GIS REGISTRY INFORMATION

SITE NAME:	Phillips 66 Station		
BRRTS #:	03-47-000776	**FID #** (if appropriate):	
COMMERCE # (if appropriate):	54759-0407-00		
CLOSURE DATE:	July 03, 2003		
STREET ADDRESS:	3rd & Lake St		
CITY:	Pepin		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	349104	**Y =**	443085

CONTAMINATED MEDIA:	Groundwater		Soil		Both	X
OFF-SOURCE GW CONTAMINATION >ES:		**Yes**		X	**No**	

• **IF YES, STREET ADDRESS:**	207 Lake St.			
• **GPS COORDINATES** (meters in WTM91 projection):	**X =** ~~349089~~ 349120		**Y =** ~~443401~~ 443043	

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	**Yes**		**No**	X
• **IF YES, STREET ADDRESS 1:**				
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**		**Y =**	
CONTAMINATION IN RIGHT OF WAY:	**Yes**	X	**No**	

DOCUMENTS NEEDED

Closure Letter, and any conditional closure letter issued	X
Copy of most recent deed, including legal description, for all affected properties	X
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	X
County Parcel ID number, *if used for county*, for all affected properties	X
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.	X
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.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	X
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	X
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	X
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	X
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	X
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	X
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	X
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	

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

Wisconsin
Department of Commerce

July 03, 2003

James Cernohous
Phillips 66 Station
N6272 1323rd St
Prescott, WI 54021-7003

RE: **Final Closure**

Commerce # 54759-0407-00 WDNR BRRTS # 03-47-000776
Phillips 66 Station, 3rd & Lake St, Pepin

Dear Mr. Cernohous:

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,

Tim Zeichert
Hydrogeologist
Site Review Section

cc: Ryan Yarrington, Cedar Corporation
Case File

SOIL GIS

Property

Site Information:
James Cernohous
Former Pepin Phillips 66 Station
415 3rd Street
Pepin, WI 54759

Commerce # 54759-0407-00
WDNR BRRTS # 03-47-000776

Legal Description:

Lots Five (5) and Six (6), Block (16), Village of Pepin
SE 1/4, SW 1/4, Section 15, T23N, R15W
Pepin County

Parcel ID #
171-134-62

Geographic Position Coordinates:

WMTM: 349104, 443085

GROUNDWATER GIS

Property

Site Information:
James Cernohous
Former Pepin Phillips 66 Station
415 3rd Street
Pepin, WI 54759

Commerce # 54759-0407-00
WDNR BRRTS # 03-47-000776

Legal Description:

Lots Five (5) and Six (6), Block (16), Village of Pepin
SE 1/4, SW 1/4, Section 15, T23N, R15W
Pepin County

Parcel ID #
171-134-62

Geographic Position Coordinates:
WMTM: 349104, 443085

Additional Affected Property:

207 Lake Street
Pepin, WI

Legal Description:

Lot 3, except a parcel described as follows: Commencing at the Southeast corner of said Lot 3, thence running North 50 feet; thence running West 60 feet; thence South 50 feet; thence East 60 feet to the place of beginning.
Also, Lot 4;
All in Block 16, Village of Pepin, Pepin County, Wisconsin

Parcel ID#
171-133 77.25(17)

Geographic Position Coordinates:
WMTM: 349089,443041

DOCUMENT NO.
097705

WARRANTY DEED

VOL 117 RECORDS PAGE 203

Yem Han, Inc., a Wisconsin Corporation, Grantor, conveys and warrants to **Great River Roasters Inc.**, a Wisconsin Corporation, Grantee, the following described real estate in Pepin County, State of Wisconsin:

Lots Five (5) and Six (6), Block Sixteen (16), Village of Pepin.

Subject to a continuing obligation of James L. Cernohous and Jeannie M. Cernohous to complete petroleum contamination cleanup on the above premises pursuant to an unrecorded Agreement and Addendum dated February 15, 1993, and additional Addendum dated February 26, 1998.

REGISTER'S OFFICE
Pepin County, Wis. } SS.
Received for record, the 4 day of March A.D. 1998, at 9 o'clock A M, and recorded in Vol. 117 of Records on page 203
Monica M. Bauer, Deputy
Register of Deeds
Pd. $10.00 CK. #1950

NAME AND RETURN ADDRESS
PIERCE COUNTY ABSTRACT & TITLE COMPANY, INC.
P.O. BOX 179
ELLSWORTH WI 54011

TRANSFER FEE $256.50 Pd. CK. #1950

This is not homestead property.

Exception to warranties:

All easements, restrictions and rights-of-way of record, if any.

171-134-62
Parcel Identification Number (PIN)

Dated this 26th day of February, 1998.

_____ (SEAL)

_____ (SEAL)

YEM HAN, INC.
By Edna Han Hovde, President (SEAL)
Edna Han Hovde, President

_____ (SEAL)

AUTHENTICATION

Signature(s) _____

_____

authenticated this ___ day of _____, 19___

_____

* _____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY:
Leo A. Beskar, Attorney
RODLI, BESKAR, BOLES & KRUEGER, S.C.
219 North Main Street, P. O. Box 138
River Falls, WI 54022

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
Pierce COUNTY)

Personally came before me this _____ day of February, 1998, the above named **Edna Han Hovde** to me known to be the person who executed the foregoing instrument and acknowledge the same.

Merilee J. Bune

* Merilee J. Bune

Notary Public Pierce County, Wis.
My commission is permanent. (If not, expiration date) November 25, 2001

MERILEE J. BUNE NOTARY PUBLIC STATE OF WISCONSIN

105881

Document Number

WARRANTY DEED

VOL 146 RECORDS PAGE 339

REGISTER'S OFFICE } SS.
Pepin County, Wis.
Received for record, the 9 day of April A.D. 20 02, at 9 o'clock A M, and recorded in Vol. 146 of Records on page 339
Monica A. Bauer, Deputy
Register of Deeds
Fee $11.00 Ck. #1718

This Deed, made between Lisa Marie Doyscher and Robert M. Doyscher, her husband

, Grantor,

nd Remy M. Ceci, a single person, and Melissa S. Smith, a single person, as jointtenants with rights of survivorship

, Grantee.

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

Lot 3, except a parcel described as follows: Commencing at the Southeast corner of said Lot 3, thence running North 50 feet; thence running West 60 feet; thence South 50 feet; thence East 60 feet to the place of beginning.

Also, Lot 4;

All in Block 16, Village of Pepin, Pepin County, Wisconsin

Recording Area

Name and Return Address

Bank of Alma
PO Box 246
Pepin, WI 54759-0246

171-133 77.25(17)
Parcel Identification Number (PIN)

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

This deed is given in completion of that certain land contract between these parties dated 2-1-00 and recorded 2-22-00 in Vol. 128 of Rec., Pgs. 826-827 as Doc. No. 101487, Pepin Co. Records.

Exceptions to warranties: Any liens or encumbrances created or suffered to be created by the acts or defaults of the grantees, and easements, restrictions and rights of way of record.

Dated this 5th day of April, 2002.

Lisa Marie Doyscher (SEAL)
* Lisa Marie Doyscher

Robert M Doyscher (SEAL)
* Robert M Doyscher

(SEAL)
*

(SEAL)
*

AUTHENTICATION

Signature(s) Robert M. Doyscher

authenticated this 1st day of April, 2002

* Roger M. Hillestad
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Atty. Roger M. Hillestad

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

ACKNOWLEDGMENT

State of Wisconsin, } ss.
Pepin County.
Personally came before me this 5th day of April, 2002, the above named Lisa Marie Doyscher and Robert M. Doyscher

Lisa Marie Doyscher to me known to be the person s who executed the foregoing instrument and acknowledge the same.

