GIS REGISTRY INFORMATION

SITE NAME: Kwik Trip # 664

BRRTS #: 02-68-530527 **FID # (if appropriate):** 268578200

COMMERCE # (if appropriate):

CLOSURE DATE: 11-17-06

STREET ADDRESS: S79 W18884 Janesville Rd.

CITY: Muskego

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 671003 Y= 271555

CONTAMINATED MEDIA: Groundwater [ ] Soil [X] Both [ ]

OFF-SOURCE GW CONTAMINATION >ES: [ ] Yes [X] No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): X= Y=

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): [ ] Yes [X] No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): X= Y=

CONTAMINATION IN RIGHT OF WAY: [X] Yes [ ] No

DOCUMENTS NEEDED:

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

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Waukesha Service Center
141 NW Barstow St.
Room 180
Waukesha, Wisconsin 53188
Telephone 262-574-2100
FAX 262-574-2117

November 17, 2006

Mr. Troy Batzel
Kwik Trip, Inc.
1626 Oak Street
La Crosse, WI 54603

FID# 268578200
BRRTS# 02-68-530527
03-68-543473

Subject: Final Case Closure for Kwik Trip Store #664, S79 W18884 Janesville Rd., Muskego

Dear Mr. Batzel:

The Wisconsin Department of Natural Resources (Department) notified you that conditional closure was granted to this case on October 6, 2006. The conditions of closure were the abandonment of monitoring wells and sumps and the proper management of any remaining investigative waste on site. On November 7, 2006, the Department received correspondence indicating that you have complied with the conditions of closure. Based on the correspondence and data provided, it appears that your case meets the screening criteria of s. NR 746.08, Wis. Adm. Code, and the requirements of ch. NR 726, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm If your property is listed on the GIS Registry due to groundwater contamination exceeding ch. NR 140 standards at the time of closure, and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at the web address listed above.

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. We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (262) 574-2140.

Sincerely,

Brenda H. Boyce

Brenda H. Boyce, PG
Hydrogeologist
Bureau for Remediation & Redevelopment

c: Mark Gretebeck – Braun Intertec Corp.

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
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Gloria L. McCutcheon, Regional Director

Waukesha Service Center
141 NW Barstow St.
Room 180
Waukesha, Wisconsin 53188
Telephone 262-574-2100
FAX 262-574-2117

October 5, 2006

Mr. Troy Batzel
Kwik Trip, Inc.
1626 Oak Street
La Crosse, WI 54603

FID# 268578200
BRRTS# 02-68-530527
03-68-543473

Subject: Conditional Closure for Kwik Trip Store #664, S79 W18884 Janesville Rd., Muskego

Dear Mr. Batzel:

The Wisconsin Department of Natural Resources (Department) received your request for case closure of the above-referenced site on July 24, 2006. The Department reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Department has determined that the petroleum contamination on the site from the surface spill and UST system release appears to have been investigated and remediated to the extent practicable under site conditions. Your case meets the screening criteria of s. NR 746.08, Wis. Adm. Code, and the requirements of ch. NR 726, Wis. Adm. Code and will be closed if the following conditions are satisfied:

- The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Ms. Victoria Stovall on Form 3300-5B found at www.dnr.state.wi.us/org/water/dwg/gw/ or provided by the Department of Natural Resources.

- Any remaining waste (soil piles, drilling spoil, and/or purge water) generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Please send a letter advising me that any remaining waste has been removed once that work is completed.

When the above conditions have been satisfied, please submit a letter to let me know that applicable conditions have been met, and your case will be closed.

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (262) 574-2140.

Sincerely,

Brenda H. Boyce, PG
Hydrogeologist
Bureau for Remediation & Redevelopment

c: Mark Gretebeck – Braun Intertec Corp.

DOCUMENT NO.

1990346

WARRANTY DEED

STATE BAR OF WISCONSIN FORM 2 — 1982

1990346
IS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE
WAUKESHA COUNTY, WIS } SS
RECORDED ON

94 AUG 30 AM 9:43
REEL 1980 IMAGE 0083

REEL ____ IMAGE ____

REGISTER OF DEEDS

RETURN TO Convenience
1626 Oak St
LaCrosse WI 54603

KTDT, Inc., a Wisconsin corporation

conveys and warrants to Convenience Stores Investments, a Wisconsin limited partnership

the following described real estate in Waukesha County, State of Wisconsin:

Tax Parcel No. 7191 998 007

Parcel A:

Parcel 3 of Certified Survey Map 7450 being a redivision of parcel 3 of Certified Survey Map 7451 being a redivision of parcel 1 of Certified Survey Map No. 6361, recorded January 23, 1991 in Volume 52 of Certified Survey Maps on pages 290-294, as Document No. 1631127, being a division of that part of the Southeast 1/4 of the Southeast 1/4 of Section 8 and that part of the Northeast 1/4 of the Northeast 1/4 of Section 17, Town 5 North, Range 20 East, City of Muskego, County of Waukesha, State of Wisconsin.

Parcel B:

Non-exclusive access rights set forth in Document no. 1618168 as amended by Document No. 1987681. pt csm 6362

TRANSFER
$780.00
FEE

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

Exception to warranties: municipal and zoning ordinances, recorded easements for public utilities serving the property, recorded building and use restrictions and covenants, general taxes levied in the year of closing and such other matters as are described on Exhibit A attached hereto.

Dated this 26th day of August, 1994

KTDT, Inc.

(SEAL) By: John C. Koss, President (SEAL)

* *

(SEAL) (SEAL)

* *

AUTHENTICATION

Signature(s)

authenticated this 26 day of August, 1994

Hal Karas
HAL KARAS

*

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Hal Karas, Esq.
~~Michael, Best & Friedrich~~
100 East Wisconsin Avenue
~~milwaukee, WI 53202~~
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN
Milwaukee County. } ss.

Personally came before me this ____ day of August, 1994 the above named

John C. Koss, president of KTDT, Inc.

to me known to be the person ____ who executed the foregoing instrument and acknowledge the same.

*

Notary Public ____ County, Wis.
My Commission is permanent. (If not, state expiration date: ____, 19____)

*Names of persons signing in any capacity should be typed or printed below their signatures.

PLAT OF SURVEY

LEGAL DESCRIPTION:

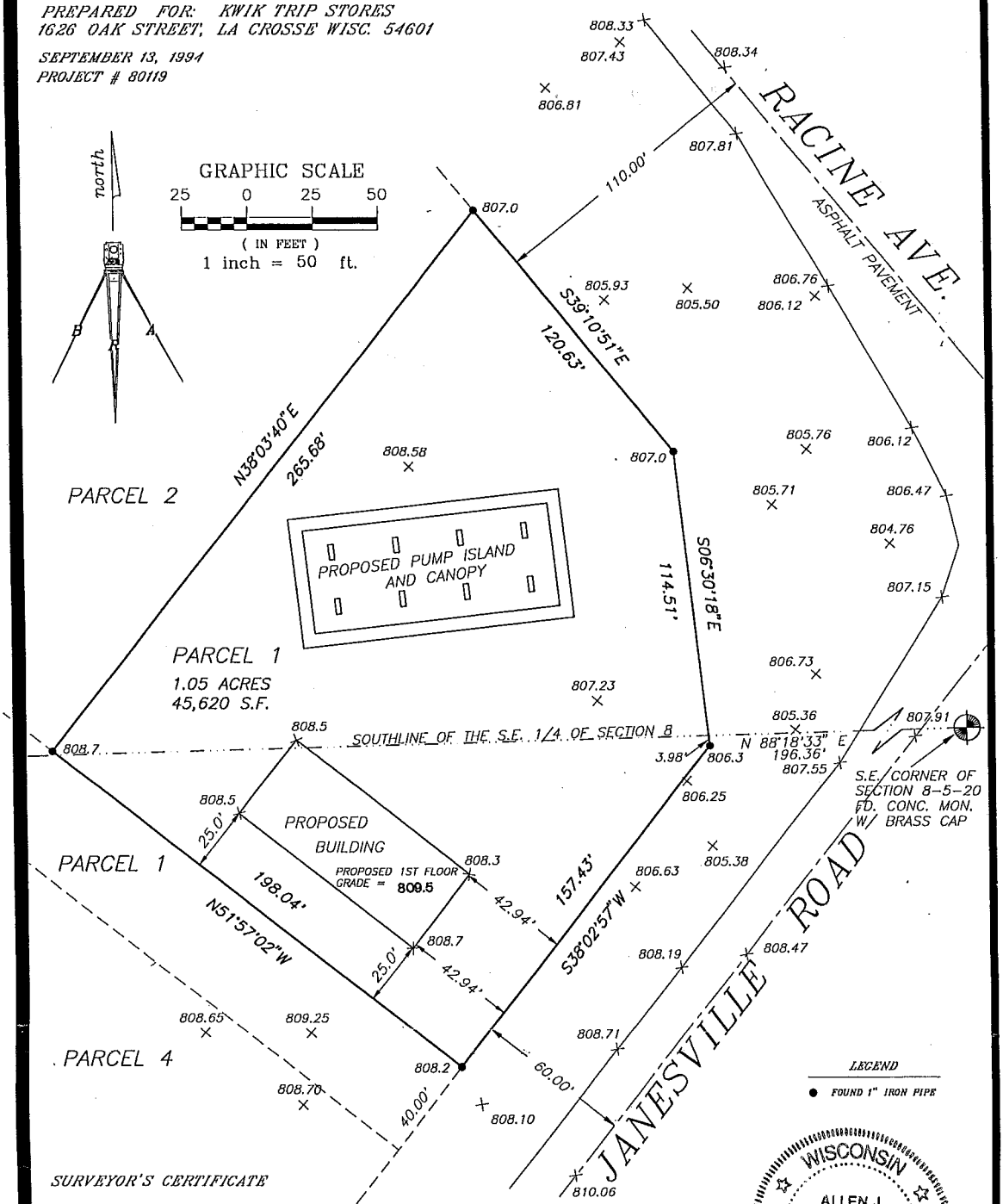
PARCEL 3 OF CERTIFIED SURVEY MAP NO. 7450, BEING A PART OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 8 AND THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 17, TOWN 5 NORTH, RANGE 20 EAST, IN THE CITY OF MUSKEGO, WAUKESHA COUNTY, WISCONSIN.

