

**GIS REGISTRY INFORMATION**

**SITE NAME:** IOCO (Citgo) Cassville

**BRRTS #:** 03-22-000120 **FID # (if appropriate):**

**COMMERCE # (if appropriate):**

**CLOSURE DATE:** 20-Jan-1999

**STREET ADDRESS:** 704 East Amelia Street

**CITY:** Cassville

**SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):** X= 439420 Y= 249150

<b>CONTAMINATED MEDIA:</b>	Groundwater	<input checked="" type="checkbox"/>	Soil	<input type="checkbox"/>	Both	<input type="checkbox"/>
<b>OFF-SOURCE GW CONTAMINATION &gt;ES:</b>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>
<b>OFF-SOURCE SOIL CONTAMINATION &gt;Generic or Site-Specific RCL (SSRCL):</b>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>
<b>CONTAMINATION IN RIGHT OF WAY:</b>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>

**GIS Information Compiled Retroactively - Not all information available**

**DOCUMENTS NEEDED:**

Closure Letter, and any conditional closure letter or denial 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	na
County Parcel ID number, if used for county, for all affected properties	na
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)	na
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.	x
GW: Table of water level elevations, with sampling dates, and free product noted if present	na
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	na
Geologic cross-sections, if required for SI. (8.5x14" if paper copy)	x
RP certified statement that legal descriptions are complete and accurate	na
Copies of off-source notification letters (if applicable)	na
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	na
Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure	na
Copy of any maintenance plan referenced in the deed restriction.	na



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
Ruthe E. Badger, Regional Director

11/4/97  
South Central Region Headquarters  
and Madison Fish Hatchery Office  
3911 Fish Hatchery Road  
Fitchburg, Wisconsin, 53711-5397  
TELEPHONE 608-275-3266  
FAX 608-275-3338  
TDD 608-275-3231

January 20, 1999

File: 03-22-000120

Name: Ioco (Citgo) Cassville

Mr. John Noel  
Iowa Oil Company  
P.O. Box 712  
Dubuque, IA 52004

SUBJECT: Final Closure for Ioco Cassville, East Amelia and Crawford St., Cassville, WI

Dear Mr. Noel:

On October 19, 1998, the above mentioned site was reviewed by the Department of Natural Resource's South Central Region Closure Committee and was granted a conditional closure. The conditional closure letter (dated October 27, 1998) that was sent to you granted you a PAL exemption and also contained the condition that all monitoring wells be properly abandoned according to ch. NR 141 Wisconsin Administrative code.

Based on the correspondence and data provided, you have complied with the condition and you are granted final closure. No further investigation, remediation, or other action is required at this time.

Please be aware that this letter does not absolve the current or any future owner of this property from future decisions regarding this site or impacts which may be discovered and/or traced back to past or future activities at this site. If in the future the Department receives information which demonstrates that additional environmental work is necessary, the Department has the authority to require, and will require, the additional actions to complete the additional environmental work.

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

Sincerely,

Paul L. Kozol, P.E.  
Remediation and Redevelopment Engineer  
South Central Region  
Phone: (608) 275-3301

C: Kurt D. McClung, P.G., P.E. - Delta

669759

GRANT COUNTY, WI  
RECEIVED FOR RECORD

JUL 20 2004

at 10:48A recorded in  
Vol. 1031 of Records Page 755  
Marilyn Pierce Register

1300A  
EAN

Preparer Information: Michael Dalton, Monarch Title Co., Inc., 320 E. Broadway, Suite D, Columbia, MO 65201 (573) 441-0725

Address Tax Statement: Russel Nelson and Sheila Nelson, 831 County Road IG, Livingston, WI 53554

(Space above reserved for Recorder of Deeds Certification)

SPECIAL WARRANTY DEED

This Deed, made and entered into this 9th day of July, 2004, by and between

Iowa Oil Company

Grantors,

And

Russel Nelson and Sheila Nelson, Husband and Wife

Grantees,

(Grantee's mailing address is: 831 County Road IG, Livingston, Wisconsin 53554)

WITNESSETH: That the said Grantors, for and in consideration of the sum of ten dollars and other valuable considerations paid by the said Grantee, the receipt of which is hereby acknowledged, do by these presents Sell and Convey unto the said Grantee, the following described real estate situated in the County of Grant in the State of Wisconsin to-wit:

A piece or parcel of land described as follows:

COMMENCING at the Northwest corner of Out Lot Ten (10) in Fractional Section Twenty-nine (29), Township Three North (3N), Range Five West (5W), Grant County, Wisconsin, being also in the Village of Cassville, in said County; thence South 55°00' East along the Southern boundary line of Amelia Street, such line also being the Northerly line of said Out Lot Ten (10) for 100 feet; thence South 35°00' West, 100 feet along a line parallel with the West line of Out Lot Ten (10); thence North 55°00' West, 100 feet along a line parallel with the North line of said Out Lot Ten (10); thence North 35°00' East, 100 feet along the West line of said Out Lot Ten (10) to the PLACE OF BEGINNING, Grant County Records.

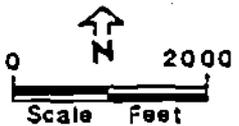
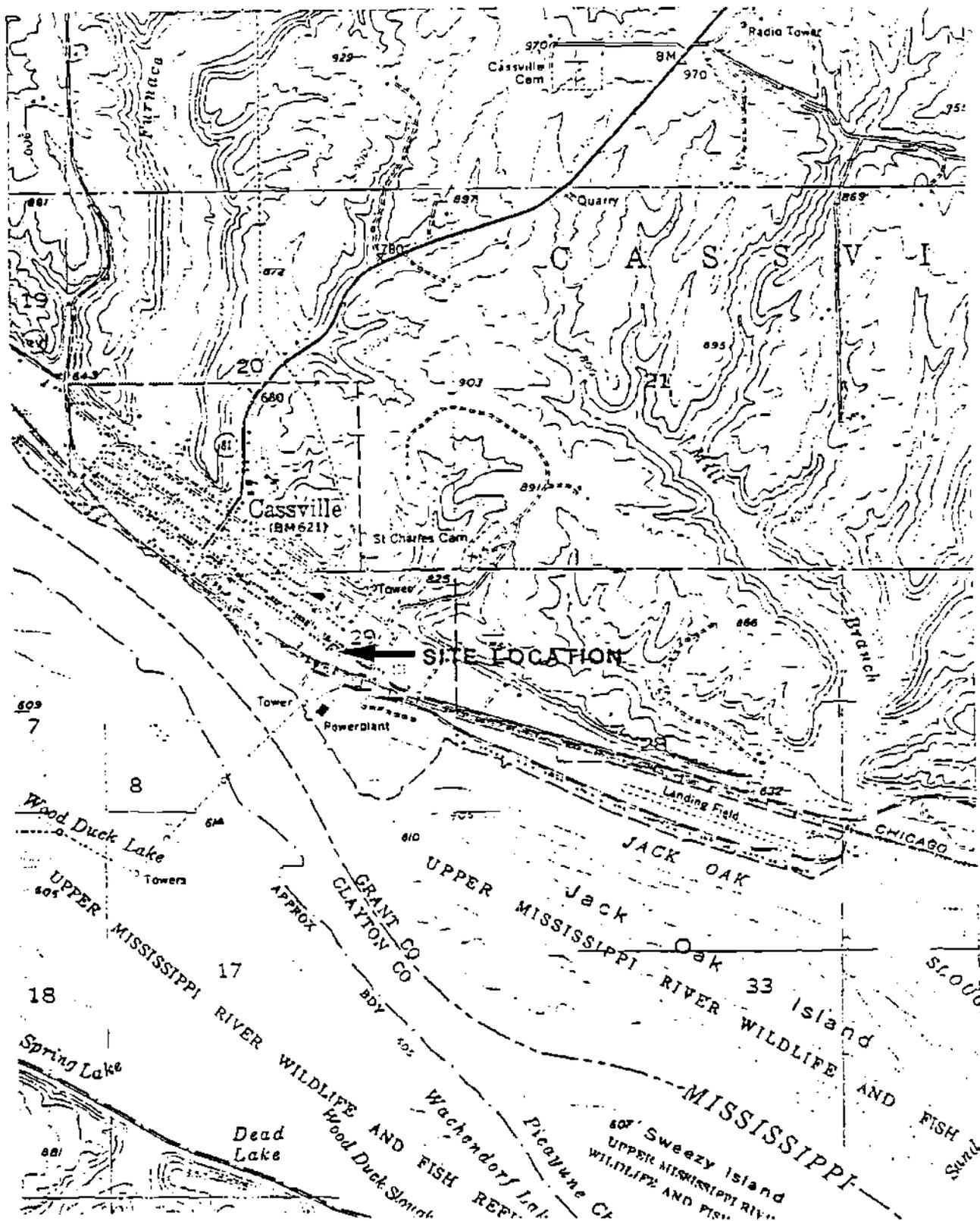
Property Address: 704 Amelia Street, Cassville, Wisconsin 53806-9537

TO HAVE AND TO HOLD the same together with all the rights, immunities, privileges and appurtenances to the same belonging unto the said Grantee, and to its successors and assigns, forever; the said Grantors hereby covenanting that said premises are free and clear of any encumbrances done or suffered by Grantors; and that Grantors will warrant and defend the title to said premises unto the said Grantee and unto its heirs and assigns forever, against the lawful claims and demands of all persons claiming under Grantors.