Shirley L. Seifert
* Shirley L. Seifert
Notary Public, State of Wisconsin
My commission is permanent. (If not, state expiration date: 2/15/04)

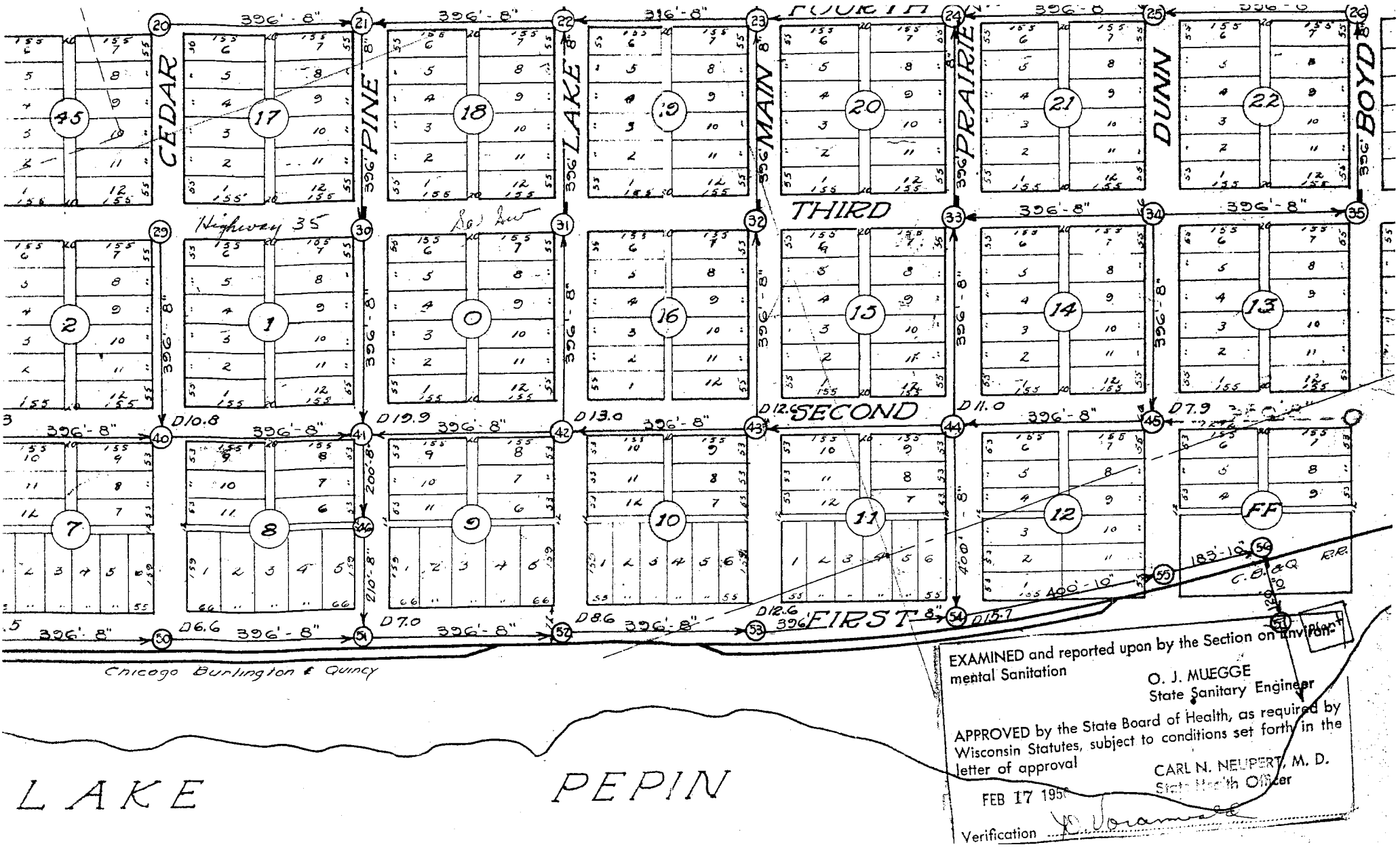
SHIRLEY L. SEIFERT NOTARY PUBLIC State of Wisconsin

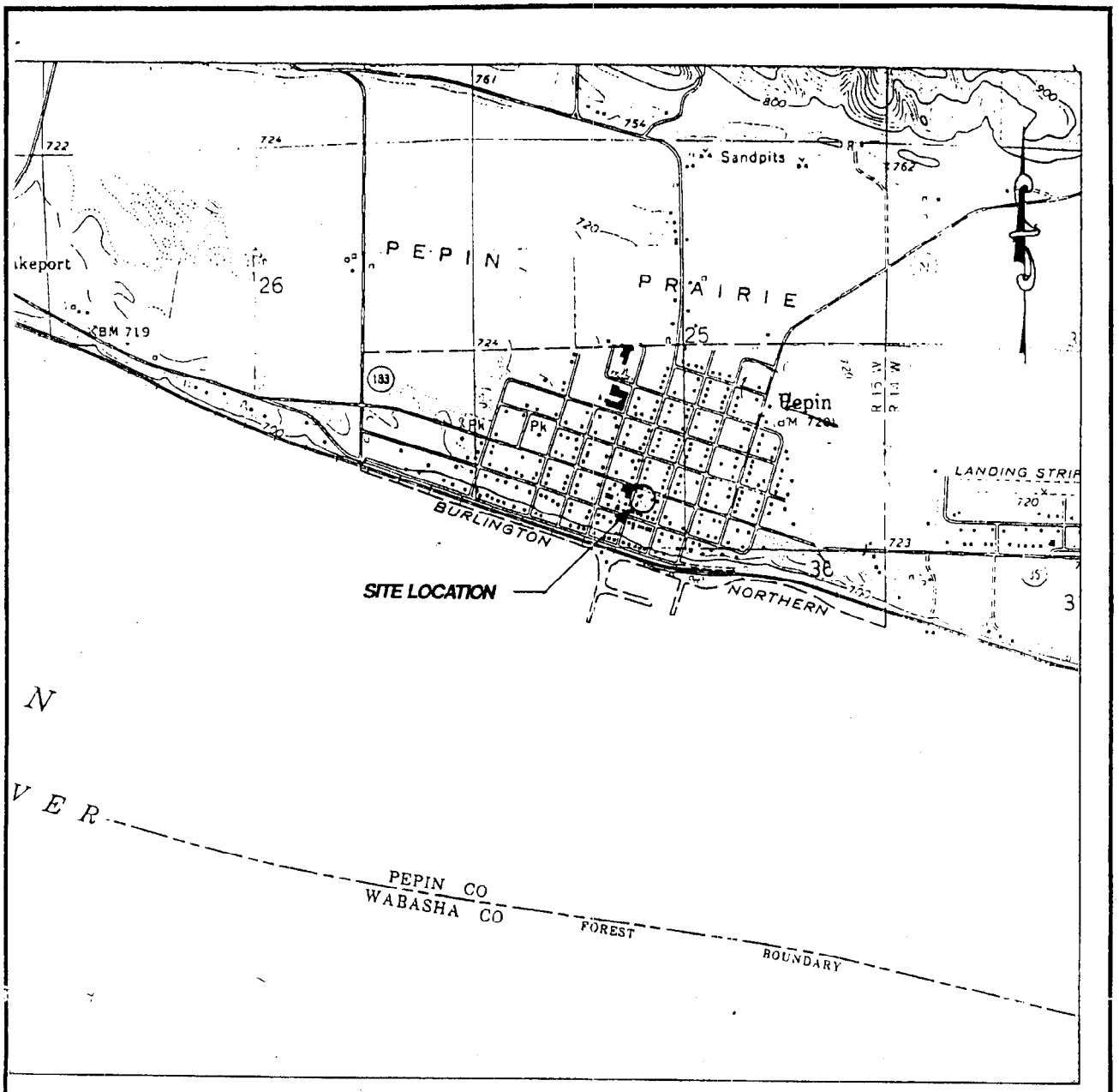
* Names of persons signing in any capacity must be typed or printed below their signature.

WARRANTY DEED

STATE BAR OF WISCONSIN
FORM No. 2 - 1998

Wisconsin Legal Blank Co., Inc.
Milwaukee, Wis.


CEDAR
PINE
LAKE
MAIN
PRAIRIE
DUNN
BOYD
FOURTH
THIRD
SECOND
FIRST
Highway 35
396'-8"
Chicago Burlington & Quincy
C.B.&Q R.R.
LAKE PEPIN
EXAMINED and reported upon by the Section on Environmental Sanitation
O. J. MUEGGE
State Sanitary Engineer
APPROVED by the State Board of Health, as required by Wisconsin Statutes, subject to conditions set forth in the letter of approval
CARL N. NEUPERT, M. D.
State Health Officer
FEB 17 195
Verification



