

GWURR Package Cover Sheet

Name Jenneman Site

BRRTS # 03-09-000331

Tax Parcel # Chippewa Co. # ?

- Groundwater Use Restriction
- Location map
- Detailed site map
- Groundwater flow/isoconcentration maps
- Geologic cross sections
- Latest table(s) of analytical results (soil results included only if soil deed restriction is incorporated into groundwater use restriction document)
- Closure letter(s)

Document Number

GROUNDWATER USE RESTRICTION

Document # 600724

Recorded

OCT. 29, 1999 AT 03:20PM

Signed: Marge L. Geissler

MARGE L. GEISSLER

REGISTER OF DEEDS

CHIPPewa COUNTY, WI

Fee Amount: \$12.00



Declaration of Restrictions
In Re: That part of the Northwest Quarter (NW¼) of the Northwest Quarter (NW¼) of Section Eight (8), Township Twenty-Eight (28) North, of Range Eight (8) West, described as follows: Beginning at an iron stake at the intersection of the West line of "A" Street and the South line of Park Avenue in the City of Chippewa Falls; and running thence South 56° 00' West along said South line of Park Avenue 190 feet to the point of beginning of the land to be described; thence South 36° 20' East 168 feet to a stake on the North line of the road running Westerly to Summit Avenue; thence Westerly along said road line 188 feet to an iron stake; thence North 32° 00' West 241 feet to the South line of Park Avenue; and thence North 56° 00' East along said South line of Park Avenue 164 feet to the point of beginning.

STATE OF WISCONSIN)
) ss
COUNTY OF CHIPPEWA)

WHEREAS, Robert W. Jenneman is the owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property. Benzene, toluene, and xylene contaminated groundwater above Chapter NR 140 Wisconsin Administrative Code enforcement standards existed on this property at the following location on the following dates: benzene, 3,920 ug/l, 4/8/98; toluene, 4,520 ug/l, 4/8/98; total xylenes, 2,435 ug/l, 4/8/98; in the approximate area shown on Attachment 1.

Recording Area
Name and Return Address
Darrell Reed
SEH
421 Fenette Drive
Chippewa Falls, WI 54729
ROBERT JENNEMAN
PO Box 473
C.F. 54729

Parcel Identification Number (PIN)

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further groundwater or soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809 is restricted by ch. s. NR 811 and NR 812. Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific requirements are applicable prior to constructing or reconstructing a well on this property. No well may be constructed on this property unless applicable requirements are met.

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

This restriction is hereby declared to be a covenant running with land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by, the Wisconsin Department of Natural Resources, its successors and assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 29 day of Oct, 1999

Signature: Robert W. Jenneman
Printed Name: ROBERT W. JENNEMAN

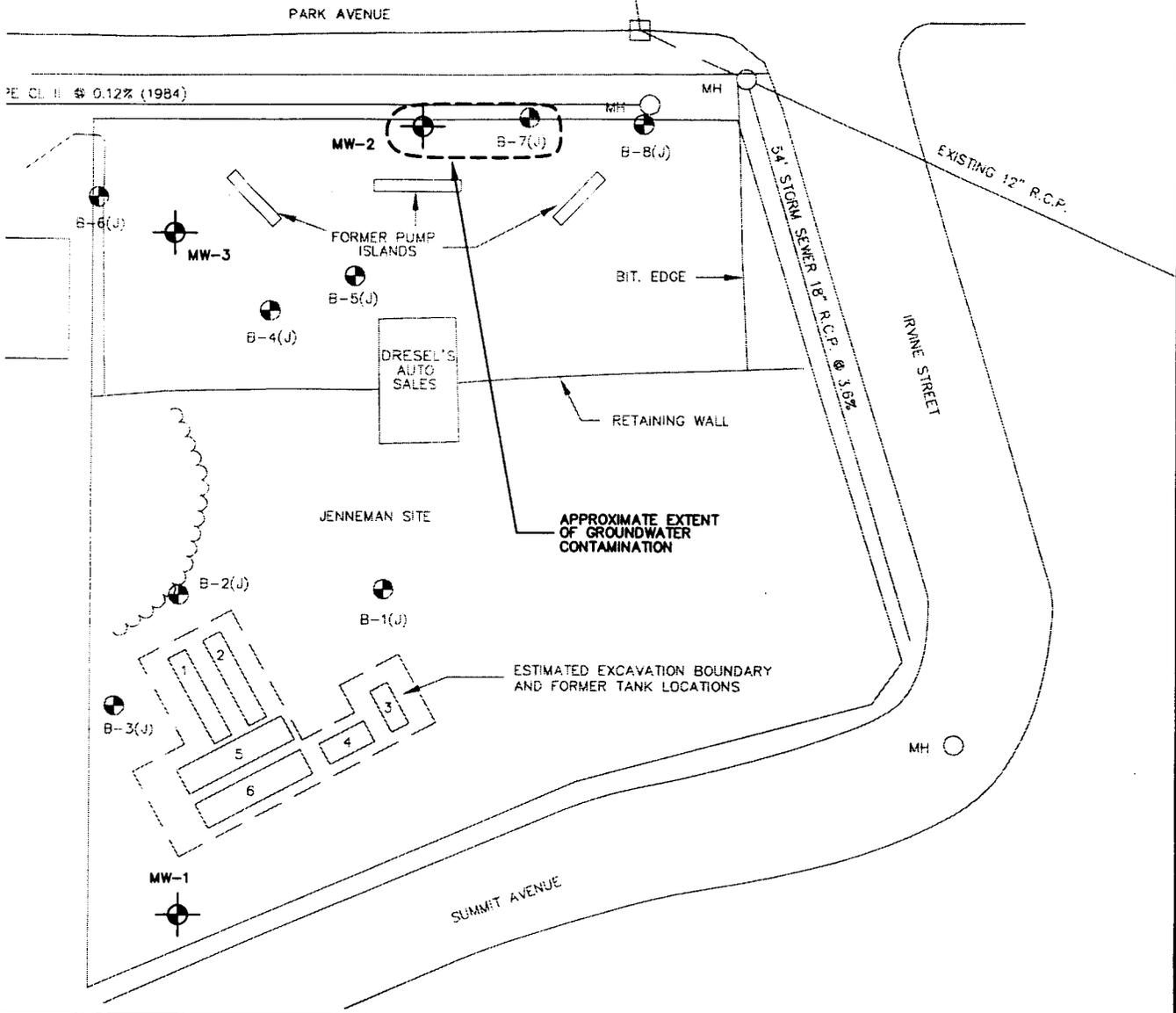
Subscribed and sworn to before me
this 29 day of October, 1999.

