzene	E - Benzene	MTBE	Toluene	1,2,4 TMB	1,3,5 TMB	Xylenes
Wis Admin Code s. NR720.09					100-250	100-250	50	5.5	2,900	NS	1,500	NS	NS	4,100
Wis Admin Code s. NR746.06 Table 2					NS	NS	NS	1,100	NS	NS	NS	NS	NS	NS
Wis Admin Code s. NR746.06 Table 1					NS	NS	NS	8,500	4,600	NS	38,000	83,000	11,000	42,000
Sample Location	Sample Depth	Sample Date	Laboratory ID	FID/PID (IU)										
B-5	2.5-4.5'	12/04/2001	462441	0	<5.5	27		<27	<27	<27	<27	<27	<27	<82
B-5	10-12'	12/04/2001	462442	1.5	<5.3	38		<27	<27	<27	<27	<27	<27	<80
B-5	12.5-14.5'	12/04/2001	462443	0.6	<5.5	<5.5		<28	<28	<28	<28	<28	<28	<83
B-6	2.5-4.5'	12/04/2001	462444	0	<5.5	8		<27	<27	<27	<27	<27	<27	<82
B-6	12.5-14.5'	12/04/2001	462445	0	<5.8	<5.8		<29	<29	<29	<29	<29	<29	<87
B-7	2.5-4.5'	12/03/2001	462094	0	<5.3	<b>930</b>		<26	<26	<26	<26	<26	<26	<79
B-7	10-12'	12/03/2001	462095	0.1	<5.7	<5.7		<29	<29	<29	<29	<29	<29	<86
MW-1	2.5-4.5'	12/03/2001	462090	0	<5.4	<5.4		<27	<27	<27	<27	<27	<27	<80
MW-1	12.5-14.5'	12/03/2001	462091	0.8	<6.0	<6.0		<30	<30	<30	<30	<30	<30	<89
MW-2	2.5-4.5'	12/04/2001	462446	0	<5.3	<5.3		<27	<27	<27	<27	<27	<27	<80
MW-2	10-12'	12/04/2001	462447	36	<b>457</b>	<b>3,730</b>		<300	<300	<300	<300	<300	<300	<901
MW-3	2.5-4.5'	12/03/2001	462092	11.2	<5.4	<b>421.0</b>		<27	<27	<27	<27	<27	<27	<81
MW-3	10-12'	12/03/2001	462093		<b>541</b>	<b>1,440</b>	<4.4	<133	<b>3,870</b>	<133	641	3,650	<133	3,090
MW-4	2.5-4.5'	12/04/2001	462448	0	<5.2	<5.2		<26	<26	<26	<26	<26	<26	<79
MW-4	10-12'	12/04/2001	462449	0	<5.8	<5.8		<29	<29	<29	<29	<29	<29	<87