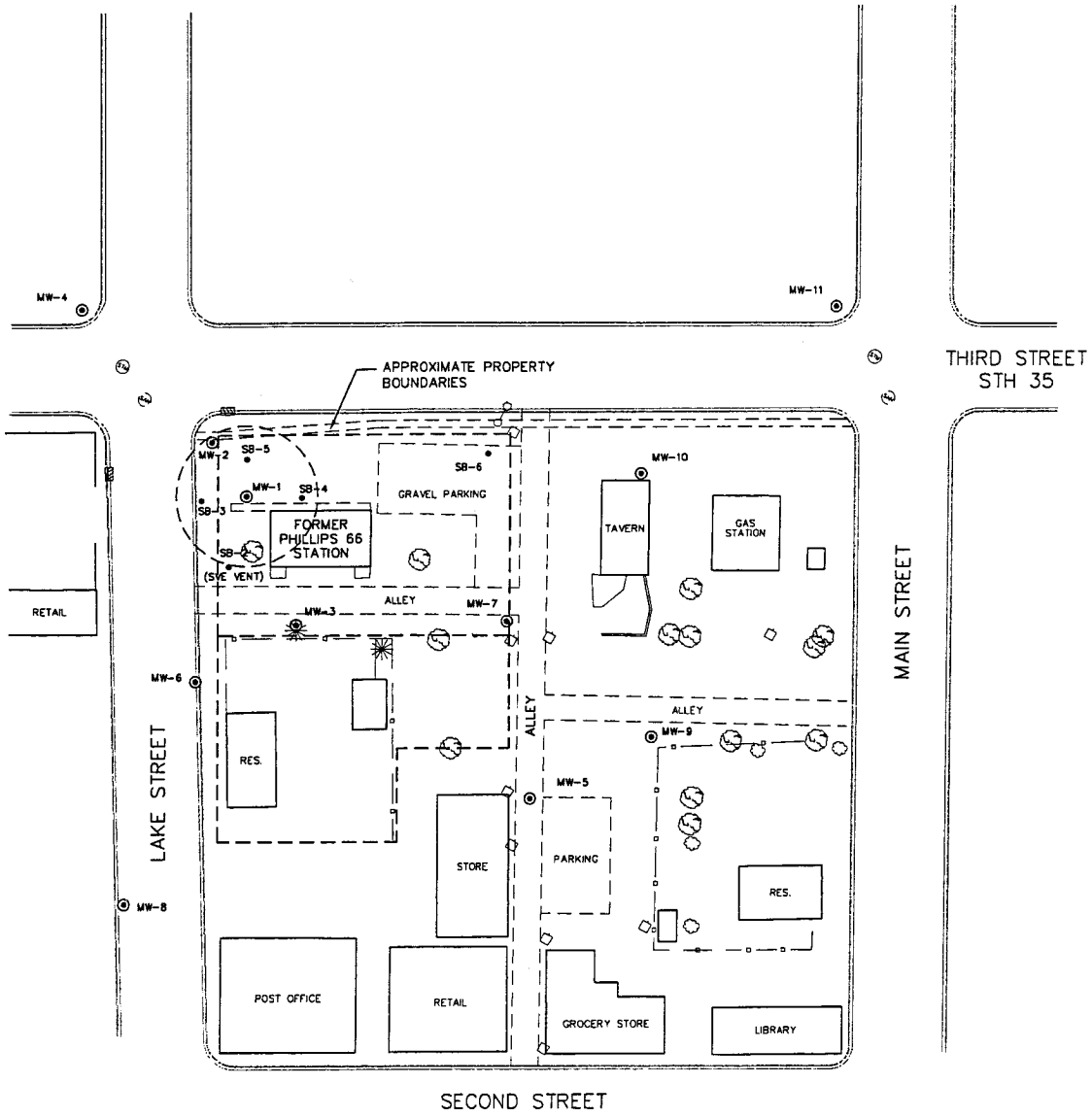
LEGEND
Topography
Contour Interval = 20 ft
Pepin USGS Quadrangle
7.5 Minute Series

architects - engineers - environmental specialists

cedar corporation

land surveyors - planners - landscape architects

DRAWN BY KKM	**SITE LOCATION MAP**	CHECKED BY KKM
DATE 10/31/96	**FORMER PHILLIPS 66 STATION**	JOB NO. 1620-004-60
REVISED BY	**JAMES CERNOHOUS PROPERTY**	FIGURE 1
SCALE 1 : 24,000	**THIRD (HWY 35) AND LAKE STR.** **PEPIN, WI**	



0' 15' 30' 60'
GRAPHIC SCALE

LEGEND

- SB-4 = SOIL BORING NO. 4
- MW-1 = MONITORING WELL NO. 1
- = AREA OF SOIL CONTAMINATION WITH GRO > 10 PARTS PER MILLION BY ANALYSIS IMMEDIATELY ABOVE THE WATER TABLE.

JOB NO.	1620-006
BOOK NO.	CEDAR CORP.
DRAWN BY	PKF
CHECKED BY	EMS
DATE	JAN. 2002
REVISIONS	JAN. 2003
DWG FILE	CERNSITE.DWG

Cedar corporation
604 Wilson Avenue
Menomonie, Wisconsin 54751
715-235-5091
800-472-7372
FAX 715-235-7377
www.cedarcorp.com
engineers, architects, planners, environmental specialists
surveyors, landscape architects, construction managers

PEPIN PHILLIPS 66
PEPIN, WI
SITE FEATURES MAP

SHEET NO.
FIGURE 2

N:\Proj\C1620006\dwg\CernSITE.dwg 01/07/2003 11:14:25 AM CST

TABLE 1
PVOC'S & LEAD GROUND WATER ANALYSIS RESULTS
Cernohous, James
Pepin Phillips 66 Station

Date Sampled	GWE, ft	Product Thick-ness, 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	Naphtha-lene ug/L PAL=8 ES=40	Benzene ug/L PAL=0.5 ES=5	Ethyl-benzene 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
Monitoring Well 1	GSE:				TOC: 721.13		TOS: 721.13		BOC: 721.13		Total Depth:		Screen Length		
10/15/1992	668.89		31000		0.033				6300	810	<50	7300	530	660	4000
12/14/1992	668.26								5750	752	<50	11900	727	150	6080
03/15/1993	667.53		31000						5800	1100	<200	13000	990	<200	6100
03/15/1993									5900	1100	<200	13000	930	<200	6400
06/15/1993	672.47								6800	1300	<500	15000	1200	150	8700
06/15/1993			39000						7500	1200	<500	16000	1100	140	8100
09/28/1993	669.86		66000						12000	2000	<500	29000	1400	<500	10000
09/28/1993									9900	1600	<500	22000	860	<500	8100
03/14/1994	668.98								1200	250	<50	2300	350	160	1600
09/22/1994	670.38								1300	380	<20	2700	510	170	2200
02/13/1995	667.30		8600						380	1900	<1.0	2500	470	140	1900
06/28/1995	663.72		640						98	32	<4.0	120	36	12	150
10/10/1995	669.53		18000						940	450	<100	2400	770	290	2400
05/23/1996	672.16		5800						620	340	<20	830	340	120	1200
08/15/1996	667.93		37000*						3300	2200	<200	12000	2100	520	1300
01/03/1997	668.27		5530						348	300	<20	1220	323	94.1	951
03/27/1997	670.03	0	30000						3460	2090	<100.0	7900	2050	544	11200
07/30/1997	671.51	0	7050						670	432	<100	1046	443	106	1799
05/04/1998	670.18	0	7500						380	500	<5.0	670	720	160	2000
07/15/1998	669.79	0	4400						260	350	<1.6	350	340	110	990
10/22/1998	667.75	0	1500						49	67	1.5	250	99	24	390
04/29/1999	671.62	0	850						54	62	<0.80	5.1	82	21	180
07/28/1999	669.61	0	5600						57	270	<0.80	290	480	140	1600
07/26/2001	668.85	0	4900						8.0	160	<1.6	64	440	110	950

Date Sampled	GWE, ft	Product Thick-ness, 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	Naphtha-lene ug/L PAL=8 ES=40	Benzene ug/L PAL=0.5 ES=5	Ethyl-benzene 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
Monitoring Well 1	GSE:				TOC: 721.13		TOS: 721.13		BOC: 721.13		Total Depth:		Screen Length		
10/03/2001	667.64	0	5800					160	16	200	<1.6	110	590	160	1800
01/10/2002	667.91		2100						3.7	120	<1.6	33	220	50	610
04/10/2002	668.84	0	1000						1.8	59	<0.66	2.0	95	23	76
07/24/2002	670.67		1900						2.4	130	<0.80	11	250	45	370
04/01/2003	668.85							110	0.92	180	<0.46	28	300	65	840
Monitoring Well 2	GSE:				TOC: 720.44		TOS: 720.44		BOC: 720.44		Total Depth:		Screen Length		
10/15/1992	668.86		4400		0.006				750	140	<10	1300	320	310	1300
10/15/1992			29000	2.7	0.062				350	1100	<25	2300	2100	2600	6400
12/14/1992									1780	1660	<200	6080	2500	530	11800
12/14/1992	668.26								2010	1720	<200	6380	2510	543	12200
03/15/1993	667.54		28000						1700	790	<200	3600	2000	<200	6600
06/15/1993	672.47		24000						3600	660	<500	6100	1100	240	5700
09/28/1993	669.87		29000						2200	780	<100	6200	2300	530	6300
03/14/1994	668.95								800	350	<50	3700	590	260	2800
03/14/1994									830	370	<50	4000	600	260	3000
09/22/1994	670.30								580	330	<10	1300	600	220	2100
02/13/1995	667.31		7500						43	160	<1.0	380	460	160	1500
06/28/1995	663.75		37000						520	1700	<80	3900	3600	1000	11000
06/28/1995									780	2500	<200	6500	3900	1100	15000
10/10/1995	669.48		78000						<400	2400	<1000	3400	4300	1700	15000
05/23/1996	672.14		21000						140	340	<20	540	800	230	2100
08/15/1996	667.94		34000*						110	12000	<100	1400	3700	1500	5900
01/03/1997			24100						174	1020	<100	1880	3130	827	4350
01/03/1997	668.26		24700						196	1070	<100	1990	3330	880	4520
03/27/1997	669.99	0	40100						<250.0	1950	<500.0	4520	6060	1610	12830
07/30/1997	671.49	0	40700						85.5	793	<50	951	5373	1484	5749
05/04/1998	670.17	0	35000						85	550	<35	760	2700	800	3900
07/15/1998	669.79	0	12000						23	170	<6.4	300	1100	320	1500

