

GRCRS Package Cover Sheet

Site Name Dresel's Standard

Site Address 316 E. Park Ave. Chippewa Falls, WI

BRRTS # 03-09-000410 Date of Closure Decision 6/19/00

Closure letter(s)

Groundwater Use Restriction/Warranty Deed

Yes  No  Off-site contamination present? (Include related documents)

Yes  No  Right-of-way contamination present? (Include related documents)

General location map

\_\_\_\_\_ GPS x-coordinate

\_\_\_\_\_ GPS y-coordinate

Detailed site map(s)

Groundwater flow map(s)

Latest map(s) showing extent or outline of plume

Latest table(s) of analytical results (soil results included only if soil deed restriction is incorporated into groundwater use restriction document)

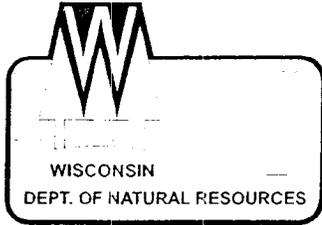
If available:

\_\_\_\_\_ Legal description

22808-0822-7879-0001 County and Parcel I.D./Tax Parcel No.

Geologic cross sections

\_\_\_\_\_ Isoconcentrations map(s)



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Baldwin Service Center  
990 Hillcrest Street  
Suite 104  
Baldwin, Wisconsin 54002  
Telephone 715-684-2914  
FAX 715-684-5940

October 13, 2000

BRRTS # 03-09-000410  
Chippewa County

Mr. Randy Dresel  
Dresel's Standard Service  
316 East Park Avenue  
Chippewa Falls, WI 54729

Subject: **Final Site Closure:** Dresel's Standard & Car Wash, 316 East Park Avenue,  
Chippewa Falls, WI

Dear Mr. Dresel:

On June 7, 2000, the West Central Region Closure Committee reviewed your site for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. This site was granted conditional closure.

On August 8, 2000 the Department received correspondence indicating that you have complied with the conditions of closure. The document included a copy of the recorded deed restriction. Based on the correspondence and data provided, it appears that your site has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

However, please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

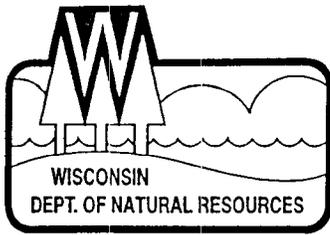
The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715 684-2914.

Sincerely,

Patrick J. Collins  
Hydrogeologist

c: Brian Kent - SEH

FILE



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

June 19, 2000

Chippewa County  
Site ID# 03-09-000410

Mr. Randy Dresel  
Dresel's Standard Service  
316 East Park Avenue  
Chippewa Falls, WI 54729

**SUBJECT: Conditional Site Closure for the Dresel Standard Station Located at 316 East Park Avenue, Chippewa Falls, WI**

Dear Mr. Dresel:

On September 11, 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 June 7, 2000, 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. A copy of a model groundwater use restriction document is enclosed. This model must be used to formulate your site-specific document. This model must be modified to include site-specific language that identifies the area of soil contamination on Figure 6 of the closure submittal. The additional limitation and restriction should read " In the event of excavation in the area of known solid waste fill and petroleum contamination identified in Figure 6, these removed materials must be handled in compliance with the solid waste disposal requirements found in NR 500, Wisconsin Administrative Code." A draft of your deed restriction must be submitted along with a copy of the property deed for review. Based on that review, any necessary changes must be made prior to recording with the county.

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

Sincerely,

John R. Grump  
Hydrogeologist  
Enclosure

c: Bill Evans  
Darrell Reed, SEH



DOCUMENT# 610159

Recorded  
JULY 12, 2000 AT 03:45PM

Signed: *Marge L. Geissler*

MARGE L. GEISSLER  
REGISTER OF DEEDS  
CHIPPEWA COUNTY, WI

Fee Amount: \$14.00



Document Number

GROUNDWATER USE RESTRICTION

Declaration of Restrictions

In Re: Lot 1 of Chippewa County Certified Survey Map No. 879 recorded in Volume 3 Certified Maps, Page 123-124, Document No. 490137 and located upon the Northwest quarter of the Northwest quarter of Section 8, Township 28 North, Range 8 West.

STATE OF WISCONSIN )  
 ) ss  
COUNTY OF CHIPPEWA )

WHEREAS, Randall H. Dresel and Linda M. Dresel are the owners of the above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property. Benzene contaminated groundwater above ch. NR 140, Wis. Adm. Code, enforcement standards exists on this property as of the date this Declaration of Restriction is signed, in the approximate area shown on Figure 1

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which 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 contamination 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 chs. 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.

Name and Return Address

~~Frank X Lowy~~ Charles Norseng  
~~Shirley E. Noris~~ ~~Richardson Inc~~  
~~421 Fremont Drive~~ P.O. Box 370  
Chippewa Falls, WI 54729

22808-0822-7879-0001

Parcel Identification Number (PIN)

In the event of excavation in the area of known solid waste fill and petroleum contamination identified on Figure 1, these removed materials must be handled in compliance with the solid waste disposal requirements found in NR 500, Wisconsin Administrative Code.

This restriction is hereby declared to be a covenant running with the 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 or 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.

By signing this document, Randall H. Dresel asserts that he is duly authorized to sign this document on behalf of Dresel's Standard Service.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 12th day of July, 2000.

