GIS REGISTRY INFORMATION

SITE NAME:	Crossroads Mobile Mart		
BRRTS #:	03-35-384960	**FID #** (if appropriate):	
COMMERCE # (if appropriate):	54487-1938-27		
CLOSURE DATE:	April 09, 2004		
STREET ADDRESS:	1727 E Somo Ave		
CITY:	Tomahawk		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	543670		**Y =**	555360	
CONTAMINATED MEDIA:	Groundwater		Soil		Both	X
OFF-SOURCE GW CONTAMINATION >ES:		Yes			No	X
• **IF YES, STREET ADDRESS:**						
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**			**Y =**		
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):		Yes		No	X	
• **IF YES, STREET ADDRESS 1:**						
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**			**Y =**		
CONTAMINATION IN RIGHT OF WAY:	Yes			No	X	

DOCUMENTS NEEDED

Closure Letter, and any conditional closure 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	X
County Parcel ID number, *if used for county*, for all affected properties - 36.0056.002.007.01	X
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)	X
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	X
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	X
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	X
RP certified statement that legal descriptions are complete and accurate.	X
Copies of off-source notification letters (if applicable)	
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	

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2715 Post Road
Stevens Point, Wisconsin 54481-
TDD #: (608) 264-8777
Fax #: (715) 345-5269
Jim Doyle, Governor
Cory L. Nettles, Secretary

April 9, 2004

Gerald Whitburn
Crossroads Mobile Mart
W7146 Village Rd Unit A
Merrill, WI 54487

RE: **Final Closure**

Commerce # 54487-1938-27 WDNR BRRTS # 03-35-384960
Crossroads Mobile Mart, 1727 E Somo Ave, Tomahawk

Dear Mr. Whitburn:

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 Wisconsin Department of Natural Resources (WDNR) 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 (715) 342-3802.

Sincerely,

Dee Zoellner

Dee Zoellner
Hydrogeologist
Site Review Section

cc: Andrew Delforge, REI
Case File

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2715 Post Road
Stevens Point, Wisconsin 54481-
TDD #: (608) 264-8777
Fax #: (715) 345-5269
Jim Doyle, Governor
Cory L. Nettles, Secretary

April 5, 2004

Gerald Whitburn
Crossroads Mobile Mart
W7146 Village Rd Unit A
Merrill, WI 54487

RE: **Conditional Case Closure**

Commerce # 54487-1938-27 WDNR BRRTS # 03-35-384960
Crossroads Mobile Mart, 1727 E Somo Ave, Tomahawk

Dear Mr. Whitburn:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, REI, 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 condition must be satisfied to obtain final closure:

- All monitoring wells must be properly abandoned. 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. Costs associated with recording deed notices or other restrictions are not eligible for PECFA reimbursement, and the recording of these notices should not delay the claim submittal process.

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 (715) 342-3802.

Sincerely,

Dee Zoellner
Hydrogeologist
Site Review Section

cc: Rei
Case File

350563

DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 2 – 1982
WARRANTY DEED

DONALD WHITBURN

conveys and warrants to GERALD WHITBURN

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

LINCOLN COUNTY, WIS.
Received for Record the 8th day of July A.D. 19 96 at 1:55 o'clock P. M. and Recorded in Vol. 572 of RECORDS on page 73
Helene Callahan
REGISTER OF DEEDS

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS
Gerald Whitburn $10.00 Gdc
1949 Sunset Drive D
Tomahawk, WI 54487

36.0056.002.007.01
PARCEL IDENTIFICATION NUMBER

A parcel of land situated in the Northeast Quarter of the Southeast Quarter (NE¼ SE¼), Section Thirty-five (35), Township Thirty-five (35) North, Range Six (6) East, described by metes and bounds as follows: Commencing at the intersection of the west line of said 40-acre tract with the north right-of-way line of Highway D there situated marked by an iron stake, being the place of beginning; thence East along the North right-of-way line of Highway D Two Hundred Sixty (260) feet to a point marked by an iron stake; thence North Five Hundred (500) feet to a point marked by an iron stake; thence West on a line parallel to the north right-of-way line of Highway D Two Hundred Sixty (260) feet to a point marked by an iron stake; thence South Five Hundred (500) feet along the West line of said forty to the place of beginning.