Date Sampled	GWE, ft	Product Thick-ness, 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	Naphtha-lene ug/L PAL=8 ES=40	Benzene ug/L PAL=0.5 ES=5	Ethyl-benzene 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
Monitoring Well 2	GSE:				TOC: 720.44		TOS: 720.44		BOC: 720.44		Total Depth:		Screen Length		
10/22/1998	667.75	0	11000						9.7	58	<6.4	150	620	660	1100
04/29/1999	671.70	0	11000						58	110	<16	270	1100	380	2200
07/28/1999	669.59	0	11000						17	83	<3.2	150	590	190	960
02/07/2000	667.38	0	3200						<1.3	<2.2	<1.6	95	260	110	1100
07/24/2000	669.23	0	660						<0.50	0.91	<0.55	2.7	29	13	61
04/09/2001	670.49	0	1400						<0.17	3.1	<0.16	7.1	110	45	250
07/26/2001	668.88	0	550						<0.92	1.4	<0.16	1.3	35	14	47
10/03/2001	667.64	0	2600					50	<0.34	3.3	<0.40	3.2	190	59	230
01/10/2002	667.92		1300						<0.50	1.4	<0.78	0.88	83	28	61
04/10/2002	668.81	0	1400						<0.49	2.2	<0.47	16.	120	45	100
07/24/2002	670.67		650						<0.13	1.5	<0.16	0.85	64	25	69
04/01/2003	668.84							51	<0.25	0.71	1.8	0.27	72	30	71
Monitoring Well 3	GSE:				TOC: 724.32		TOS: 724.32		BOC: 724.32		Total Depth:		Screen Length		
10/15/1992	668.86								320	1300	<50	2600	2300	2800	7500
12/14/1992	668.11								2900	1860	<50	2920	882	287	8260
03/15/1993	667.47		40000						9300	1200	<200	11000	640	<200	5600
06/15/1993	672.41		20000						6000	660	<500	2900	490	160	3800
09/28/1993	669.74		88000						21000	2200	<1000	33000	1400	<1000	11000
03/14/1994	668.95								5900	850	<100	6700	480	220	3900
09/22/1994	670.46								4500	340	<50	4900	180	69	1700
09/22/1994									4400	320	<50	4900	190	76	1600
02/13/1995	667.23		13000						3700	600	<20	2100	310	110	2100
06/28/1995	663.60		39000						9200	1800	<400	11000	1300	350	7500
10/10/1995	669.56		29000						5800	1300	<500	<350	650	<350	4800
05/23/1996	672.08		13000						3200	770	<100	3100	510	390	2100
08/15/1996	667.82		51000*						5300	1400	<100	9100	1100	440	5800
01/03/1997	668.18		17600						3070	1070	44.5	4690	665	185	2580
03/27/1997	670.05	0	13000						3090	784	<25.0	3920	520	98.3	2955

Date Sampled	GWE, ft	Product Thick-ness, 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	Naphtha-lene ug/L PAL=8 ES=40	Benzene ug/L PAL=0.5 ES=5	Ethyl-benzene 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
Monitoring Well 3	GSE:		TOC: 724.32		TOS: 724.32		BOC: 724.32		Total Depth:		Screen Length				
07/30/1997	671.50	0	19700						3438	1015	<20	4992	735	159	4454
01/28/1998	667.61	0	46000						6000	1500	23	8800	1300	360	8700
05/04/1998	670.02	0	5500						1200	420	<5.0	110	300	53	990
07/15/1998	669.67	0	4600						740	380	<5.5	280	180	54	740
10/22/1998	667.68	0	17000						2700	990	10	3800	760	190	4700
04/29/1999	671.56	0	5100						970	110	<1.6	49	390	85	820
07/28/1999	669.52	0	5700						1000	460	<1.6	100	330	78	880
10/11/1999	667.77	0	20000						1400	920	<3.2	2400	1100	270	5400
02/07/2000	667.32	0	2100						390	210	<3.2	89	120	15	230
04/17/2000	667.73		10000						1000	760	<4.6	620	740	120	2600
07/24/2000	669.09	0	17000						1100	820	<3.8	1600	1500	460	4400
10/30/2000	667.21	0	6100						470	280	<3.2	800	450	97	1800
04/09/2001	670.75	0	5300						410	430	<0.80	150	380	77	860
07/26/2001	668.71	0	6100						160	430	<3.2	290	490	140	1700
10/03/2001	667.54	0	18000					360	690	920	<3.2	2200	1300	360	5500
01/10/2002	667.84		11000						450	640	<4.8	760	910	230	3000
04/10/2002	668.80	0	6900						250	410	<0.80	640	470	90	1500
07/24/2002	670.58		570						20	62	<0.32	1.8	43	6.8	16
04/01/2003	668.81							170	160	390	<7.3	280	620	170	2100
Monitoring Well 4	GSE:		TOC: 720.14		TOS: 720.14		BOC: 720.14		Total Depth:		Screen Length				
09/22/1994	670.56		<50	<0.1	<0.015				<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
10/25/1994	670.20		<50	<0.1					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
02/13/1995	667.80		<50						<0.4	<0.8	<1.0	<0.6	<0.7	<0.7	<1.3
06/28/1995	664.18		<50						<1.0	<1.0	<4.0	<1.0	2.3	<1.0	<2.0
10/10/1995	669.76		<50						<0.4	<0.8	<1.0	<0.6	<0.7	<0.7	<1.3
05/23/1996	672.48		<50						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
08/15/1996	668.35		81*						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
01/03/1997	668.64		<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Date Sampled	GWE, ft	Product Thick-ness, 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	Naphtha-lene ug/L PAL=8 ES=40	Benzene ug/L PAL=0.5 ES=5	Ethyl-benzene 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
Monitoring Well 4	GSE:				TOC: 720.14		TOS: 720.14		BOC: 720.14		Total Depth:		Screen Length		
03/27/1997	670.20	0	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
07/30/1997	671.81	0	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0
07/15/1998	670.20	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/28/1999	669.95	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/24/2000	669.63	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/26/2001	669.30	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
Monitoring Well 5	GSE:				TOC: 721.59		TOS: 721.59		BOC: 721.59		Total Depth:		Screen Length		
09/22/1994	670.57		270	0.40	<0.015				2.9	<1.0	<1.0	<1.0	2.2	8.3	38
10/25/1994	669.92		<50	0.14					2.7	<1.0	<1.0	<1.0	<1.0	<1.0	2.1
02/13/1995	667.22		270						1.4	<0.8	<1.0	<0.6	4.8	4.9	28
06/28/1995	663.55		<50						1.4	<1.0	<4.0	<1.0	<1.0	<1.0	<2.0
10/10/1995	669.61		59						0.9	<0.8	<1.0	<0.6	<0.7	<0.7	<1.3
05/23/1996	672.09		<50						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
08/15/1996	667.79		<50						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
01/03/1997	668.18		69.1						0.7	<1.0	<1.0	<1.0	<1.0	<1.0	1.4
03/27/1997	670.10	0	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
07/30/1997	671.54	0	114						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	4.67
01/28/1998	667.61	0	<50						0.67	<0.28	<0.11	<0.24	<0.36	<0.27	<0.89
05/04/1998	669.95	0	<50						0.15	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/15/1998	669.59	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	0.41
10/22/1998	667.68	0	150						1.3	<0.22	<0.16	<0.20	0.42	<0.29	0.48
07/28/1999	669.50	0	91						<0.13	<0.22	<6.0	0.40	0.30	<0.29	0.52
07/24/2000	669.07	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/26/2001	668.62	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
10/03/2001	667.51	0	<50					<0.46	<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
01/10/2002	667.82		<50						1.1	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
04/10/2002	668.82	0	56						0.44	<0.22	<0.16	<0.20	0.40	0.44	0.46
07/24/2002	670.52		54						<0.13	<0.22	<0.16	<0.20	0.43	<0.29	0.26