Bonestroo Rosene Anderlik & Associates

BONESTROO, ROSENE, ANDERLIK & ASSOCIATES
1214 W. VENTURE COURT MEQUON WISCONSIN 53092
TELEPHONE (414) 241-4466 FAX (414) 241-4901

PREPARED FOR: KWIK TRIP STORES
1626 OAK STREET, LA CROSSE WISC. 54601

SEPTEMBER 13, 1994
PROJECT # 80119



LEGEND

● FOUND 1" IRON PIPE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY AND THAT THE ABOVE MAP IS A TRUE REPRESENTATION THEREOF AND SHOWS THE SIZE AND LOCATION OF THE PROPERTY, ITS EXTERIOR BOUNDARIES, THE LOCATION OF ALL VISIBLE STRUCTURES AND DIMENSIONS OF ALL PRINCIPAL BUILDINGS THEREON, BOUNDARY FENCES, APPARENT EASEMENTS AND ROADWAYS AND VISIBLE ENCROACHMENTS, IF ANY.

THIS SURVEY IS MADE FOR THE EXCLUSIVE USE OF THE PRESENT OWNERS OF THE PROPERTY, AND ALSO THOSE WHO PURCHASE, MORTGAGE, OR GUARANTEE THE TITLE THERETO WITHIN ONE (1) YEAR FROM DATE HEREOF.

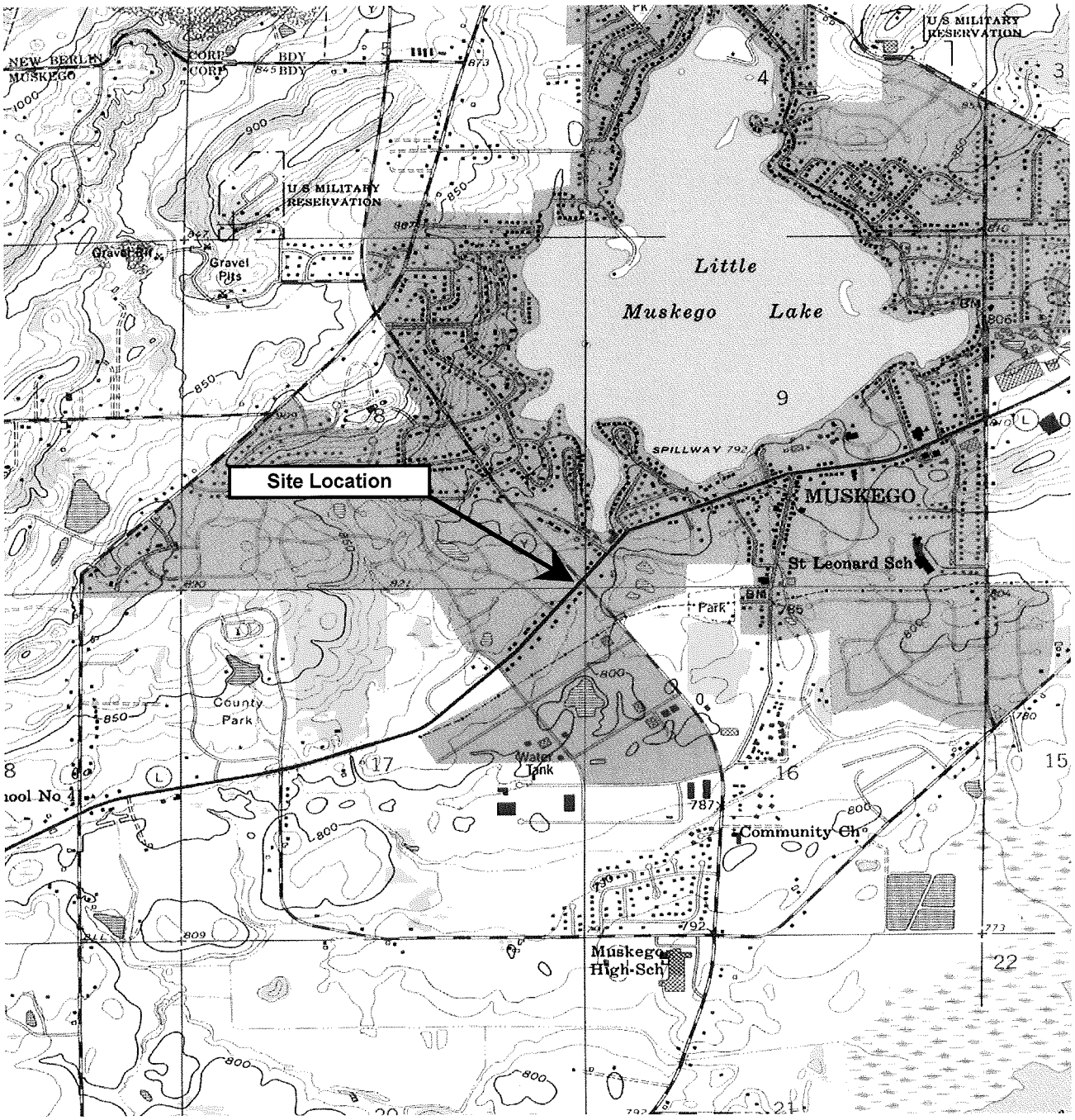
WISCONSIN
ALLEN J. SCHNEIDER
S-2194
Greenfield, WI
LAND SURVEYOR

SURVEYOR Allen J. Schneider 9-13-94

ALLEN J. SCHNEIDER REGISTERED LAND SURVEYOR NO. S-2194

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MUSKEGO QUADRANGLE
WISCONSIN—WAUKESHA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET

QUADRANGLE LOCATION

BRAUN INTERTEC

Site Location Map
Kwik Trip Store # 664
S79 W18884 Janesville Road
Muskego, Wisconsin

		DATE	SHEET
DRAWN BY:	KLH	9/21/2005	
APP'D BY:	MLG	9/21/2005	OF
JOB NO.	LC-05-00431		
DWG. NO.		FIGURE NO.	
SCALE		1	

LC-04-05887
Kwik Trip Store #664
Muskego, Wisconsin

Table 3
August 17, 2004 Soil Sampling Results

Parameter (ug/kg)	ST-1 2 feet	ST-2 2 feet	ST-3 2 feet	ST-4 2 feet	ST-5 2 feet	ST-6 2 feet	ST-6 3.5 feet	ST-7 2.5 feet	ST-7 3.5 feet	ST-11[1] 1.5 feet	ST-11 3 feet
Benzene	<30	178	<30	217	<31	<5,370	<30	22,100	<29	159	<29
Ethylbenzene	<30	<30	<30	71	<31	8,170	<30	49,100	<29	36	<29
MTBE	<30	<30	<30	<30	<31	<610	<30	<1,470	<29	<33	<29
Toluene	<30	237	<30	580	<31	20,700	<30	147,000	33	57	<29
1,2,4-Trimethylbenzene	<30	<30	<30	242	87	86,600	<30	135,000	33	130	<29
1,3,5-Trimethylbenzene	<30	<30	<30	51	39	29,300	<30	33,200	<29	44	<29
Xylenes, Total	<90	213	<89	882	110	146,000	<89	307,000	<88	332	<88
Parameter (mg/kg)											
GRO	<6.0	<5.9	<5.9	<6.0	<6.2	1,950	<5.9	3,690	<5.9	<6.6	<5.9

[1] - Hand auger location ST-11 at 1.5 feet was previously reported as ST-12 at 1.5 feet.
ST-11 at 1.5 feet was inadvertently labeled as ST-12 in the field. ST-12 does not exist.
Laboratory analytical results for ST-11 at 1.5 feet is found in the analytical report as ST-12 at 1.5 feet.