FEE $17.25 (8) EXEMPT

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

Exception to warranties: any and all highways and easements of record.

Dated this 24th day of June, A.D., 19 96.

Donald Whitburn (SEAL)
• Donald Whitburn
(SEAL)
•

(SEAL)
•
(SEAL)
•

AUTHENTICATION

Signature(s) of Donald Whitburn

authenticated this _____ day of June, 19 96

• Craig J. Nienow
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____ authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Craig J. Nienow, Attorney & Counselor at Law
1105 East Main Street, Merrill WI 54452
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin, } ss.
Lincoln County.

Personally came before me this 24th day of June, 19 96, the above-named Donald Whitburn

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

Marianne Kottman
• Marianne Kottman
Notary Public, Lincoln County, Wis.
My commission is permanent. (If not, state expiration date: June 21, 1998)

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

VOL. 572 PG. 73

WARRANTY DEED

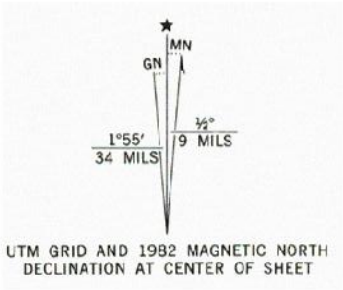
STATE BAR OF WISCONSIN
Form No. 2 – 1982

Wisconsin Legal Blank Co., Inc.
Milwaukee, Wis.