Date Sampled	GWE, ft	Product Thick-ness, 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	Naphtha-lene ug/L PAL=8 ES=40	Benzene ug/L PAL=0.5 ES=5	Ethyl-benzene 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
Monitoring Well 5	GSE:				TOC: 721.59		TOS: 721.59		BOC: 721.59		Total Depth:		Screen Length		
04/01/2003	668.79							<0.50	<0.25	<0.22	<0.23	<0.11	<0.25	<0.19	<0.39
Monitoring Well 6	GSE:				TOC: 720.68		TOS: 720.68		BOC: 720.68		Total Depth:		Screen Length		
09/22/1994	670.54		830	0.71	<0.0015				61	20	<1.0	5.5	4.6	<1.0	210
10/25/1994	669.92		910	0.23					77	11	<1.0	2.1	4.1	<1.0	180
10/25/1994									85	12	<1.0	2.4	4.8	<1.0	210
02/13/1995	667.23		<50						1.8	<0.8	<1.0	<0.6	<0.7	<0.7	<1.3
06/28/1995	663.54		<50						1.2	<1.0	<4.0	<1.0	<1.0	<1.0	<2.0
10/10/1995	669.66		140						5.4	<0.8	<1.0	1.6	1.5	<0.7	23
05/23/1996	672.13		<50						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
08/15/1996	667.86		<50						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
01/03/1997	668.24		<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
03/27/1997	670.13	0	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
07/30/1997	671.57	0	58.9						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	2.43
01/28/1998	667.66	0	<50						<0.15	<0.28	<0.11	<0.24	<0.36	<0.27	<0.89
05/04/1998	669.98	0	51						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/15/1998	669.65	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	0.32
10/22/1998	667.73	0	<50						0.20	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
04/29/1999	671.53	0	51						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	0.74
07/28/1999	669.51	0	<50						<0.13	0.34	<0.16	1.0	1.0	0.39	1.6
02/07/2000	667.32	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/24/2000	669.10	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
10/30/2000	667.24	0	<50						0.16	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
04/09/2001	670.89	0	<50						0.14	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/26/2001	668.64	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
10/03/2001	667.51	0	<50					<0.46	<0.13	<0.22	<0.16	2.1	<0.22	<0.29	0.39
01/10/2002	667.78		<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
04/10/2002	668.79	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/24/2002	670.53		140						<0.13	<0.22	<0.16	3.8	0.67	<0.29	0.69

Date Sampled	GWE, ft	Product Thick-ness, 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	Naphtha-lene ug/L PAL=8 ES=40	Benzene ug/L PAL=0.5 ES=5	Ethyl-benzene 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
Monitoring Well 7		GSE:			TOC: 721.42		TOS: 721.42		BOC: 721.42		Total Depth:		Screen Length		
09/22/1994	670.44		790	0.19	<0.0015				170	40	<1.0	90	17	9.3	180
10/25/1994	669.89		840	0.18					290	24	<1.0	33	29	22	190
02/13/1995	667.23		5600						1400	340	<1.0	200	150	99	<1.0
06/28/1995	663.58		5800						1600	280	<20.0	430	130	120	1300
10/10/1995	669.51		2100						430	99	<20	32	<14	69	180
05/23/1996	672.07		440						95	28.0	<1.0	4.3	1.3	13	15.0
08/15/1996	667.82		5300*						1300	410	<20	500	150	160	1500
01/03/1997	668.17		3670						794	386	<10	114	117	127	460
03/27/1997	670.06	0	4850						1180	475	<25.0	1120	100	79.6	1229
07/30/1997	671.48	0	1370						221	118	<1.0	14.4	<1.0	6.23	65.5
01/28/1998	667.60	0	800						190	110	2.5	11	3.8	25	71
05/04/1998	670.01	0	960						190	98	<0.50	12	1.4	21	45
07/15/1998	669.64	0	1800						330	160	<0.60	50	28	56	220
10/22/1998	667.66	0	580						95	58	2.1	2.4	7.8	14	46
04/29/1999	671.55	0	490						78	18	<0.16	0.81	6.1	14	12
07/28/1999	669.50	0	1300						210	130	<0.80	18	40	46	180
10/11/1999	667.75	0	450						69	24	<0.21	2.0	19	6.7	38
02/07/2000	667.30	0	3300						85	180	<1.6	470	240	60	970
04/17/2000	667.71		9100						290	530	<1.0	1400	570	170	2600
07/24/2000	669.08	0	2000						130	170	<1.6	61	160	17	430
04/09/2001	670.76	0	1900						120	190	<0.16	31	130	29	290
07/26/2001	668.69	0	600						25	11	<0.32	2.1	36	12	59
10/03/2001	667.51	0	1800					72	22	200	<0.59	130	140	46	590
01/10/2002	667.82		4000						25	330	<1.8	110	330	72	1100
04/10/2002	668.79	0	4800						56	460	<0.80	62	440	52	880
07/24/2002	670.55		1600						8.4	180	<0.80	21	140	30	290
04/01/2003	668.79							140	18	300	<0.46	66	270	55	900

Date Sampled	GWE, ft	Product Thick-ness, 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	Naphtha-lene ug/L PAL=8 ES=40	Benzene ug/L PAL=0.5 ES=5	Ethyl-benzene 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
Monitoring Well 8	GSE:				TOC: 721.46		TOS: 721.46		BOC: 721.46		Total Depth:		Screen Length		
06/28/1995	663.46		<50		<0.003	<0.5	<4.0	<1.6	<0.4	<1.0	<1.0	<0.6	<0.7	<0.7	<1.3
10/10/1995	669.71		<50		<0.003				<0.5	<0.8	<1.0	<0.6	<0.7	<0.7	<1.3
05/23/1996	672.10		<50						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
05/23/1996									<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
08/15/1996	667.74		<50						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
08/15/1996			<50						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
01/03/1997	668.15		<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
03/27/1997	670.19	0	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
07/30/1997	671.58	0	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	1.27
07/15/1998	669.52	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	0.31
07/24/2000	669.00	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/26/2001	668.53	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
Monitoring Well 9	GSE:				TOC: 724.28		TOS: 724.28		BOC: 724.28		Total Depth:		Screen Length		
06/28/1995	663.50		<50	<0.11	<0.003	<0.5	<4.0	<1.6	<0.4	<0.8	<1.0	<0.6	<0.7	<0.7	<1.3
10/10/1995	669.57		<50						<0.4	<0.8	<1.0	<0.6	<0.7	<0.7	<1.3
05/23/1996	672.05		<50						<1.0	<1.0	<1.0	5.2	<1.0	<1.0	<1.0
08/15/1996	667.73		<50*						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
01/03/1997	668.12		<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
03/27/1997	670.02	0	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
07/30/1997	671.47	0	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	2.32
05/04/1998	669.90	0	<50						<0.13	<0.22	<0.30	<0.20	<0.22	<0.29	<0.23
07/15/1998	669.59	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
10/22/1998	667.59	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
04/29/1999	671.56	0	<50						0.17	0.27	<0.16	<0.20	<0.22	<0.29	1.9
04/09/2001	671.02	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/26/2001	668.80	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
10/03/2001	667.67	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
01/10/2002	667.99		<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23

Date Sampled	GWE, ft	Product Thick-ness, 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	Naphtha-lene ug/L PAL=8 ES=40	Benzene ug/L PAL=0.5 ES=5	Ethyl-benzene 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
Monitoring Well 9	GSE:				TOC: 724.28		TOS: 724.28		BOC: 724.28		Total Depth:		Screen Length		
04/10/2002	668.99	0	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/24/2002	670.71		<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23

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

Date Sampled	GWE, 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	Naphtha-lene ug/L PAL=8 ES=40	Benzene ug/L PAL=0.5 ES=5	Ethyl-benzene ug/L PAL=140 ES=700	MTBE ug/L PAL=12 ES=60	Toluene ug/L PAL=200 ES=1000	1,2,4-TMB ug/L PAL=96* ES=480*	1,3,5-TMB ug/L PAL=96* ES=480*	Xylenes ug/L PAL=1000 ES=10,000
Monitoring Well 10														
11/17/1995	670.30	<50	<0.10					<0.5	<0.8	<1.0	<0.6	<0.7	<0.7	<1.3
11/17/1995		NA						<0.5	<0.8	<1.0	<0.6	<0.7	<0.7	<1.3
05/23/1996	672.12	<50						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
08/15/1996	667.92	<50*						<1.0	<1.0	<1.0	<1.0	<1.0	3.2	<1.0
01/03/1997	668.24	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
03/27/1997	669.98	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
07/30/1997	671.49	58.0						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	2.19
07/15/1998	669.76	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	0.23
07/26/2001	668.86	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
Monitoring Well 11														
11/17/1995	670.32	<50	<0.10					<0.5	<0.8	<1.0	<0.6	<0.7	<0.7	<1.3
05/23/1996	672.08	540*						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
08/15/1996	667.94	<50						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
01/03/1997	668.22	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
03/27/1997	669.87	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
07/30/1997	671.41	<50						<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	1.47
07/15/1998	669.81	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23
07/26/2001	668.89	<50						<0.13	<0.22	<0.16	<0.20	<0.22	<0.29	<0.23

