

## GIS REGISTRY INFORMATION

<b>SITE NAME:</b>	Wagon Factory (DOT ROW)								
<b>BRRTS #:</b>	03-13-529083							<b>FID #</b>	
								(if appropriate):	
<b>COMMERCE #:</b>	53523-9145-14-A								
<b>CLOSURE DATE:</b>	November 1, 2007								
<b>STREET ADDRESS:</b>	214 W Main St								
<b>CITY:</b>	Cambridge								
<b>SOURCE PROPERTY GPS COORDINATES</b> (meters in WTM91 projection):		X =	599968		Y =	281730			
<b>CONTAMINATED MEDIA:</b>	Groundwater	<input type="checkbox"/>	Soil	<input type="checkbox"/>	Both	<input checked="" type="checkbox"/>			
<b>OFF-SOURCE GW CONTAMINATION &gt;ES:</b>		Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
• <b>IF YES, STREET ADDRESS:</b>									
• <b>GPS COORDINATES</b> (meters in WTM91 projection):	X =			Y =					
<b>OFF-SOURCE SOIL CONTAMINATION &gt;Generic or Site-Specific RCL (SSRCL):</b>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>					
• <b>IF YES, STREET ADDRESS 1:</b>									
• <b>GPS COORDINATES</b> (meters in WTM91 projection):	X =			Y =					
<b>CONTAMINATION IN RIGHT OF WAY:</b>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>					
<b><u>DOCUMENTS NEEDED</u></b>									
Closure Letter, and any conditional closure letter issued or denial letter issued									<input checked="" type="checkbox"/>
Copy of any maintenance plan referenced in the final closure letter									<input type="checkbox"/>
Copy of (soil or land use) deed notice <i>if any required as a condition of closure</i>									<input type="checkbox"/>
Copy of most recent deed, including legal description, for all affected properties									<input type="checkbox"/>
Certified survey map or relevant portion of the recorded plat map <i>(if referenced in the legal description)</i> for all affected properties									<input checked="" type="checkbox"/>
County Parcel ID number, <i>if used for county</i> , for all affected properties									<input type="checkbox"/>
<b>Location Map</b> that outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily. If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.									<input checked="" type="checkbox"/>
<b>Detailed Site Map(s) for all affected properties</b> , showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.									<input checked="" type="checkbox"/>
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)									<input checked="" type="checkbox"/>
Tables of Latest Soil Analytical Results (no shading or cross-hatching)									<input checked="" type="checkbox"/>
Isoconcentration map(s), <i>if required for site investigation (SI)</i> . The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.									<input checked="" type="checkbox"/>
GW: Table of water level elevations, with sampling dates, and free product noted if present									<input checked="" type="checkbox"/>
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)									<input checked="" type="checkbox"/>
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour									<input checked="" type="checkbox"/>
Geologic cross-sections, <i>if required for SI</i>									<input checked="" type="checkbox"/>
RP certified statement that legal descriptions are complete and accurate									<input type="checkbox"/>
Copies of off-source notification letters (if applicable)									<input type="checkbox"/>
Letter informing ROW owner of residual contamination (if applicable) (public, highway or railroad ROW)									<input checked="" type="checkbox"/>



ENVIRONMENTAL & REGULATORY SERVICES DIVISION  
BUREAU OF PECFA  
P.O. Box 8044  
Madison, Wisconsin 53708-8044  
TDD #: (608) 264-8777  
Fax #: (608) 267-1381  
**Jim Doyle, Governor**  
**Mary P. Burke, Secretary**

November 1, 2007

Bob Pearson WisDOT DTSD BEES Hazmat Program  
Wisconsin Dept of Transportation  
4802 Sheboygan Ave Rm 451  
PO Box 7965  
Madison, WI 53707-7965

RE: **Final Closure**

**Commerce # 53523-9145-14-A DNR BRRTS # 03-13-529083**  
Wagon Factory (DOT ROW), 214 W Main St, Cambridge

Dear Mr. Bob Pearson:

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 Department of Natural Resources (DNR) 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 state and federal 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.

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 (608) 266-0562.

Sincerely,

A handwritten signature in black ink that reads "Alan A. Hopfensperger". The signature is written in a cursive style.

Alan A. Hopfensperger  
Senior Hydrogeologist  
Site Review Section

cc: Betty J. Socha, BT<sup>2</sup>, Inc.  
Case File



ENVIRONMENTAL & REGULATORY SERVICES DIVISION  
BUREAU OF PECFA  
P.O. Box 8044  
Madison, Wisconsin 53708-8044  
TDD #: (608) 264-8777  
Fax #: (608) 267-1381  
Jim Doyle, Governor  
Mary P. Burke, Secretary

July 11, 2007

Bob Pearson WisDOT DTSD BEES Hazmat Program  
Wisconsin Dept of Transportation  
4802 Sheboygan Ave Rm 451  
PO Box 7965  
Madison, WI 53707-7965

RE: **Conditional Case Closure**

**Commerce # 53523-9145-14-A** DNR BRRTS # 03-13-529083  
Wagon Factory (DOT ROW), 214 W Main St, Cambridge

Dear Mr. Bob Pearson:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, BT<sup>2</sup> Inc, for the site referenced above. It is understood that residual soil and groundwater contamination remains on site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

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

- All monitoring wells must be properly abandoned in accordance with Chapter NR 141.25, Wisconsin Administrative Code. The appropriate documentation must be forwarded to the letterhead address.

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

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 266-0562.

Sincerely,

A handwritten signature in black ink that reads "Alan A. Hopfensperger". The signature is written in a cursive style.

Alan A. Hopfensperger  
Senior Hydrogeologist  
Site Review Section

cc: Betty J. Socha, BT<sup>2</sup>, Inc.  
Case File

## **ATTACHMENT I**

### **Required GIS Registry Information**

Plat Map

Geographic Position

WTM 599968, 281730

Zoning Information Map

Site Location Map

Contaminated Property Map

Groundwater Analytical Results Summary (Table)

Soil Analytical Results Summary (Table)

Groundwater Analytical Results Map

Water Level Summary (Table)

Water Table Map for November 22, 2005

Water Table Map for July 27, 2006

Soil Analytical Results Map

Cross Section Location Map

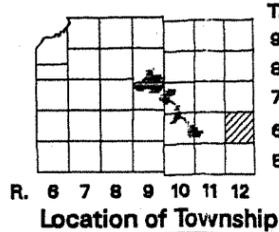
Cross Section A-A'