Signature:

Printed Name:

Randall H. Dresel

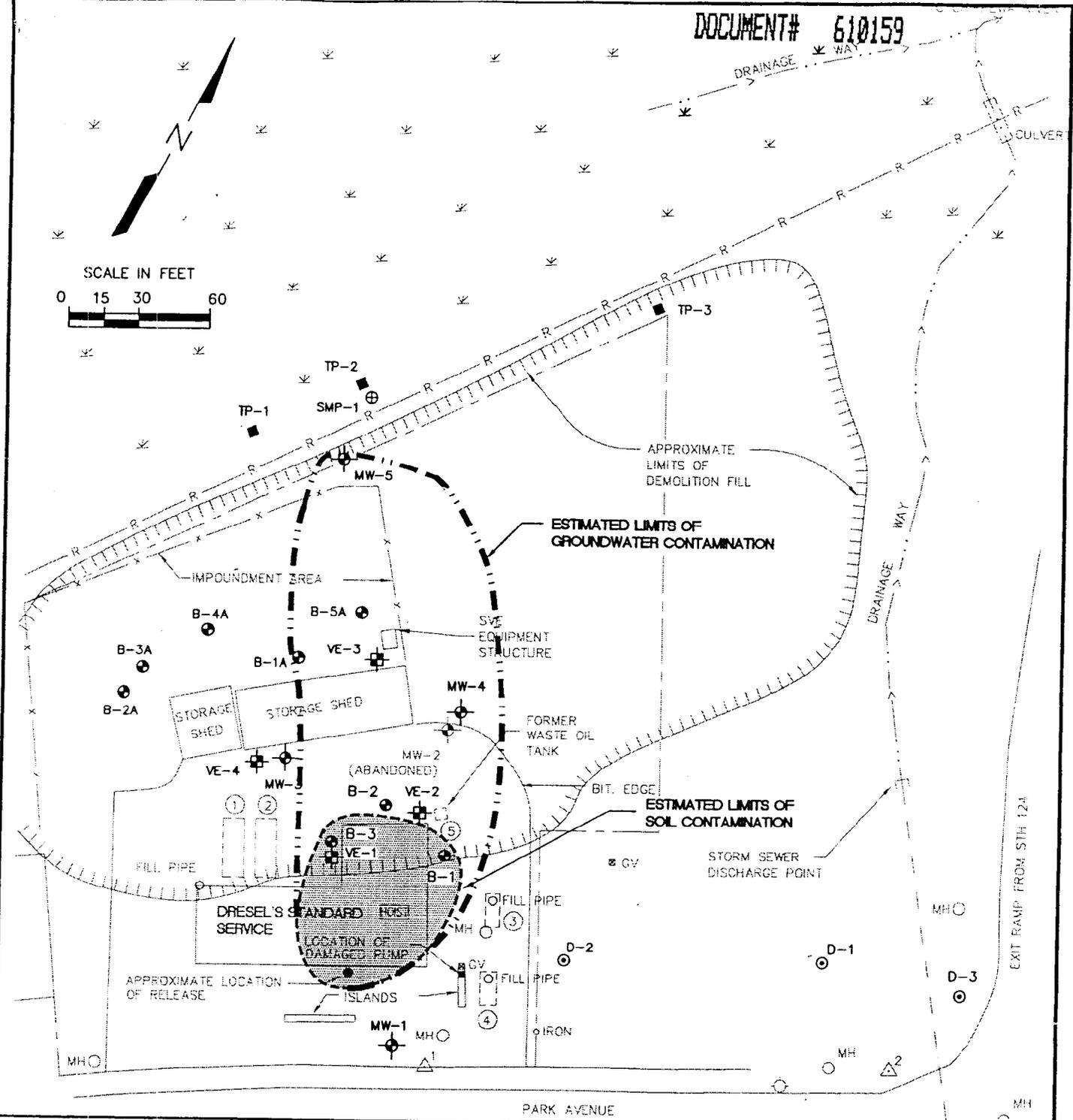
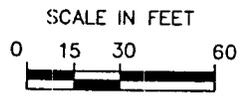
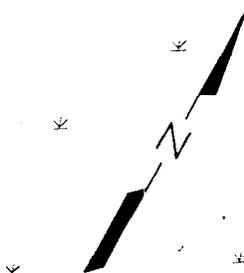
Subscribed and sworn to before me

this 12th day of July, 2000.

Notary Public, State of Wisconsin

My commission expires 2/4/2001

This document was drafted by Brian L. Kent, Short Elliott Hendrickson Inc., 421 Frenette Drive, Chippewa Falls, WI 54729.



**LEGEND:**

- MW-1 GROUNDWATER MONITORING WELL LOCATION AND NUMBER
- SMP-1 TEMPORARY GROUNDWATER SAMPLE POINT LOCATION AND NUMBER
- VE-4 VAPOR EXTRACTION WELL LOCATION AND NUMBER
- D-1 SOIL BORING BY AQUA-TECH
- B-3 SOIL BORING LOCATION AND NUMBER BY SEH
- TP-1 TEST PIT LOCATION AND NUMBER

1	06/26/00	-	JLE	06/00	BLK	06/00			DRIS	6/00
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK				