MTBE = Methyl tert butyl ether

TMB = Trimethylbenzene

E-Benzene = Ethylbenzene

1,2-DCA = 1,2 Dichloroethane

FID/PID = Flame or Photo Ionization Detector

**Bolded results exceed the soil standards of NR 720.09 or NR 746.06 Table 1 or 2**

ug/Kg= micrograms per kilogram = ppb = parts per billion

mg/Kg= milligrams per kilogram = ppm = parts per million

IU = Instrument Units

NA = Not Analyzed

NS = No Standard Established

**TABLE 3  
PAH SOIL SAMPLE ANALYTICAL RESULTS  
XCEL ENERGY - SMITH BULK PLANT SITE  
DURAND, WI**

Compound	Units of Measure	Generic RCL's in ug/kg		Location Laboratory ID Sample date Sample Depth	MW-2 462447 12/04/2001 10-12'	MW-3 462092 12/03/2001 2.5-4.5'	MW-3 462093 12/03/2001 10-12'
		Groundwater Pathway	Direct Contact Pathway Non Industrial				
<b>PAH's</b>							
ACENAPHTHENE	ug/kg	38,000	900,000		<60	<54	<55
ACENAPHTHYLENE	ug/kg	700	18,000		<100	<92	<94
ANTHRACENE	ug/kg	3,000,000	5,000,000		16	<5.4	62
BENZO (a) ANTHRACENE	ug/kg	17,000	88		300	<5.4	72
BENZO (b) FLUORANTHENE	ug/kg	360,000	88		<6.0	<5.4	<5.5
BENZO (k) FLUORANTHENE	ug/kg	870,000	880		<6.0	<5.4	<5.5
BENZO (a) PYRENE	ug/kg	48,000	8.8		<6.0	<5.4	<5.5
BENZO (ghi) PERYLENE	ug/kg	6,800,000	1,800		<6.0	<5.4	<5.5
CHRYSENE	ug/kg	37,000	8,800		83	<5.4	9.1
DIBENZO (a,h) ANTHRACENE	ug/kg	38,000	8.8		<9.0	<8.1	<8.3
FLUORANTHENE	ug/kg	500,000	600,000		264	<11	110
FLUORENE	ug/kg	100,000	600,000		60	<11	81
INDENO (1,2,3-cd) PYRENE	ug/kg	680,000	88		<6.0	<5.4	<5.5
1-METHYLNAPHTHALENE	ug/kg	23,000	1,100,000		<36	<32	<33
2-METHYLNAPHTHALENE	ug/kg	20,000	600,000		<30	<27	265
NAPHTHALENE	ug/kg	400	20,000		<36	<32	<33
PHENANTHRENE	ug/kg	1,800	18,000		64	<5.4	210
PYRENE	ug/kg	8,700,000	500,000		385	<5.4	122

ug/kg = micrograms per Kilogram  
(ppb - parts per billion)  
PAH = Polynuclear Aromatic Hydrocarbons

RCL'S = Suggested Generic Residual Contaminant Levels  
RCL'S are from the 1997 DNR Publication RR-519-97

**FORMER SMITH BULK PLANT  
DURAND, WI**

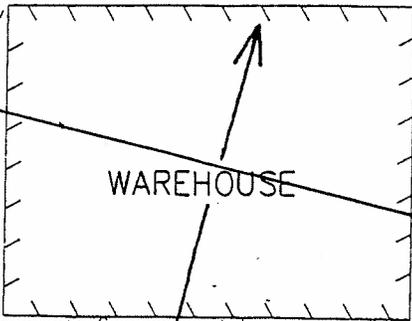
**GROUNDWATER ELEVATIONS**

DATE	WELL	MW-1	MW-2	MW-3	MW-4
	CASING ELEV.	722.57	719.63	722.50	719.94
	GROUND ELEV.	720.04	717.18	720.06	717.54
	SCREEN TOP ELEV.	710.47	709.33	710.49	711.44
	SCREEN BOTTOM ELEV.	700.47	699.33	700.49	701.44
12/05/2001		707.67	707.14	707.73	706.56
12/11/2001		707.91	707.41	708.06	706.97
02/11/2002		707.80	707.17	707.80	706.64

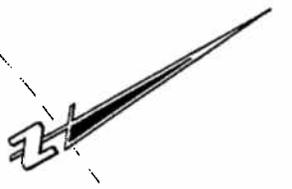
NOTE : ALL ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL (MSL)