Notification of Soil Contamination in Road  
Right-of-Way

Dane County  
Land Information  
Office

Department Of  
Planning And Development  
Office Of The County Surveyor

06/2/12  
**SW 1/4 NE 1/4**  
**Section 12 T06N R12E**



06	06	04	03	02	01
07	08	09	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

Location of Section

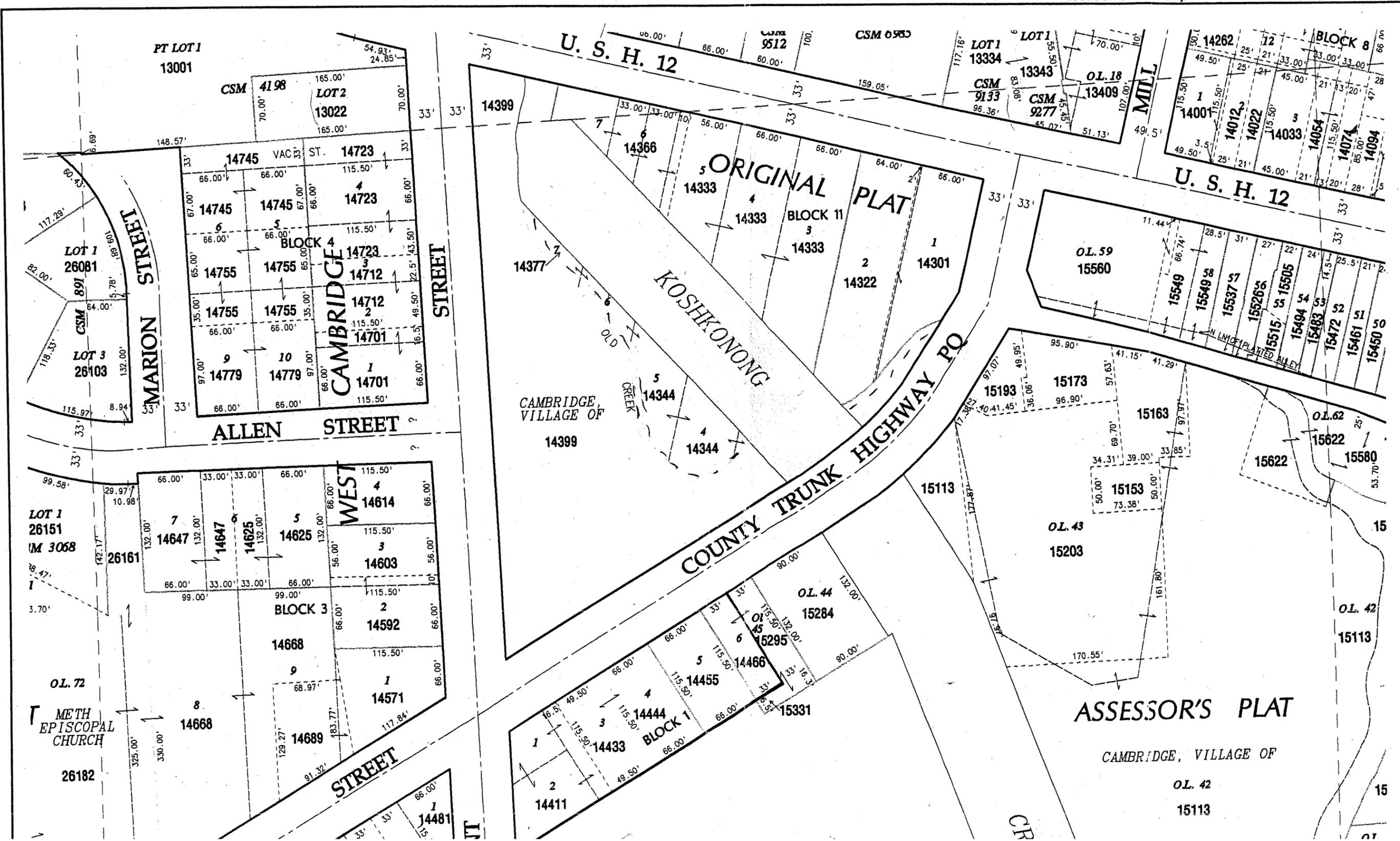
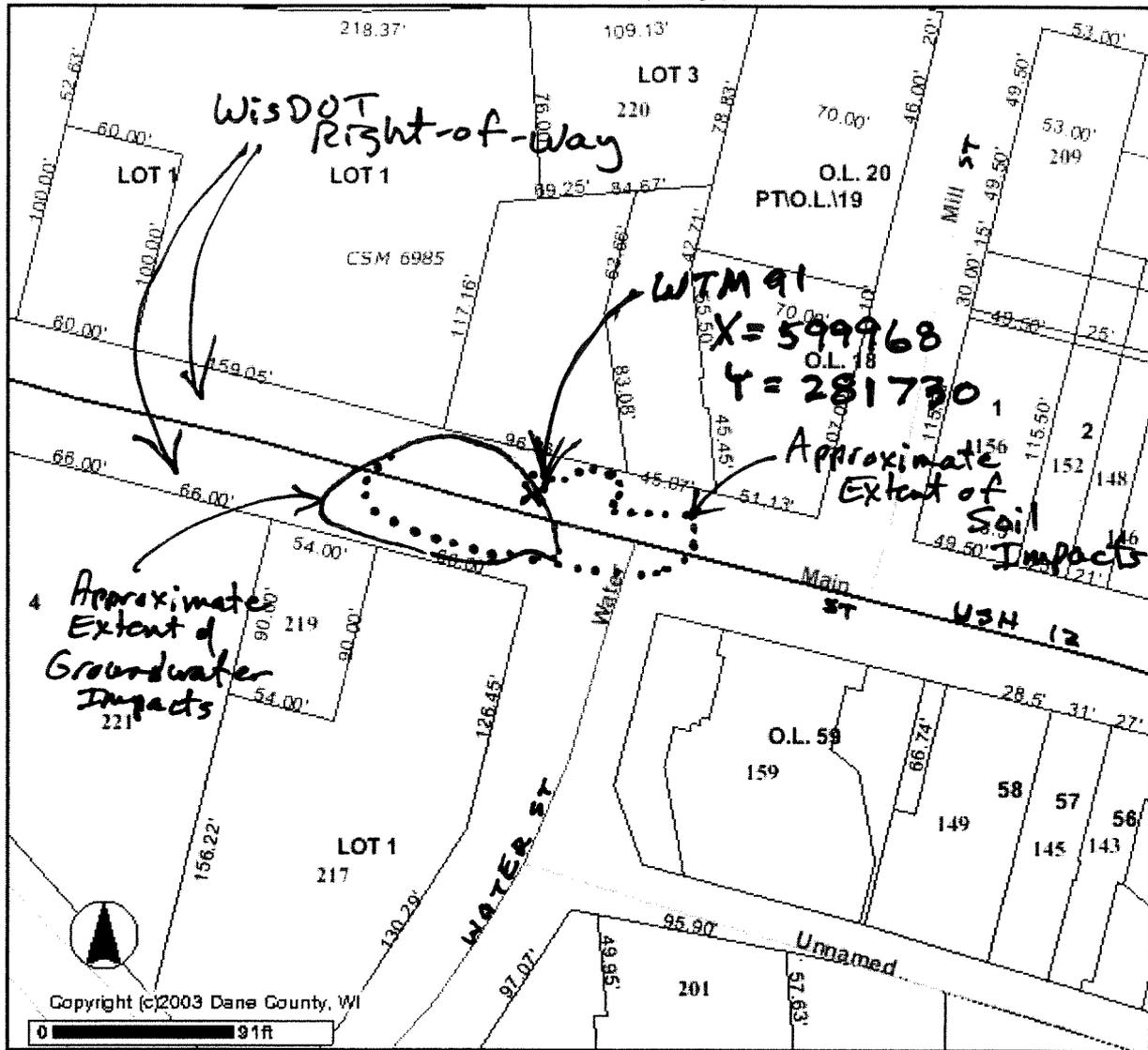


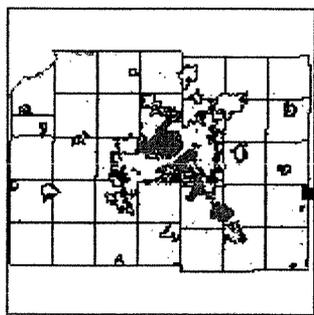
Fig A4 Zoning Info

WTM-91 Coordinates

Print Close



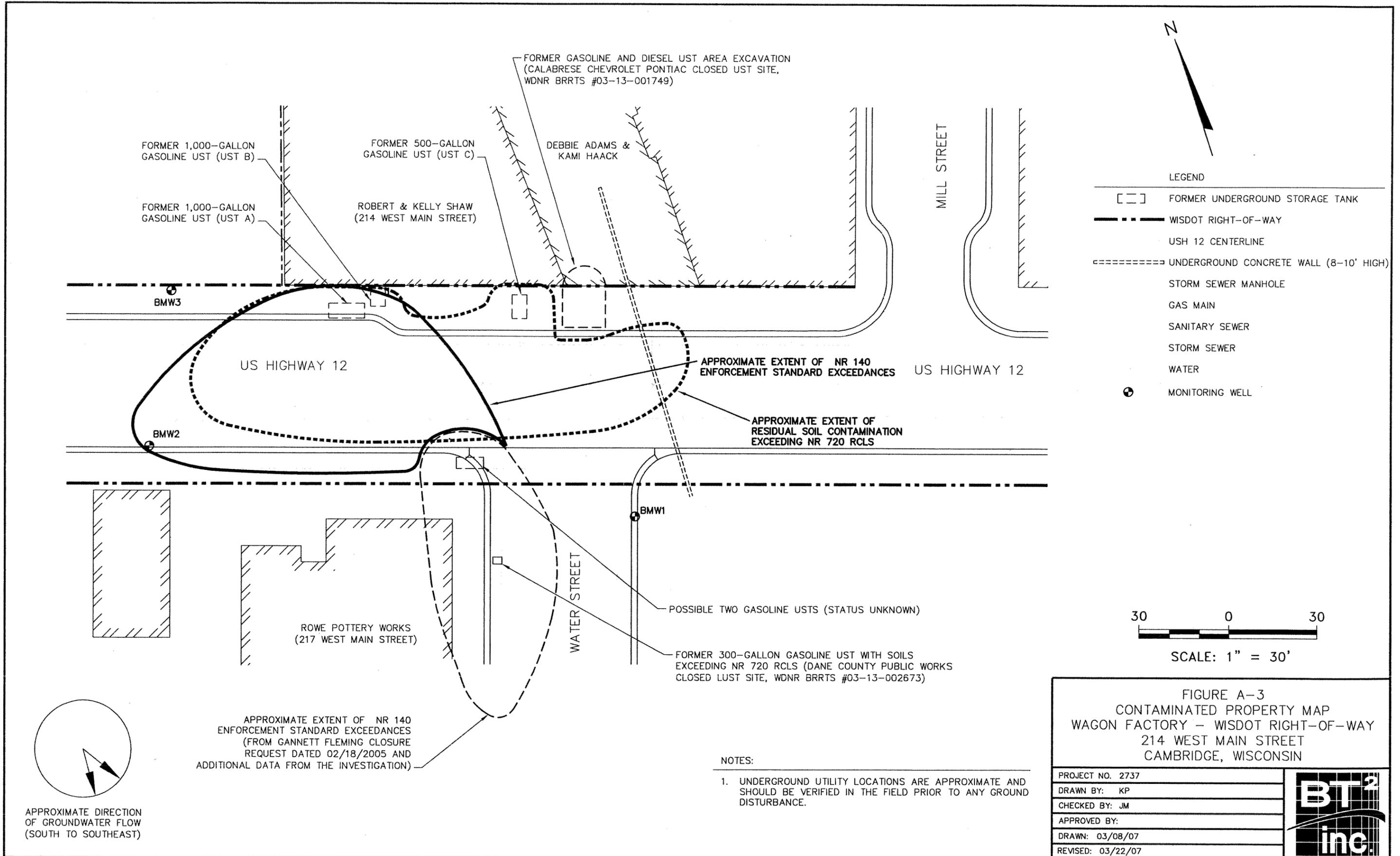
<p><b>2005 Roads</b></p> <ul style="list-style-type: none"> <li>Local Roads</li> <li>County Highways</li> <li>State Highways (cont)</li> </ul>	<ul style="list-style-type: none"> <li>Interstate</li> <li>US Highways</li> <li>On/Off Ramps</li> <li>Parcels</li> <li>Ownership Boundaries</li> </ul>	<p><b>Plat Text</b></p> <p><b>Acreage Text</b></p> <p><b>Hydrology (lines)</b></p>
--	--	--