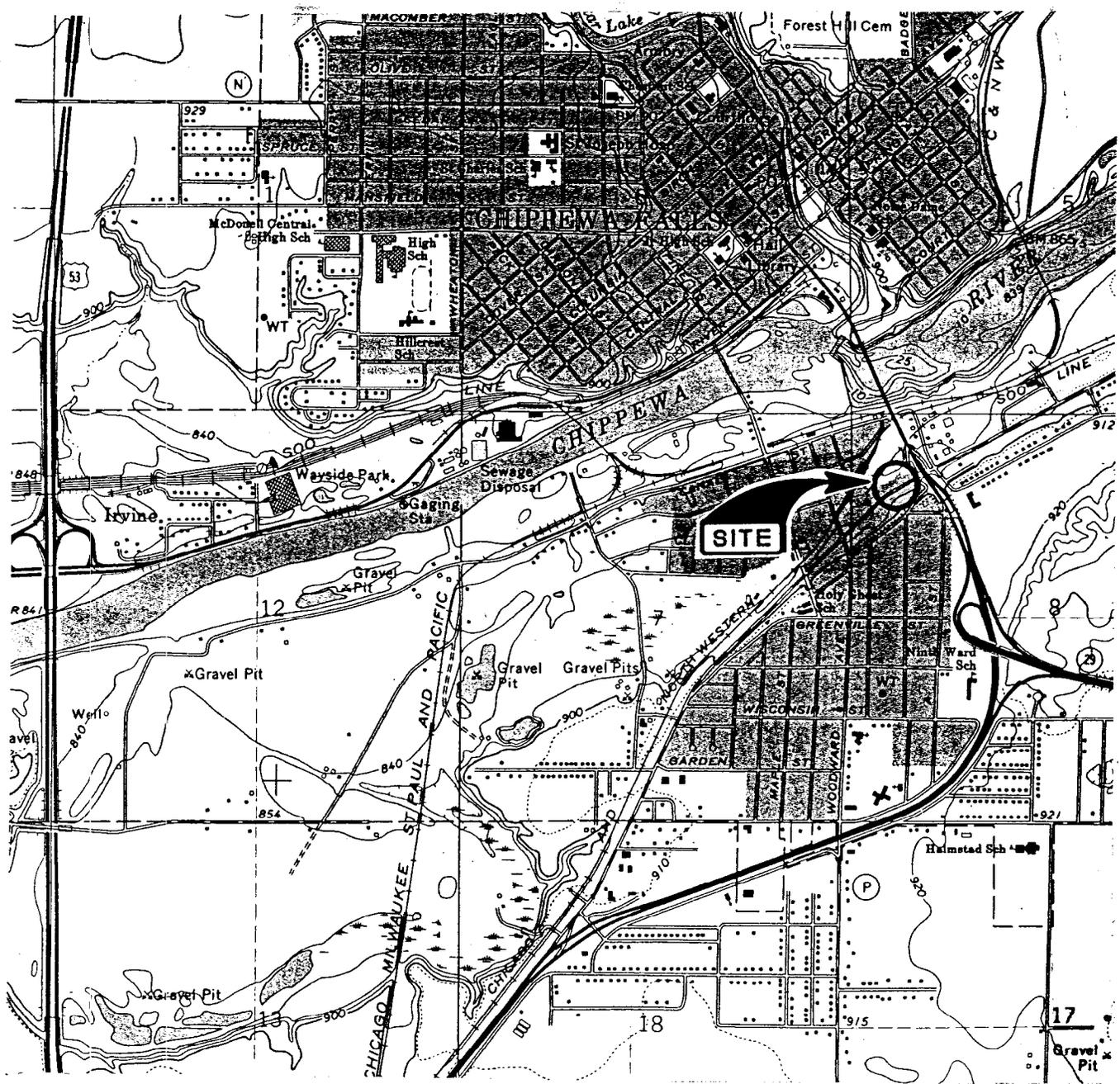
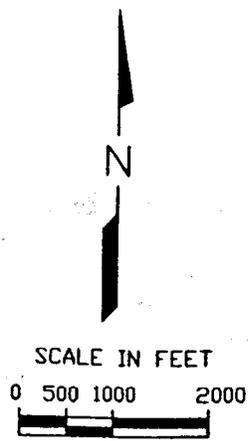
**DRESEL'S STANDARD SERVICE  
GROUNDWATER  
USE RESTRICTION**

**FIGURE 1  
ESTIMATED LIMITS OF  
SOIL AND GROUNDWATER  
CONTAMINATION**

PROJ. NO. DRESELS	1
DATE 06/26/00	

E:\WASTE\DRESEL'S CLOSURE\DEED

REPRODUCED FROM  
**USGS CHIPPEWA FALLS QUADRANGLE**  
 WISCONSIN - CHIPPEWA CO. 7.5 MINUTE SERIES  
 1972



E:\WASTE\DRESELS\CLOSURE\1070FSA1

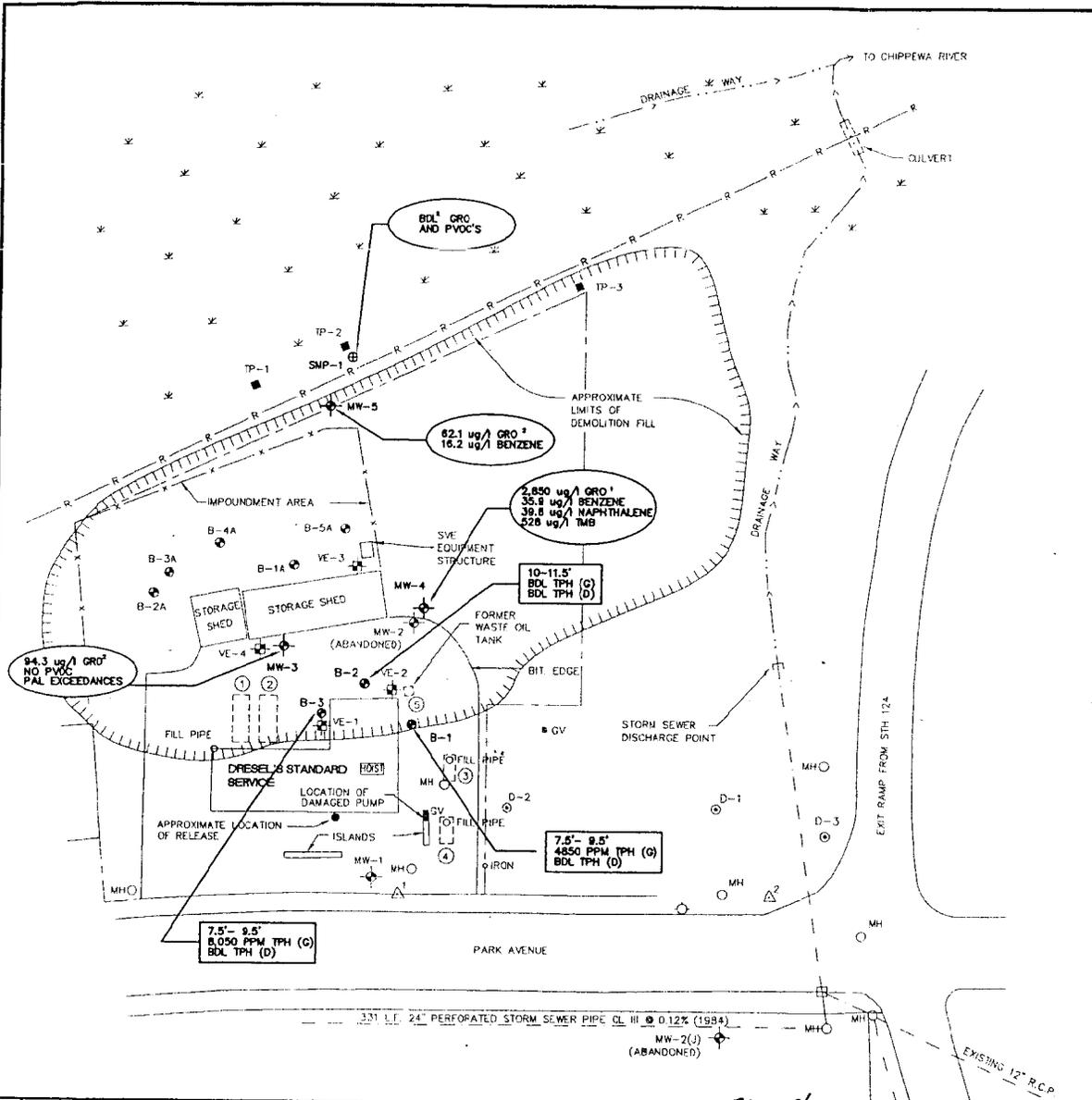
1	04/20/00	CASE CLOSURE	JLE	04/00	DRR	04/00			FL 5/00
NO.	DATE	ISSUE/REVISIONS	DRAWN BY		DESIGN		FIELD REVIEW		QC CHECK