Charles P. Weidinger
Notary Public, State of Wisconsin
My commission expires 12/15/99

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

ATTACHMENT 1

Document # 600724



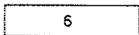
LEGEND



GROUNDWATER MONITORING WELL
LOCATION AND NUMBER



SOIL BORING LOCATION
AND NUMBER



APPROXIMATE LOCATION
OF FORMER UST



MANHOLE



GRID CONTROL POINT



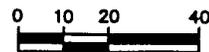
STORM SEWER



APPROXIMATE PROPERTY LINE



SCALE IN FEET



E:\WASTE\JENN1127\CLOSURE\DEED

1	07/15/99		JLE	07/99	DRR	07/99				
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK				
		JENNEMAN SITE DEED RESTRICTION			ATTACHMENT 1 SITE LOCATION			PROJ. NO. JENN1127.01	1	
								DATE 07/15/99	1	

USGS CHIPPEWA FALLS QUADRANGLE



SCALE: 1"=2,000'

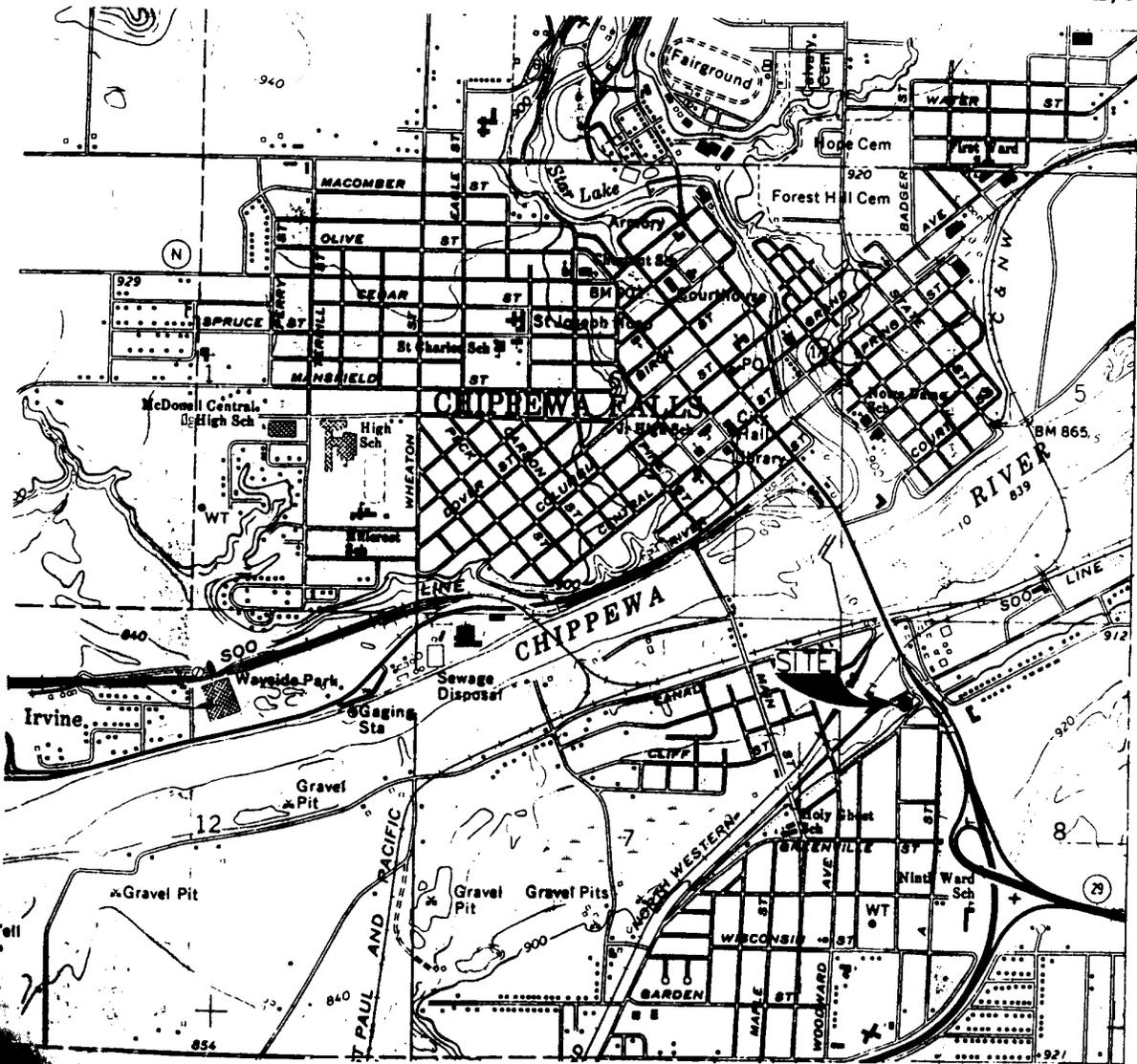
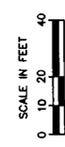
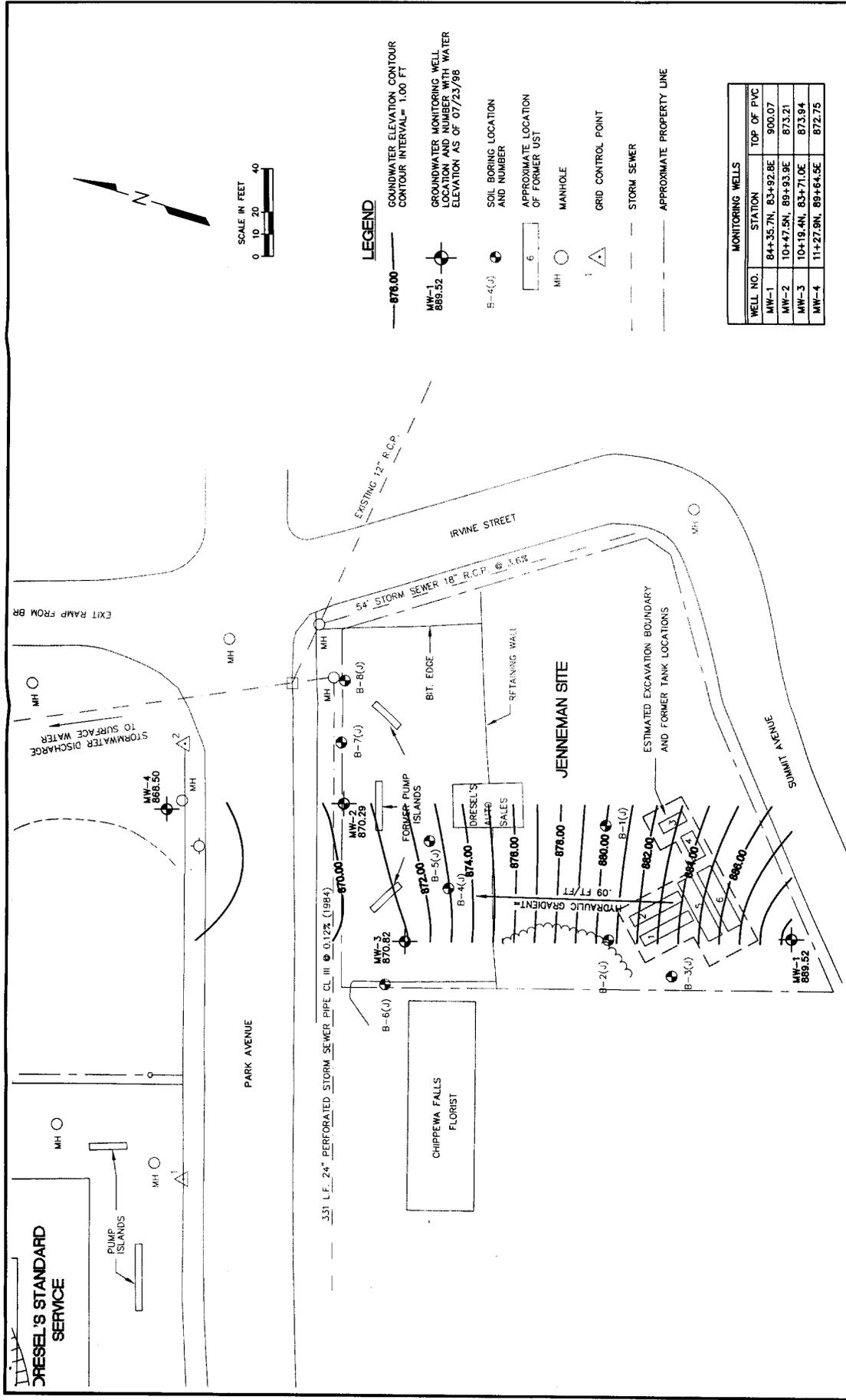


FIGURE 1
SITE LOCATION

FILE NO
91127
DRG. NO
91127b



LEGEND

- 876.00 — GROUNDWATER ELEVATION CONTOUR
CONTOUR INTERVAL= 1.00 FT
- MW-1 889.52 — GROUNDWATER MONITORING WELL
LOCATION AND NUMBER WITH WATER
ELEVATION AS OF 07/23/98
- B-4(j) — SOIL BORING LOCATION
AND NUMBER
- 6 — APPROXIMATE LOCATION
OF FORMER UST
- MH — MANHOLE
- △ — GRID CONTROL POINT
- — STORM SEWER
- - - - - APPROXIMATE PROPERTY LINE