**DCiMap**

**DISCLAIMER**  
 This map was prepared using the Dane County DCiMap online geographic information system. All information is believed accurate but is NOT guaranteed to be without error. This map and its underlying data is intended to be used as a general index to land related information and is not intended for detailed, site-specific analysis. Dane County GIS datasets used to produce this map are copyrighted.





**Table E-1**  
**Groundwater Analytical Results Summary**  
**Wagon Factory - WisDOT Right-of-Way / BT<sup>2</sup> Project #2737**  
(Results are in µg/l)

Sample	Date	Lab Notes	DRO	GRO	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Lead	Other VOCs
BMW1	11/22/2005	--	NA	NA	<0.20	<0.50	<0.20	<0.50	<0.40	<0.50	<1.4	sec-Butylbenzene 0.33 J Methylene chloride 7.6 S2
	11/22/05 (Dup)	--	NA	NA	<0.20	<0.50	<0.20	<0.50	<0.40	<0.50	NA	sec-Butylbenzene 0.32 J Methylene chloride 6.1 S2
	7/27/2006	--	NA	<50	<0.14	<0.40	<0.36	<1.1	<0.79	<0.36	NA	NA
BMW2	11/22/2005	--	NA	NA	12	1.2 J	0.92	3.2	0.35 J	<0.50	<1.4	sec-Butylbenzene 0.48 J Isopropylbenzene 0.39 J Methylene chloride 2.0 S2, J
	7/27/2006	(1)	NA	50	0.62	<0.40	<0.36	<1.1	<0.79	0.58 Q	NA	NA
BWM3	11/22/2005	--	NA	NA	<0.20	<0.50	<0.20	<0.50	<0.40	<0.50	<1.4	Methylene chloride 2.1 S2, J
	7/27/2006	--	NA	<50	<0.14	<0.40	<0.36	<1.1	<0.79	<0.36	NA	NA
	7/27/2006	--	NA	<50	<0.14	<0.40	<0.36	<1.1	<0.79	<0.36	NA	NA
GB1	5/17/2004	(2)	NA	1,090 G1, G5	15.4	12.3	<1.50	4.55	58.47	<1.50	<1.00	n-Butylbenzene 60.1 sec-Butylbenzene 10.5 Isopropylbenzene 6.77 Naphthalene 8.34 n-Propylbenzene 17.2
GB2	5/17/2004	(3)	NA	212 G3	<0.31	0.911 J	0.733 J	0.997 J	0.376 J	<0.3 CSL	<1.00	n-Butylbenzene 0.573 J sec-Butylbenzene 1.01 J tert-Butylbenzene 0.592 J Isopropylbenzene 1.57 n-Propylbenzene 0.484 J
Blank	11/22/2005	--	NA	NA	<0.20	<0.50	0.32 J	<0.50	<0.40	<0.50	NA	Methylene chloride 5.5 S2
	7/27/2006	--	NA	<50	<0.14	<0.40	<0.36	<1.1	<0.79	<0.36	NA	NA
NR 140 Enforcement Standards (ES)			NE	NE	5	700	1,000	10,000	480	60	15	Methylene chloride 5
NR 140 Preventive Action Limits (PAL)			NE	NE	0.5	140	200	1,000	96	12	1.5	Methylene chloride 0.5

**ABBREVIATIONS:**

µg/l = micrograms per liter or parts per billion (ppb)

MTBE = Methyl-tert-butyl ether

VOCs = Volatile Organic Compounds

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

TMBs = 1,2,4- and 1,3,5-trimethylbenzenes

-- = Not Applicable

(Dup) = Duplicate

NA = Not Analyzed

NE = No Standard Established

**Table E-1**  
**Groundwater Analytical Results Summary**  
**Wagon Factory WisDOT Right-of-Way / BT<sup>2</sup> Project #2737**

NOTES:

**Bold** values meet or exceed NR 140 enforcement standards.

*Italic* values meet or exceed NR 140 preventive action limits.

NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

LABORATORY NOTES AND QUALIFIERS:

G1 = The chromatogram is characteristic for gasoline.

G2 = The chromatogram has characteristics of an aged gasoline sample.

G3 = The chromatogram is not characteristic for either gas or aged gas. It has a reportable concentration of peaks/area within the GRO window.

G5 = The chromatogram contains a significant number of peaks outside the GRO window.

J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

Q = The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.

S2 = Compound is a common lab solvent and contaminant.

(1) GRO-W analysis - Early eluting peaks were present outside the window of analysis.

(2) Chloromethane = Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

(3) Chloromethane, Dichlorodifluoromethane, Naphthalene = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

Created by: LMH 12/07/05

Checked by: LMH 01/24/07, JMM 02/08/07

**Table C-1**  
**Soil Analytical Results Summary**  
**Wagon Factory-WisDot Right-of-Way / BT2 Project # 2737**  
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	PID	DRO (mg/kg)	GRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Lead (mg/kg)	Other VOCs
SS31 C	4/13/2004	1-6	25	368 D2A SH	661 G3 G6	<1,000	1,900	<1,000	3,170	14,900	<u>17,400</u>	<1,000	NA	NA
SS32 C	4/13/2004	2-4	60	44.4 D2A D2B D5	12.9 G2 G6	63.9	124	48.2	435.5	316	232	<25	NA	NA
SS33	4/13/2004	2	30	7.13 D2A D2B D5	<6.61	<25	42.3	<25	113	39.6	34.6	<25	NA	NA
0+100	4/15/2004	**	548	2,380 D2A	3,300 G2 G6	<u>11,400</u> *	<u>92,200</u>	<u>77,500</u>	<u>474,000</u>	<u>301,000</u>	<u>108,000</u>	<2,000	NA	NA
0+150	4/15/2004	**	0	6.23 D2A D3 D4	<6.11	<25	<25	<25	<50	<25	<25	<25	NA	NA
UST A	4/15/2004	4	400	992 D2A	4,960 G2 G5	<u>17,200</u> *	<u>191,000</u>	31,100	<u>769,000</u>	<u>622,000</u>	<u>186,000</u>	<10,000	53.8	NA
UST B	4/15/2004	4	562	423 D2A	3,390 G2 G5	<10,000	<u>95,100</u>	<u>106,000</u>	<u>464,000</u>	<u>455,000</u>	<u>135,000</u>	<10,000	8.54	NA
UST C	4/15/2004	6	578	97.6 D2A	321 G2 G6	1,440 *	<u>8,500</u>	2,540	<u>46,400</u>	30,200	10,600	<400	12.1	NA
TJK1	4/27/2004	3	195	7,400 D2A	11,600 G2 G5	<u>80,900</u> *	<u>483,000</u>	<u>319,000</u>	<u>2,517,000</u>	<u>1,210,000</u>	<u>365,000</u>	<20,000	NA	NA
TJK2	4/27/2004	3	317	513 D2A	1,750 G2 G5	<2,000	<u>49,600</u>	7,470	<u>174,500</u>	<u>157,000</u>	<u>62,700</u>	<2,000	NA	NA
GB1 S3	05/17/04	5	76.4	60.9 D2A	897 G3 G6	<1,000	<u>12,200</u>	<1,000	10,330 CSL	29,800	<u>13,500</u>	<1,000	53.7 LCL	Naphthalene <u>10,400</u>
GB2 S3	05/17/04	5	179.9	32.8 D2A D5	43.8 G3 G6	<25 ISH	<25 ISH	<25 ISH	265 ISH	189 ISH	337 ISH	<25 ISH	28.2 LCL	Naphthalene 74.3 ISH
GB4 S2	05/17/04	4	174.3	2,830 D2A	3,310 G2 G5	<u>8,750</u> *	<u>103,000</u>	<u>169,000</u>	<u>564,000</u> CSL	<u>280,000</u>	<u>93,700</u>	<2,000	26.8 LCL	Naphthalene <u>44,600</u>
GB5 S3	05/17/04	5	146.9	1,300 D2A	1,380 G3 G6	<2,000	<u>7,690</u>	<2,000	4,330 CSL	6,980	10,700	<2,000	7.33 LCL	Naphthalene <u>4,590</u>
GB6 S3	05/17/04	5	1.9	<6.26	<6.26	<25	<25	<25	<50 CSL	<25	<25	<25	8.52 LCL	Naphthalene <25
GB7 S3	05/17/04	5	2.7	389 D3 D5	5.83 G3 G6	<25	<25	<25	<50 CSL	<25	<25	<25	32.1 LCL	Naphthalene 79.5
GB8 S2	10/25/05	3	0	55	<6.2	<31	<31	<31	<94	<31	<31	<31	110	Naphthalene <62 L1
BMW1 S3	10/24/05	5	0.5	<5.6	<7.4	<37	<37	<37	<110	<37	<37	<37	9.2	Naphthalene <74
BMW2 S3	10/24/05	5	1	<5.6	<5.6	<28	<28	<28	<84	<28	<28	<28	11	Naphthalene <56
BMW3 S2	10/25/05	3	0	<5.5	<6.2	<31	<31	<31	<94	<31	<31	<31	25	Naphthalene <62 L1
MeOH Blank	05/17/04	--	--	NA	<2.5	<25	<25	<25	<50 CSL	<25	<25	<25	NA	ND
NR 720 Residual Contaminant Level (RCL)				100	100	5.5	2,900	1,500	4,100	NE	NE	NE	50	
NR 746 Table 1				NE	NE	8,500	4,600	38,000	42,000	83,000	11,000	NE	NE	Naphthalene 2,700
NR 746 Table 2				NE	NE	1,100	NE	NE	NE	NE	NE	NE	NE	