**DRESEL'S STANDARD SERVICE  
 CASE CLOSURE**

**FIGURE 1  
 SITE LOCATION**

PROJ. NO. DRESELS	1
DATE	04/20/00
	6

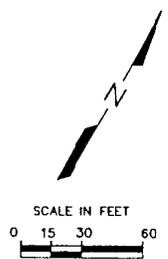


**LEGEND:**

- MW-4 GROUNDWATER MONITORING WELL LOCATION AND NUMBER
- SMP-1 TEMPORARY GROUNDWATER SAMPLE POINT LOCATION AND NUMBER
- VE-4 VAPOR EXTRACTION WELL LOCATION AND NUMBER
- D-3 SOIL BORING LOCATION AND NUMBER BY SEH
- D-1 SOIL BORING BY AQUA-TECH
- TP-1 TEST PIT LOCATION AND NUMBER
- [4K] FORMER UST SIZE AND APPROX. LOCATION
- MH MANHOLE
- 1 GRID CONTROL POINT
- IRON IRON PIPE
- Gv GAS VENT FOR UST
- STORM SEWER
- R--- APPROXIMATE PROPERTY LINE
- R--- RAILROAD TRACKS
- >->- DRAINAGE WAY
- x-x- FENCE LINE
- \* WETLAND
- ◇ HYDRANT
- 82.1 ug/l GRO and 16.2 ug/l Benzene GROUNDWATER ANALYTICAL RESULTS (ug/l) 12/99 or 1/00 RESULTS
- 7.5-9.5 BDL TPH (G) and 4850 PPM TPH (D) SOIL ANALYTICAL RESULTS (mg/kg)

**NOTES:**

- SITE LOCATION: NW 1/4, NW 1/4, SECTION 8, T 28 N, R 8 W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN.
- TOPOGRAPHIC BASE MAP PREPARED FROM SURVEY BY SEH, INC. DATE OF SURVEY - JULY 25, 1991
- HORIZONTAL DATUM BASED ON SITE SPECIFIC GRID USING THE GRID CONTROL POINTS LISTED BELOW.
- SANITARY SEWER LOCATIONS PROVIDED BY THE CITY OF CHIPPEWA FALLS.
- NOTE ONLY PVC'S, ES, OR PAL EXCEEDANCES SHOWN ON MAP - SEE ANALYTICAL TABLES FOR FURTHER DETAILS.



MONITORING WELLS			
WELL ID	COORDINATES		RM ELEVATION
	N	E	
MW-1	405.61	286.02	874.04
MW-3	527.17	238.45	872.62
MW-4	547.76	312.18	871.86
MW-5	654.98	261.32	866.51
SMP-1	680.91	272.57	852.31

UST TANK INFORMATION			
TANK NO.	VOLUME (GALLONS)	PRODUCT	STATUS
1	12,000	PREMIUM UNLEADED GASOLINE	REMOVED
2	12,000	UNLEADED GASOLINE	REMOVED
3	3,000	UNLEADED GASOLINE	REMOVED
4	4,000	DIESEL	REMOVED
5	-	WASTE OIL	REMOVED

DRAWING FILENAME: 10707PZ2  
 DRAWING NUMBER: 10707PZ2  
 PROJECT NUMBER: E-WASTE-VARIABLES-CLOSURE  
 SHEET NUMBER: 5/10

1	04/20/00	CASE CLOSURE	J.E.	04/00	DRR	04/00				PL 5/00
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK				