MONITORING WELLS	
WELL NO.	TOP OF PVC
MW-1	844+35.7N, 83+92.8E 900.07
MW-2	10+47.5N, 89+93.9E 873.21
MW-3	10+19.4N, 83+71.0E 873.94
MW-4	11+27.9N, 89+64.5E 872.75

NO.	DATE	ISSUE/REVISIONS	DESIGN	FIELD REVIEW	QC CHECK	
1	07/17/98	CASE CLOSURE	AE	07/98	FA	07/98

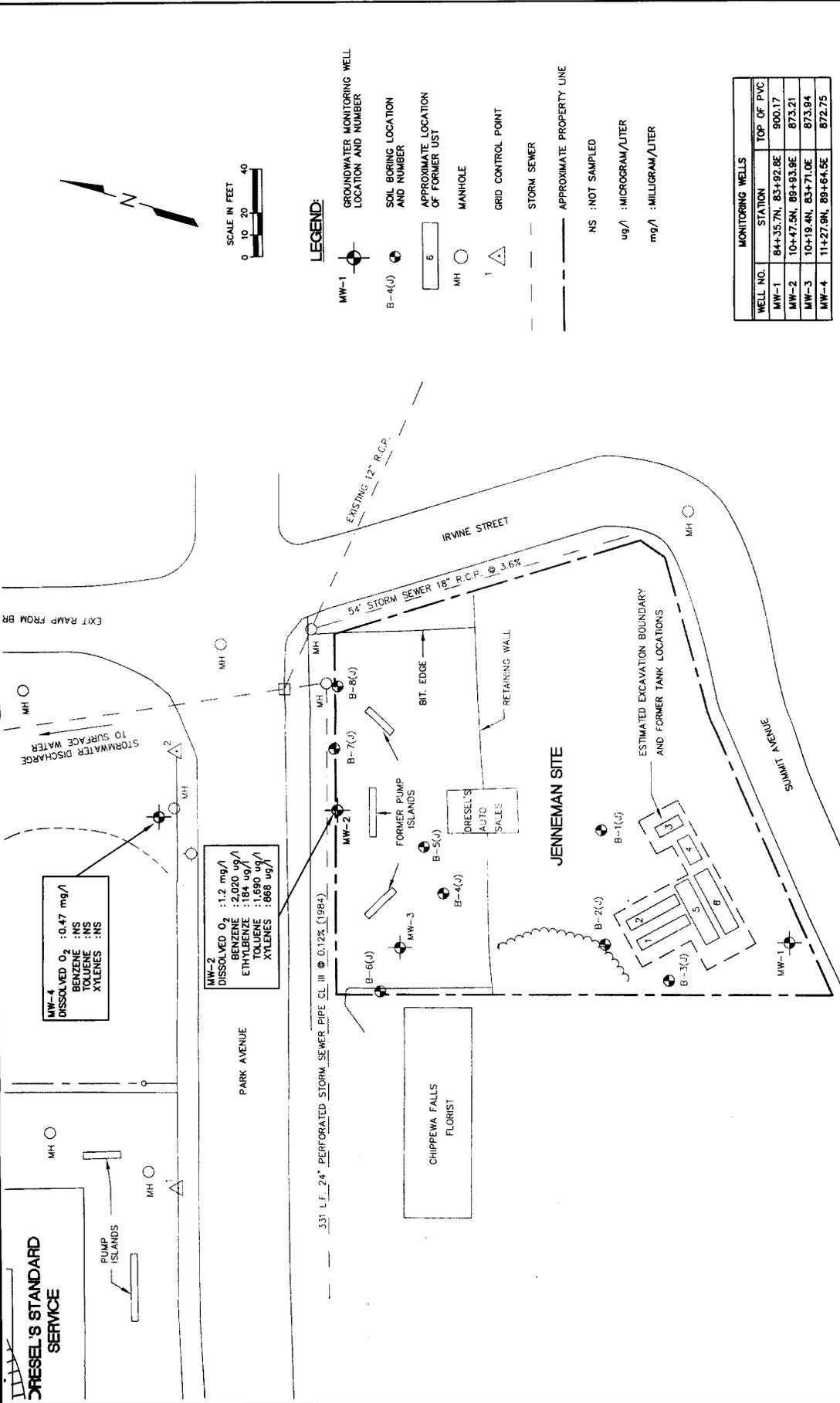
ES&H

**JENNEMAN SITE
CASE CLOSURE**

PROJ. NO.
JEN1127.01

DATE
07/19/98

5



MW-4
 DISSOLVED O₂ : 0.47 mg/l
 BENZENE : NS
 TOLUENE : NS
 XYLENES : NS

MW-2
 DISSOLVED O₂ : 1.2 mg/l
 BENZENE : 2,020 ug/l
 ETHYLENE : 184 ug/l
 TOLUENE : 690 ug/l
 XYLENES : 868 ug/l

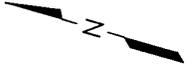
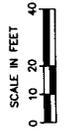
33" L.F. 24" PERFORATED STORM SEWER PIPE CL III @ 0.12% (1994)