State Transfer  
Fee Paid  
\$ 74.40  
WT

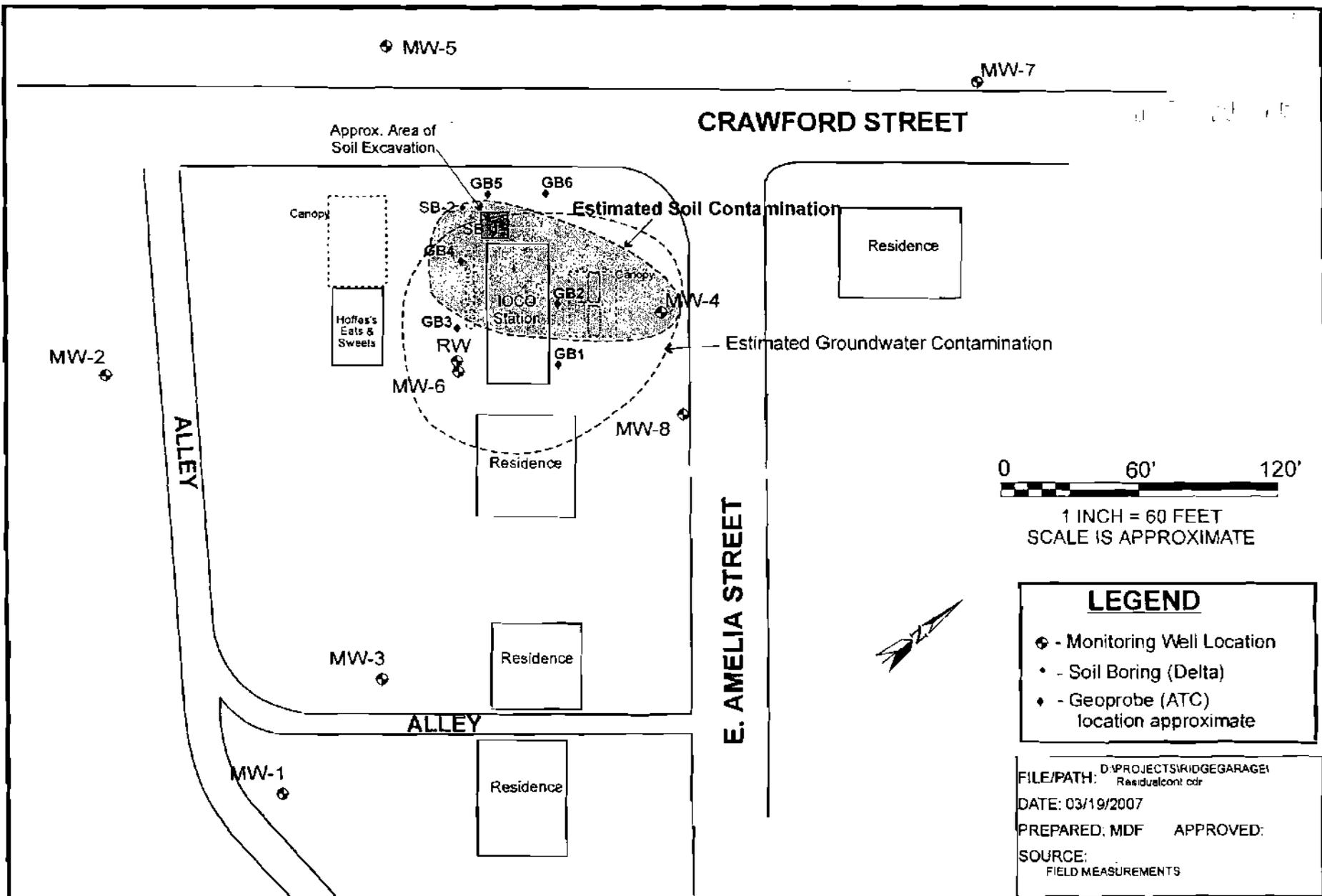


FIGURE 1  
 SITE LOCATION MAP  
 IOCO CITGO  
 CASSVILLE, WISCONSIN  
 DELTA NO. 10-87-185



CASSVILLE QUADRANGLE  
 WISCONSIN—IOWA





SEYMOUR  
 ENVIRONMENTAL  
 SERVICES, INC.

ESTIMATED CONTAMINATION  
 CITGO-IOCO  
 704 East Amelia Street  
 Cassville, Wisconsin

FIGURE

4

IOCO Cassville – Phase II Assessment Soil & Water Sampling Results  
February 3, 2004

Sample ID (14-16' bgs)	Benzene (ppb)	Ethylbenzene (ppb)	Toluene (ppb)	1,2,4-TMB (ppb)	1,3,5-TMB (ppb)	Xylenes (ppb)
<b>Soil</b>						
GB1	<26	<26	<26	<26	<26	<79
GB-2	<b>60</b>	35	<31	33	<31	167
GB-3	<32	159	42	432	100	922
GB-4	<28	1760	915	6390	1760	<b>11,000</b>
GB-5	<32	<32	<32	124	45	<92
GB-6	<28	<28	<28	<28	<28	<83
NR720	0.0055	2900	1500	NSS	NSS	4100
NR746 – Table 1	8500	4600	38,000	83,000	11,000	42,000
NR746 – Table 2	1100	4600	38,000	83,000	11,000	42,000
<b>Water (ug/L)</b>						
GB-1	<i>320</i>	<i>970</i>	<i>1600</i>	<i>610</i>	<i>150</i>	<i>2700</i>
GB-2	<i>200</i>	<i>370</i>	180	<i>260</i>	<i>92</i>	620
GB-3	<i>64</i>	<i>210J</i>	29	61	3.8	100
GB-4	<i>9.3</i>	<i>200</i>	110	<i>490</i>	<i>130</i>	810
PAL	0.5	140	200	96 combined		10,000
ES	5.0	700	1000	480 combined		1000