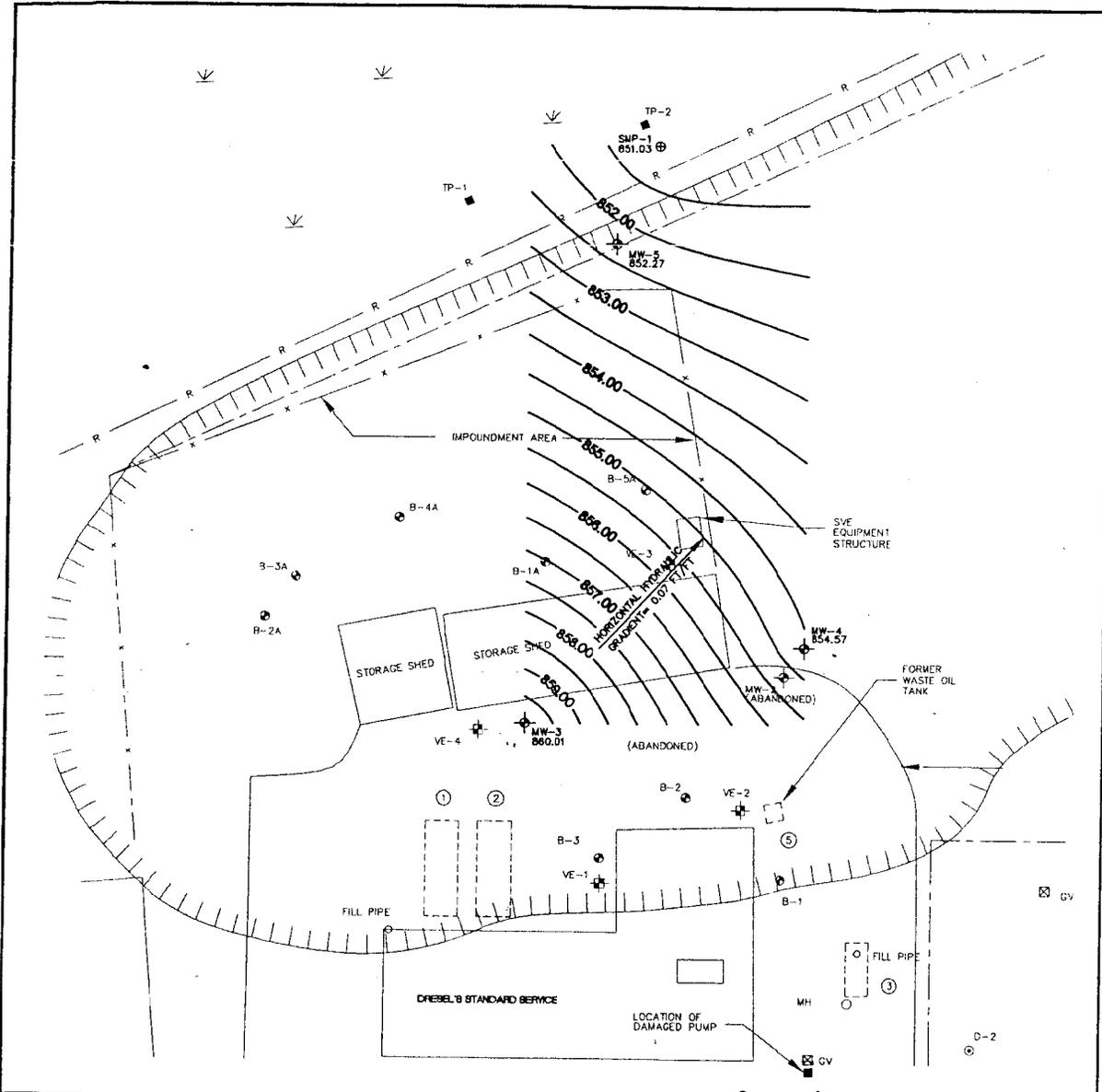


**DRESEL'S STANDARD SERVICE  
CASE CLOSURE**

**FIGURE 5  
SOIL/ GROUNDWATER  
SAMPLE LOCATIONS**

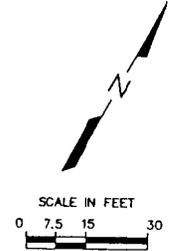
PROJ. NO. DRELSLS	5
DATE	04/20/00
	6

DRAWING NO. 1511 WASTE, DRESEL'S CLOSURE  
 DRAWING DATE: 04/20/00  
 SHEET NO. 6



**LEGEND:**

- 854.00 — GROUNDWATER ELEVATION CONTOUR  
CONTOUR INTERVAL = 0.50 FT
- MW-3 860.01 GROUNDWATER MONITORING WELL LOCATION AND NUMBER  
WITH WATER ELEVATION AS OF 12/99
- SMP-1 851.03 TEMPORARY GROUNDWATER SAMPLE POINT LOCATION AND NUMBER  
WITH WATER ELEVATION AS OF 12/99
- VE-4 VAPOR EXTRACTION WELL LOCATION AND NUMBER
- D-1 SOIL BORING BY AQUA-TECH
- B-3 SOIL BORING LOCATION AND NUMBER BY SEH
- TP-1 TEST PIT LOCATION AND NUMBER
- 4K FORMER UST SIZE AND APPROX. LOCATION
- MH MANHOLE
- 1 GRID CONTROL POINT
- IRON IRON PIPE
- GV GAS VENT FOR UST
- STORM SEWER
- - - APPROXIMATE PROPERTY LINE
- R - R RAILROAD TRACKS
- > - DRAINAGE WAY
- X - X FENCE LINE
- WETLAND
- HYDRANT



**NOTES:**

- 1) SITE LOCATION: NW 1/4, NW 1/4, SECTION 8, T 28 N, R 8 W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN.
- 2) TOPOGRAPHIC BASE MAP PREPARED FROM SURVEY BY SEH, INC. DATE OF SURVEY - JULY 25, 1991
- 3) HORIZONTAL DATUM BASED ON SITE SPECIFIC GRID USING THE GRID CONTROL POINTS LISTED BELOW.
- 4) SANITARY SEWER LOCATIONS PROVIDED BY THE CITY OF CHIPPEWA FALLS.

MONITORING WELLS			
WELL ID	COORDINATES		RIM ELEVATION
	N	E	
MW-1	405.61	286.02	874.04
MW-3	527.17	238.45	872.62
MW-4	547.76	312.18	871.86
MW-5	654.98	261.32	866.51
SMP-1	680.91	272.57	852.31

UST TANK INFORMATION			
TANK NO.	VOLUME (GALLONS)	PRODUCT	STATUS
1	12,000	PREMIUM UNLEADED GASOLINE	REMOVED
2	12,000	UNLEADED GASOLINE	REMOVED
3	3,000	UNLEADED GASOLINE	REMOVED
4	4,000	DIESEL	REMOVED
5	--	WASTE OIL	REMOVED