**ABBREVIATIONS:**

µg/kg = micrograms per kilogram or parts per billion (ppb)  
DRO = Diesel Range Organics  
MTBE = Methyl-tert-butyl ether

mg/kg - milligrams per kilogram or parts per million (ppm)  
GRO = Gasoline Range Organics  
VOCs = Volatile Organic Compounds

PID = Photo-Ionization Detector  
TMB = Trimethylbenzene

NA = Not Analyzed  
ND = Not Detected  
NE = Not Established

**Table C-1**  
**Soil Analytical Results Summary**  
**Wagon Factory-WisDot Right-of-Way / BT2 Project # 2737**

NOTES:

**Bold** values exceed NR 720 RCLs.

**Bold and underlined** values exceed NR 746 Table 1 RCLs.

NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.

NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.

NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.

\* = Exceeds NR 746 Table 2 RCL

\*\* = Samples 0+100 and 0+150 were obtained during the remedial soil excavation trenching performed during sanitary sewer installation.

LABORATORY NOTES:

CSL = Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

D2A = The chromatogram is characteristic for a light petroleum product (i.e., gasoline, aged or degraded gasoline, mineral spirits, etc.).

D3 = The chromatogram is not characteristic for diesel or any single common petroleum product.

D5 = The chromatogram contained significant peaks and a raised baseline outside the DRO window.

G2 = The chromatogram has characteristics of an aged gasoline sample.

G3 = The chromatogram is not characteristic for either gas or aged gas. It has a reportable concentration of peaks/area within the GRO window.

G5 = The chromatogram contains a significant number of peaks outside the GRO window.

G6 = The chromatogram contains a significant number of peaks and a raised baseline outside the GRO window.

ISH = Internal standard recovery exceeds normal limits. Sample results may be biased low.

L1 = The laboratory control sample and/or laboratory control sample duplicate recovery was above acceptance limits.

LCL = The laboratory control sample for this analyte exhibited a low bias. Sample results may also be biased low.

Created by: JSP 06/15/04

Checked by: LJM 06/16/04; JMM 2/1/07

I:\2737\Tables-General\Soil\_VOCs\_Wagon\_Factory\_C-1.xls]Soil VOCs

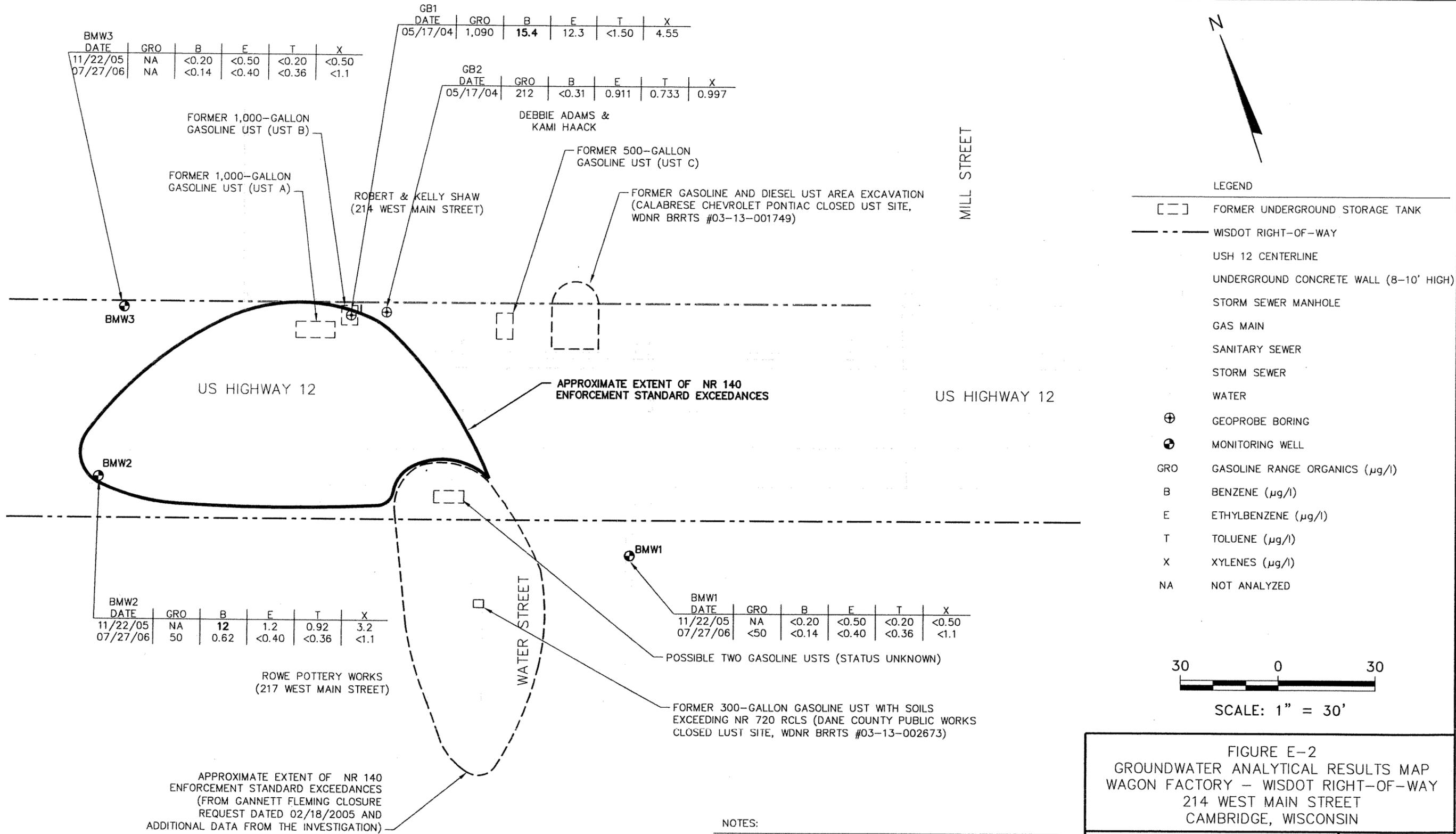
BMW3	DATE	GRO	B	E	T	X
	11/22/05	NA	<0.20	<0.50	<0.20	<0.50
	07/27/06	NA	<0.14	<0.40	<0.36	<1.1

GB1	DATE	GRO	B	E	T	X
	05/17/04	1,090	<b>15.4</b>	12.3	<1.50	4.55

GB2	DATE	GRO	B	E	T	X
	05/17/04	212	<0.31	0.911	0.733	0.997

BMW2	DATE	GRO	B	E	T	X
	11/22/05	NA	<b>12</b>	1.2	0.92	3.2
	07/27/06	50	0.62	<0.40	<0.36	<1.1

BMW1	DATE	GRO	B	E	T	X
	11/22/05	NA	<0.20	<0.50	<0.20	<0.50
	07/27/06	<50	<0.14	<0.40	<0.36	<1.1



LEGEND

- [ ] FORMER UNDERGROUND STORAGE TANK
- WISDOT RIGHT-OF-WAY
- USH 12 CENTERLINE
- UNDERGROUND CONCRETE WALL (8-10' HIGH)
- STORM SEWER MANHOLE
- GAS MAIN
- SANITARY SEWER
- STORM SEWER
- WATER
- ⊕ GEOPROBE BORING
- ⊙ MONITORING WELL
- GRO GASOLINE RANGE ORGANICS (μg/l)
- B BENZENE (μg/l)
- E ETHYLBENZENE (μg/l)
- T TOLUENE (μg/l)
- X XYLENES (μg/l)
- NA NOT ANALYZED

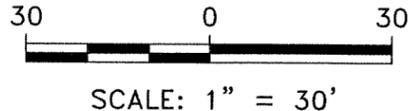


FIGURE E-2  
GROUNDWATER ANALYTICAL RESULTS MAP  
WAGON FACTORY - WISDOT RIGHT-OF-WAY  
214 WEST MAIN STREET  
CAMBRIDGE, WISCONSIN

- NOTES:
- UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD PRIOR TO ANY GROUND DISTURBANCE.
  - BOLD RESULTS EXCEED NR 140 ENFORCEMENT STANDARDS.