Table 2
Soil Sampling Results - August 4, 2005
LC-05-00431B
Muskego Kwik Trip
Muskego, Wisconsin
Project No. LC-05-00431B

Parameter (ug/kg)	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6
Depth (feet)	5-7.5	5-7.5	5-7.5	10-12.5	7.5-10	12.5-15
Benzene	**38**	<30	<28	<29	**380**	<29
Ethylbenzene	<29	<30	<28	<29	<29	<29
MTBE	<29	<30	<28	<29	<29	<29
Toluene	<29	<30	<28	<29	<29	<29
1,2,4-Trimethylbenzene	<29	<30	<28	<29	<29	<29
1,3,5-Trimethylbenzene	<29	<30	<28	<29	<29	<29
Parameter (mg/kg)						
GRO	<5.8	<6.1	<5.6	<5.7	<5.7	<5.7

LC-04-05887
Kwik Trip Store #664
Muskego, Wisconsin

August 24, 2004 Soil Sampling Results

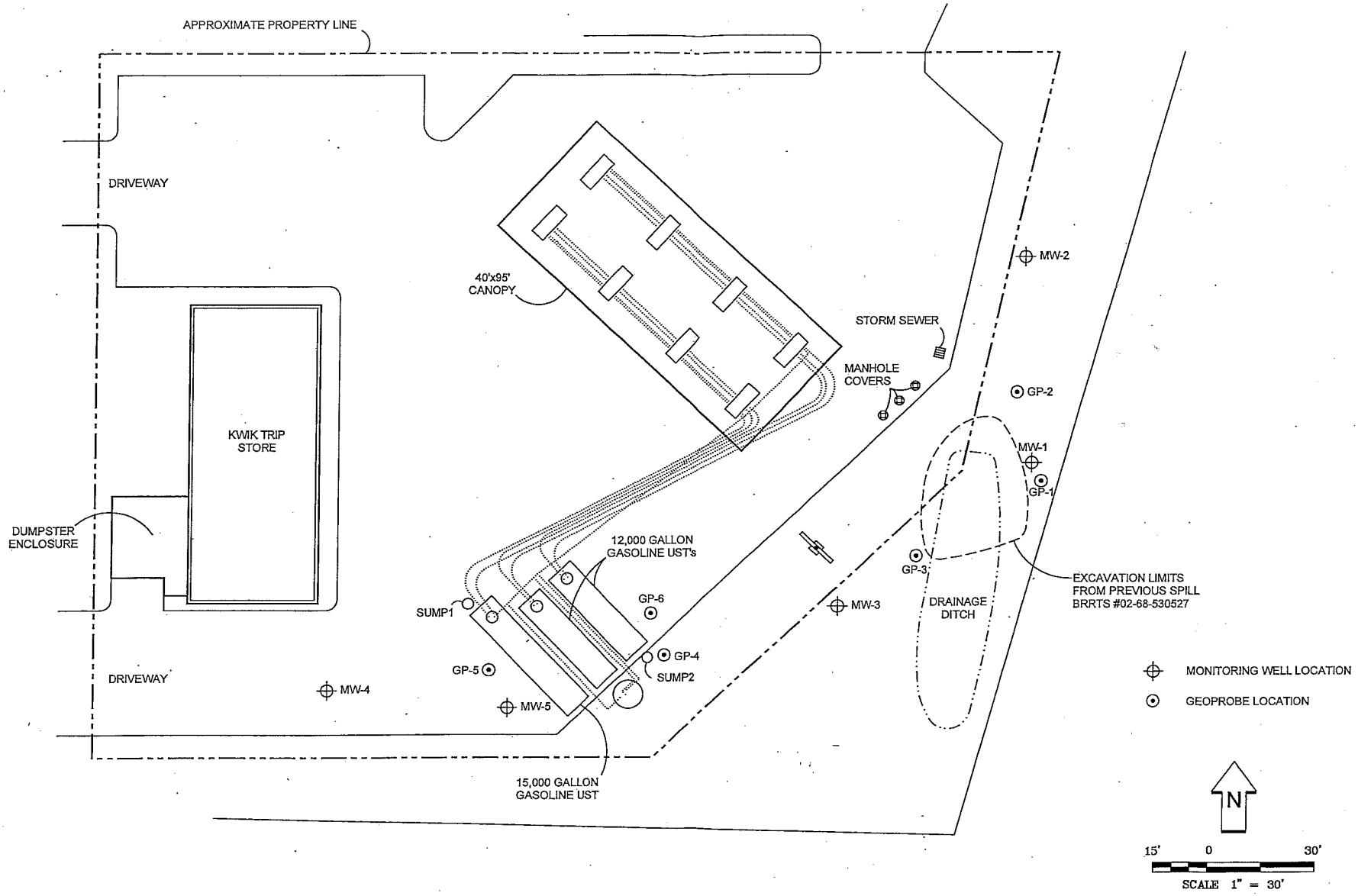
Location Depth Parameter (ug/kg)	SW-1 2 feet	SW-2 2 feet	SW-3 2 feet	SW-4 2 feet	SW-5 2 feet	Base 1 4 feet	Base 2 4 feet
Benzene	<30	<29	<30	<31	<29	**522**	**180**
Ethylbenzene	<30	<29	<30	<31	<29	<30	<30
MTBE	<30	<29	<30	<31	<29	<30	<30
Toluene	<30	<29	<30	<31	<29	120	100
1,2,4-Trimethylbenzene	<30	<29	<30	<31	<29	328	216
1,3,5-Trimethylbenzene	<30	<29	<30	<31	<29	146	97
Xylenes, Total	<91	<87	<91	<92	<88	267	228
Parameter (mg/kg)							
GRO	<6.0	<5.8	<6.1	<6.2	<5.9	6.9	<6.0

Table 2
Soil Sampling Results - January 23, 2006
Muskego Kwik Trip #664
Muskego, Wisconsin
Project No. LC-05-00431A

Parameter (ug/kg)	MW-1	MW-2	MW-3	MW-4	MW-5	Detection Limit	NR720 RCLs[1]	NR746.06 Table 1[2]	NR746.06 Table 2[3]
Depth (feet)	0-2	0-2	0-2	2-4	2-4				
Benzene	<30	<31	**85**	<29	<30	25	5.5	8,500	1,100
Ethylbenzene	<30	<31	61	<29	<30	25	2,900	4,600	NS
MTBE	<30	<31	<25	<29	<30	25	NS	NS	NS
Toluene	<30	<31	<25	<29	<30	25	1,500	3,800	NS
1,2,4-Trimethylbenzene	<30	<31	230	<29	<30	25	NS	83,000	NS
1,3,5-Trimethylbenzene	<30	<31	93	<29	<30	25	NS	11,000	NS
Xylenes (total)	<89	<93	110	<88	<89	75	4,100	4,200	NS
Parameter (mg/kg)									
GRO	<5.9	<6.2	8.4	<5.8	<6.0	5.0	100	NS	NS

NS = No Wisconsin soil Standards have been established
RCL = Residual Contaminant Level
BOLD = exceedance of one more more tolerance level

Sources for Wisconsin Soil Standards
[1]Wisconsin Administrative Code, chapter NR720, Table 1, Residual Contaminant Levels
[2]Wisconsin Administrative Code, chapter NR746, Table 1- Indicators of Residual Petroleum Product in Soil Pores
[3]Wisconsin Administrative Code, chapter NR746, Table 2 - Protection of Human Health from Direct Contact with Contaminated Soils