WOODS

FORMER PRISSEL BULK PLANT

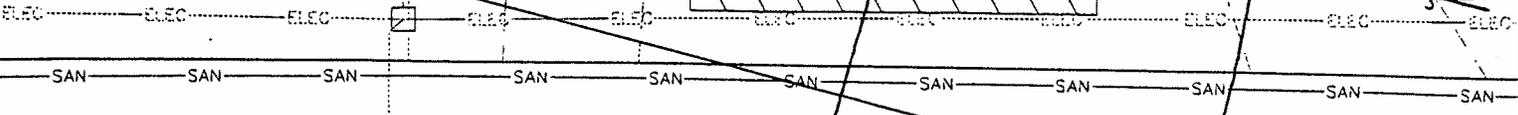


WAREHOUSE

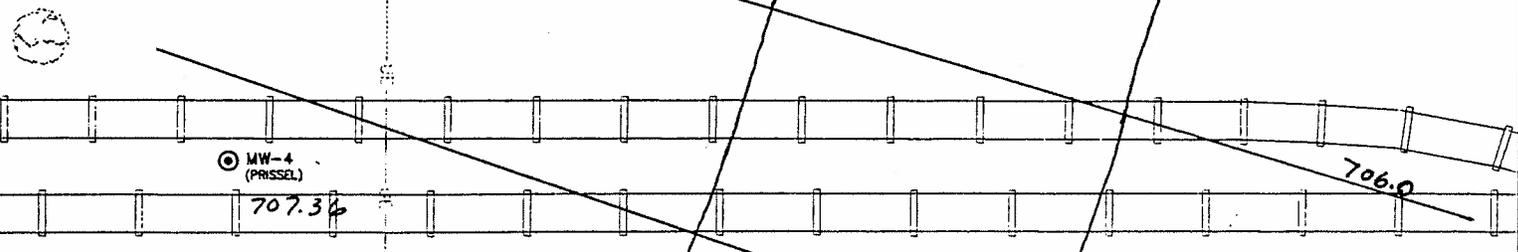


MW-3 (PRISSEL)  
704.15

703.63  
MW-1 (PITTMAN)



WELLS STREET

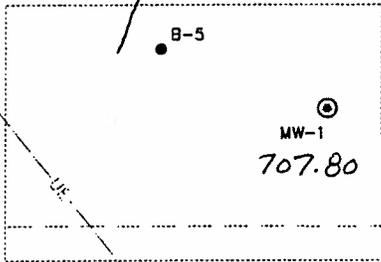


MW-4 (PRISSEL)  
707.32

MW-2  
707.18

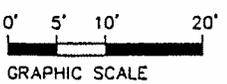
MW-4  
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FORMER SMITH BULK OIL SITE