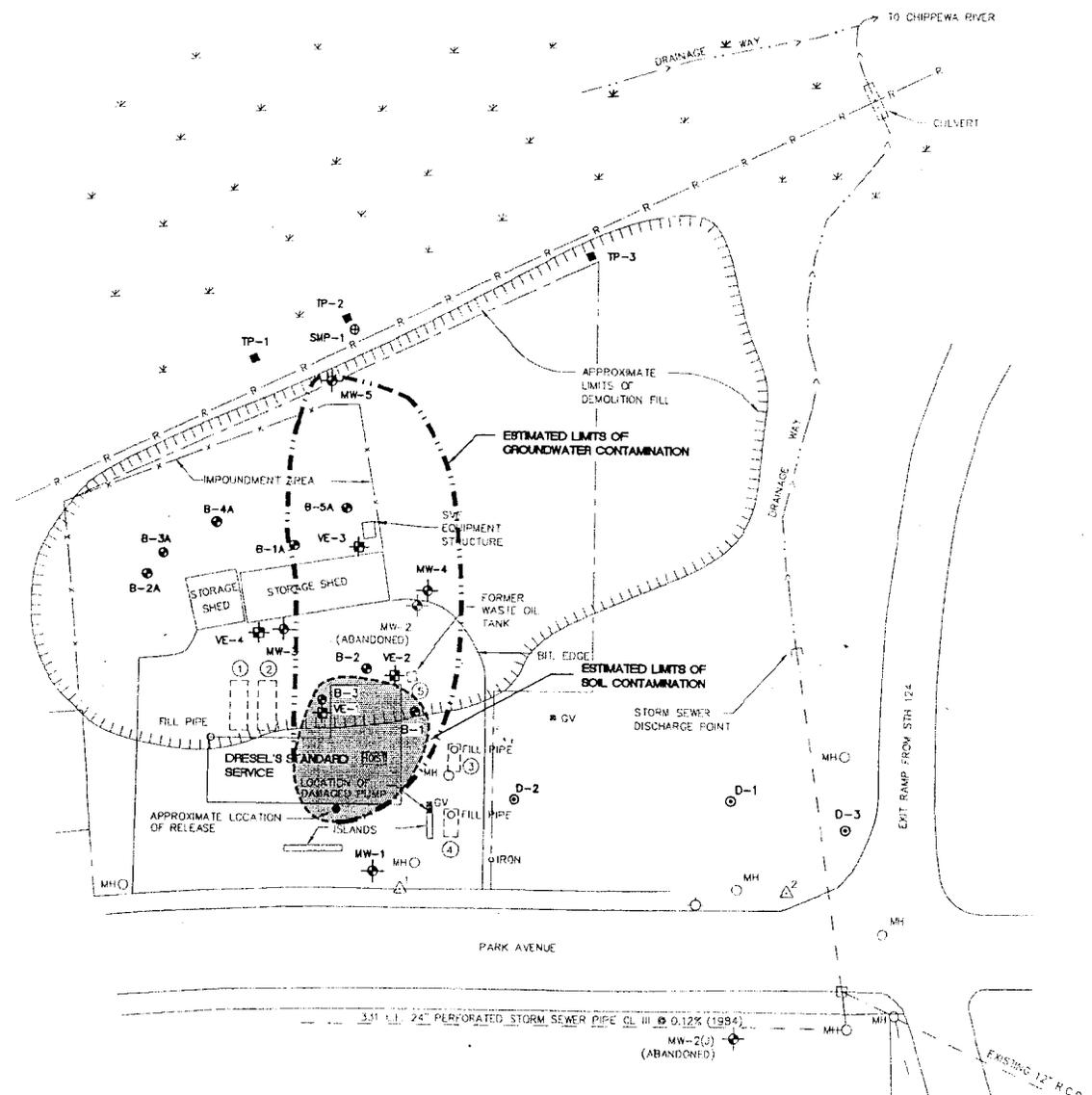
1	04/20/00	CASE CLOSURE	J.E	04/00	DRR	04/00	FC	5/00
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK		



**DRESEL'S STANDARD SERVICE  
CASE CLOSURE**

**FIGURE 4  
GROUNDWATER CONTOURS**

PROJ. NO. DRESEL'S	4
DATE 04/20/00	
	6

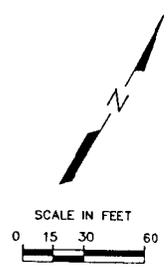


**LEGEND:**

- MW-1 GROUNDWATER MONITORING WELL LOCATION AND NUMBER
- SNP-1 TEMPORARY GROUNDWATER SAMPLE POINT LOCATION AND NUMBER
- VE-4 VAPOR EXTRACTION WELL LOCATION AND NUMBER
- D-1 SOIL BORING BY AQUA-TECH
- B-3 SOIL BORING LOCATION AND NUMBER BY SEH
- TP-1 TEST PIT LOCATION AND NUMBER
- FORMER UST SIZE AND APPROX. LOCATION
- MH MANHOLE
- GRID CONTROL POINT
- IRON IRON PIPE
- GV GAS VENT FOR UST
- STORM SEWER
- APPROXIMATE PROPERTY LINE
- RAILROAD TRACKS
- DRAINAGE WAY
- FENCE LINE
- WETLAND
- HYDRANT

**NOTES:**

- 1) SITE LOCATION: NW 1/4, NW 1/4, SECTION 8, T 28 N, R 8 W, CITY OF CHIPPEWA FALLS, CHIPPEWA COUNTY, WISCONSIN.
- 2) TOPOGRAPHIC BASE MAP PREPARED FROM SURVEY BY SEH, INC. DATE OF SURVEY - JULY 25, 1991
- 3) HORIZONTAL DATUM BASED ON SITE SPECIFIC GRID USING THE GRID CONTROL POINTS LISTED BELOW.
- 4) SANITARY SEWER LOCATIONS PROVIDED BY THE CITY OF CHIPPEWA FALLS.