EXISTING 12" R.C.P.
 54" STORM SEWER 18" R.C.P. @ 3.6%

LEGEND:

- MW-1 GROUNDWATER MONITORING WELL LOCATION AND NUMBER
- B-4(J) SOIL BORING LOCATION AND NUMBER
- 6 APPROXIMATE LOCATION OF FORMER UST
- MH MANHOLE
- 1 GRID CONTROL POINT
- STORM SEWER
- - - - - APPROXIMATE PROPERTY LINE

NS : NOT SAMPLED
 ug/l : MICROGRAM/LITER
 mg/l : MILLIGRAM/LITER

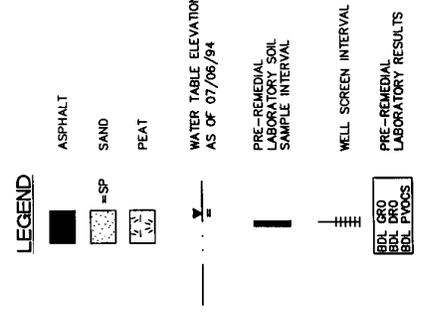
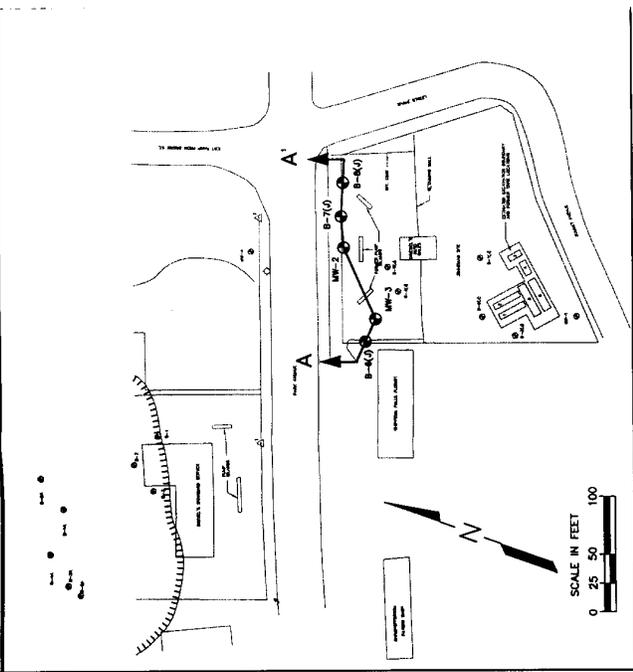
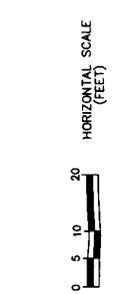
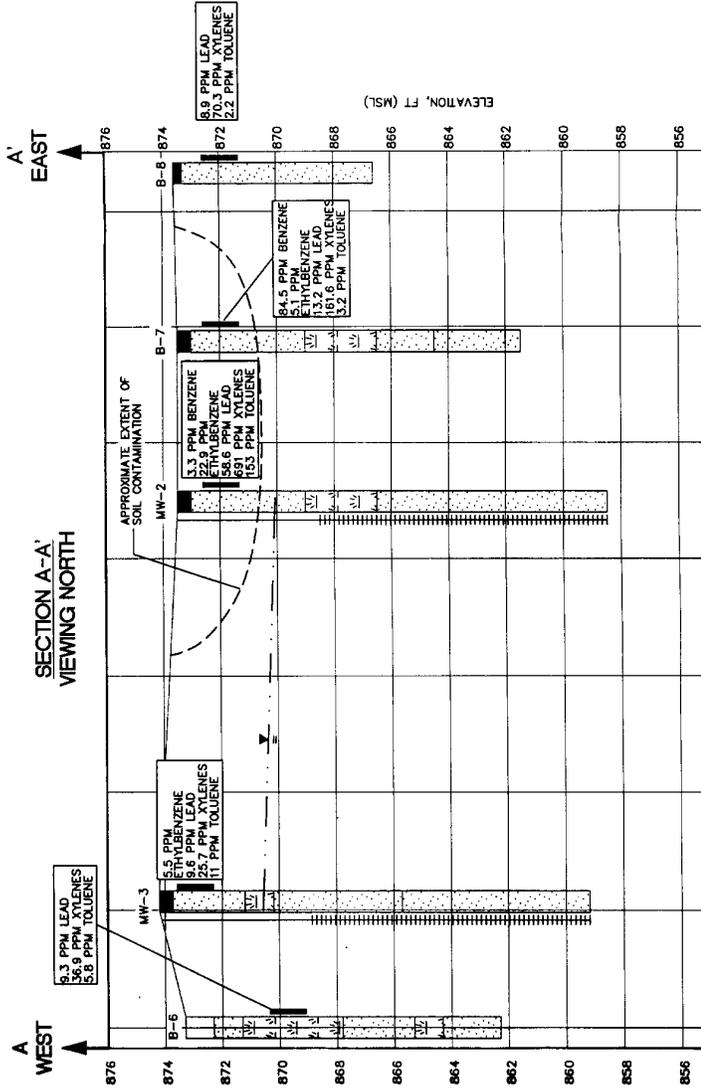