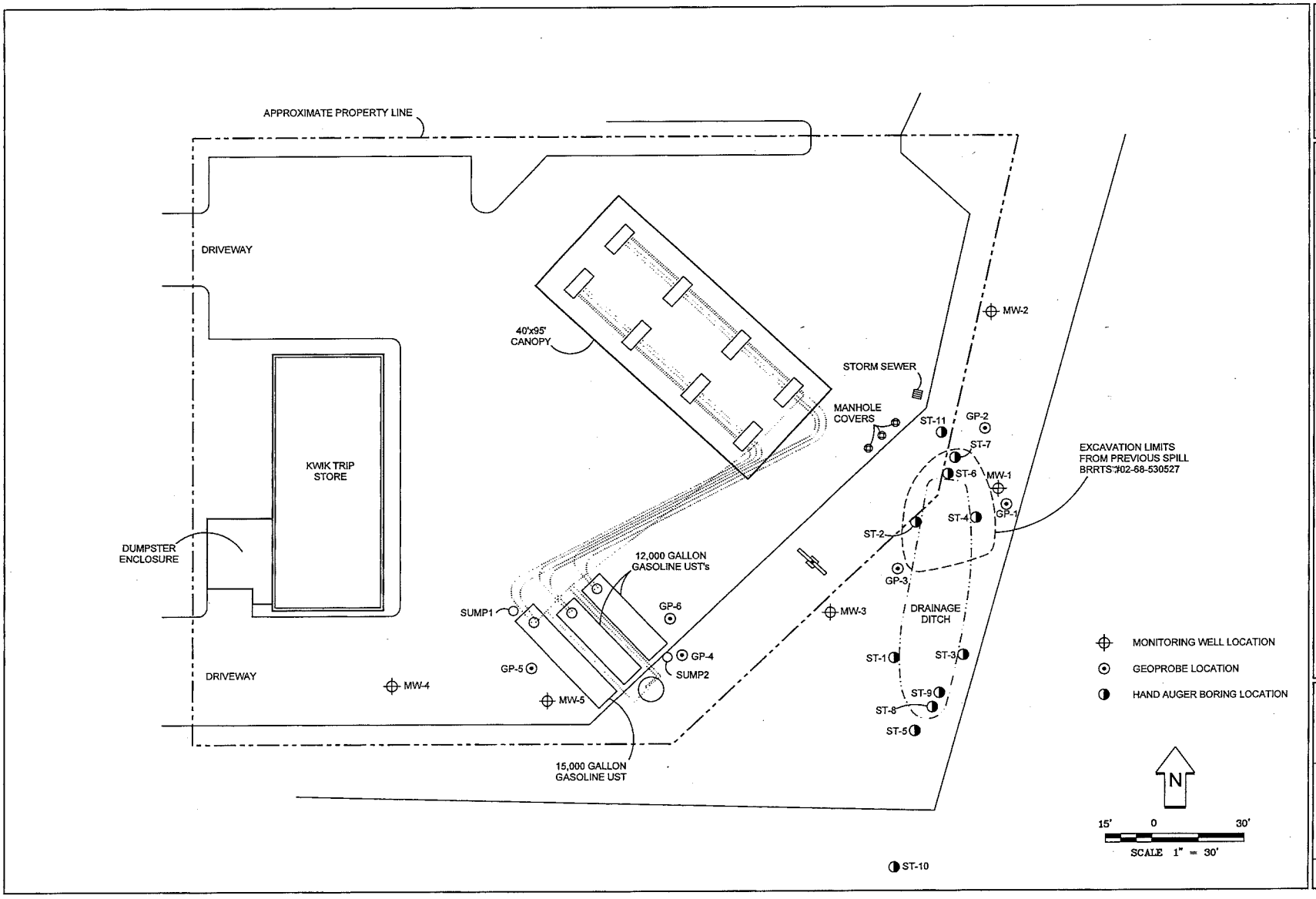


BRAUN INTERTEC

SITE LAYOUT MAP
CLOSURE REQUEST SUBMITTAL
KWIK TRIP STORE NO. 664
MUSKEGO, WISCONSIN

		DATE
INT		
DRAWN BY:	BJB	3-14-05
APP'D BY:	KDN	7-6-06
JOB NO.	LC0500431A	
DWG. NO.	LC0500431	SHEET OF
SCALE	1" = 30'	

FIGURE NO.

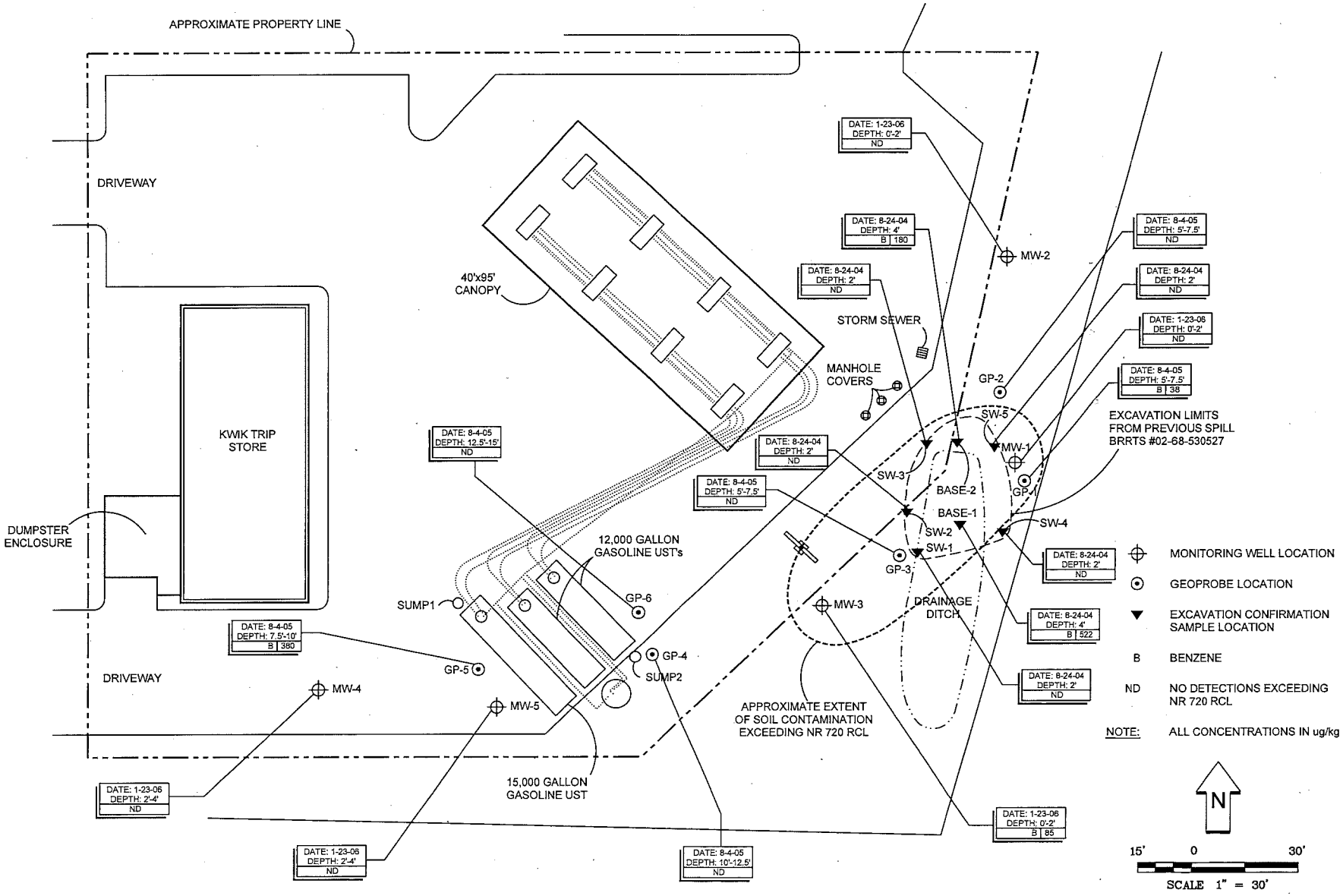


BRAUN INTERTEC

HAND AUGER BORING LOCATIONS
CLOSURE REQUEST SUBMITTAL
KWIK TRIP STORE NO. 664
MUSKEGO, WISCONSIN

INT		DATE	
DRAWN BY:	BJB	3-14-05	
APP'D BY:	KDN	9-19-06	
JOB NO.	LC0500431A		
DWG. NO.	LC0500431	SHEET	OF
SCALE	1" = 30'		

FIGURE NO.



BRAUN INTERTEC

EXTENT OF SOIL CONTAMINATION MAP
CLOSURE REQUEST SUBMITTAL
KWIK TRIP STORE NO. 664
MUSKEGO, WISCONSIN

		DATE
INT		
DRAWN BY:	BJB	3-14-05
APP'D BY:	KDN	9-6-06
JOB NO.	LC0500431A	SHEET OF
DWG. NO.	LC0500431	
SCALE	1" = 30'	

FIGURE NO.