PROJECT NO. 2737
DRAWN BY: KP
CHECKED BY: JM
APPROVED BY:
DRAWN: 07/02/04
REVISED: 03/22/07



**Table E-5**  
**Water Level Summary**  
**Wagon Factory-WisDOT Right-of-Way / BT<sup>2</sup> Project #2737**

Raw Data		Depth to Water in feet below top of well casing					
		BMW1	BMW2	BMW3			
<b>Measurement Date</b>							
10/26/05	(1)	8.48	6.37	6.79			
11/22/05		8.1	5.68	6.06			
7/27/06		7.16	4.68	4.93			

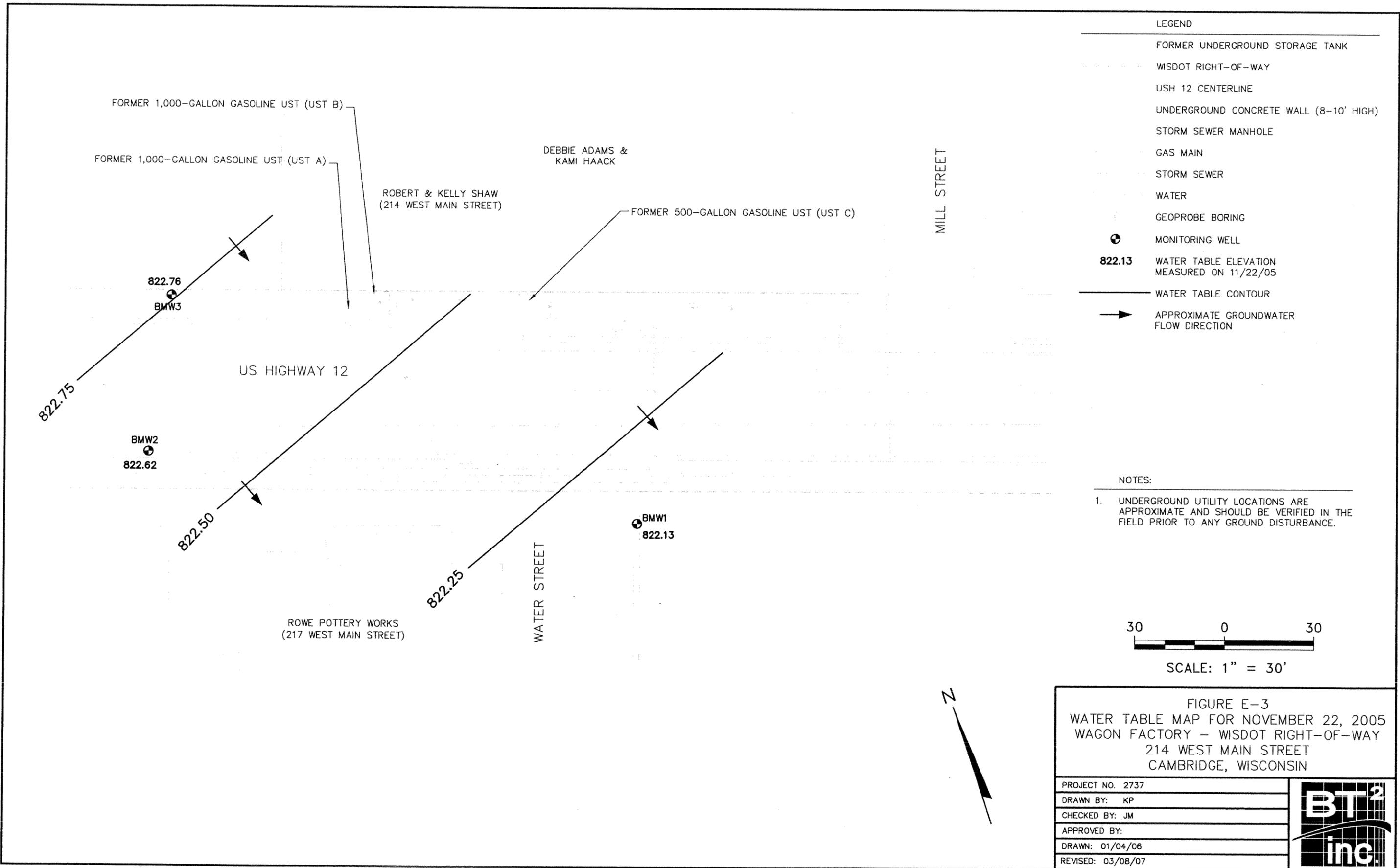
Well Number Top of Casing Elevation (feet amsl)		Ground Water Elevation in feet above mean sea level (amsl)					
		BMW1	BMW2	BMW3			
		830.23	828.30	828.82			
<b>Measurement Date</b>							
10/26/05	(1)	821.75	821.93	822.03			
11/22/05		822.13	822.62	822.76			
7/27/06		823.07	823.62	823.89			

**NOTES:**

Benchmark is WDOT monument at southwest corner of bridge over Koshkonong Creek west of site (836.54').

(1) - Water levels measured prior to development, may not reflect equilibrium conditions.

I:\2737\figures-general\WAGON FACTORY\WTBL-NOV05.dwg, 3/8/2007 1:21:26 PM

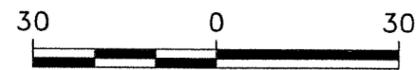


LEGEND

- FORMER UNDERGROUND STORAGE TANK
- WISDOT RIGHT-OF-WAY
- USH 12 CENTERLINE
- UNDERGROUND CONCRETE WALL (8-10' HIGH)
- STORM SEWER MANHOLE
- GAS MAIN
- STORM SEWER
- WATER
- GEOPROBE BORING
- MONITORING WELL
- 822.13 WATER TABLE ELEVATION MEASURED ON 11/22/05
- WATER TABLE CONTOUR
- APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTES:

1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD PRIOR TO ANY GROUND DISTURBANCE.



SCALE: 1" = 30'