Bold – Above NR 720/PAL

Bold Italics -- Above NR 746/ES

**TABLE 2**  
**GROUND WATER ANALYTICAL RESULTS SUMMARY**  
 Citgo-IOCO  
 Cassville, Wisconsin  
 Delta No. 1096-S08

MW-1											
DATE	BENZENE	TOLUENE	ETHYL- BENZENE	XYLENES	THC/ GRO	1,3,5-TMB	1,2,4-TMB	DO (ppm)	REDOX (milli Volts)	TOTAL IRON (ppm)	DISSOLVED IRON (ppm)
06/18/87	ND	ND	ND	--	--	--	--	--	--	--	--
06/24/87	--	--	--	--	--	--	--	--	--	--	--
08/27/87	ND	ND	ND	ND	--	--	--	--	--	--	--
09/23/87	<b>GROUND WATER RECOVERY SYSTEM STARTED</b>										
09/24/87	--	--	--	--	--	--	--	--	--	--	--
11/16/87	ND	ND	ND	--	--	--	--	--	--	--	--
12/30/87	--	--	--	--	--	--	--	--	--	--	--
02/05/88	ND	ND	--	ND	ND	--	--	--	--	--	--
03/04/88	--	--	--	--	--	--	--	--	--	--	--
04/06/88	--	--	--	--	--	--	--	--	--	--	--
05/03/88	ND	ND	--	ND	ND	--	--	--	--	--	--
06/02/88	--	--	--	--	--	--	--	--	--	--	--
07/13/88	ND	ND	--	ND	ND	--	--	--	--	--	--
08/09/88	--	--	--	--	--	--	--	--	--	--	--
09/15/88	--	--	--	--	--	--	--	--	--	--	--
10/19/88	--	--	--	--	--	--	--	--	--	--	--
11/09/88	ND	ND	ND	ND	ND	--	--	--	--	--	--
12/28/88	--	--	--	--	--	--	--	--	--	--	--
01/18/89	--	--	--	--	--	--	--	--	--	--	--
02/27/89	ND	ND	ND	ND	ND	--	--	--	--	--	--
03/21/89	--	--	--	--	--	--	--	--	--	--	--
04/14/89	--	--	--	--	--	--	--	--	--	--	--
05/17/89	ND	ND	ND	ND	ND	--	--	--	--	--	--
08/29/89	ND	ND	ND	ND	ND	--	--	--	--	--	--
11/30/89	ND	ND	ND	ND	ND	--	--	--	--	--	--
02/90	<b>SOIL VAPOR EXTRACTION SYSTEM STARTED</b>										
02/26/90	ND	ND	ND	ND	ND	--	--	--	--	--	--
05/31/90	--	--	--	--	--	--	--	--	--	--	--
08/23/90	--	--	--	--	--	--	--	--	--	--	--
2/90 & 06/9	<b>GROUND WATER RECOVERY AND SVE SYSTEM SHUTOFF</b>										
10/23/91	ND	ND	ND	ND	ND	--	--	--	--	--	--
01/22/92	ND	ND	ND	ND	ND	--	--	--	--	--	--
09/21/92	ND	ND	ND	ND	ND	ND	ND	--	--	--	--
06/15/93	ND	ND	ND	ND	ND	ND	ND	--	--	--	--
09/21/93	ND	ND	ND	ND	--	ND	ND	--	--	--	--
08/31/94	ND	ND	ND	ND	ND	--	--	2.5	--	--	--
12/14/94	ND	ND	ND	ND	ND	--	--	1.0	--	--	--
02/15/95	ND	ND	ND	ND	ND	--	--	1.2	--	--	--
05/16/95	ND	ND	ND	ND	ND	ND	ND	2.1	--	--	--
09/14/95	--	--	--	--	--	--	--	0.9	--	--	--
05/31/96	<0.60	<1.3	<0.55	<2.7	<22	<0.16	<1.1	2.1	--	--	--
11/21/96	--	--	--	--	--	--	--	3.8	120	8.0	4.0
06/06/97	--	--	--	--	--	--	--	4.1	--	--	--
12/11/97	<b>THE WELL CASING IS OBSTRUCTED AT A DEPTH OF 17 FEET.</b>										

TABLE 2  
GROUND WATER ANALYTICAL RESULTS SUMMARY  
Citgo-IOCO  
Cassville, Wisconsin  
Delta No. 1096-508

MW-2											
DATE	BENZENE	TOLUENE	ETHYL- BENZENE	XYLENES	THC/ GRO	1,3,5-TMB	1,2,4-TMB	DO (ppm)	REDOX (milli Volts)	TOTAL IRON (ppm)	DISSOLVED IRON (ppm)
06/18/87	ND	ND	ND	---	---	---	---	---	---	---	---
06/24/87	---	---	---	---	---	---	---	---	---	---	---
08/27/87	ND	ND	ND	ND	---	---	---	---	---	---	---
09/23/87	<b>GROUND WATER RECOVERY SYSTEM STARTED</b>										
09/24/87	---	---	---	---	---	---	---	---	---	---	---
11/16/87	ND	ND	ND	---	---	---	---	---	---	---	---
12/30/87	---	---	---	---	---	---	---	---	---	---	---
02/05/88	ND	ND	---	ND	ND	---	---	---	---	---	---
03/04/88	---	---	---	---	---	---	---	---	---	---	---
04/06/88	---	---	---	---	---	---	---	---	---	---	---
05/03/88	ND	ND	---	ND	ND	---	---	---	---	---	---
06/02/88	---	---	---	---	---	---	---	---	---	---	---
07/13/88	ND	ND	---	ND	ND	---	---	---	---	---	---
08/09/88	---	---	---	---	---	---	---	---	---	---	---
09/15/88	---	---	---	---	---	---	---	---	---	---	---
10/19/88	---	---	---	---	---	---	---	---	---	---	---
11/09/88	ND	ND	ND	ND	ND	---	---	---	---	---	---
12/28/88	---	---	---	---	---	---	---	---	---	---	---
01/18/89	---	---	---	---	---	---	---	---	---	---	---
02/27/89	ND	ND	ND	ND	ND	---	---	---	---	---	---
03/21/89	---	---	---	---	---	---	---	---	---	---	---
04/14/89	---	---	---	---	---	---	---	---	---	---	---
05/17/89	ND	ND	ND	ND	ND	---	---	---	---	---	---
08/29/89	ND	ND	ND	ND	ND	---	---	---	---	---	---
11/30/89	ND	ND	ND	ND	ND	---	---	---	---	---	---
02/90	<b>SOIL VAPOR EXTRACTION SYSTEM STARTED</b>										
02/26/90	ND	ND	ND	ND	ND	---	---	---	---	---	---
05/31/90	---	---	---	---	---	---	---	---	---	---	---
08/23/90	---	---	---	---	---	---	---	---	---	---	---
2/90 & 06/9	<b>GROUND WATER RECOVERY AND SVE SYSTEM SHUTOFF</b>										
10/23/91	---	---	---	---	---	---	---	---	---	---	---
01/22/92	ND	ND	ND	ND	---	ND	ND	---	---	---	---
09/21/92	---	---	---	---	---	---	---	---	---	---	---
06/15/93	ND	ND	ND	ND	ND	ND	ND	---	---	---	---
06/15/93	---	---	---	---	---	---	---	---	---	---	---
09/21/93	ND	ND	ND	ND	---	ND	ND	---	---	---	---
08/31/94	ND	ND	ND	ND	ND	---	---	4.8	---	---	---
12/14/94	ND	ND	ND	ND	ND	---	---	4.9	---	---	---
02/15/95	ND	ND	ND	ND	ND	---	---	4.9	---	---	---
05/16/95	ND	ND	ND	ND	ND	ND	ND	8.6	---	---	---
09/14/95	---	---	---	---	---	---	---	5.4	---	---	---
05/31/96	<0.60	<1.3	<0.55	<2.7	<22	<0.16	<1.1	7.3	---	---	---
11/21/96	---	---	---	---	---	---	---	5.9	118	1.0	1.0
06/06/97	---	---	---	---	---	---	---	6.0	---	---	---
12/11/97	<0.13	<0.20	<0.22	<0.23	<50	<0.29	<0.22	4.6	037	2.0	0.3

**TABLE 2**  
**GROUND WATER ANALYTICAL RESULTS SUMMARY**  
 Cligo-IOCO  
 Cassville, Wisconsin  
 Delta No. 1096-508

MW-3								
DATE	BENZENE	TOLUENE	ETHYL- BENZENE	XYLENES	THC	1,3,5-TMB	1,2,4-TMB	MTBE
06/18/87	--	--	--	--	--	--	--	--
06/24/87	ND	ND	ND	--	--	--	--	--
08/27/87	ND	ND	ND	ND	--	--	--	--
09/23/87	<b>GROUND WATER RECOVERY SYSTEM STARTED</b>							
09/24/87	--	--	--	--	--	--	--	--
11/16/87	ND	ND	ND	--	--	--	--	--
12/30/87	--	--	--	--	--	--	--	--
02/05/88	ND	ND	ND	ND	ND	--	--	--
03/04/88	--	--	--	--	--	--	--	--
04/06/88	--	--	--	--	--	--	--	--
05/03/88	ND	ND	--	ND	ND	--	--	--
06/02/88	--	--	--	--	--	--	--	--
07/13/88	ND	ND	ND	ND	ND	--	--	--
08/09/88	--	--	--	--	--	--	--	--
09/15/88	--	--	--	--	--	--	--	--
10/19/88	--	--	--	--	--	--	--	--
11/09/88	ND	ND	ND	ND	ND	--	--	--
12/28/88	--	--	--	--	--	--	--	--
01/18/89	--	--	--	--	--	--	--	--
02/27/89	ND	ND	ND	ND	ND	--	--	--
03/21/89	--	--	--	--	--	--	--	--
04/14/89	--	--	--	--	--	--	--	--
05/17/89	ND	ND	ND	ND	ND	--	--	--
08/29/89	ND	ND	ND	ND	ND	--	--	--
11/30/89	ND	ND	ND	ND	ND	--	--	--
02/90	<b>SOIL VAPOR EXTRACTION SYSTEM STARTED</b>							
02/26/90	ND	ND	ND	ND	ND	--	--	--
05/31/90	ND	ND	ND	ND	ND	--	--	--
08/23/90	ND	ND	ND	ND	ND	--	--	--
11/28/90	ND	ND	ND	ND	20	--	--	--
2/90 & 06/9	<b>GROUND WATER RECOVERY AND SVE SYSTEM SHUTOFF</b>							
06/26/91	ND	ND	ND	ND	48	--	--	--
WELL ABANDONED								