MW-1  
707.80

MW-3  
707.80



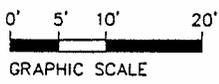
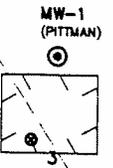
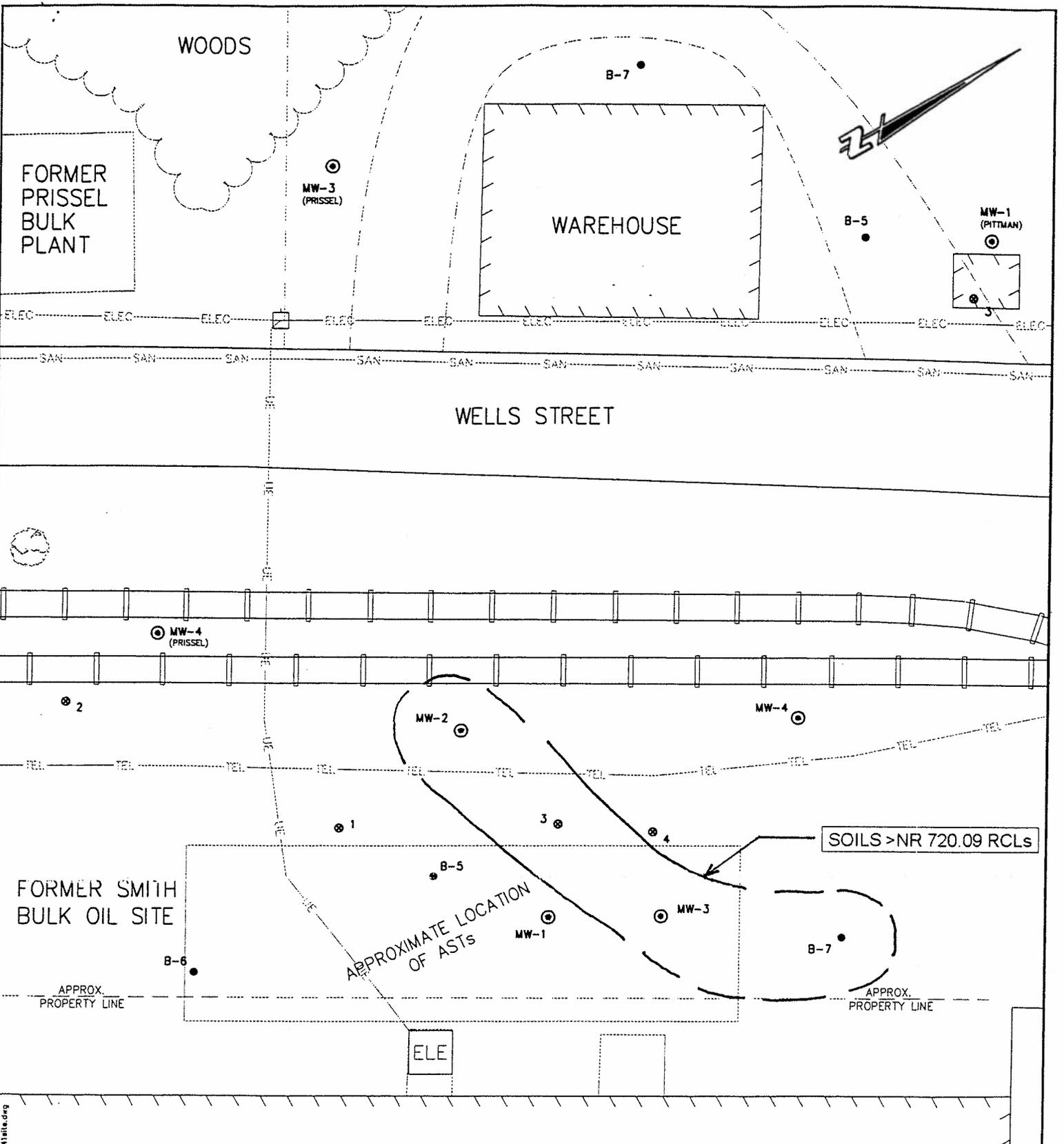
BAUER BUILT TIRES

**LEGEND**

- ⊙ MW-4 = MONITORING WELL LOCATION
- B-2 = SOIL BORING LOCATION
- ⊗ 2 = PHASE II SOIL BORING

N:\PROJ\X0724\241\DWG\X241site.dwg

DRAWN BY TAG DATE NOVEMBER 2001 REFERENCE FILE X221BASE.DWG DRAWING FILE X241site.dwg	PROJECT TITLE	<b>Cedar</b> corporation <small>engineers • architects • planners • environmental specialists land surveyors • landscape architects • interior designers</small>	804 Wilson Avenue Menomonia, Wisconsin 54751 715-235-9081 800-472-7372 FAX 715-235-2727 www.cedarcorp.com	CHECKED BY MAT
	GROUNDWATER FLOW MAP FOR 2/11/2002			JOB NO. X0724-241
	XCEL ENERGY			FIGURE
	FORMER SMITH BULK OIL SITE			GW-2/02
	DURAND, WISCONSIN			