MONITORING WELLS			
WELL ID	COORDINATES		RM ELEVATION
	N	E	
MW-1	405.61	286.02	874.04
MW-3	527.17	238.45	872.62
MW-4	547.76	312.18	871.86
MW-5	654.98	261.32	866.51
SMP-1	680.91	272.57	852.31

UST TANK INFORMATION			
TANK NO.	VOLUME (GALLONS)	PRODUCT	STATUS
1	12,000	PREMIUM UNLEADED GASOLINE	REMOVED
2	12,000	UNLEADED GASOLINE	REMOVED
3	3,000	UNLEADED GASOLINE	REMOVED
4	4,000	DIESEL	REMOVED
5	-	WASTE OIL	REMOVED

DRAWING FILE NAME: 1070983.D  
 PROJECT LOCATION: E. WASTE TANKS (OLD) AREA  
 SHEET NUMBER: 6

1	04/20/00	CASE CLOSURE	JLE	04/00	DRR	04/00				
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK				



**DRESEL'S STANDARD SERVICE  
CASE CLOSURE**

**FIGURE 6  
ESTIMATED LIMITS OF SOIL  
AND GROUNDWATER  
CONTAMINATION**

PROJ. NO. **6**  
 DRESEL'S  
 DATE  
 04/20/00  
**6**

Table 1  
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																										
			MW-1						MW-2						MW-3														
	ES	PAL	5/7/91	6/11/92	1/21/93	4/21/93	6/28/93	5/7/91	6/11/92	1/21/93	4/21/93	6/28/93	12/16/93	3/21/94	7/6/94	10/3/95	5/7/91	6/11/92	1/21/93	4/21/93	6/28/93	12/16/93	7/6/94	10/3/95	8/4/99	9/21/99	12/14/99	1/17/00	
GRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<50	100	156	94.3
PVOCs (µg/l)																													
Benzene	5.0	0.5	12.4	<0.5	<0.5	<0.47	<0.47	1260	531	4.6	290	130	2390	268	83.8	71.2	26,200	13,200	263	8,600	12,000	5,810	5,950	2,190	<0.15	0.19	0.736	0.387	
Ethylbenzene	700	140	<1.0	<1.0	<1.0	<0.33	<0.33	434	226	6.7	<3.4	<3.4	2,140	292	78.3	148	3,180	1,690	1,340	1,700	2,000	1,360	1,690	1,640	<0.5	<0.5	1.05	1.11	
Methyl tert butyl ether	60	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<34	<140	--	--	--	<0.3	<0.3	<0.3	<0.3	
Naphthalene	40	8.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.8	<0.8	<0.8	<0.8	
Toluene	1000	200	<0.5	<0.5	<0.5	<0.5	1.3	2720	333	2.2	100	70	3,250	467	10	20.3	34,900	8,900	3,870	3,700	2,400	962	586	840	<0.4	4.9	6.89	2.70	
Total Trimethylbenzenes	480	96	--	--	--	--	--	--	--	--	167	113	--	--	--	519.20	200.9	317	--	1,350	1,620	--	2,081	1,930	<0.55	0.61	1.62	2.34	
Total Xylenes	10000	1000	<2.0	<2.0	<1.0	<1.4	<1.4	2,012	786	41.3	520	250	11,010	1,698	400.3	721.1	14,390	12,080	8,130	8,000	9,300	6,490	7,140	6,201	<0.4	0.32	2.161	2.456	

Analytical Parameters	NR 140 Standards		Well No./Sampling Date												
			MW-4			MW-5				TP-1	TP-2	TP-3	SMP-1		
	ES	PAL	8/4/99	9/21/99	12/4/99	8/4/99	9/21/99	12/4/99	1/17/00	5/7/91	5/7/91	5/7/91	12/14/99	1/17/00	
GRO (µg/l)	NSE	NSE	3,650	2,430	2,850	<50	<50	85.1	62.1	--	--	--	<50	<50	
PVOCs (µg/l)															
Benzene	5.0	0.5	105	172	359	791	38	54	162	118	120	233	<0.15	<0.15	
Ethylbenzene	700	140	149	70.8	69.6	<0.5	<0.5	<0.5	<0.5	2.0	103	14.6	<0.5	<0.5	
Methyl tert butyl ether	60	12	<3.0	<1.5	<1.50	<0.3	<0.3	<0.3	<0.3	--	--	--	<0.3	<0.3	
Naphthalene	40	8.0	512	469	39.8	<0.8	<0.8	<0.8	<0.8	--	--	--	<0.8	<0.8	
Toluene	1000	200	9.85	15.3	14.4	<0.4	<0.4	<0.4	<0.4	<0.5	<5.0	197	<0.4	<0.4	
Total Trimethylbenzenes	480	96	680	510	287	1.01	0.62	<0.4	<0.4	--	--	--	<0.4	<0.4	
Total Xylenes	10000	1000	781.5	718.1	868	0.61	0.45	<0.4	<0.4	8.7	236	178	<0.4	<0.4	

NSE = No standard established  
BDL = Below laboratory detection limit  
-- = Not analyzed for  
12.4 = Exceeds ch. NR 140 Enforcement Standard (ES)  
197 = Exceeds ch. NR 140 Preventive Action Limit (PAL)  
Compiled by: DRR Checked by: TJB