Table 3
Groundwater Elevation
Muskego Kwik Trip #664
Muskego, Wisconsin
Project No. LC-05-00431A

Location	Top of Riser Elevation	2/9/2006 Depth to Water	7/5/2006 Depth to Water
MW-1	99.89	96.37	95.35
MW-2	99.94	96.03	95.48
MW-3	99.31	90.76	95.47
MW-4	101.90	95.27	95.11
MW-5	101.52	96.01	95.70

Note: Benchmark was the concrete pad for a sign near MW-3 with an arbitrary elevation of 100 feet

Table 3
Groundwater Sampling Results - August 4, 2005 and August 18, 2005
LC-05-00431B
Muskego Kwik Trip
Muskego, Wisconsin
Project No. LC-05-00431B

Parameter (ug/L)	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	WI GW ES	WI PAL
Benzene	**49**	*1.2*	<0.25	<0.25	**8**	<0.25	5	0.5
Ethylbenzene	<0.22	0.51	<0.22	<0.22	0.29	<0.22	700	140
MTBE	*15*	3.1	<0.23	<0.23	<0.23	<0.23	60	12
Toluene	0.56	4.3	<0.11	0.14	0.2	0.16	1000	200
1,2,4-Trimethylbenzene	0.32	0.3	<0.25	<0.25	<0.25	<0.25	<480	<96
1,3,5-Trimethylbenzene	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<480	<96
Xylenes, total	0.67	1.5	<0.39	<0.39	<0.39	<0.39	10,000	1,000
GRO	69	<50	<50	<50	<50	<50	NA	NA

GP-1 and GP-2 sampled August 4, 2005.

GP-3, GP-4, GP-5 and GP-6 sampled August 18, 2005.

WI GW ES = Wisconsin Groundwater Enforcement Standards

WI PAL = Wisconsin Preventive Action Limit

Bold = exceedance of WI GW ES

Italics = exceedance of WI PAL

Sources for Wisconsin groundwater standards

Wisconsin Administrative Code, Chapter NR140.14, Table1-Department of Natual Resources Public Health Groundwater Quality Standards

Table 3
Groundwater Sampling Results
Muskego Kwik Trip #664
Muskego, Wisconsin
Project No. LC-05-00431A

Location Date	MW-1 1/24/2006	MW-4 1/24/2006	MW-5 1/24/2006	WI GW ES	WI PAL
Compounds (ug/L)					
Benzene	<0.25	<0.25	0.34	5	0.5
Ethylbenzene	<0.22	<0.22	<0.22	700	140
MTBE	<0.23	1.6	12	60	12
Toluene	<0.11	<0.11	<0.11	1000	200
1,2,4-Trimethylbenzene	<0.25	<0.25	0.26	<480	<96
1,3,5-Trimethylbenzene	<0.19	<0.19	<0.19	<480	<96
Xylenes, total	<0.39	<0.39	<0.39	10,000	1,000
GRO	<50.0	<50.0	<50.0	NA	NA

Location Date	MW-1 4/24/2006	MW-2 4/24/2006	MW-3 4/24/2006	MW-4 4/24/2006	MW-5 4/24/2006	WI GW ES	WI PAL
Compounds (ug/L)							
Benzene	<0.25	<0.25	*0.56*	<0.25	<0.25	5	0.5
Ethylbenzene	<0.22	<0.22	<0.22	<0.22	<0.22	700	140
MTBE	1.2	<0.23	0.96	0.95	3.0	60	12
Toluene	<0.11	<0.11	<0.11	<0.11	<0.11	1000	200
1,2,4-Trimethylbenzene	<0.25	<0.25	<0.25	<0.25	<0.25	<480	<96
1,3,5-Trimethylbenzene	<0.19	<0.19	<0.19	<0.19	<0.19	<480	<96
Xylenes, total	<0.39	<0.39	<0.39	<0.39	<0.39	10,000	1,000
GRO	<50.0	<50.0	<50.0	<50.0	<50.0	NA	NA

WI GW ES = Wisconsin Groundwater Enforcement Standards
WI PAL = Wisconsin Preventive Action Limit
Bold = exceedance of WI GW ES
Italics = exceedance of WI PAL

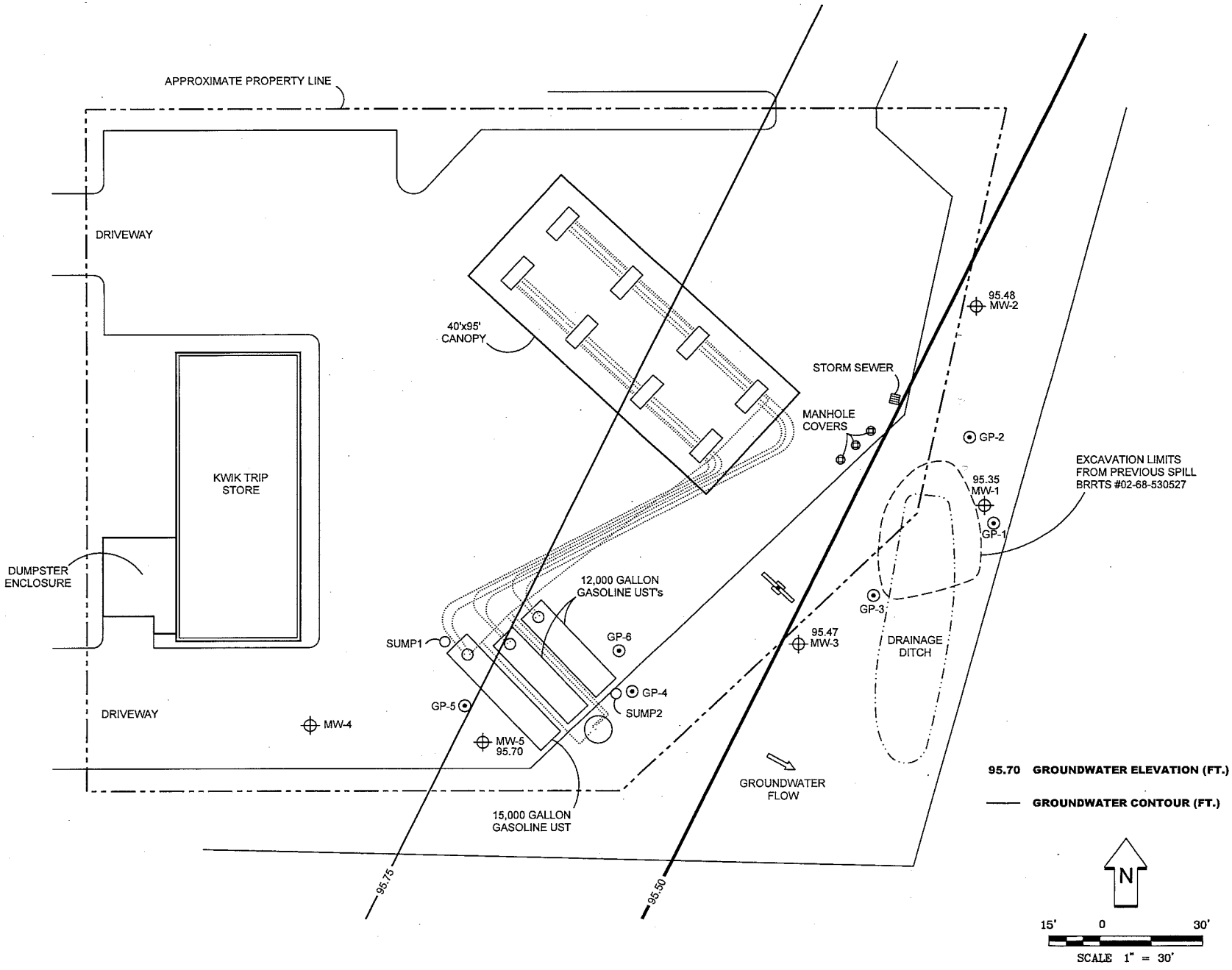
Sources for Wisconsin groundwater standards
Wisconsin Administrative Code, Chapter NR140.14, Table1-Department of Natual Resources Public Health Groundwater Quality Standards

Table 3
Groundwater Sampling Results
Muskego Kwik Trip #664
Muskego, Wisconsin
Project No. LC-05-00431A

Location Date	MW-1 7/5/2006	MW-2 7/5/2006	MW-3 7/5/2006	MW-4 7/5/2006	MW-5 7/5/2006	Sump-1 7/5/2006	WI GW ES	WI PAL
Compounds (ug/L)								
Benzene	<0.25	<0.25	*2.6*	<0.25	0.31	**4500**	5	0.5
Ethylbenzene	<0.22	<0.22	<0.22	<0.22	<0.39	**3300**	700	140
MTBE	0.71	<0.23	0.39	2.0	8.1	*<46*	60	12
Toluene	<0.11	<0.11	<0.11	<0.11	<0.11	**17000**	1000	200
1,2,4-Trimethylbenzene	<0.25	<0.25	<0.25	<0.25	<0.25	**3500**	<480	<96
1,3,5-Trimethylbenzene	<0.19	<0.19	<0.19	<0.19	<0.19	**800**	<480	<96
Xylenes, total	<0.39	<0.39	<0.39	<0.39	<0.39	**17000**	10,000	1,000
GRO	<50	<50	<50	<50	<50	64000	NA	NA