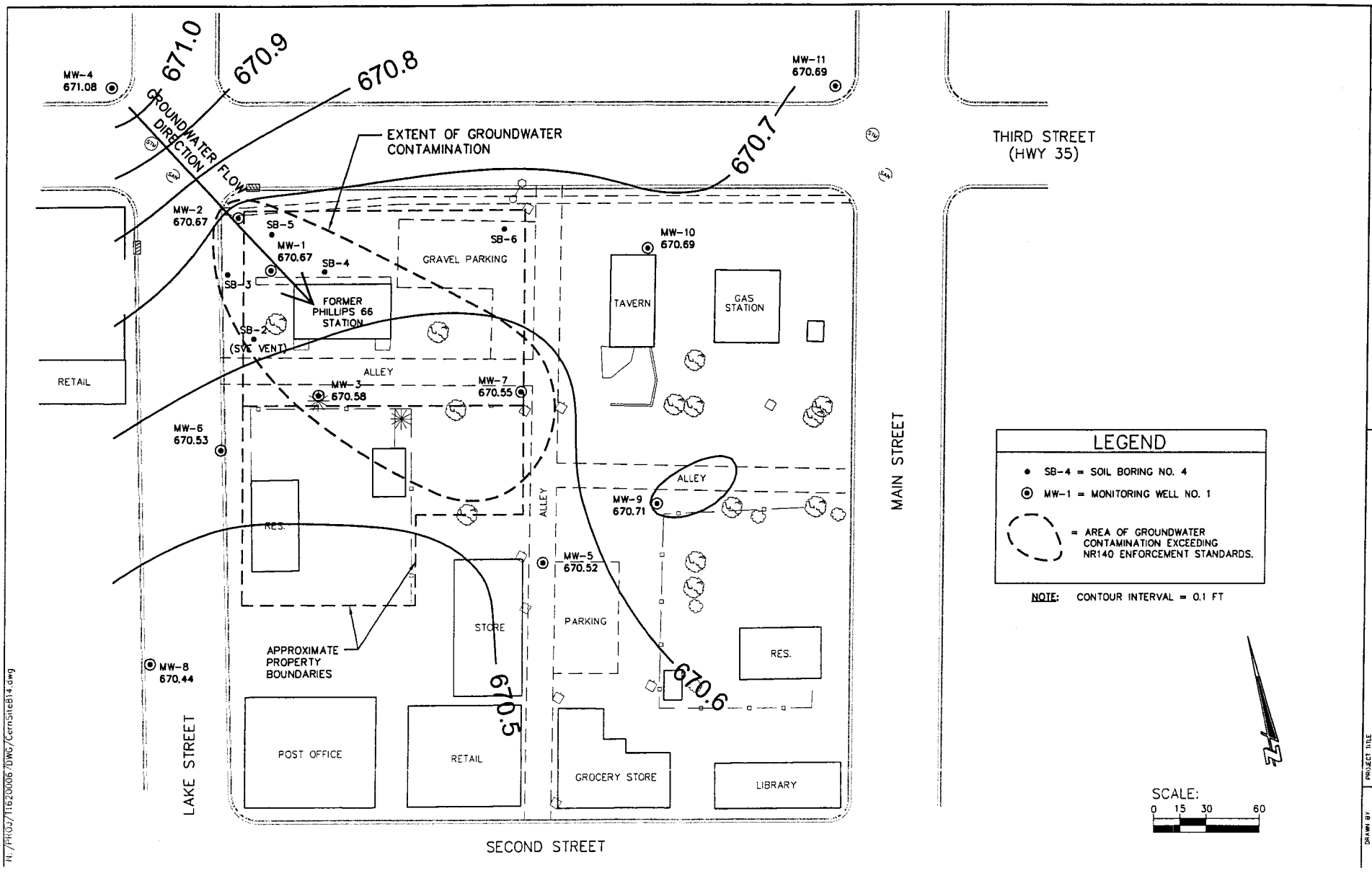
TABLE 3
SOIL SAMPLE ANALYTICAL RESULTS
James Cernohous
FORMER PEPIN PHILLIPS 66

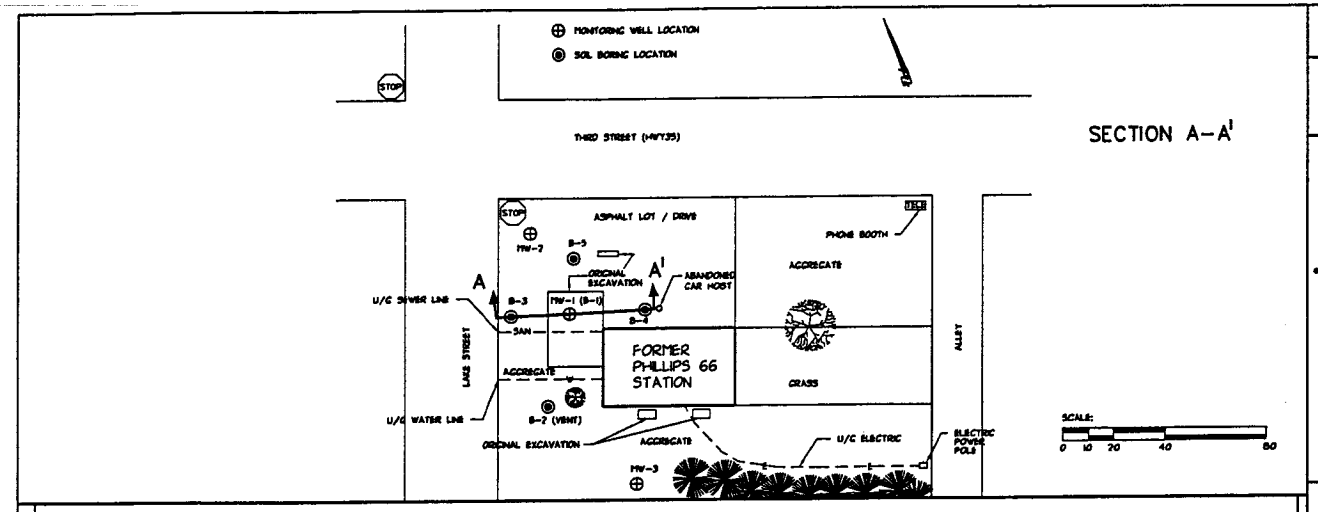
SAMPLE ID	SAMPLE DEPTH	SAMPLE DATE	PID (IU)	LEAD (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	Petroleum Product Constituents (ug/Kg or ppb)						
							Benzene	Toluene	EthylBenzene	Xylenes	MTBE	1,2,4 -TMB	1,3,5 - TMB
B-2-1	42.5-44.5	10/9/1992	875	4.7	<10		<2	<2	<2	<2	<2	<2	<2
B-2-2	50-52	10/9/1992	149	<4	<10		<2	<2	<2	<2	<2	<2	<2
B-3-1	45.5-47.5	10/12/1992	542	<4	<10		<2	<2	<2	<2	<2	<2	<2
B-3-2	52.5-54.5	10/12/1992	1252	<4	<10		**19**	12	50	49	<2	19	3.9
B-4-1	30-32	10/13/1992	6945	<4	**6600**		**2500**	**370000**	**130000**	**890000**	**<2500**	**370000**	**100000**
B-4-2	54.5-56.5	10/13/1992	2851	<4	22		<2	3	<2	8.1	<2	24	<2
B-5-1	42.5-44.5	10/13/1992	334	<4	<10		<2	2.6	<2	6.4	<2	5.7	<2
B-5-2	54.5-56.5	10/13/1992	4531	<4	**6500**		**52000**	**630000**	**140000**	**890000**	**<2600**	**320000**	**140000**
MW-1-1	10-12	10/8/1992	5648	4.49	**2100**		**<2500**	**48000**	**28000**	**470000**	**<2500**	**500000**	**140000**
MW-1-2	25-27	10/8/1992	6217	<4	**150**		**<1500**	**120000**	**52000**	**380000**	**<1500**	**120000**	**250000**
MW-1-3	52.5-54.5	10/8/1992	3021	4.45	11		<2	<2	<2	<2	<2	<2	<2
MW-2-1	45-47	10/13/1992	611	<4	<10		<2	1.8	<2	3.9	<2	4	<2
MW-2-2	55-57	10/13/1992		<4	37		3.4	13	6	32	<2	16	<2
MW-3-1	40-42	10/14/1992	6030	<4	<10		<2	7.1	3.1	14	<2	<2	<2
MW-3-2	55-57	10/14/1992	730	<4	<10		**15**	14	<2	9.2	<2	<2	<2
MW-4	55-57	8/22/1994	0	<8	<10	<10	<25	<25	<25	<25	<25	<25	<25
MW-5	55-57	8/22/1994	0	<8	<10	<10	<25	<25	<25	<25	<25	<25	<25
MW-6	55-57	8/22/1994	0	<8	<10	<10	<25	<25	<25	<25	<25	<25	<25
MW-7	55-57	8/22/1994	58.6	<8	<10	<10	<25	<25	<25	40*	<25	<25	34*
SB-6	50-52	6/22/1995	6410	1.6	**680**	**360**	<0.5	20	9.2	61	<2	22	69
MW-8	50-52	6/22/1995	0	1.3	<5	<10	<25	<25	<25	<25	<25	<25	<25
MW-9	55-57	6/22/1995	0	1.6	<5	<10	<25	<25	<25	<25	<25	<25	<25
MW-10	54-56	11/7/1995	0	1.7	<5	<10	<25	<25	<25	<25	<25	<25	<25
MW-11	55-57	11/7/1995	0	2	<5	<10	<25	<25	<25	<25	<25	<25	<25