MONITORING WELLS	
WELL NO.	TOP OF PVC
MW-1	844+35.7N, 83+92.8E 900.17
MW-2	10+47.5N, 89+93.9E 873.21
MW-3	10+19.4N, 83+71.0E 873.94
MW-4	11+27.8N, 89+64.5E 872.75

ES&I		JENNEMAN SITE CASE CLOSURE		FIGURE 4 GROUNDWATER SAMPLE RESULTS (04/21/99)	4	5
		PRJ. NO. JDM1127.01 DATE 07/18/98				
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK
1	07/18/98	CASE CLOSURE	JL	07/29	EA	07/29

NOTES:

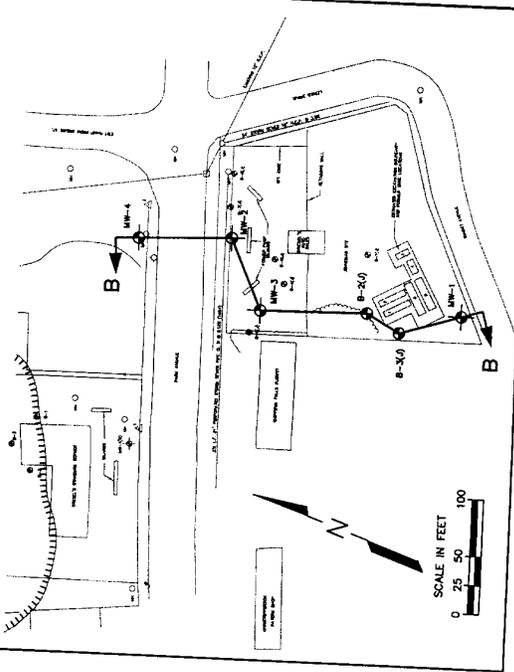
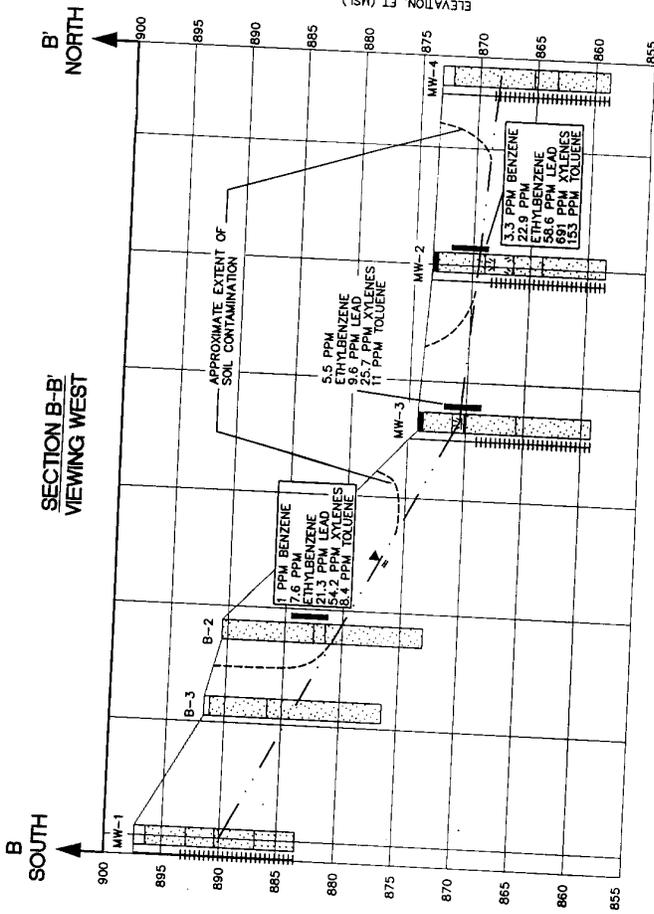
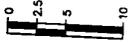
1. ELEVATIONS ARE SHOWN IN REFERENCE TO SITE DATUM.
2. FOR THE PURPOSE OF ILLUSTRATING SURFACE CONDITIONS ON THE CROSS SECTIONS, SOME OF THE BORING LOGS HAVE BEEN SIMPLIFIED. FOR A DETAILED DESCRIPTION OF SUBSURFACE CONDITIONS AT INDIVIDUAL BORINGS, REFER TO SOIL BORING LOGS.
3. HORIZONTAL DISTANCES ARE MEASURED WITH RESPECT TO THE CENTER OF EACH SOIL BORING LOCATION.
4. GROUNDWATER ELEVATIONS ARE BASED ON MEASUREMENTS OBTAINED BY SEH ON 07/06/94.



JENNEMAN SITE CASE CLOSURE		FIGURE 2 GEOLOGIC CROSS SECTION A-A'		PROJ. NO. 2	DATE 07/10/94
SEH		5		DATE 07/10/94	DATE 07/10/94
DATE	DESIGN	FIELD REVIEW	QC CHECK		
DATE	DESIGN	FIELD REVIEW	QC CHECK		

NOTES:

1. ELEVATIONS ARE SHOWN IN REFERENCE TO SITE DATUM.
2. FOR THE PURPOSE OF ILLUSTRATING SUBSURFACE 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.
3. HORIZONTAL DISTANCES ARE MEASURED WITH RESPECT TO THE CENTER OF EACH SOIL BORING LOCATION.
4. GROUNDWATER ELEVATIONS ARE BASED ON MEASUREMENTS OBTAINED BY SEH ON 07/06/94.