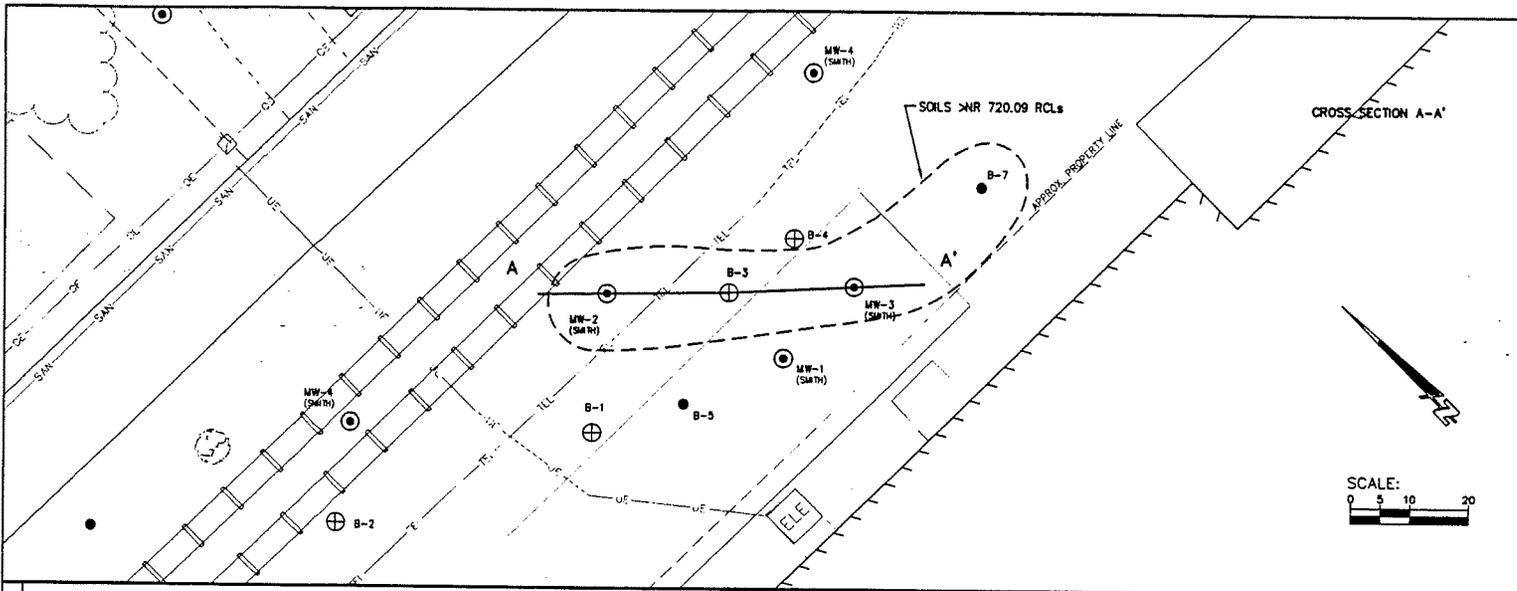


LEGEND	
⊙ MW-4	= MONITORING WELL LOCATION
● B-2	= SOIL BORING LOCATION
⊗ 2	= PHASE II SOIL BORING

N:\PROJ\X0724241\DWG\X241site.dwg

DRAWN BY TAG  DATE NOVEMBER 2001  REFERENCE FILE X221BASE.DWG  DRAWING FILE X241site.dwg	PROJECT TITLE  <b>SOIL CONTAMINATION MAP</b>  <b>XCEL ENERGY</b>  <b>FORMER SMITH BULK OIL SITE</b>  <b>DURAND, WISCONSIN</b>	 <b>Cedar</b> corporation  <small>engineers • architects • planners • environmental specialists land surveyors • landscape architects • interior designers</small>	CHECKED BY MAT  JOB NO. X0724-241  FIGURE
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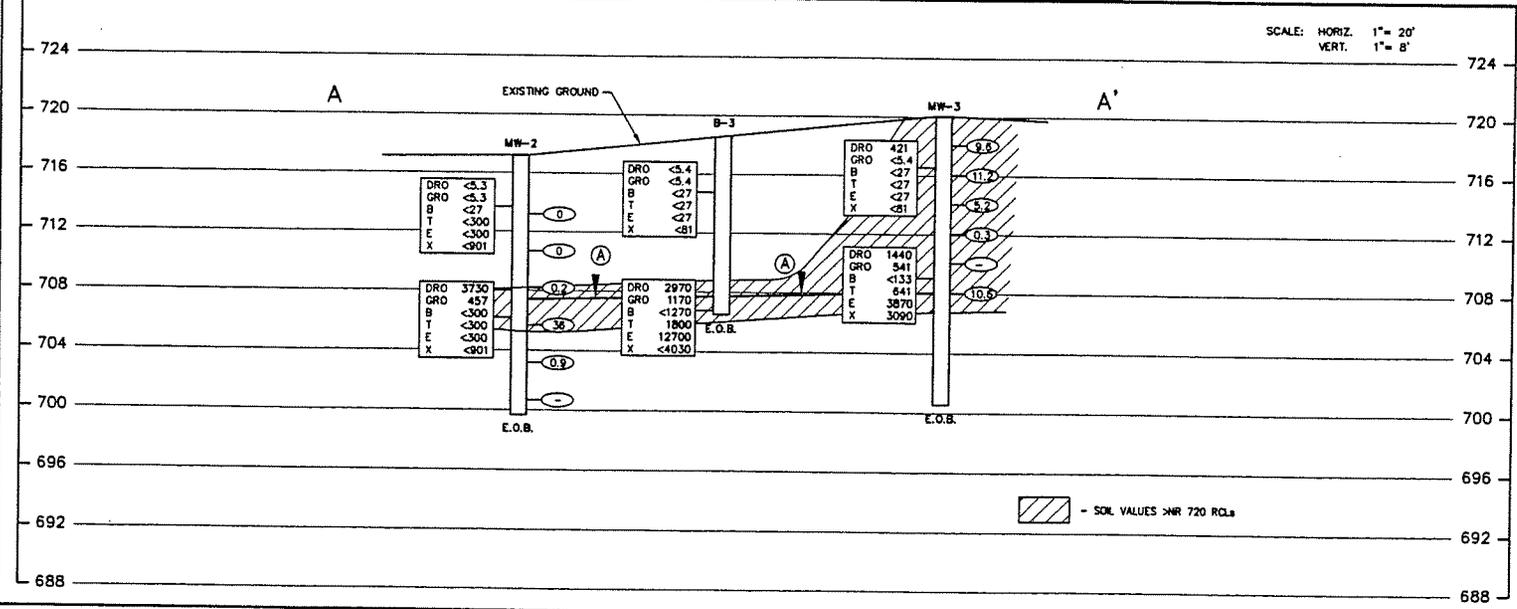
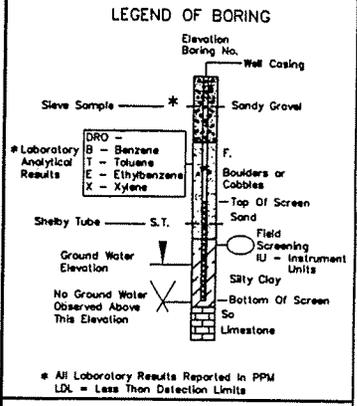
604 Wilson Avenue  
 Menomonie, Wisconsin 54751  
 715-235-9081  
 800-472-7372  
 FAX 715-235-2727  
 www.cedarcorp.com