**TABLE 2**  
**GROUND WATER ANALYTICAL RESULTS SUMMARY**  
 Citgo-IOCO  
 Cassville, Wisconsin  
 Delta No. 1096-508

MW-4											
DATE	BENZENE	TOLUENE	ETHYL- BENZENE	XYLENES	THC/ GRO	1,3,5-TMB	1,2,4-TMB	DO (ppm)	REDOX (milli Volts)	TOTAL IRON (ppm)	DISSOLVED IRON (ppm)
06/24/87	41	60	27	---	---	---	---	---	---	---	---
08/27/87	ND	ND	ND	ND	---	---	---	---	---	---	---
09/23/87	<b>GROUND WATER RECOVERY SYSTEM STARTED</b>										
09/24/87	---	---	---	---	---	---	---	---	---	---	---
11/16/87	ND	ND	ND	---	---	---	---	---	---	---	---
12/30/87	---	---	---	---	---	---	---	---	---	---	---
02/05/88	ND	2	---	ND	ND	---	---	---	---	---	---
03/04/88	---	---	---	---	---	---	---	---	---	---	---
04/06/88	ND	---	---	---	---	---	---	---	---	---	---
05/03/88	31	3	---	48	230	---	---	---	---	---	---
06/02/88	---	---	---	---	---	---	---	---	---	---	---
07/13/88	140	270	---	80	1900	---	---	---	---	---	---
08/09/88	---	---	---	---	---	---	---	---	---	---	---
09/15/88	---	---	---	---	---	---	---	---	---	---	---
10/19/88	---	---	---	---	---	---	---	---	---	---	---
11/09/88	ND	ND	ND	ND	ND	---	---	---	---	---	---
12/28/88	---	---	---	---	---	---	---	---	---	---	---
01/18/89	---	---	---	---	---	---	---	---	---	---	---
02/27/89	32	13	8	91	980	---	---	---	---	---	---
03/21/89	---	---	---	---	---	---	---	---	---	---	---
04/14/89	---	---	---	---	---	---	---	---	---	---	---
05/17/89	680	410	340	76	15000	---	---	---	---	---	---
08/29/89	120	61	41	460	1400	---	---	---	---	---	---
11/30/89	140	27	7	170	1700	---	---	---	---	---	---
02/90	<b>SOIL VAPOR EXTRACTION SYSTEM STARTED</b>										
02/26/90	38	27	18	200	1600	---	---	---	---	---	---
05/31/90	7	9	6	91	800	---	---	---	---	---	---
08/23/90	10	4	4	36	320	---	---	---	---	---	---
11/28/90	6	ND	ND	47	560	---	---	---	---	---	---
2/90 & 06/9	<b>GROUND WATER RECOVERY AND SVE SYSTEM SHUTOFF</b>										
06/26/91	1800	5000	1700	6000	54000	---	---	---	---	---	---
10/23/91	57	14	37	170	2500	---	---	---	---	---	---
01/22/92	160	39	74	280	5300	---	---	---	---	---	---
06/24/92	57	3	6.5	58	---	---	---	---	---	---	---
09/21/92	0.71	<0.5	ND	9.1	---	1.2	0.8	---	---	---	---
12/09/92	30	3.4	1.5	59	---	25	78	---	---	---	---
03/23/93	1.3	ND	7.3	15	---	2.1	14	---	---	---	---
06/15/93	290	9.9	19	290	---	40	140	---	---	---	---
09/21/93	1500	630	880	---	---	270	880	---	---	---	---
08/31/94	60	11	31	190	1100	---	---	3.5	---	---	---
12/14/94	25	6.4	23	140	910	---	---	0.3	---	---	---
02/15/95	12	2.3	15	62	630	---	---	0.2	---	---	---
05/16/95	590	860	470	1800	8400	180	570	0.4	---	---	---
09/14/95	18	<0.65	1.1	48	200	6.5	31	1.1	---	---	---
05/31/96	1100	640	830	2600	11000	240	890	1.7	---	---	---
11/21/96	<0.50	<1.0	<1.0	<3.0	<50	<1.0	<1.0	3.8	111	0.3	0.1
06/06/97	<0.23	<0.20	<0.22	<0.23	<50	<0.29	<0.22	4.1	---	0.2	0.1
12/11/97	0.67	<0.20	0.22	<0.23	<50	0.32	0.29	0.5	036	0.1	0.0

**TABLE 2**  
**GROUND WATER ANALYTICAL RESULTS SUMMARY**  
 Citgo-IOCO  
 Cassville, Wisconsin  
 Delta No. 1096-508

MW-5								
DATE	BENZENE	TOLUENE	ETHYL- BENZENE	XYLENES	THC	1,3,5-TMB	1,2,4-TMB	MTBE
06/24/87	ND	ND	ND	---	---	---	---	---
08/27/87	ND	ND	ND	ND	---	---	---	---
09/23/87	<b>GROUND WATER RECOVERY SYSTEM STARTED</b>							
09/24/87	---	---	---	---	---	---	---	---
11/16/87	ND	ND	ND	---	---	---	---	---
12/30/87	---	---	---	---	---	---	---	---
02/05/88	ND	ND	---	ND	ND	---	---	---
03/04/88	---	---	---	---	---	---	---	---
04/06/88	---	---	---	---	---	---	---	---
05/03/88	ND	ND	---	ND	ND	---	---	---
06/02/88	---	---	---	---	---	---	---	---
07/13/88	ND	ND	ND	ND	ND	---	---	---
08/09/88	---	---	---	---	---	---	---	---
09/15/88	---	---	---	---	---	---	---	---
10/19/88	---	---	---	---	---	---	---	---
11/09/88	ND	ND	ND	ND	ND	---	---	---
12/28/88	---	---	---	---	---	---	---	---
01/18/89	---	---	---	---	---	---	---	---
02/27/89	ND	ND	ND	ND	ND	---	---	---
03/21/89	---	---	---	---	---	---	---	---
04/14/89	---	---	---	---	---	---	---	---
05/17/89	ND	ND	ND	ND	ND	---	---	---
08/29/89	ND	ND	ND	ND	ND	---	---	---
11/30/89	ND	ND	ND	ND	ND	---	---	---
02/90	<b>SOIL VAPOR EXTRACTION SYSTEM STARTED</b>							
02/26/90	ND	ND	ND	ND	ND	---	---	---
05/31/90	---	---	---	---	---	---	---	---
08/23/90	---	---	---	---	---	---	---	---
WELL ABANDONED								

TABLE 2  
GROUND WATER ANALYTICAL RESULTS SUMMARY  
Citgo-IOCO  
Cassville, Wisconsin  
Delta No. 1096-508