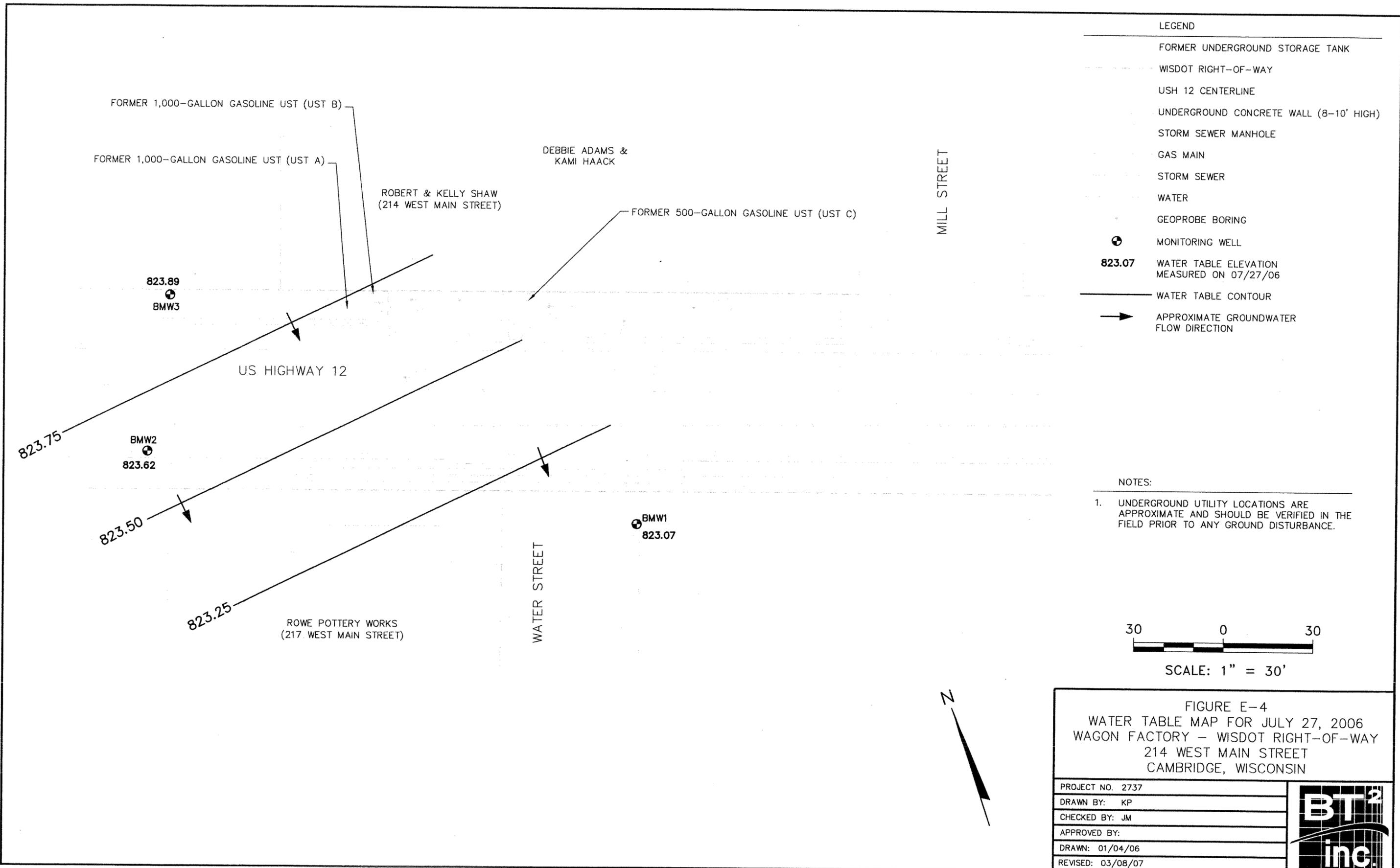


FIGURE E-3  
 WATER TABLE MAP FOR NOVEMBER 22, 2005  
 WAGON FACTORY - WISDOT RIGHT-OF-WAY  
 214 WEST MAIN STREET  
 CAMBRIDGE, WISCONSIN

PROJECT NO. 2737
DRAWN BY: KP
CHECKED BY: JM
APPROVED BY:
DRAWN: 01/04/06
REVISED: 03/08/07



1:\2737\figures-general\WAGON FACTORY\WTBL-JULY06.dwg, 3/6/2007 1:22:47 PM



LEGEND

- FORMER UNDERGROUND STORAGE TANK
- WISDOT RIGHT-OF-WAY
- USH 12 CENTERLINE
- UNDERGROUND CONCRETE WALL (8-10' HIGH)
- STORM SEWER MANHOLE
- GAS MAIN
- STORM SEWER
- WATER
- GEOPROBE BORING
- MONITORING WELL
- 823.07 WATER TABLE ELEVATION MEASURED ON 07/27/06
- WATER TABLE CONTOUR
- APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTES:

1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD PRIOR TO ANY GROUND DISTURBANCE.

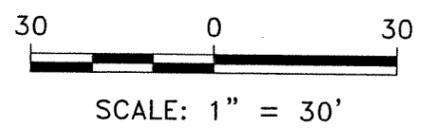
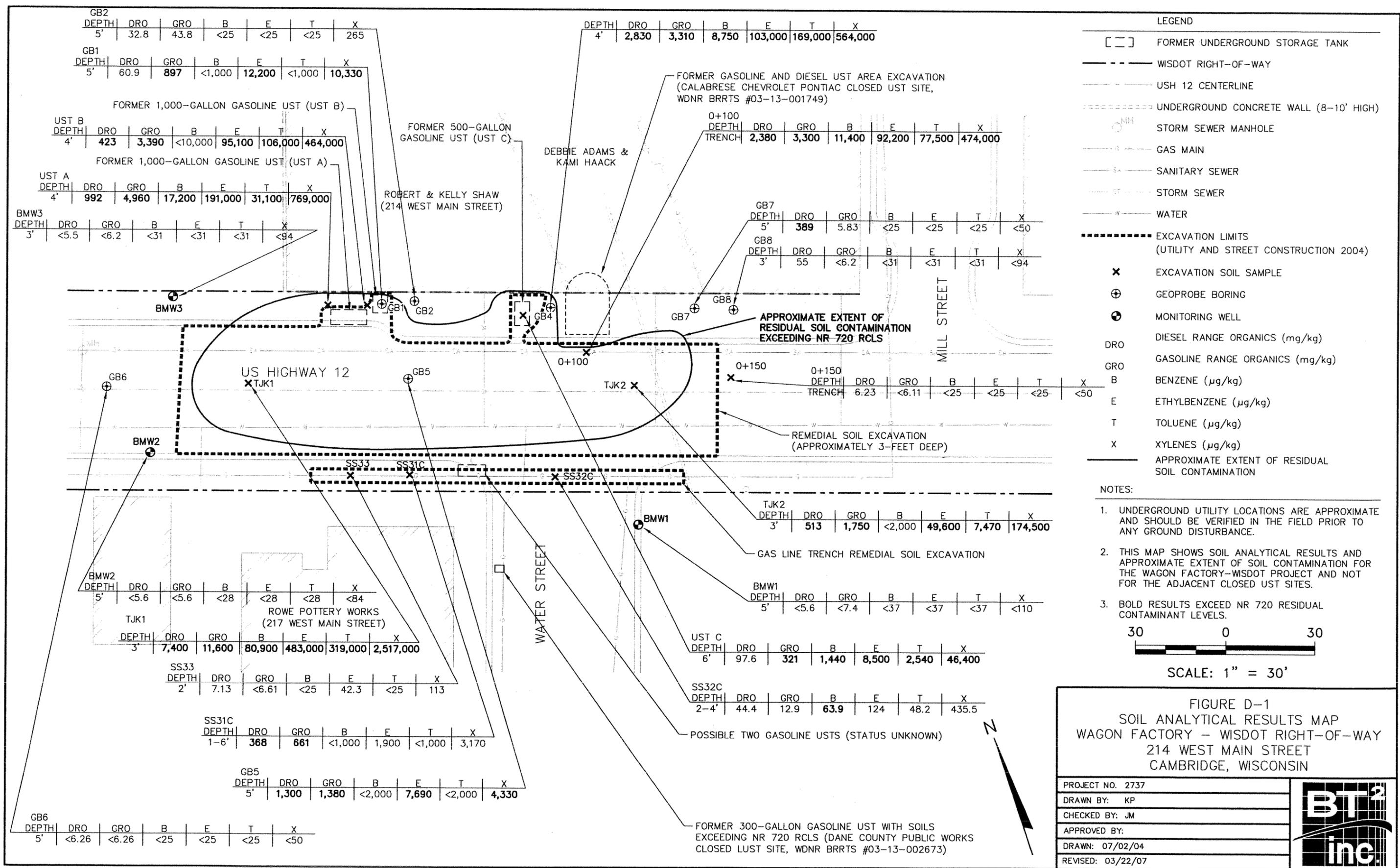


FIGURE E-4  
 WATER TABLE MAP FOR JULY 27, 2006  
 WAGON FACTORY - WISDOT RIGHT-OF-WAY  
 214 WEST MAIN STREET  
 CAMBRIDGE, WISCONSIN

PROJECT NO. 2737
DRAWN BY: KP
CHECKED BY: JM
APPROVED BY:
DRAWN: 01/04/06
REVISED: 03/08/07



I:\2737\figures-general\WAGON FACTORY\IRSLT-S.dwg, 3/26/2007 10:07:05 AM

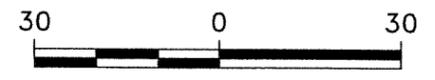


**LEGEND**

- [ ] FORMER UNDERGROUND STORAGE TANK
- WISDOT RIGHT-OF-WAY
- USH 12 CENTERLINE
- UNDERGROUND CONCRETE WALL (8-10' HIGH)
- <sup>MH</sup> STORM SEWER MANHOLE
- GAS MAIN
- SANITARY SEWER
- ST --- STORM SEWER
- W --- WATER
- EXCAVATION LIMITS (UTILITY AND STREET CONSTRUCTION 2004)
- ✕ EXCAVATION SOIL SAMPLE
- ⊕ GEOPROBE BORING
- ⊙ MONITORING WELL
- DRO DIESEL RANGE ORGANICS (mg/kg)
- GRO GASOLINE RANGE ORGANICS (mg/kg)
- B BENZENE (μg/kg)
- E ETHYLBENZENE (μg/kg)
- T TOLUENE (μg/kg)
- X XYLENES (μg/kg)
- APPROXIMATE EXTENT OF RESIDUAL SOIL CONTAMINATION

**NOTES:**

1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD PRIOR TO ANY GROUND DISTURBANCE.
2. THIS MAP SHOWS SOIL ANALYTICAL RESULTS AND APPROXIMATE EXTENT OF SOIL CONTAMINATION FOR THE WAGON FACTORY-WISDOT PROJECT AND NOT FOR THE ADJACENT CLOSED UST SITES.
3. BOLD RESULTS EXCEED NR 720 RESIDUAL CONTAMINANT LEVELS.