LEGEND

- ASPHALT
- SAND
- PEAT
- WATER TABLE ELEVATION AS OF 07/06/94
- PRE-REMEDIAL LABORATORY SOIL SAMPLE INTERVAL
- WELL SCREEN INTERVAL
- PRE-REMEDIAL LABORATORY RESULTS



**JENNEMAN SITE
CASE CLOSURE**

**FIGURE 3
GEOLOGIC
CROSS SECTION B-B'**

PROJ. NO.	ADN1127.01
DATE	07/19/99
3	5

NO.	DATE	ISSUE/REVISIONS	DESIGN BY	DESIGN	FIELD REVIEW	QC CHECK
1	07/19/99	CASE CLOSURE	JLF	07/20	088	07/29

Table 2
Groundwater Analytical Results

Analytical Parameters	MR 140 Standards	Well No. Sampling Date																		
		MW-1						MW-2												
		1993 6/23	1994 7/6	1997 7/9	1997 10/20	1998 1/6	1998 4/6	1993 6/22	1994 7/6	1995 3/13	1996 3/13	1997 7/9	1997 10/20	1998 4/8	1998 7/22	1998 10/20	1999 1/12	1999 4/21		
Field Data																				
Dissolved Oxygen (mg/l)	NSE	--	--	6.6	--	10.74	--	--	--	--	--	0.7	8.3	0.81	0.52	0.46	0.22	0.61	1.2	
Temperature (°C)	NSE	--	--	13.6	8.0	5.0	--	--	--	--	--	14.4	13	7.7	8.0	15.0	14.0	9.0	8.0	
ORP (mV)	NSE	--	--	--	68	72	--	--	--	--	--	--	-37	--	-82	-210	-182	-11	--	
Conductivity (µS)	NSE	--	--	760	470	--	--	--	--	--	--	540	300	--	--	450	780	560	--	
pH (mg/l)	NSE	--	--	6.0	7.0	6.8	--	--	--	--	--	6.1	6.9	6.8	6.8	7.3	7.3	7.7	--	
Fe ²⁺ (mg/l)	0.3	0.15	--	0.12	0.24	--	--	--	--	--	--	18.5	16.8	38.7	39.8	16.4	14.7	7.6	--	
SO ₄ ²⁻ (mg/l)	250	125	--	73.33	32.62	--	--	--	--	--	--	--	31.78	6.15	9.93	1.5	17.5	13	--	
NO ₃ ⁻ (as N) (mg/l)	10	2	--	0.0	2.3	--	--	--	--	--	--	0.0	7.7	2.1	--	--	--	--	--	
Mn ²⁺ (mg/l)	NSE	--	--	0.0	0.0	1.4	--	--	--	--	--	0.3	0.0	1.9	--	--	--	--	--	
Analytical Data																				
GRO (µg/l)	NSE	--	--	--	--	--	--	--	--	--	--	22,860	500	880	15,500	3,610	1,790	383	5,820	
PVOCs (µg/l)																				
Benzene	5	0.5	BDL	--	--	--	--	84	BDL	130	1,800	--	105	83.3	3,920	718	503	50.7	2,020	
1,2-Dichloroethane	5	0.5	BDL	--	--	--	--	21	BDL	42	310	--	34.5	40.4	459	160	111	28.5	184	
Ethylbenzene	700	140	BDL	--	--	--	--	BDL	BDL	BDL	BDL	--	<1.0	<1.0	<50	<1.0	<5.0	<1.0	<6.0	
Methyl-tert-butyl-ether	60	12	BDL	--	--	--	--	37	BDL	40	1,900	--	9.24	19	4,520	276	358	2.03	1,090	
Toluene	343	68.6	BDL	--	--	--	--	35	BDL	320	320	--	581	53.1	405	154	119	39.7	130	
1,2,4-Trimethylbenzene	NSE	NSE	BDL	--	--	--	--	11	BDL	25	BDL	--	7.4	8.43	85	32.8	16.5	5.84	25.2	
1,3,5-Trimethylbenzene	NSE	NSE	BDL	--	--	--	--	81	BDL	210	1,600	--	144	96.6	2,435	831	392	89.2	868	
Total Xylenes	620	124	BDL	--	--	--	--	203	BDL	203	1,600	--	144	96.6	2,435	831	392	89.2	868	