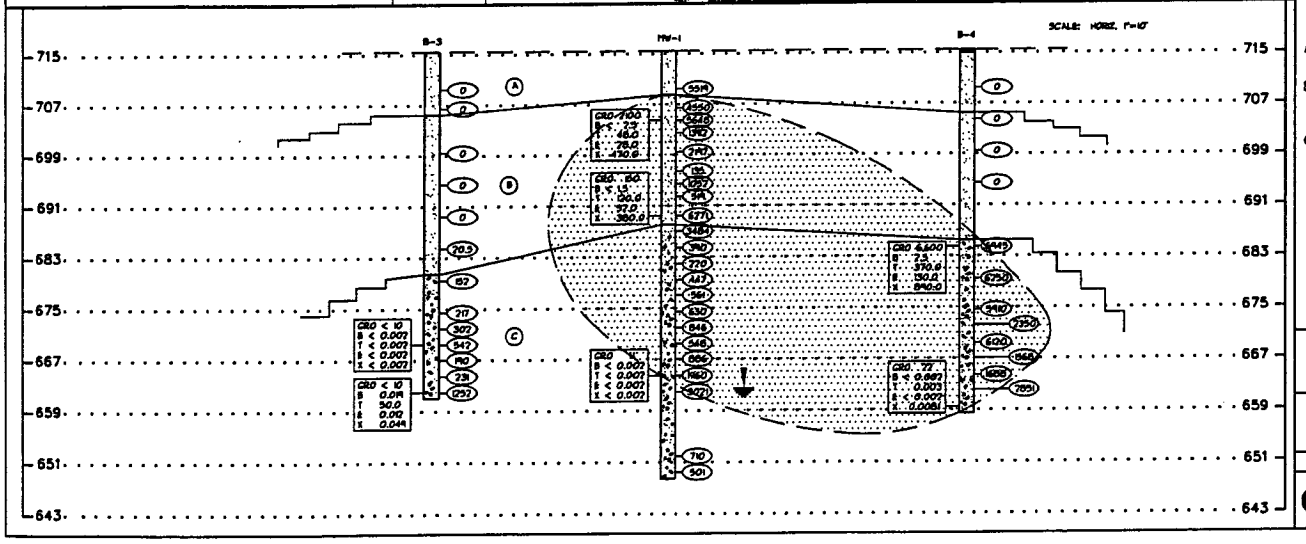
MTBE = methyl-tert-butyl-ether
1,2,4 - TMB 1,2,4 - trimethylbenzene
1,3,5 - TMB 1,3,5 - trimethylbenzene

mg/Kg = milligrams per kilogram (ppm)
ug/Kg = micrograms per Kilogram (ppb)
IU = photoionization detector instrument units

blank = not analyzed
bold = value exceeds 1/1997 NR 720 Residual Contaminant Level
*= analyses not confirmed


671.0
670.9
670.8
670.7
670.6
670.5
GROUNDWATER FLOW DIRECTION
EXTENT OF GROUNDWATER CONTAMINATION
MW-4 671.08
MW-11 670.69
MW-2 670.67
MW-1 670.67
MW-10 670.69
MW-3 670.58
MW-7 670.55
MW-6 670.53
MW-9 670.71
MW-5 670.52
MW-8 670.44
SB-1
SB-2 (SVE VENT)
SB-3
SB-4
SB-5
SB-6
GRAVEL PARKING
FORMER PHILLIPS 66 STATION
ALLEY
TAVERN
GAS STATION
RETAIL
RES.
STORE
PARKING
POST OFFICE
GROCERY STORE
LIBRARY
APPROXIMATE PROPERTY BOUNDARIES
LAKE STREET
SECOND STREET
MAIN STREET
THIRD STREET (HWY 35)
LEGEND
SB-4 = SOIL BORING NO. 4
MW-1 = MONITORING WELL NO. 1
= AREA OF GROUNDWATER CONTAMINATION EXCEEDING NR140 ENFORCEMENT STANDARDS.
NOTE: CONTOUR INTERVAL = 0.1 FT
SCALE:
0 15 30 60
N:/PROJ/T1620006/DWG/CernSite814.dwg
CHECKED BY RJY
JOB NO. C1620006
FIGURE 2
Cedar corporation
604 Wilson Avenue
Menomonie, Wisconsin 54751
715-235-9081
800-472-7372
FAX 715-235-2727
www.cedarcorp.com
engineers • architects • planners • environmental specialists
land surveyors • landscape architects • interior designers
PROJECT TITLE
PEPIN PHILLIPS "66"
JAMES CERNOHOUS
PEPIN, WISCONSIN
SITE MAP
DRAWN BY KAT
DATE JAN 2003
REFERENCE FILE CernSITE.dwg
DRAWING FILE Cern07-24-02gwf





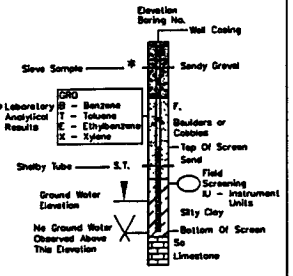
ABBREVIATIONS

F---Fine M---Medium C---Coarse
Wa---Weathered Sa---Sound

MATERIAL SYMBOLS

Topsoil, Silt, Sandstone, Sand, Peat, Limestone, Gravel, Clay, Igneous Rock

LEGEND OF BORING



* All Laboratory Results Reported in PPM.

GEOLOGIC LEGEND

A - CLAYEY SANDS, SAND-CLAY MIXTURES, (USCS-SC)

B - POORLY GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES, (USCS-SW)

C - WELL GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES, (USCS-SW)

SOIL CONTAMINATION ABOVE 10 PPM TPH

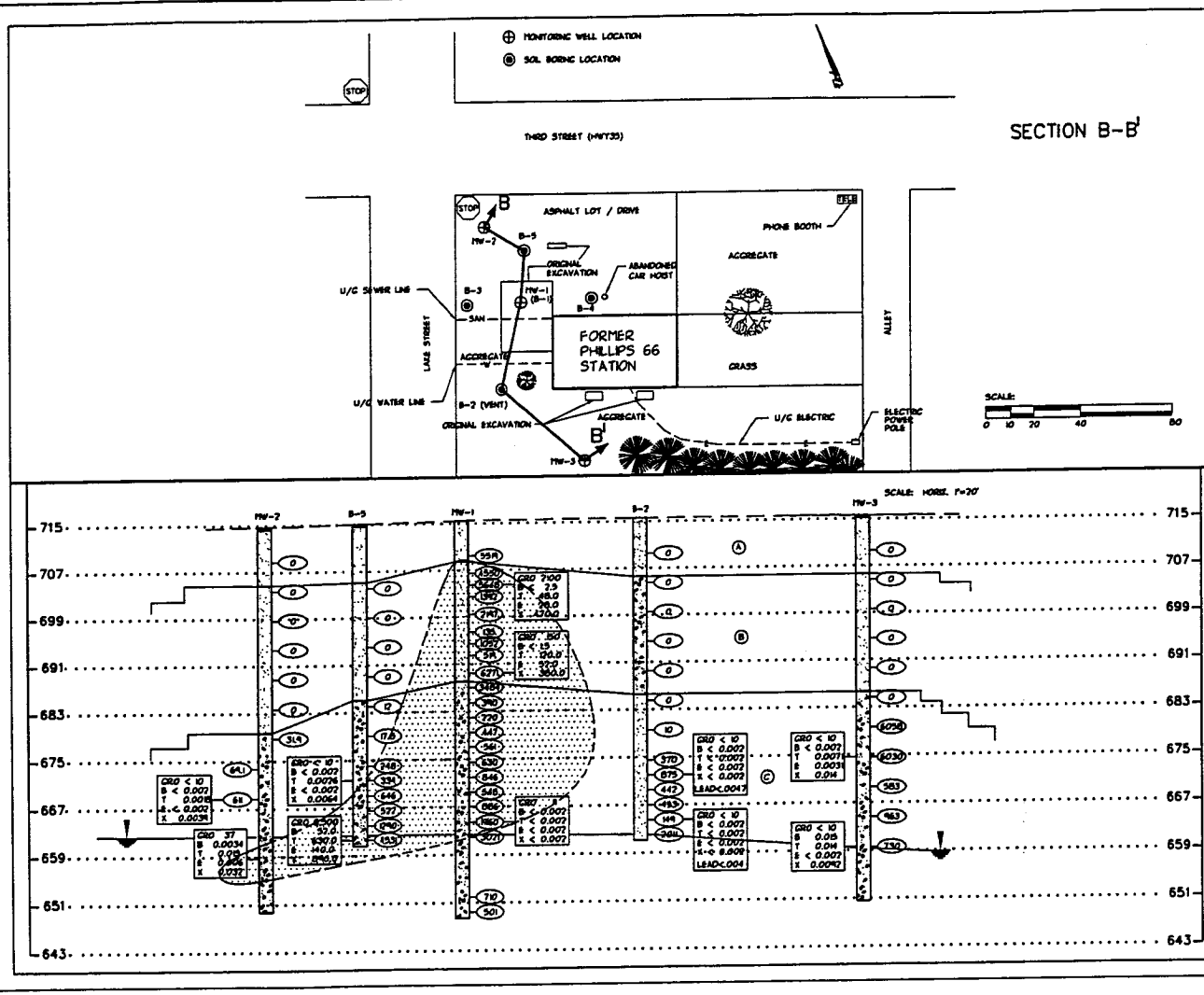
GROUNDWATER ELEVATIONS BASED ON NOVEMBER, 1992, DATA

CERNOHOUS/PEPIN '66

PEPIN, WI.