WI GW ES = Wisconsin Groundwater Enforcement Standards
WI PAL = Wisconsin Preventive Action Limit
Bold = exceedance of WI GW ES
Italics = exceedance of WI PAL

Sources for Wisconsin groundwater standards
Wisconsin Administrative Code, Chapter NR140.14, Table1-Department of Natual Resources Public Health Groundwater Quality Standards

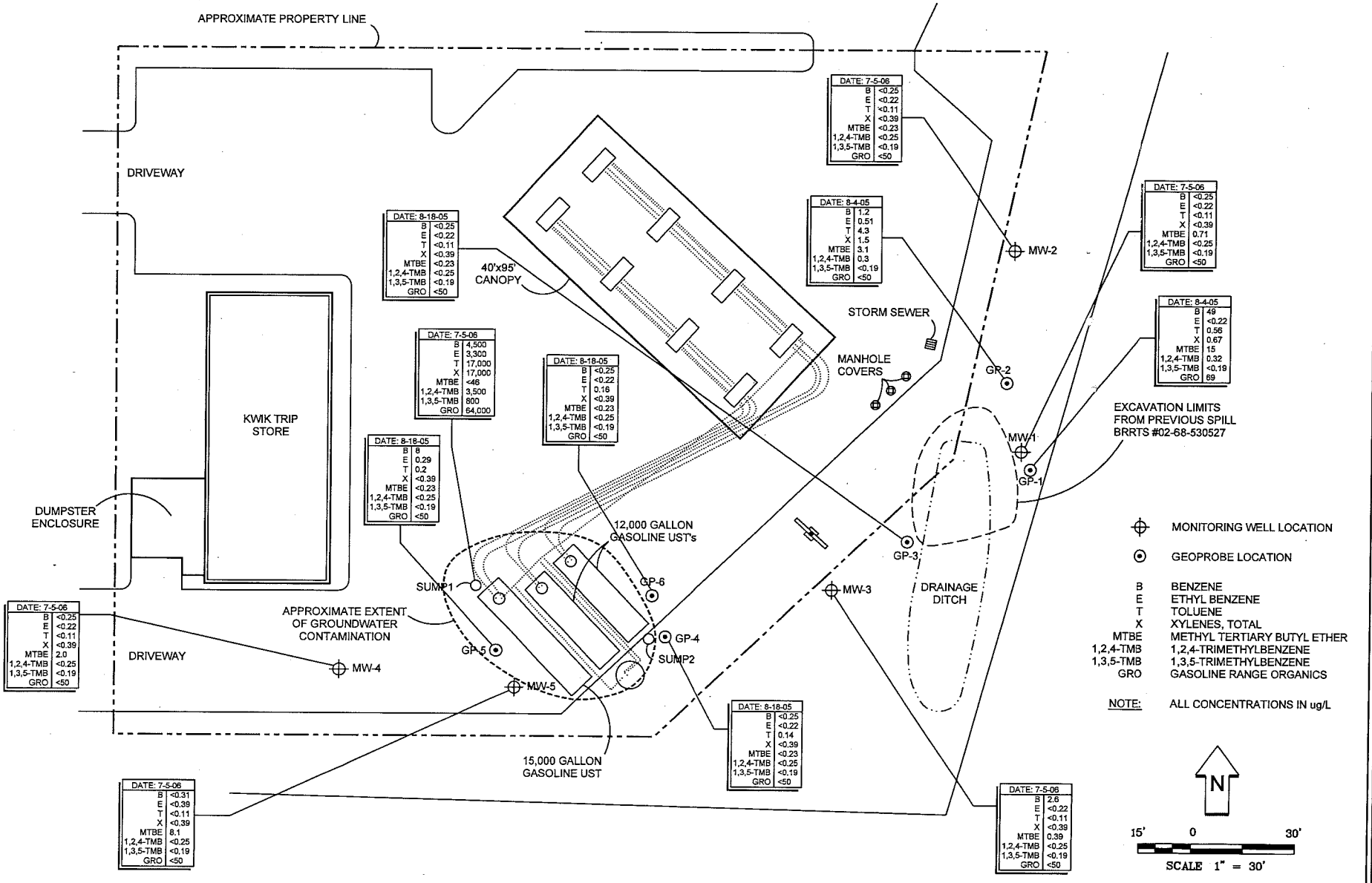


BRAUN INTERTEC

GROUNDWATER CONTOUR MAP (7-5-06)
REMEDITATION SYSTEM REPORT
KWIK TRIP STORE #664
MUSKEGO, WISCONSIN

INT		DATE	
DRAWN BY:	BJB	3-14-05	
APP'D BY:	WCS	8-17-06	
JOB NO.	LC0500431A	SHEET	OF
DWG. NO.	LC0500431		
SCALE	1" = 30'		

FIGURE NO.

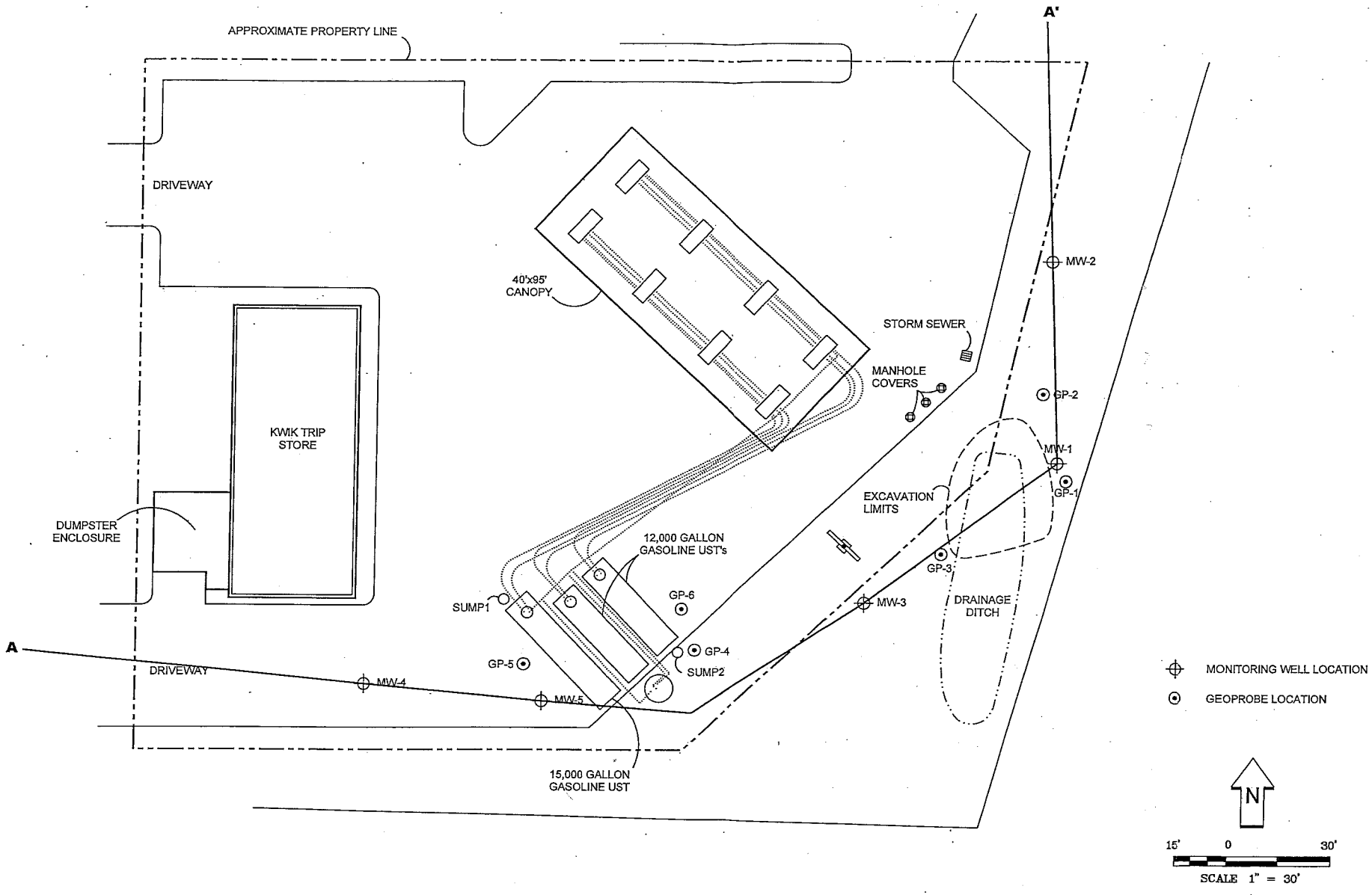


BRAUN INTERTEC

GROUNDWATER ISOCONCENTRATION MAP
CLOSURE REQUEST SUBMITTAL
KWIK TRIP STORE NO. 664
MUSKEGO, WISCONSIN

	INT	DATE
DRAWN BY:	BJB	3-14-05
APP'D BY:	KDN	9-6-06
JOB NO.	LC0500431A	
DWG. NO.	LC0500431	SHEET OF
SCALE	1" = 30'	

FIGURE NO.