P:\proj91070\gwana\res.xls

**Table 2  
Soil Analytical Results**

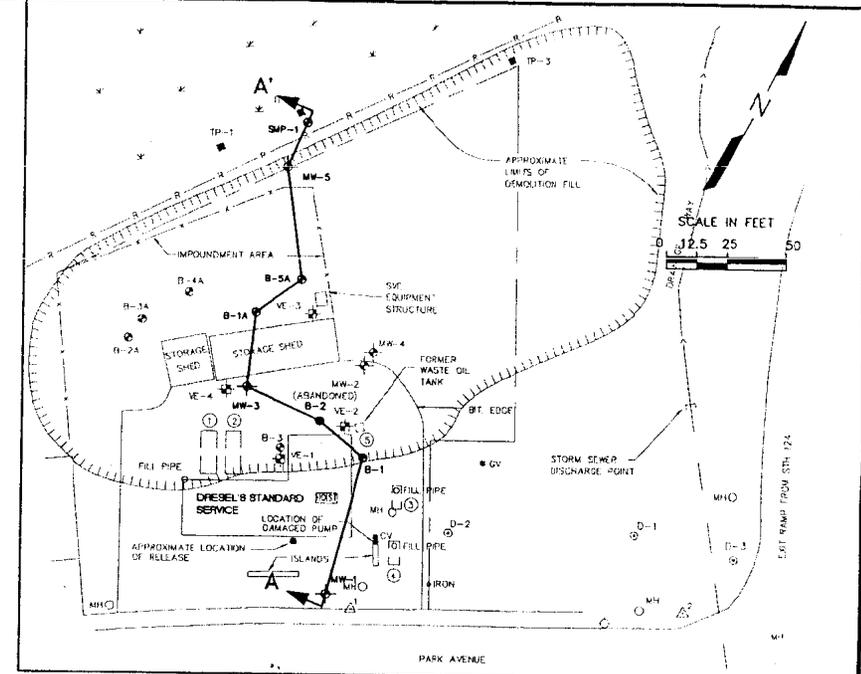
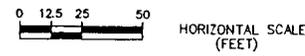
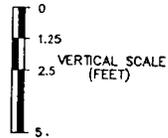
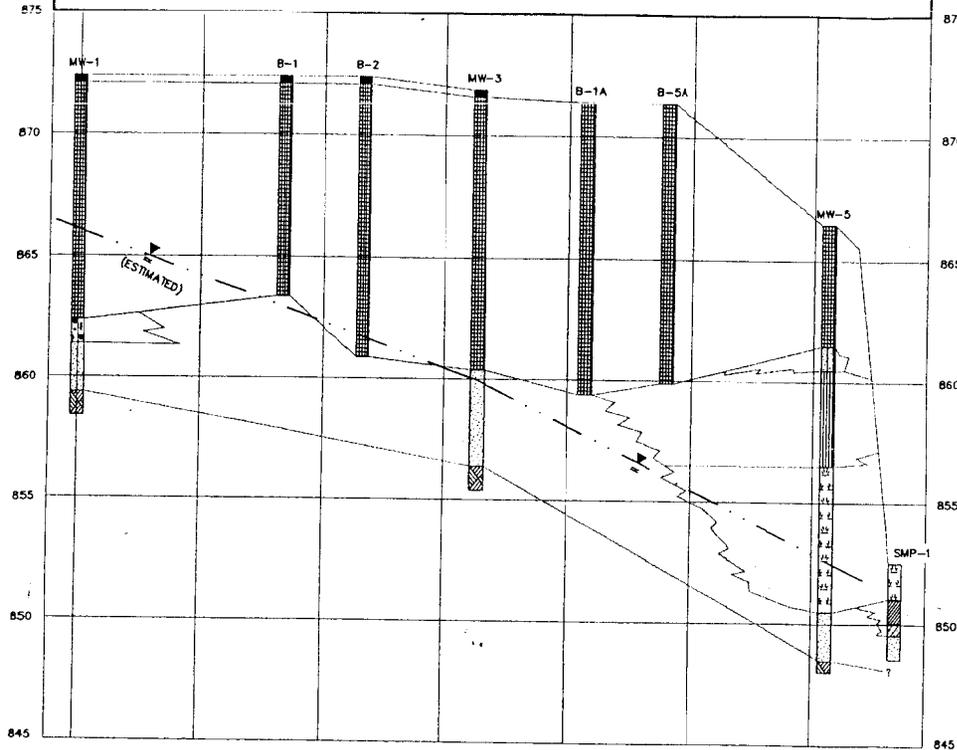
Analytical Parameters	ch. NR 720 Soil Cleanup Standards	Boring No./Depth (ft)/Date					
		B-1 (7.5-9.5')	B-2 (10-11.5')	B-3 (7.5-9')	MW-6-1 (Stockpile)	SP-1 (Stockpile)	
		9/24/90			2/27/99	7/27/99	6/7/99
GRO (mg/kg)	100	--	--	--	--	<6.7	103
TPH (Gasoline)	NSE	4,850	<6.0	8,050	<6.7	--	--
TPH (Diesel)	NSE	<6.0	<6.0	<6.0	--	--	--
<b>PVOCs (mg/kg)</b>							
Benzene	0.0055	--	--	--	<4.0	<0.034	0.223
Ethylbenzene	2.9	--	--	--	<3.0	<0.034	0.538
Methyl tert butyl ether	NSE	--	--	--	<18	<0.034	<0.117
Toluene	1.5	--	--	--	<8.0	<0.034	<0.117
1,2,4-Trimethylbenzene	NSE	--	--	--	<3.0	<0.064	4.527
1,3,5-Trimethylbenzene	NSE	--	--	--	--	<0.064	1.519
Total Xylenes	4.1	--	--	--	<6.0	<0.064	3.619
NSE = No standard established -- = Not analyzed for Compiled by: <u>DRR</u> Checked by: <u>TJB</u>							

P:\proj\91070\soilres.xls

A  
SOUTH

SECTION A-A'  
VIEWING WEST

A'  
NORTH



NOTES:

- ELEVATIONS ARE SHOWN IN REFERENCE TO SITE DATUM.
- 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.
- HORIZONTAL DISTANCES ARE MEASURED WITH RESPECT TO THE CENTER OF EACH SOIL BORING LOCATION.
- GROUNDWATER ELEVATIONS ARE BASED ON MEASUREMENTS OBTAINED BY SEH IN 12/99.

LEGEND

- ASPHALT
- =SC CLAYEY SAND
- =ML SILT
- =SM SILTY SAND
- =SP SAND
- FILL
- =PT PEAT
- =CL SANDY CLAY
- GRAVEL
- WATER TABLE ELEVATION AS OF 12/99

DRAWING FILE NAME: 10707001  
DRAWING NUMBER: 04/20/00 CASE CLOSURE  
DRAWN BY: J.E.  
DESIGN: DRR  
DATE: 04/20/00

NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK
1	04/20/00	CASE CLOSURE	J.E.	DRR		



DRESEL'S STANDARD SERVICE  
CASE CLOSURE

FIGURE 3  
CROSS-SECTION

PROJ. NO. DRESELS	3
DATE	04/20/00