**ABBREVIATIONS**

F---Fine M---Medium C---Coarse  
 Ws---Weathered So---Sound

**MATERIAL SYMBOLS**

**GEOLOGIC LEGEND**

(A) - BROWN F-C SAND WITH SOME GRAVEL

! GROUNDWATER ELEVATIONS BASED ON SEPT. 23, 1996 DATA

**Cedar Corporation**

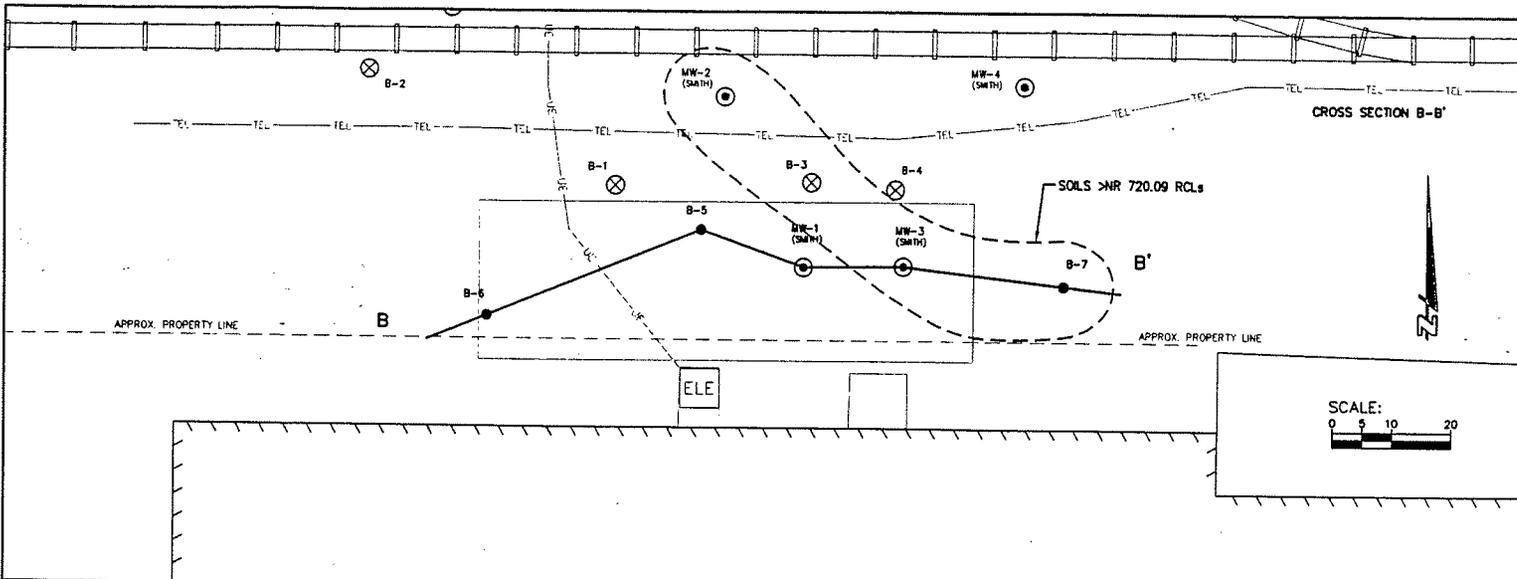
604 Wilson Avenue  
 Waukegan, Wisconsin 54981