MW-6											
DATE	BENZENE	TOLUENE	ETHYL- BENZENE	XYLENES	THC/ GRO	1,3,5-TMB	1,2,4-TMB	DD (ppm)	REDOX (milli Volts)	TOTAL IRON (ppm)	DISSOLVED IRON (ppm)
06/24/87	ND	ND	ND	---	---	---	---	---	---	---	---
08/27/87	ND	5	ND	79	---	---	---	---	---	---	---
09/23/87	GROUND WATER RECOVERY SYSTEM STARTED										
09/24/87	---	---	---	---	---	---	---	---	---	---	---
11/16/87	210	222	ND	---	---	---	---	---	---	---	---
12/30/87	---	---	---	---	---	---	---	---	---	---	---
02/05/88	1300	840	---	430	5600	---	---	---	---	---	---
03/04/88	---	---	---	---	---	---	---	---	---	---	---
04/06/88	---	---	---	---	---	---	---	---	---	---	---
05/03/88	1000	330	---	73	3400	---	---	---	---	---	---
06/02/88	---	---	---	---	---	---	---	---	---	---	---
07/13/88	2300	1800	---	900	17000	---	---	---	---	---	---
08/09/88	---	---	---	---	---	---	---	---	---	---	---
09/15/88	---	---	---	---	---	---	---	---	---	---	---
10/19/88	---	---	---	---	---	---	---	---	---	---	---
11/09/88	1200	170	3	84	5600	---	---	---	---	---	---
12/28/88	---	---	---	---	---	---	---	---	---	---	---
01/18/89	---	---	---	---	---	---	---	---	---	---	---
02/27/89	1800	72	52	0	9200	---	---	---	---	---	---
03/21/89	---	---	---	---	---	---	---	---	---	---	---
04/14/89	---	---	---	---	---	---	---	---	---	---	---
05/17/89	8300	1300	130	630	30000	---	---	---	---	---	---
08/29/89	4600	710	310	430	6000	---	---	---	---	---	---
11/30/89	1700	42	51	0	7100	---	---	---	---	---	---
02/90	SOIL VAPOR EXTRACTION SYSTEM STARTED										
02/26/90	170	12	3	8	620	---	---	---	---	---	---
05/31/90	32	20	2	28	450	---	---	---	---	---	---
08/23/90	ND	ND	ND	ND	ND	---	---	---	---	---	---
11/28/90	2	2	2	7	50	---	---	---	---	---	---
2/90 & 06/9	GROUND WATER RECOVERY AND SVE SYSTEM SHUTOFF										
06/26/91	28	7.6	2.1	51	420	---	---	---	---	---	---
10/23/91	100	ND	ND	3	340	---	---	---	---	---	---
01/22/92	8.6	ND	ND	ND	31	---	---	---	---	---	---
06/24/92	370	6.3	1.1	152	---	---	---	---	---	---	---
09/21/92	140	8.1	ND	55	---	1	8.1	---	---	---	---
12/09/92	22	0.66	ND	2.2	---	ND	ND	---	---	---	---
03/23/93	0.93	ND	ND	ND	---	ND	ND	---	---	---	---
06/15/93	ND	ND	ND	ND	---	ND	ND	---	---	---	---
09/21/93	71	47	ND	---	---	14	58	---	---	---	---
08/31/94	2	ND	ND	ND	ND	---	---	2.9	---	---	---
12/14/94	14	0.61	ND	1.1	51	---	---	0.4	---	---	---
02/15/95	19	76	ND	2.6	52	---	---	3.2	---	---	---
05/16/95	ND	ND	ND	ND	ND	ND	ND	6.8	---	---	---
09/14/95	4.7	<0.65	<0.64	<2.7	22	<0.92	<1.2	3.0	---	---	---
05/31/96	<0.60	<1.3	<0.55	<2.7	<22	<0.16	<1.1	7.5	---	---	---
11/21/96	5.2	<1.0	<1.0	<1.0	<50	<1.0	<1.0	1.8	108	0.1	0.0
06/06/97	<0.23	<0.20	<0.22	<0.23	<50	<0.29	<0.22	2.5	---	0.1	0.0
12/11/97	18	0.37	<0.22	1.7	<50	<0.29	0.44	3.4	032	0.2	0.1

TABLE 2  
GROUND WATER ANALYTICAL RESULTS SUMMARY  
Citgo-IOCO  
Cassville, Wisconsin  
Delta No. 1096-508

MW-7											
DATE	BENZENE	TOLUENE	ETHYL- BENZENE	XYLENES	THC/ GRO	1,3,5-TMB	1,2,4-TMB	DO (ppm)	REDOX (milli Volts)	TOTAL IRON (ppm)	DISSOLVED IRON (ppm)
09/23/87	<b>GROUND WATER RECOVERY SYSTEM STARTED</b>										
09/24/87	ND	ND	ND	---	---	---	---	---	---	---	---
11/16/87	ND	ND	ND	---	---	---	---	---	---	---	---
12/30/87	---	---	---	---	---	---	---	---	---	---	---
02/05/88	ND	ND	---	ND	ND	---	---	---	---	---	---
03/04/88	---	---	---	---	---	---	---	---	---	---	---
04/06/88	---	---	---	---	---	---	---	---	---	---	---
05/03/88	ND	ND	---	ND	ND	---	---	---	---	---	---
06/02/88	---	---	---	---	---	---	---	---	---	---	---
07/13/88	ND	ND	---	ND	ND	---	---	---	---	---	---
08/09/88	---	---	---	---	---	---	---	---	---	---	---
09/15/88	---	---	---	---	---	---	---	---	---	---	---
10/19/88	---	---	---	---	---	---	---	---	---	---	---
11/09/88	ND	ND	ND	ND	ND	---	---	---	---	---	---
12/23/88	---	---	---	---	---	---	---	---	---	---	---
01/18/89	---	---	---	---	---	---	---	---	---	---	---
02/27/89	ND	ND	ND	ND	ND	---	---	---	---	---	---
03/21/89	---	---	---	---	---	---	---	---	---	---	---
04/14/89	---	---	---	---	---	---	---	---	---	---	---
05/17/89	ND	ND	ND	ND	ND	---	---	---	---	---	---
08/29/89	ND	ND	ND	ND	ND	---	---	---	---	---	---
11/30/89	ND	ND	ND	ND	ND	---	---	---	---	---	---
02/90	<b>SOIL VAPOR EXTRACTION SYSTEM STARTED</b>										
02/26/90	ND	ND	ND	ND	ND	---	---	---	---	---	---
05/21/90	---	---	---	---	---	---	---	---	---	---	---
08/23/90	---	---	---	---	---	---	---	---	---	---	---
2/90 & 06/9	<b>GROUND WATER RECOVERY AND SVE SYSTEM SHUTOFF</b>										
10/23/91	---	---	---	---	---	---	---	---	---	---	---
01/22/92	---	---	---	---	---	---	---	---	---	---	---
09/21/92	---	---	---	---	---	---	---	---	---	---	---
06/15/93	---	---	---	---	---	---	---	---	---	---	---
09/21/93	---	---	---	---	---	---	---	---	---	---	---
08/31/94	ND	ND	ND	ND	ND	---	---	5.1	---	---	---
12/14/94	ND	ND	ND	ND	ND	---	---	5.0	---	---	---
02/15/95	ND	ND	ND	ND	ND	---	---	4.8	---	---	---
05/16/95	ND	ND	ND	ND	ND	ND	ND	8.7	---	---	---
09/14/95	---	---	---	---	---	---	---	5.6	---	---	---
05/31/96	<0.60	<1.3	<0.55	<2.7	<22	<0.16	<1.1	7.9	---	---	---
11/21/96	---	---	---	---	---	---	---	6.7	121	0.1	0.0
06/06/97	---	---	---	---	---	---	---	6.6	---	---	---
12/11/97	---	---	---	---	---	---	---	6.3	033	---	---

TABLE 2  
GROUND WATER ANALYTICAL RESULTS SUMMARY  
Citgo-IOCO  
Cassville, Wisconsin  
Delta No. 1096-508