REI
CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING

1 ½ 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



UTM GRID AND 1982 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

TOMAHAWK, WIS.
NW/4 TOMAHAWK 15' QUADRANGLE
N4522.5–W8937.5/7.5

1982

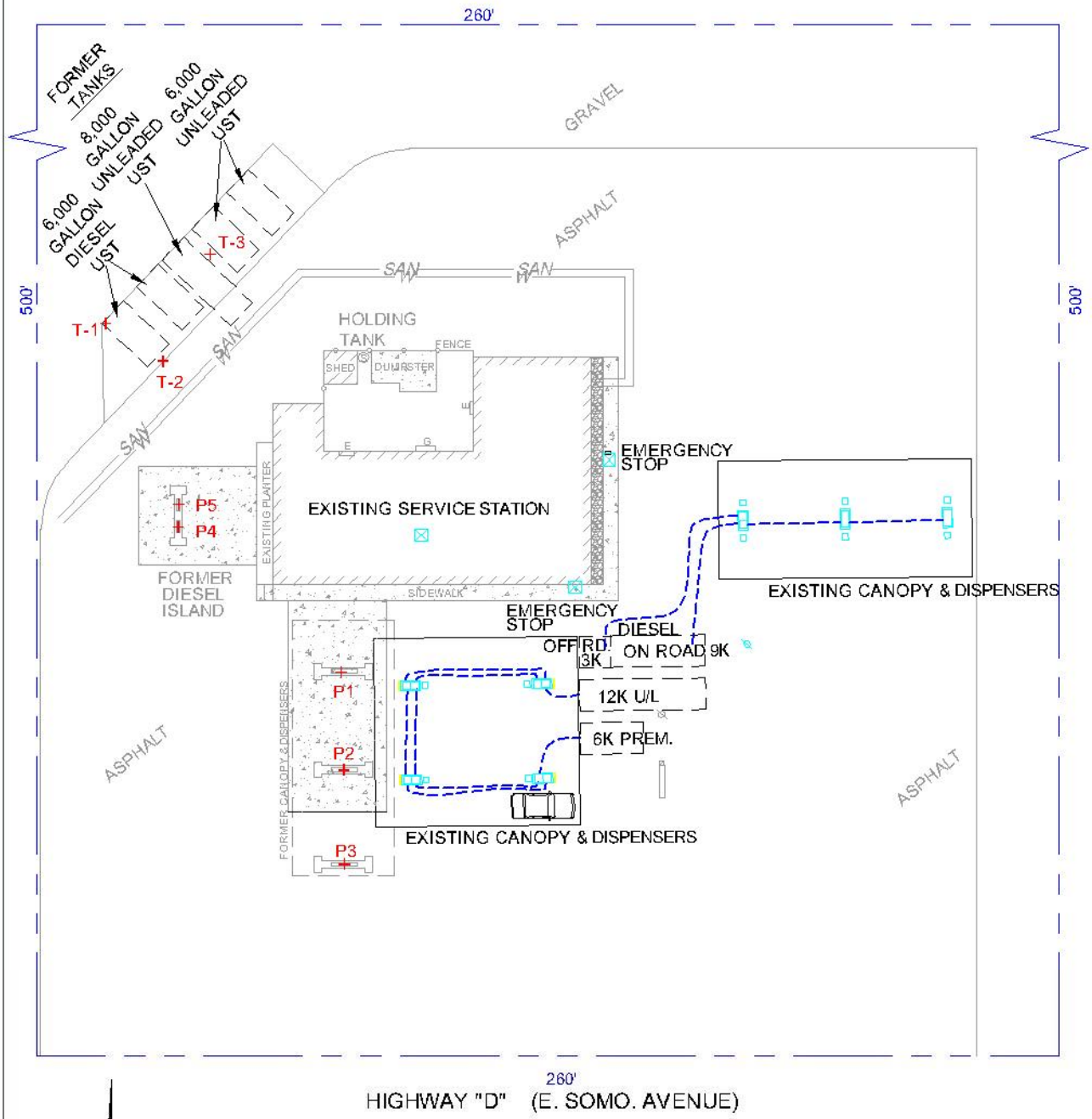
DMA 3074 I NW–SERIES V861

QUADRANGLE LOCATION

J:\DRAFTING\2495CR–MOBIL\2495VICIN.dwg

CROSSROADS MOBIL MART 1727 E. SOMO AVENUE TOMAHAWK, WISCONSIN 54487	FIGURE 1 : SITE VICINITY MAP		
	PROJECT NO. 2495	DRAWN BY: TJR	DATE: 11/25/02

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



LEGEND

- PETROLEUM PRODUCT LINE
- GEOPROBE LOCATION
- SAMPLE LOCATION
- PROPERTY LINE
- WATER LATERIAL
- SEWER LATERIAL

J:\DRAFTING\2495CR-MOBIL\2495UST.DWG

CROSSROADS MOBIL MART 1727 E. SOMO AVENUE TOMAHAWK, WISCONSIN 54487	FIGURE 2 : UST REMOVAL SAMPLE LOCATIONS		
	PROJECT NO. 2495	DRAWN BY: TJR	DATE: 1/13/04

TABLE 2
UST CLOSURE GROUNDWATER ANALYTICAL RESULTS
CROSSROADS MOBIL MART
TOMAHAWK, WI

PARAMETER	ES	PAL	11/05/2002
Detected VOC's (ug/L)			
Benzene	5	0.5	*0.84*
Ethylbenzene	700	140	4.3
Toluene	1,000	200	16
Xylenes (Total)	10,000	1,000	25.2
Trimethylbenzenes (Total)	480	96	4.9
Methyl Tert Butyl Ether	60	12	<0.43
Detected PAHs (ug/L)			
Acenapthene			0.28
Acenapthylene			<0.57
Anthracene	3,000	600	0.097
Benzo (a) Anthracene			0.12
Benzo (a) Pyrene	0.2	0.02	*0.062*
Benzo (b) Fluoranthene	0.2	0.02	*0.054*
Benzo (g,h,i) Fluoranthene			<0.048
Benzo (k) Fluoranthene			<0.057
Ideno(1,2,3-cd)Pyrene			<0.06
Chrysene	0.2	0.02	*0.14*
Dibenzo(a,h)Anthracene			<0.048
Fluoranthene	400	80	0.26
Fluorene	400	80	0.23
2-Methyl Napthalene			0.35
1-Methyl Napthalene			0.59
Napthalene	40	8	0.45
Phenanthrene			0.56
Pyrene	250	50	0.27