SCALE: 1" = 30'

**FIGURE D-1**  
SOIL ANALYTICAL RESULTS MAP  
WAGON FACTORY - WISDOT RIGHT-OF-WAY  
214 WEST MAIN STREET  
CAMBRIDGE, WISCONSIN

PROJECT NO. 2737	
DRAWN BY: KP	
CHECKED BY: JM	
APPROVED BY:	
DRAWN: 07/02/04	
REVISED: 03/22/07	

GB2						
DEPTH	DRO	GRO	B	E	T	X
5'	32.8	43.8	<25	<25	<25	265

GB1						
DEPTH	DRO	GRO	B	E	T	X
5'	60.9	<b>897</b>	<1,000	<b>12,200</b>	<1,000	<b>10,330</b>

UST B						
DEPTH	DRO	GRO	B	E	T	X
4'	<b>423</b>	<b>3,390</b>	<10,000	<b>95,100</b>	<b>106,000</b>	<b>464,000</b>

UST A						
DEPTH	DRO	GRO	B	E	T	X
4'	<b>992</b>	<b>4,960</b>	<b>17,200</b>	<b>191,000</b>	<b>31,100</b>	<b>769,000</b>

BMW3						
DEPTH	DRO	GRO	B	E	T	X
3'	<5.5	<6.2	<31	<31	<31	<94

BMW2						
DEPTH	DRO	GRO	B	E	T	X
5'	<5.6	<5.6	<28	<28	<28	<84

TJK1						
DEPTH	DRO	GRO	B	E	T	X
3'	<b>7,400</b>	<b>11,600</b>	<b>80,900</b>	<b>483,000</b>	<b>319,000</b>	<b>2,517,000</b>

SS33						
DEPTH	DRO	GRO	B	E	T	X
2'	7.13	<6.61	<25	42.3	<25	113

SS31C						
DEPTH	DRO	GRO	B	E	T	X
1-6'	<b>368</b>	<b>661</b>	<1,000	1,900	<1,000	3,170

GB5						
DEPTH	DRO	GRO	B	E	T	X
5'	<b>1,300</b>	<b>1,380</b>	<2,000	<b>7,690</b>	<2,000	<b>4,330</b>

GB6						
DEPTH	DRO	GRO	B	E	T	X
5'	<6.26	<6.26	<25	<25	<25	<50

TJK2						
DEPTH	DRO	GRO	B	E	T	X
3'	513	<b>1,750</b>	<2,000	<b>49,600</b>	<b>7,470</b>	<b>174,500</b>

BMW1						
DEPTH	DRO	GRO	B	E	T	X
5'	<5.6	<7.4	<37	<37	<37	<110

UST C						
DEPTH	DRO	GRO	B	E	T	X
6'	97.6	<b>321</b>	<b>1,440</b>	<b>8,500</b>	<b>2,540</b>	<b>46,400</b>

SS32C						
DEPTH	DRO	GRO	B	E	T	X
2-4'	44.4	12.9	<b>63.9</b>	124	48.2	435.5

O+100 TRENCH						
DEPTH	DRO	GRO	B	E	T	X
3'	55	<6.2	<31	<31	<31	<94

O+150 TRENCH						
DEPTH	DRO	GRO	B	E	T	X
6.23	6.23	<6.11	<25	<25	<25	<50

O+100 TRENCH						
DEPTH	DRO	GRO	B	E	T	X
4'	<b>2,830</b>	<b>3,310</b>	<b>8,750</b>	<b>103,000</b>	<b>169,000</b>	<b>564,000</b>

O+100 TRENCH						
DEPTH	DRO	GRO	B	E	T	X
5'	<b>389</b>	5.83	<25	<25	<25	<50

O+100 TRENCH						
DEPTH	DRO	GRO	B	E	T	X
3'	55	<6.2	<31	<31	<31	<94

O+150 TRENCH						
DEPTH	DRO	GRO	B	E	T	X
6.23	6.23	<6.11	<25	<25	<25	<50

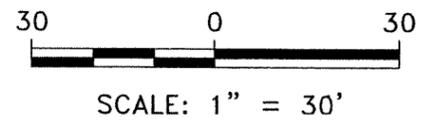
O+100 TRENCH						
DEPTH	DRO	GRO	B	E	T	X
4'	<b>2,830</b>	<b>3,310</b>	<b>8,750</b>	<b>103,000</b>	<b>169,000</b>	<b>564,000</b>

**LEGEND**

- FORMER UNDERGROUND STORAGE TANK
- WISDOT RIGHT-OF-WAY
- USH 12 CENTERLINE
- UNDERGROUND CONCRETE WALL (8-10' HIGH)
- STORM SEWER MANHOLE
- GAS MAIN
- SANITARY SEWER
- STORM SEWER
- WATER
- EXCAVATION LIMITS (UTILITY AND STREET CONSTRUCTION 2004)
- EXCAVATION SOIL SAMPLE
- GEOPROBE BORING
- MONITORING WELL
- GEOLOGIC CROSS SECTION

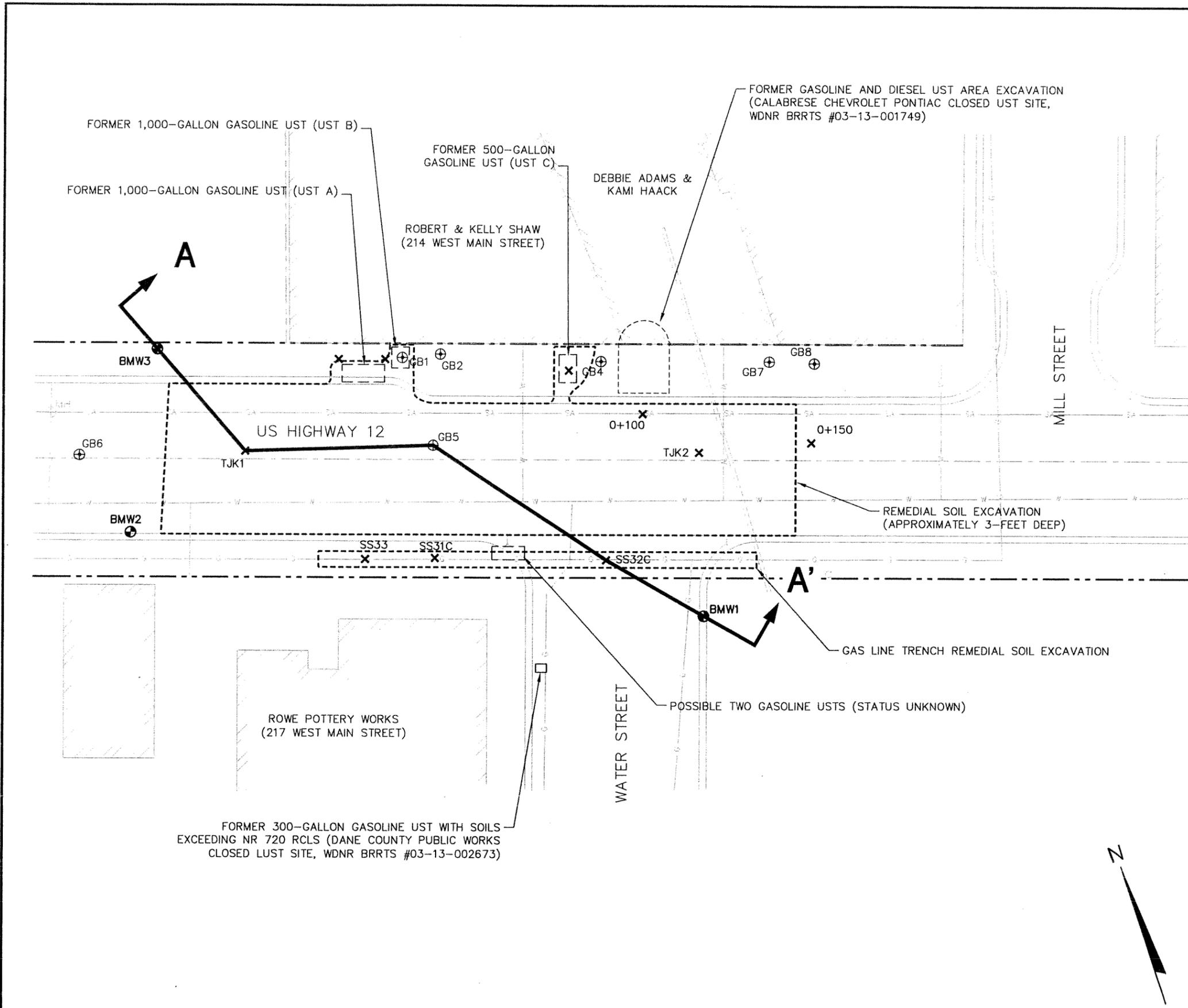
**NOTES:**

- UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD PRIOR TO ANY GROUND DISTURBANCE.