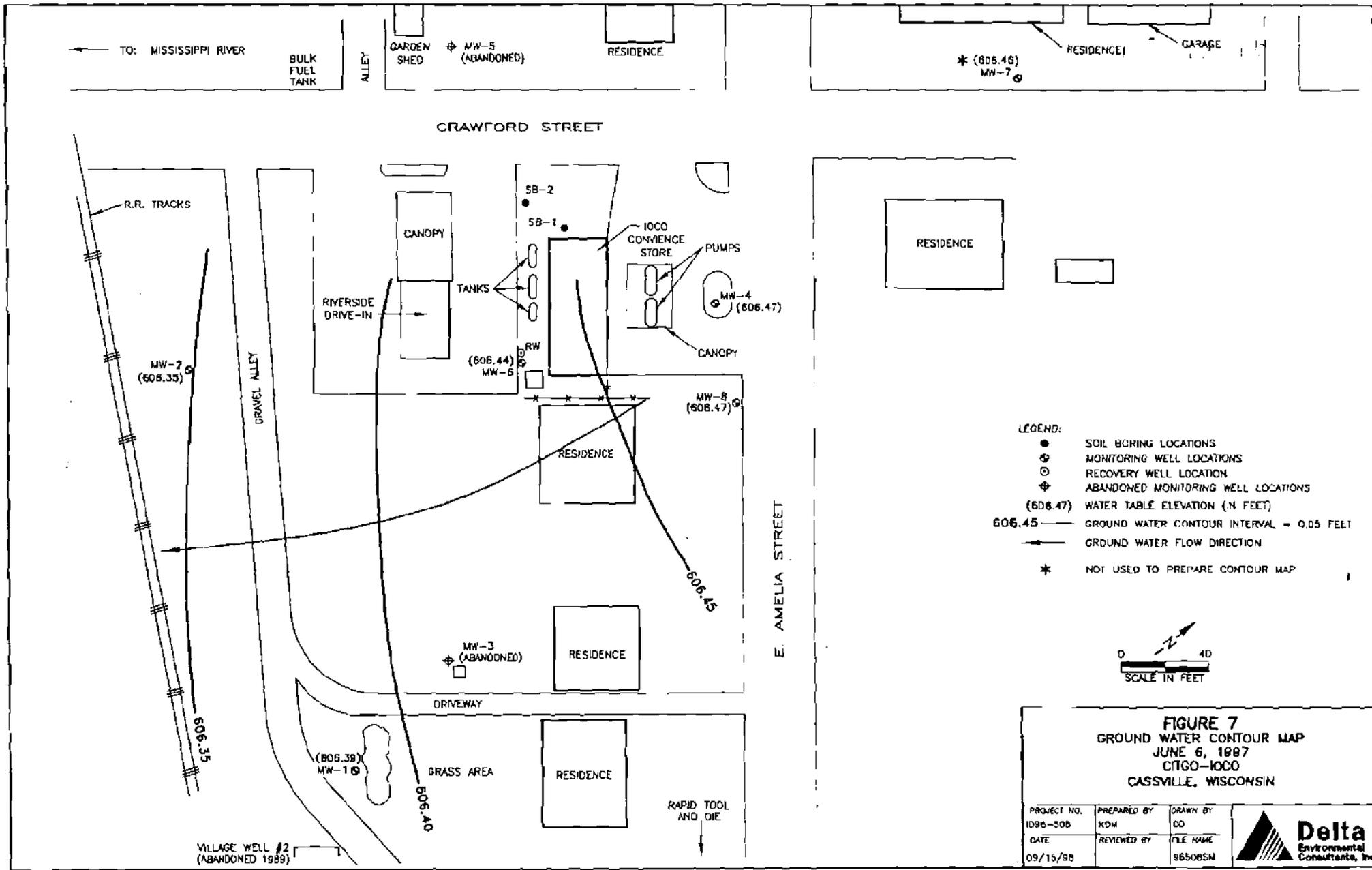
MW-8											
DATE	BENZENE	TOLUENE	ETHYL- BENZENE	XYLENES	THC/ GRO	1,3,5-TMB	1,2,4-TMB	DO (ppm)	REDOX (milli Volts)	TOTAL IRON (ppm)	DISSOLVED IRON (ppm)
09/23/87	<b>GROUND WATER RECOVERY SYSTEM STARTED</b>										
09/24/87	ND	ND	ND	---	---	---	---	---	---	---	---
11/16/87	ND	ND	ND	---	---	---	---	---	---	---	---
12/30/87	---	---	---	---	---	---	---	---	---	---	---
02/05/88	ND	ND	ND	ND	ND	---	---	---	---	---	---
03/04/88	---	---	---	---	---	---	---	---	---	---	---
04/06/88	---	---	---	---	---	---	---	---	---	---	---
05/03/88	ND	ND	ND	ND	ND	---	---	---	---	---	---
06/02/88	---	---	---	---	---	---	---	---	---	---	---
07/13/88	ND	ND	---	ND	ND	---	---	---	---	---	---
08/09/88	---	---	---	---	---	---	---	---	---	---	---
09/15/88	---	---	---	---	---	---	---	---	---	---	---
10/19/88	---	---	---	---	---	---	---	---	---	---	---
11/09/88	ND	ND	ND	ND	ND	---	---	---	---	---	---
12/28/88	---	---	---	---	---	---	---	---	---	---	---
01/18/89	---	---	---	---	---	---	---	---	---	---	---
02/27/89	ND	ND	ND	ND	ND	---	---	---	---	---	---
03/21/89	---	---	---	---	---	---	---	---	---	---	---
04/14/89	---	---	---	---	---	---	---	---	---	---	---
05/17/89	2.0	ND	ND	ND	ND	---	---	---	---	---	---
08/29/89	7.0	2.0	ND	5.0	44	---	---	---	---	---	---
11/30/89	ND	ND	ND	ND	ND	---	---	---	---	---	---
02/90	<b>SOIL VAPOR EXTRACTION SYSTEM STARTED</b>										
02/26/90	ND	ND	ND	ND	ND	---	---	---	---	---	---
05/31/90	ND	ND	ND	ND	ND	---	---	---	---	---	---
08/23/90	ND	ND	ND	ND	ND	---	---	---	---	---	---
11/28/90	1.0	2.0	ND	ND	20	---	---	---	---	---	---
2/90 & 06/9	<b>GROUND WATER RECOVERY AND SVE SYSTEM SHUTOFF</b>										
06/26/91	ND	ND	ND	ND	ND	---	---	---	---	---	---
10/23/91	ND	ND	ND	27	210	---	---	---	---	---	---
01/22/92	ND	ND	ND	ND	ND	---	---	---	---	---	---
09/21/92	---	---	---	---	---	---	---	---	---	---	---
06/15/93	---	---	---	---	---	---	---	---	---	---	---
09/21/93	---	---	---	---	---	---	---	---	---	---	---
08/31/94	ND	ND	ND	1.6	35	---	---	3.0	---	---	---
12/14/94	ND	ND	ND	ND	ND	---	---	0.5	---	---	---
02/15/95	ND	ND	ND	ND	ND	---	---	1.9	---	---	---
05/16/95	ND	ND	ND	ND	ND	ND	ND	8.9	---	---	---
09/14/95	---	---	---	---	---	---	---	5.6	---	---	---
05/31/96	<0.60	<1.3	<0.55	<2.7	<22	<0.16	<1.1	6.3	---	---	---
11/21/96	---	---	---	---	---	---	---	6.7	114	0.4	0.1
06/06/97	<0.23	<0.20	<0.22	<0.23	<50	<0.29	<0.22	6.8	---	0.2	0.1
12/11/97	---	---	---	---	---	---	---	5.2	028	---	---