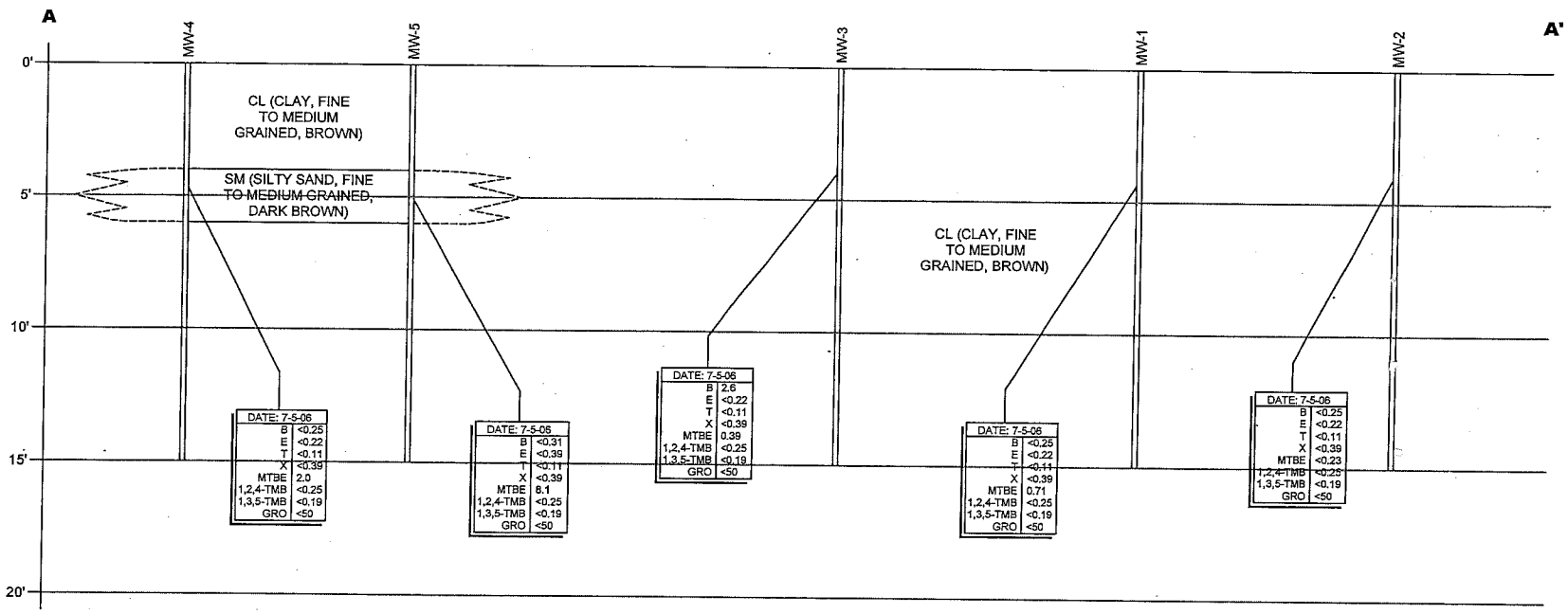


BRAUN INTERTEC

GEOLOGIC CROSS SECTION OVERVIEW
CLOSURE REQUEST SUBMITTAL
KWIK TRIP STORE NO. 664
MUSKEGO, WISCONSIN

INT		DATE	
DRAWN BY:	BJB	3-14-05	
APP'D BY:	KPN	7-3-06	
JOB NO.	LC0500431A		
DWG. NO. LC0500431		SHEET	OF
SCALE	1" = 30'		

FIGURE NO.



B BENZENE
E ETHYL BENZENE
T TOLUENE
X XYLENES, TOTAL
BE METHYL TERTIARY BUTYL ETHER
MB 1,2,4-TRIMETHYLBENZENE
MB 1,3,5-TRIMETHYLBENZENE
:O GASOLINE RANGE ORGANICS

E: ALL CONCENTRATIONS IN ug/L

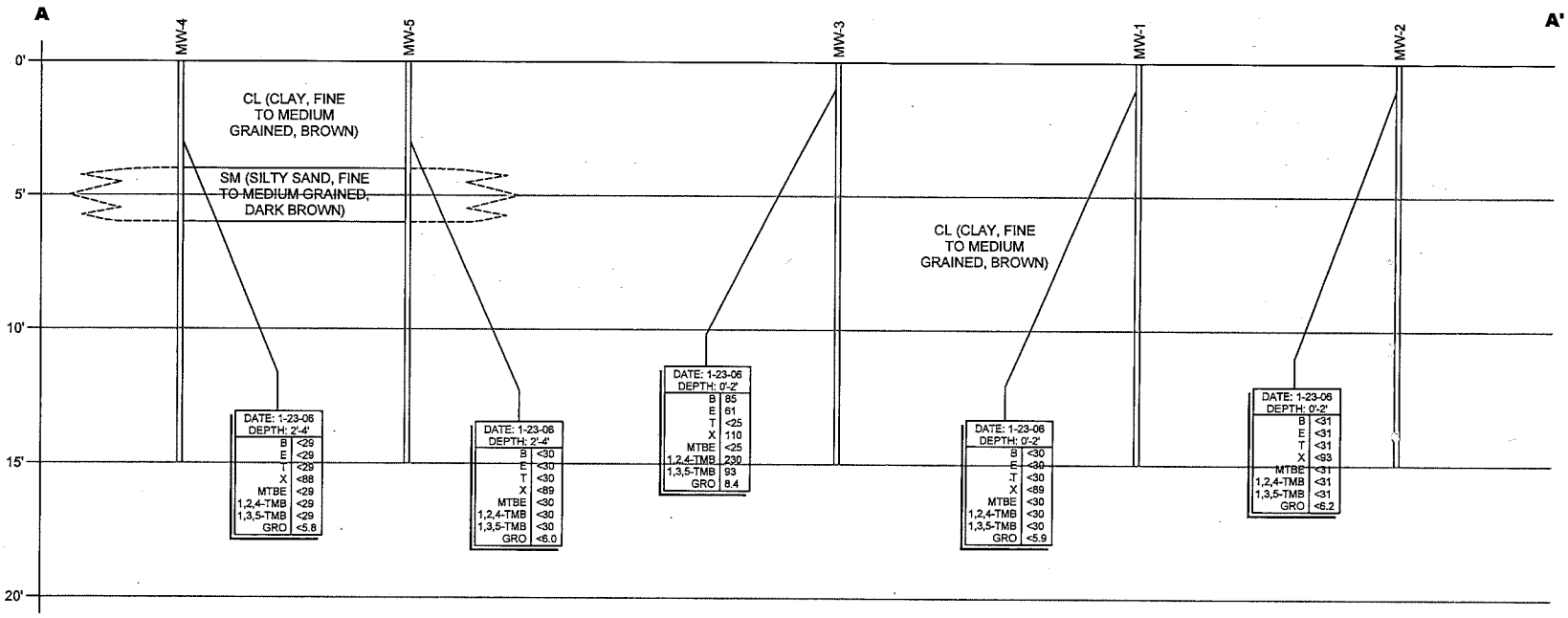
15' 0 30'
HORIZONTAL SCALE: 1" = 30'
2.5' 0 5'
VERTICAL SCALE: 1" = 5'
VERTICAL EXAGGERATION: 6x

BRAUN INTERTEC

GROUNDWATER GEOLOGIC CROSS SECTION A–A'
CLOSURE REQUEST SUBMITTAL
KWIK TRIP STORE NO. 664
MUSKEGO, WISCONSIN

		DATE
INT		
DRAWN BY:	BJB	7-10-06
APP'D BY:	KDN	7-12-06
JOB NO.	LC0500431A	
DWG. NO.	LC0500431A	SHEET OF
SCALE	AS SHOWN	

FIGURE NO.