713-235-7007  
 800-472-7372  
 FAX 715-235-7727  
 www.cedarcorp.com

**XCEL ENERGY**  
 SMITH BULK PLANT  
 DURAND, WISCONSIN

**CROSS SECTION A-A'**  
 FIGURE 5

Drawn By: KMB	Plans Checked: MAT
Code File: X241_wsl.dwg	Job Number: 0724-241

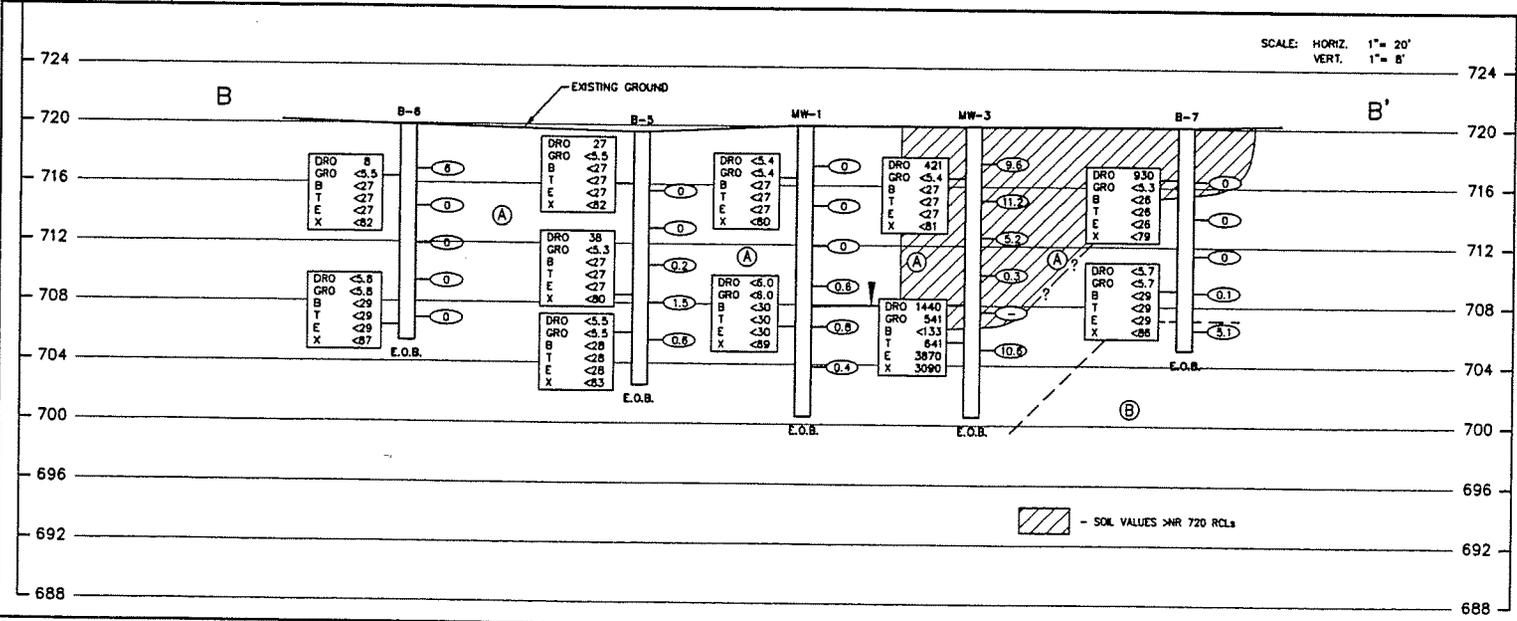
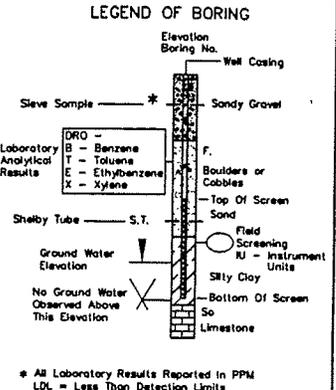


**ABBREVIATIONS**

F---Fine  
M---Medium  
C---Coarse  
Ws---Weathered  
So---Sound

**MATERIAL SYMBOLS**

Topsoil	Silt	Sandstone
Sand	Peat	Limestone
Gravel	Clay	Igneous Rock



- GEOLOGIC LEGEND**
- (A) - BROWN F-C SAND WITH SOME GRAVEL
  - (B) - TAN WEATHERED SANDSTONE BEDROCK
- GROUNDWATER ELEVATIONS BASED ON SEPT. 23, 1996 DATA

**Cedar Corporation**  
604 Milan Avenue  
Monroe, Wisconsin 53571

715-235-8085  
800-472-7272  
715-235-2727  
www.cedarcorp.com

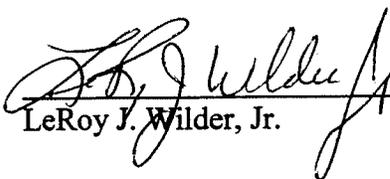
**XCEL ENERGY**  
SMITH BULK PLANT  
DURAND, WISCONSIN

**CROSS SECTION B-B'**  
FIGURE 6

Drawn By: KMB	Plans Checked: MAT
Code File: X241_xsl.dwg	Job Number: 0724-241

LeRoy J. Wilder, Jr., duly authorized representative of Xcel Energy, Inc. in accordance with Ch. 292, Wis. Stats. and Ch. NR726 Wis. Adm. Code, certifies the correct legal description for the property located in the northeast quarter of the northeast quarter of Section 29, Township 25 North, Range 13 West, City of Durand, Pepin County, Wisconsin, is accurately described in that deed recorded in Volume 90 of Records at Page 551 through 557, as Document No. 088611, a copy of which is attached as Exhibit 1.

XCEL ENERGY, INCORPORATED

By:  11-4-02  
LeRoy J. Wilder, Jr.