**TABLE 2**  
**GROUND WATER ANALYTICAL RESULTS SUMMARY**  
 Citgo-IOCO  
 Cassville, Wisconsin  
 Delta No. 1096-508

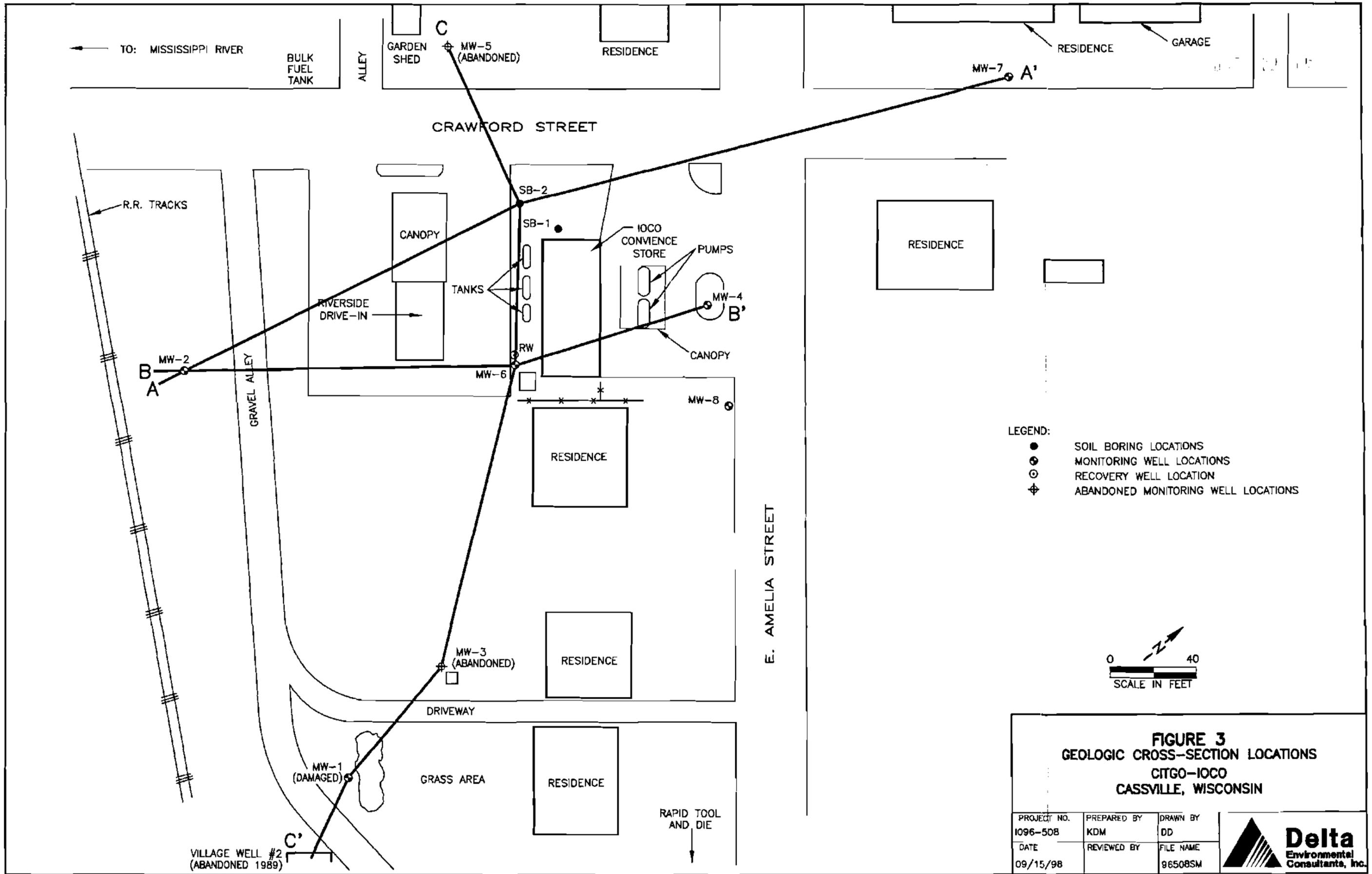
RECOVERY WELL					
DATE	BENZENE	TOLUENE	ETHYL- BENZENE	XYLENES	THC
09/23/87	<b>G.W. RECOVERY SYSTEM STARTED</b>				
12/30/87	17	7	---	12	130
10/19/88	25000	37000	2200	12000	290000
02/28/89	10	12	1	6	120
08/29/89	79	50	8	35	280
11/30/89	48	62	6	34	620
02/90	<b>SOIL VAPOR EXTRACTION SYSTEM STARTED</b>				
02/26/90	16	15	2	10	180
2/90 & 06/9	<b>GROUND WATER RECOVERY AND SVE SYSTEM SHUTOFF</b>				

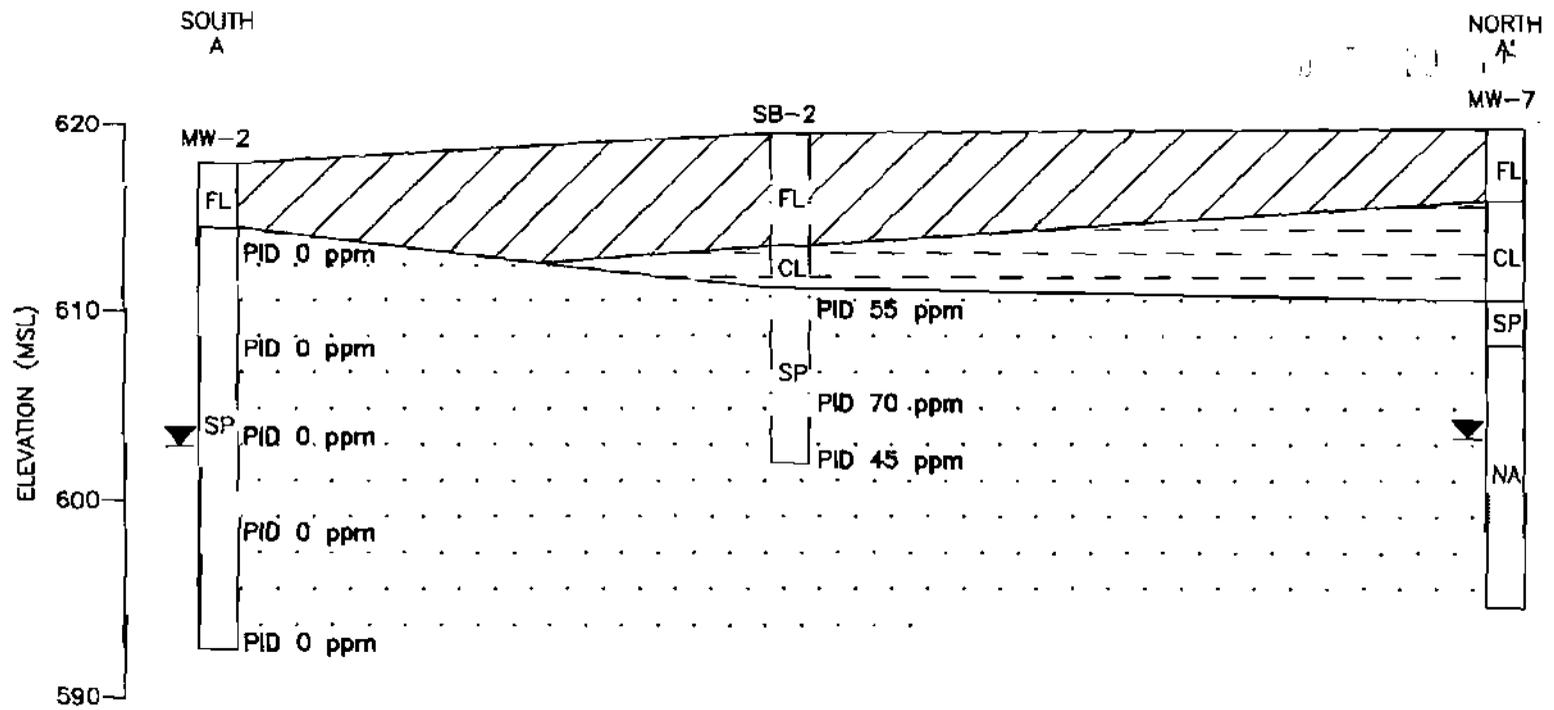
**Notes:**

Units = ug/L (micrograms per liter) except where specified.  
 < = Less than the specified method detection limit.  
 ND = Not detected at or above the method detection limit.  
 THC = Total hydrocarbons  
 GRO = Gasoline Range Organics  
 TMB = Trimethylbenzene  
 MTBE = Methyl tert-butyl ether  
 DO = Dissolved Oxygen  
 REDOX = Reduction/oxidation potential  
 ppm = parts per million  
 [Symbol] = The indicated concentration is greater than or equal to the Wisconsin Administration Code NR 140 enforcement standard (10/96).

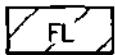
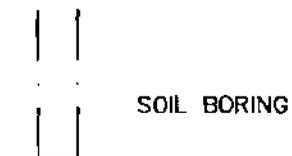




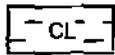




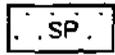
LEGEND:



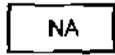
FILL



LEAN CLAY



POORLY GRADED SAND



SOILS NOT ANALYZED

PID = PHOTOIONIZATION DETECTOR READING

▼ WATER TABLE ELEVATION (9/23/89)

SCALE:

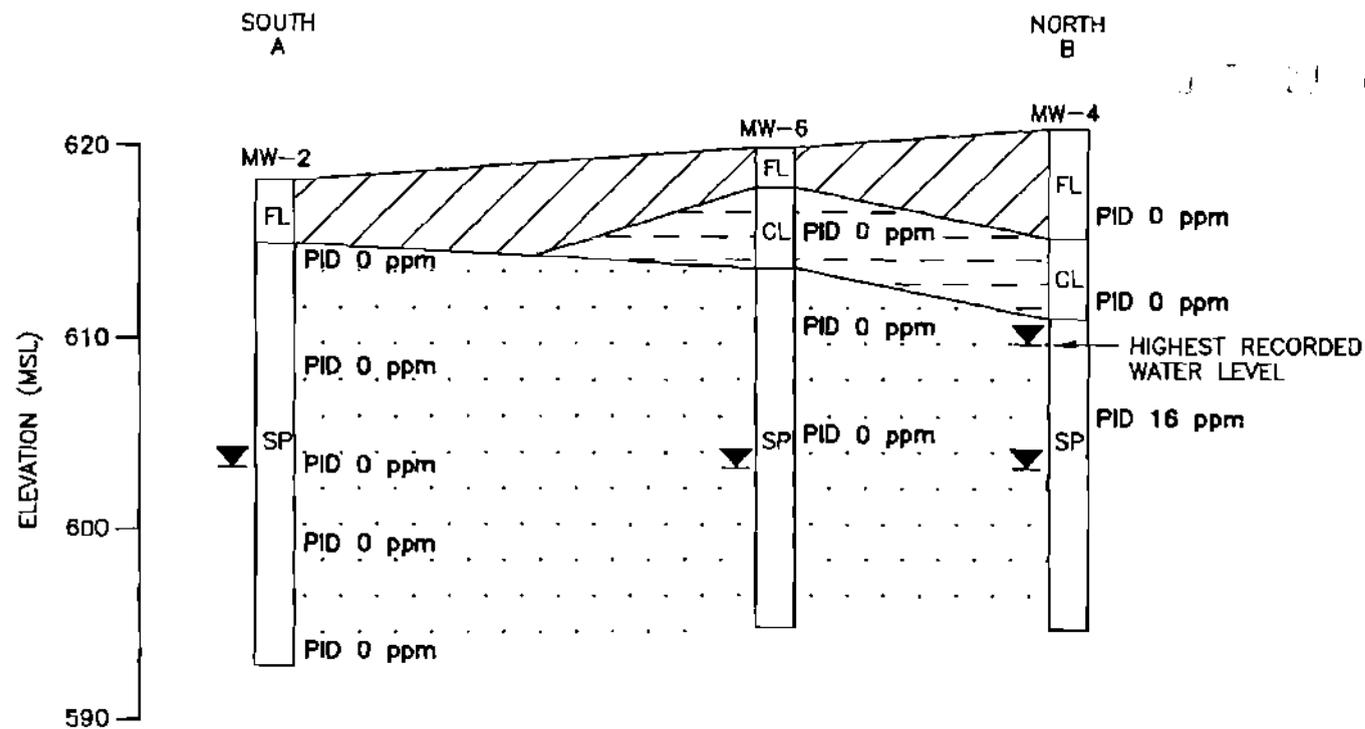
HORIZONTAL: 1"=60'

VERTICAL: 1"=10'

**FIGURE 4**  
**CROSS SECTION A-A'**  
**CITGO-IOCO**  
**CASSVILLE, WISCONSIN**

PROJECT NO. 1096-508	PREPARED BY KDM	DRAWN BY DD
DATE 09/14/98	REVIEWED BY	FILE NAME 96508AA

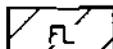




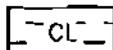
LEGEND:



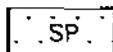
MONITORING WELL



FILL



LEAN CLAY



SAND, POORLY SORTED, MIXED WITH SILT OR GRAVEL

PID = PHOTOIONIZATION DETECTOR READING

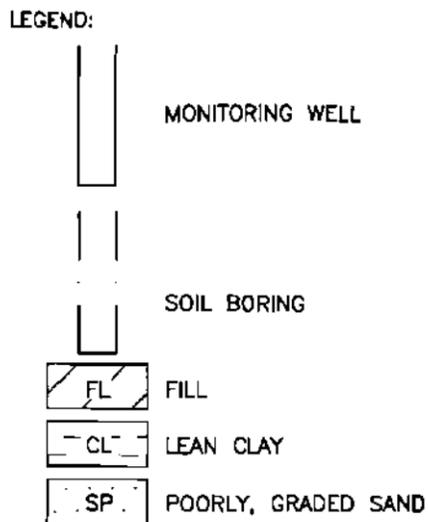
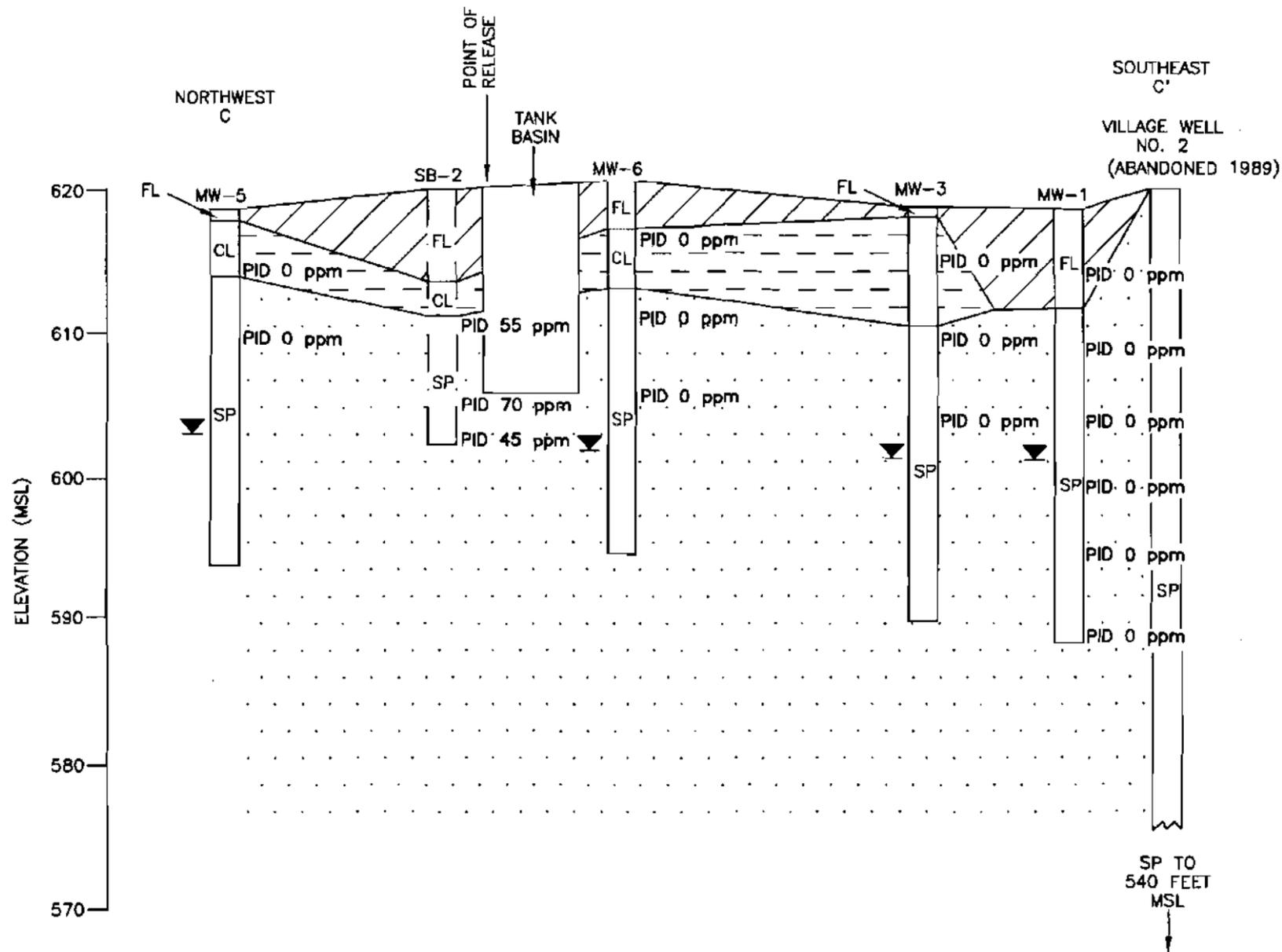
▼ WATER TABLE ELEVATION (9/23/89)

SCALE:

HORIZONTAL: 1"=60'  
VERTICAL: 1"=10'

**FIGURE 5**  
**CROSS SECTION B-B'**  
**CITGO-1000**  
**CASSVILLE, WISCONSIN**

PROJECT NO. 1096-508	PREPARED BY KDM	DRAWN BY DD	 <b>Delta</b> Environmental Consultants, Inc.
DATE 09/15/98	REVIEWED BY	FILE NAME 98508AB	



PID = PHOTOIONIZATION DETECTOR READING  
 ▼ WATER TABLE ELEVATION (9/23/87)

SCALE:  
 HORIZONTAL: 1"=60'  
 VERTICAL: 1"=10'

**FIGURE 6**  
**CROSS SECTION C-C'**  
**CITGO-IOCO**  
**CASSVILLE, WISCONSIN**

PROJECT NO. 1096-508	PREPARED BY KDM	DRAWN BY DD
DATE 09/15/98	REVIEWED BY	FILE NAME 96508CC