**FIGURE D-3**  
**CROSS SECTION LOCATION MAP**  
**WAGON FACTORY - WISDOT RIGHT-OF-WAY**  
**214 WEST MAIN STREET**  
**CAMBRIDGE, WISCONSIN**

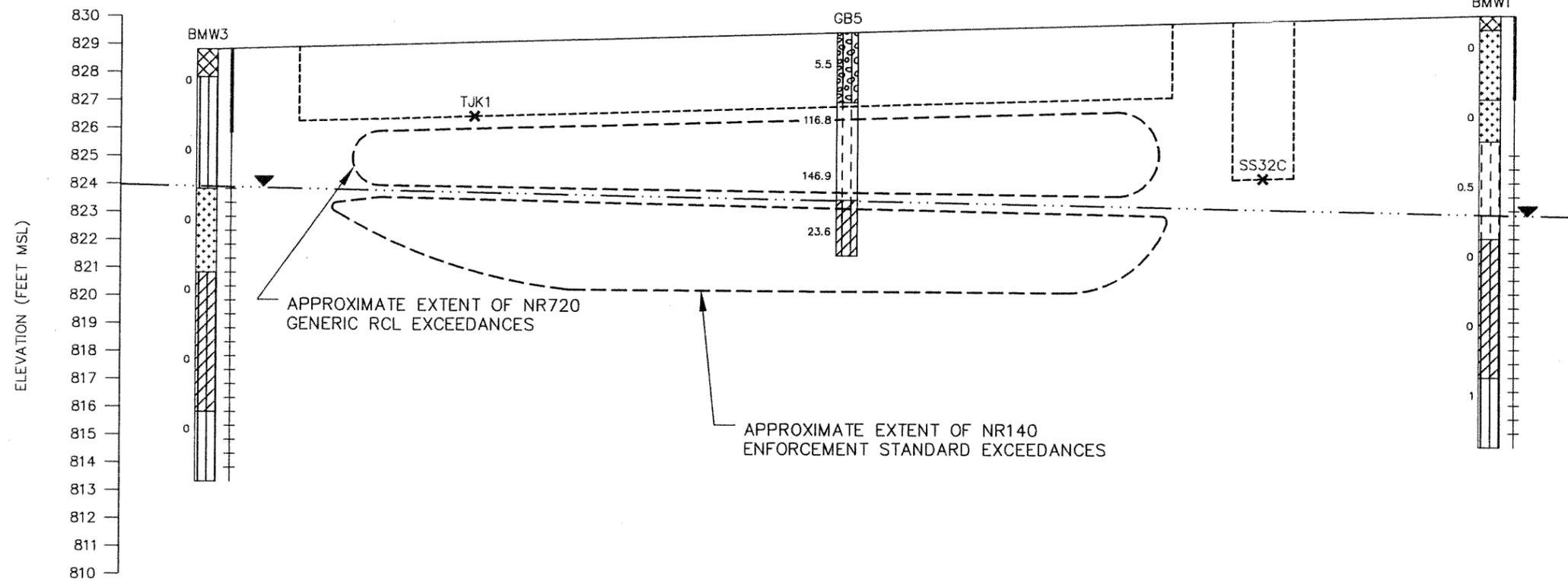
PROJECT NO. 2737
DRAWN BY: KP
CHECKED BY: JM
APPROVED BY:
DRAWN: 03/08/07
REVISED: 03/22/07



I:\2737\figures-general\WAGON FACTORY\XSECLC.dwg, 3/23/2007 10:07:28 AM

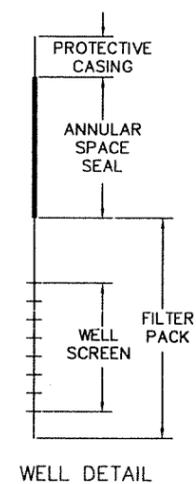
**A**  
(NORTHWEST)

**A'**  
(SOUTHEAST)



LEGEND

- ASPHALT/CONCRETE AND BASE COARSE
- SAND, POORLY GRADED, LITTLE OR NO FINES (SP)
- SILT (ML)
- ORGANIC SILT OR CLAY, LOW PLASTICITY (OL)
- SILTY GRAVEL (GM)
- SILTY CLAY (CL-ML)
- LIMITS OF EXCAVATION
- EXCAVATION SOIL SAMPLE
- WATER TABLE ON 07/27/06
- FLAME IONIZATION DETECTOR READING



HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 5'  
VERTICAL EXAGGERATION = 4X

NOTES:

1. THIS FIGURE SHOWS THE APPROXIMATE EXTENT OF SOIL AND GROUNDWATER CONTAMINATION FOR THE WAGON FACTORY-WISDOT PROJECT AND NOT FOR THE ADJACENT CLOSED UST SITES.

**FIGURE D-4**  
**CROSS SECTION A-A'**  
**WAGON FACTORY - WISDOT RIGHT-OF-WAY**  
**214 WEST MAIN STREET**  
**CAMBRIDGE, WISCONSIN**

PROJECT NO. 2737
DRAWN BY: KP
CHECKED BY: JM
APPROVED BY:
DRAWN: 03/08/07
REVISED: 03/22/07

## John Mason - RE: Notification of Soil Contamination in USH 12 ROW

---

**From:** "TeBeest, Sharlene" <sharlene.tebeest@dot.state.wi.us>  
**To:** "John Mason" <jmason@bt2inc.com>, "TeBeest, Sharlene" <sharlene.tebeest@dot.state.wi.us>  
**Date:** 3/23/2007 6:57 PM  
**Subject:** RE: Notification of Soil Contamination in USH 12 ROW  
**CC:** Betty Socha <bsocha@bt2inc.com>

---

Thanks John,  
I've received the notification for the Wagon Factory site. Please keep a copy of this e-mail for your file.  
Also please note that WisDOT Transportation District 1 is no longer the current name of the owner of the location.

The current owner name is WisDOT Southwest Region Madison office. (The post reorganization name).

Shar

Shar Te Beest  
Hazardous Materials Specialist  
Wisconsin Department of Transportation  
Division of Transportation Systems Development  
Bureau of Equity and Environmental Services  
Phone (608) 266-1476; Fax (608) 266-7818;  
Cell (608) 692-4546  
e-mail: [sharlene.tebeest@dot.state.wi.us](mailto:sharlene.tebeest@dot.state.wi.us)

-----Original Message-----

**From:** John Mason [mailto:[jmason@bt2inc.com](mailto:jmason@bt2inc.com)]  
**Sent:** Friday, March 23, 2007 3:24 PM  
**To:** [sharlene.tebeest@dot.state.wi.us](mailto:sharlene.tebeest@dot.state.wi.us)  
**Cc:** Betty Socha  
**Subject:** Notification of Soil Contamination in USH 12 ROW

Sharlene,

Attached and below is the notification of soil contamination within the USH 12 right-of-way associated the Wagon Factory - WisDOT Right-of-Way site, located adjacent to 214 West Main Street, Cambridge, Wisconsin. This notification is a requirement for case closure.  
Please contact me or Betty Socha at BT-Squared if you have any questions.  
Thank you.

-----  
County: Dane

Highway: US Highway 12

Site Name: Wagon Factory - WisDOT Right-of-Way

Site Address: USH 12 ROW adjacent to 214 West Main Street, Cambridge, Wisconsin  
(north and west of Water Street intersection)

BRRTS Number: 03-13-529083

PECFA Number: None

FID Number: None

Owner's Name: Wis DOT Transportation District 1

Owner's Address: 2101 Wright Street, Madison, WI 53704

Consulting Firm: BT-Squared

Consultant Contact: Betty Socha

Consultant Address: 2830 Dairy Drive, Madison, WI 53718

Consultant Phone: (608) 224-2830

Consultant Fax: (608) 224-2839

Consultant E-mail: [bsocha@bt2inc.com](mailto:bsocha@bt2inc.com)

Soil contamination? Yes

Depth to contaminated soil: approximately 3 feet

Vertical extent of contaminated soil: approximately 3 to 6 feet below ground surface)

Groundwater contamination? Yes.

Depth to water table: 5 to 8 feet below ground surface

Describe the type(s) of contamination present: Primarily petroleum-related volatile organic compounds such as benzene, ethylbenzene, toluene, xylenes, trimethylbenzenes, and naphthalene.

Brief summary of cleanup activity: Soil excavation during reconstruction of US Highway 12 and installation of buried utilities.

Current map of extent of soil and groundwater contamination is attached.

**CC:**

Betty Socha, BT<sup>2</sup>, [bsocha@bt2inc.com](mailto:bsocha@bt2inc.com)

Randy Maass, WDNR, [maassrr@dnr.state.wi.us](mailto:maassrr@dnr.state.wi.us)

-----  
  
John Mason, P.G.  
Hydrogeologist

BT<sup>2</sup>, Inc.  
2830 Dairy Drive  
Madison, WI 53718-6751

phone: (608) 216-7380  
cell: (608) 220-2276  
fax: (608) 224-2839  
email: [jmason@bt2inc.com](mailto:jmason@bt2inc.com)