WEST - EAST CROSS SECTION, FIGURE 3

Drawn By	SJR	Plans Checked	CL
cedar corporation		CADD FILE	CERNOA.DWG
		JOB NUMBER	1570-001



ABBREVIATIONS

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

MATERIAL SYMBOLS

Topsoil, Silt, Sandstone, Sand, Peat, Limestone, Gravel, Clay, Igneous Rock

LEGEND OF BORING

Elevation Boring No.
Well Casing
Sieve Sample
Sandy Gravel
GRO
B - Benzene
T - Toluene
E - Ethylbenzene
X - Xylene
* Laboratory Analytical Results
F.
Boulders or Cobbles
Top Of Screen
Sand
Shelby Tube S.T.
Field Screening
IU - Instrument Units
Ground Water Elevation
Silty Clay
No Ground Water Observed Above This Elevation
Bottom Of Screen
So
Limestone

* All Laboratory Results Reported in PPM.

GEOLOGIC LEGEND

A - CLAYEY SANDS, SAND-CLAY MIXTURES, (USCS-SC)

B - POORLY GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES, (USCS-SW)

C - WELL GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES, (USCS-SW)

SOIL CONTAMINATION ABOVE 10 PPM TPH

GROUNDWATER ELEVATIONS BASED ON NOVEMBER, 1992, DATA

CERNOHOUS/PEPIN '66
PEPIN, WI.

NORTH - SOUTH
CROSS SECTION, FIGURE 4

Drawn By	SJR	Plans Checked	CL
cedar corporation		CADD FILE	CERNOB.DWG
		JOB NUMBER	1620-001

January 7, 2003

James Cernohous, duly authorized representative of the Former Pepin Phillips 66 Station in accordance with Ch. 292, Wis. Stats. and Ch. NR 726 Wis. Adm. Code, certifies the correct legal description for the property located at 415 3rd St and 207 Lake St, Pepin, Wisconsin is accurately described as Lots Five (5) and Six (6), Block Sixteen, Village of Pepin and Lot 4, Block 16 Village of Pepin respectively. A copy of the deeds are attached.

By: _____

James Cernohous

January 7, 2003

Ms. Remy Ceci
207 Lake Street
Pepin, WI 54759

RE: Notification of Existing Contamination Beneath 207 Lake Street
Pepin, Wisconsin, Pepin County

Dear Ms. Ceci:

Cedar Corporation, on behalf of Mr. James Cernohous, has completed an environmental investigation at the former Pepin Phillips 66 Station site located at 415 3rd Street, Pepin. In accordance with the conditions for closure, Wis. Admin. Code NR726, Mr. Cernhous is required to notify you that ground water contamination exists beneath 207 Lake Street (Figure 1).

Ground water contamination that originates on the property located at 415 3rd Street, Pepin, WI, has migrated onto the adjacent property. The levels of benzene contamination in the ground water on your property are above the State ground water enforcement standards found in Chapter NR140, Wisconsin Administrative Code. The results from the site investigation and remediation at the site indicate that the contamination does not pose a significant threat to the environment and human health at this time. The Department of Commerce will be reviewing remediation by natural attenuation as a viable option for the remaining contamination for meeting requirements for case closure that are found in Chapter NR726 and Chapter NR746, Wisconsin Administrative Code. Closure means that the Department will not be requiring any further investigation or clean-up to be taken at this time.

The Department of Commerce will not review this final closure request for at least 30 days after the date of this letter. As an affected property owner, you have the right to contact the Department to provide any technical information that you may have that indicates that closure should not be granted at this site. If you would like to submit any information to the Department of Commerce that is relative to the closure request, you should mail that information to: Mr. Tim Zeichert, Wisconsin Department of Commerce, 2715 Post Road, Stevens Point, WI 54481.

If this case is closed, the site will be listed on the GIS Registry. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where ground water contamination above Chapter NR140 Enforcement Standards was found at the time that the case was closed. This GIS is available to the general public on the Department of Natural Resources Internet Web site.

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 ground water contamination. Any well driller who proposes to construct the well on your property in the future will first need to call the Digger's Hotline (800-242-8511) if your property is located outside the service in the municipally owned water system, or contact the drinking water program with the Department of Natural Resources if your property is located within the designated service area of the municipality owned water system to determine if there is a need for special waste construction standards.

Once the Department makes a decision on the 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 Mr. Cernohous by writing, by writing to the agency at the address given above, or by accessing the DNR GIS Registry of Closure Remediation Sites on the internet at: www.dnr.state.wi.us/org/at/et/geo/gwur. Copy of the closure letter is included as part of the site file and the GIS Registry of Closure Remediation Sites. If you need more information, you may contact me at Cedar Corporation, 604 Wilson Avenue, Menomonie, WI 54751, 715-235-9081, or you may contact Tim Zeichert, Wisconsin Department of Commerce, 2715 Post Road, Stevens Point, WI 54481.

Sincerely,

CEDAR CORPORATION

Ryan Yarrington
Hydrogeologist

RY/br
Enclosure

January 7, 2003

Mr. Vern Seifert
Village of Pepin
508 Second Street
Pepin, WI 54759

RE: Notification of Existing Contamination Beneath Village Right-of-Way
Pepin, Wisconsin, Pepin County

Dear Mr. Seifert:

Cedar Corporation, on behalf of Mr. James Cernohous, has completed an environmental investigation at the former Pepin Phillips 66 Station site located at 415 3rd Street, Pepin. In accordance with the conditions for closure, Wis. Admin. Code NR726, Mr. Cernohous is required to notify the Village of Pepin that soil and ground water contamination exists beneath the southeast corner of Lake Street and Third Street. Groundwater contamination also exists beneath the alley of Block 16, Village of Pepin (Figure 1).

Ground water contamination that originates on the property located at 415 3rd Street, Pepin, WI, has migrated onto the adjacent alley of Block 16. The levels of benzene contamination in the ground water on your property are above the State ground water enforcement standards found in Chapter NR140, Wisconsin Administrative Code. The results from the site investigation and remediation at the site indicate that the contamination does not pose a significant threat to the environment and human health at this time. The Department of Commerce will be reviewing remediation by natural attenuation as a viable option for the remaining contamination for meeting requirements for case closure that are found in Chapter NR726 and Chapter NR746, Wisconsin Administrative Code. Closure means that the Department will not be requiring any further investigation or clean-up to be taken at this time.

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If this case is closed, the site will be listed on the GIS Registry. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where ground water contamination above Chapter NR140 Enforcement Standards was found at the time that the case was closed. This GIS is available to the general public on the Department of Natural Resources Internet Web site.

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 ground water contamination. Any well driller who proposes to construct the well on your property in the future will first need to call the Digger's Hotline (800-242-8511) if your property is located outside the service in the municipally owned water system, or contact the drinking water program with the Department of Natural Resources if your property is located within the designated service area of the municipality owned water system to determine if there is a need for special waste construction standards.

Once the Department makes a decision on the 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 Mr. Cernohous by writing, by writing to the agency at the address given above, or by accessing the DNR GIS Registry of Closure Remediation Sites on the internet at: www.dnr.state.wi.us/org/at/et/geo/gwur. Copy of the closure letter is included as part of the site file and the GIS Registry of Closure Remediation Sites. If you need more information, you may contact me at Cedar Corporation, 604 Wilson Avenue, Menomonie, WI 54751, 715-235-9081, or you may contact Tim Zeichert, Wisconsin Department of Commerce, 2715 Post Road, Stevens Point, WI 54481.

Sincerely,

CEDAR CORPORATION

Ryan Yarrington
Hydrogeologist

RY/br
Enclosure