B BENZENE
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T TOLUENE
X XYLENES, TOTAL
MTBE METHYL TERTIARY BUTYL ETHER
-TMB 1,2,4-TRIMETHYLBENZENE
-TMB 1,3,5-TRIMETHYLBENZENE
GRO GASOLINE RANGE ORGANICS

OTE: ALL CONCENTRATIONS IN ug/kg EXCEPT GRO (mg/kg)

15' 0 30'
HORIZONTAL SCALE: 1" = 30'
2.5' 0 5'
VERTICAL SCALE: 1" = 5'
VERTICAL EXAGGERATION: 6x

BRAUN INTERTEC

GEOLOGIC CROSS SECTION A–A'
CLOSURE REQUEST SUBMITTAL
KWIK TRIP STORE NO. 664
MUSKEGO, WISCONSIN

INT	DATE
DRAWN BY: BJB	7–10–06
APP'D BY: KPN	7–10–06
JOB NO. LC0500431A	
DWG. NO. LC0500431A	SHEET OF
SCALE AS SHOWN	

FIGURE NO.

BRAUN
INTERTEC

Braun Intertec Corporation
2831 Larson Street
La Crosse, WI 54603

Phone: 608.781.7277
Fax: 608.781.7279
Web: braunintertec.com

August 17, 2006

Project No. LC-05-00431A

City of Muskego
City Clerk Office
W182 S8200 Racine Avenue
Muskego, Wisconsin 53150

Re: Notification of Residual Petroleum Impacted Soil in the Right-of-way of Racine Avenue (Kwik Trip Store #664, S79 W18884 Janesville Road, Muskego, Wisconsin, WDNR BRRTS # 03-68-543473 & 02-68-530527).

As required by Wisconsin Administrative Code NR 726, this letter is to notify the City of Muskego of a soil NR-720 generic residual contaminant level (RCL) exceedance in the right-of-way of Racine Avenue located east of Kwik Trip Store #664, S79 W18884 Janesville Road, Muskego, Wisconsin. Remedial activities in the city right-of-way (completed for the Kwik Trip Store #664 site) indicated petroleum constituent concentrations exceeded RCLs in one soil sample collected. Figure 1 indicates the location and concentrations of petroleum constituents in the soil samples collected in and adjacent to the city right-of-way.

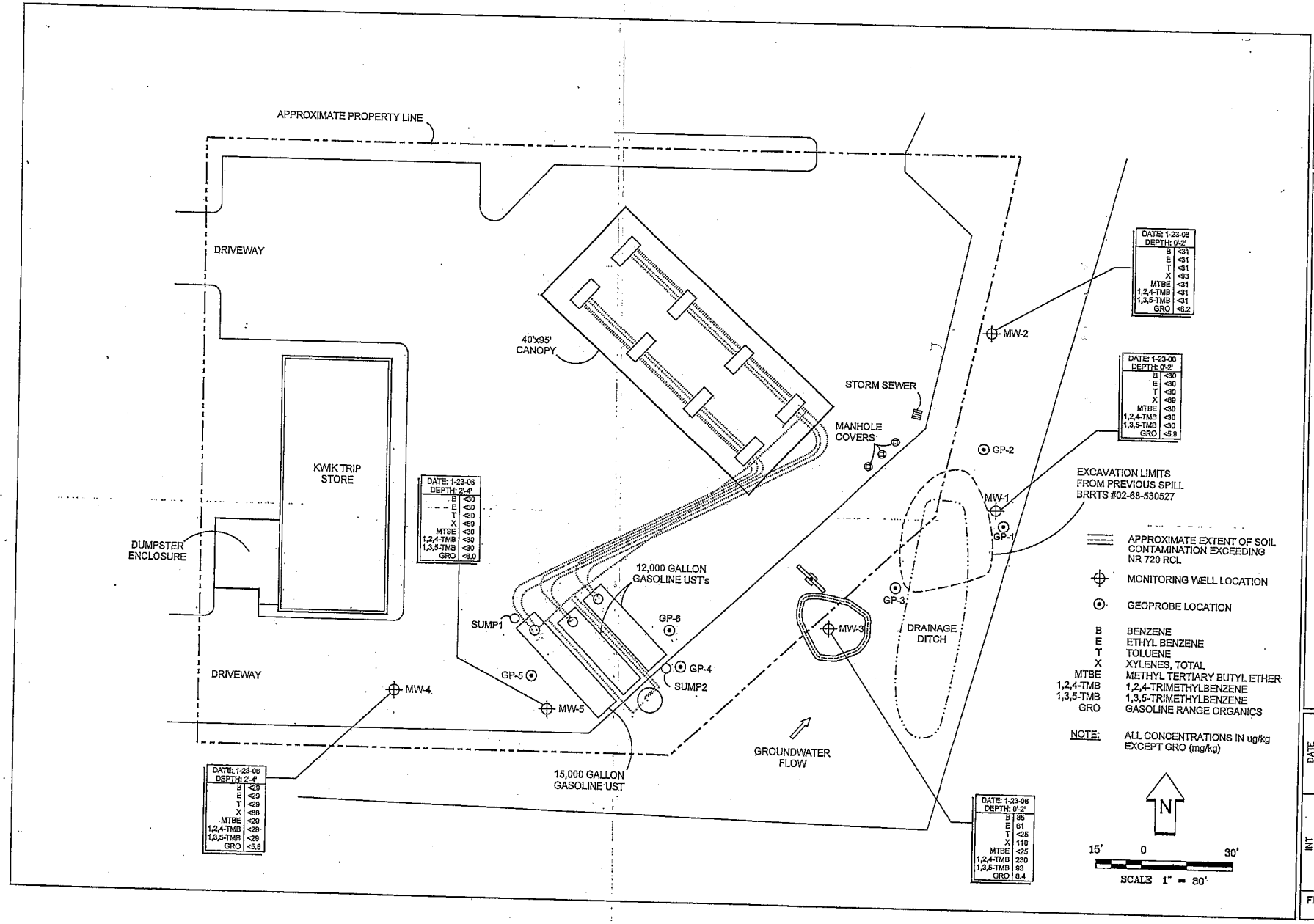
Please contact the Wisconsin Department of Natural Resources at (715) 684-2914 (ext. 117) or Braun Intertec Corporation at (608) 781-7277 if you have questions regarding this notice.

Sincerely,

BRAUN INTERTEC CORPORATION

Mark Gretebeck
Associate Principal

cc: Mr. Troy Batzel, Kwik Trip, Inc.



BRAUN INTERTEC

EXTENT OF SOIL CONTAMINATION MAP
CLOSURE REQUEST SUBMITTAL
KWIK TRIP STORE NO. 664
MUSKEGO, WISCONSIN

	INT	DATE
DRAWN BY:	BJB	3-14-05
APP'D BY:	KPN	8-17-06
JOB NO.	LC0500431A	
DWG. NO.	LC0500431	SHEET OF
SCALE	1" = 30'	

FIGURE NO.

Re: Geographic Information System Registry for the Kwik Trip Store # 664, S79 W18884 Janesville Road, Muskego, Wisconsin – WDNR BRRTS # 03-68-543473 & 02-68-530527

Regulatory file closure has been requested for the above referenced site. Petroleum impacted soil and groundwater exceeding Wisconsin Department of Natural Resources (WDNR) NR-720 generic residual contaminant levels (RCLs) and WNDR ch. NR140 groundwater enforcement standards may still be present beneath the site. Therefore, pursuant to WDNR ch. NR 726, the required Geographic Information System (GIS) registry information must include legal descriptions and/or plat maps. Legal descriptions and/or plat maps must be included for all properties (within or partially within the site's boundaries), which have soil contamination that exceeds the RCLs and/or groundwater contamination the exceeds the ESs at the time closure is requested. Additionally, the GIS registry information must include a statement signed by the responsible party, which states that he or she believes that the legal description has been attached for each property that is within, or partially within, the contaminated site boundary. (The purpose of this requirement is that a legal description for each of the contaminated properties has been submitted. The responsible party is not required to attest to the accuracy of the attached legal descriptions.) Therefore, the following statement has been included:

I, Troy Batzel, representing Kwik Trip, Inc., certify that to the best of my knowledge the legal description has been attached for each property that is within, or partially within, the contaminated site boundary for the Kwik Trip Store # 664 site.

Signature: Troy Batzel Date: 7/14/06

BRAUN
INTERTEC

Braun Intertec Corporation
2831 Larson Street
La Crosse, WI 54603

Phone: 608.781.7277
Fax: 608.781.7279
Web: braunintertec.com

August 17, 2006

Project No. LC-05-00431A

City of Muskego
Public Works Department
W189 S8235 Mercury Drive
Muskego, Wisconsin 53150

Re: Notification of Residual Petroleum Impacted Soil in the Right-of-way of Racine Avenue (Kwik Trip Store #664, S79 W18884 Janesville Road, Muskego, Wisconsin, WDNR BRRTS # 03-68-543473 & 02-68-530527).

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Sincerely,

BRAUN INTERTEC CORPORATION

Mark Gretebeck
Associate Principal

cc: Mr. Troy Batzel, Kwik Trip, Inc.