Table 2 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 540 Standards	MW-3												MW-4						SW-1							
		1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		2003					
		ES	PAL	7/6	3/22	6/26	3/13	7/6	10/26	5/6	4/8	7/6	10/28	5/6	4/8	10/28	5/12	4/21	7/6	10/20	7/23	10/20	7/23				
Field Data																											
Dissolved Oxygen (mg/l)	NSE							1.8	6.4	1.33	0.53	1.0	10.5	2.93	3.86	0.31	1.95	0.47									
Temperature (°C)	NSE							1.5	14	6.9	8.0	15	14	8.4	8.0	14.0	9.0	8.0									
ORP (mV)	NSE								0.0																		
Conductivity (µD)	NSE							460	560			641	45		138	-43	44										
pH (mg/l)	NSE							6.0	6.7	6.6	7.4	6.0	6.6	6.4	7.3	7.6	7.8										
Fe ²⁺ (mg/l)	0.3	0.15						7.45	3.95	4.23	4.5	0.31	1.21	0.37	6.13	2.07	1.07										
SO ₄ ²⁻ (mg/l)	250	125						0.0	0.0	4.47	21.95	0.0	81.17	29.45		65.6	48.23										
NO ₃ ⁻ (as N) (mg/l)	10	2						0.4	4.1	0.7		1.0	0.7														
Mn ²⁺ (mg/l)	NSE																										
Analytical Data																											
GRO (µg/l)	NSE							253	79.2	620	<50	<50				<50											
PVOCs (µg/l)																											
Benzene	5	0.5	2.1					3.25	7.7	3.5																	
1,2-Dichloroethane	5	0.5	BDL						BDL																		
Ethylbenzene	700	140	8.2					15.8	24	130																	
Methyl-tert-butyl-ether	60	12	BDL					BDL	BDL																		
Toluene	343	68.6	BDL					6.9	2.7																		
1,2,4-Trimethylbenzene	NSE	NSE	3.4					8.2	7.3																		
1,3,5-Trimethylbenzene	NSE	NSE	3.1					11.1	20																		
Total Xylenes	620	124	3.7					DL	13																		

SW-1 surface sample collected from storm sewer effluent
 BDL = Below laboratory detection limits
 NSE = Excelsior NR 140 ES
 0.24 = Excelsior NR 140 PAL
 - = Parameter not analyzed for or not available
 < = Less than
 Geochemical indicators (i.e. Fe²⁺, SO₄²⁻, NO₃⁻, Mn²⁺) were measured using HACH's DR700 colorimeter with appropriate reagents
 Compiled by: BLK Checked by: MJD
 Revised by: FR: 6/26/99 Checked by: BLK



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott A. Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairmont Avenue
PO Box 4001
Eau Claire, Wisconsin 54702-4001
TELEPHONE 715-839-3700
FAX 715-839-6076
TDD 715-839-2786

September 2, 1999

Site ID# 03-09-000331

Chippewa County

Mr. Robert Jenneman
P.O. Box ~~473-742~~
Chippewa Falls, WI 54729

**SUBJECT: Conditional Site Closure For the Jenneman Site Located at 423 Park Avenue,
Chippewa Falls, WI**

Dear Mr. Jenneman:

On June 5, 1990, the Department of Natural Resources provided a notice to you that the degree and extent of petroleum contamination at the above-named site was required to be investigated and remediated. We have since been informed that the required investigation and remediation have been accomplished. Therefore, the site was reviewed by the West Central Region Closeout Committee on August 31, 1999, for a determination as to whether or not the case qualified for closeout under ch. NR 726, Wisconsin Administrative Code.

The Regional Closeout Committee has determined that the requirements in NR 726.05(2)(b), Wisconsin Administrative Code, have been satisfied. Consequently, closure has been granted if a groundwater use restriction which meets the requirements of NR 726.05(8)(am), Wisconsin Administrative Code, is recorded with the County Register of Deeds within thirty (30) days. Upon receipt of this recorded restriction, the Department will consider this site closed having determined that no further action is necessary at this site. If additional information regarding this site indicates that it poses a threat to public health, safety, welfare or the environment, this case may be reopened pursuant to NR 726.09, Wisconsin Administrative Code. The copy of the model groundwater use restriction document that was included in the closure packet must be modified. In the "Now Therefore" section reference must be made to the location and type of residual contamination and give notice to any prospective purchaser of the property of this residual contamination. A map that details these areas of subsurface soil contamination must be registered with this document as part of the restriction. Please resubmit a draft copy of this restriction with the aforementioned changes and the addendum maps for our review.

In addition, since the monitoring wells and the SVE system are no longer required, the vertical portions of the SVE piping and the monitoring wells must be abandoned in accordance with NR 141, Wisconsin Administrative Code. Please contact your consultant concerning the necessary abandonment and submittal of proper abandonment forms to this office.

If you have any questions concerning this letter, please contact me at (715) 839-3775.

Sincerely,

John R. Grump
Hydrogeologist

c: Bill Evans
Frank Lowry, SEH





State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott A. Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, Wisconsin 54702-4001
Telephone 715-839-3700
FAX 715-839-6076
TDD 715-839-2786

November 19, 1999

Chippewa County
Site I.D.# 03-09-000331

Mr. Robert Jenneman
P.O. Box 742
Chippewa Falls, WI 54729

**SUBJECT: Site Closure for the Jenneman Site Located at 423 Park Avenue,
Chippewa Falls, WI**

Dear Mr. Jenneman:

I have received the monitoring well abandonment forms along with the recorded deed restriction. This site is now closed.

Based on the investigative and remedial documentation provided to the Department, it appears that the contamination at the above-named site has been remediated in compliance with the requirements of chs. NR 700 to 724, Wisconsin Administrative code. Therefore, the Department considers the case "closed," having determined pursuant to ch. NR 726, Wisconsin Administrative Code, that no further action is necessary at the site.

If you have any questions concerning this letter, please contact me at (715) 839-3775.

Sincerely,

John R. Grump
Hydrogeologist

JRG/ah

C: Bill Evans
Darrell Reed, SEH



*Quality Natural Resources Management
Through Excellent Customer Service*