PAL = Preventative Action Limit
ES = Enforcement Standards

Italic	= Exceeds Preventative Action Limit
BOLD	= Exceeds Enforcement Standard

TABLE 2a
GEOPROBE GROUNDWATER ANALYTICAL RESULTS
CROSSROADS MOBIL MART
TOMAHAWK, WI

			GP-1	GP-3	GP-4	GP-7
PARAMETER	ES	PAL	01/28/2003	01/28/2003	01/28/2003	01/28/2003
Detected VOC's (ug/L)						
Benzene	5	0.5	<1.1	**19**	<0.45	<0.45
Ethylbenzene	700	140	11	*570*	<0.82	<0.82
Toluene	1,000	200	24	2,100	<0.68	1.2
Xylenes (Total)	10,000	1,000	940	14,000	<2.47	22.1
Trimethylbenzenes (Total)	480	96	**770**	**6,800**	<1.86	28.7
Methyl Tert Butyl Ether	60	12	<1.1	<11	<0.43	1.7
Detected PAHs (ug/L)						
Acenapthene			NA	NA	<0.023	NA
Acenapthylene			NA	NA	<0.025	NA
Anthracene	3,000	600	NA	NA	<0.026	NA
Benzo (a) Anthracene			NA	NA	<0.016	NA
Benzo (a) Pyrene	0.2	0.02	NA	NA	<0.018	NA
Benzo (b) Fluoranthene	0.2	0.02	NA	NA	<0.017	NA
Benzo (k) Fluoranthene			NA	NA	<0.025	NA
Benzo (g,h,i) Fluoranthene			NA	NA	<0.021	NA
Chrysene	0.2	0.02	NA	NA	<0.018	NA
Dibenzo(a,h)Anthracene			NA	NA	<0.021	NA
Fluoranthene	400	80	NA	NA	<0.017	NA
Fluorene	400	80	NA	NA	<0.022	NA
Ideno(1,2,3-cd)Pyrene			NA	NA	<0.027	NA
1-Methyl Napthalene			NA	NA	0.083	NA
2-Methyl Napthalene			NA	NA	0.10	NA
Napthalene	40	8	NA	NA	0.14	NA
Phenanthrene			NA	NA	<0.021	NA
Pyrene	250	50	NA	NA	<0.022	NA

PAL = Preventative Action Limit
ES = Enforcement Standards

Bold	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

TABLE 2b
GROUNDWATER ANALYTICAL RESULTS
CROSSROADS MOBIL MART
TOMAHAWK, WI

			MW1	
PARAMETER	ES	PAL	09/10/2003	12/17/2003
Detected VOC's (ug/L)				
Benzene	5	0.5	<1.5	*0.85*
Ethylbenzene	700	140	31	22
Toluene	1,000	200	13	3.7
Xylenes (Total)	10,000	1,000	660	325
Trimethylbenzenes (Total)	480	96	**920**	**640**
Methyl Tert Butyl Ether	60	12	<2.9	<1.4
Detected PAHs (ug/L)				
Acenapthene			NA	NA
Acenapthylene			NA	NA
Anthracene	3,000	600	NA	NA
Benzo (a) Anthracene			NA	NA
Benzo (a) Pyrene	0.2	0.02	NA	NA
Benzo (b) Fluoranthene	0.2	0.02	NA	NA
Benzo (k) Fluoranthene			NA	NA
Benzo (g,h,i) Fluoranthene			NA	NA
Chrysene	0.2	0.02	NA	NA
Dibenzo(a,h)Anthracene			NA	NA
Fluoranthene	400	80	NA	NA
Fluorene	400	80	NA	NA
Ideno(1,2,3-cd)Pyrene			NA	NA
1-Methyl Napthalene			NA	NA
2-Methyl Napthalene			NA	NA
Napthalene	40	8	NA	NA
Phenanthrene			NA	NA
Pyrene	250	50	NA	NA

PAL = Preventative Action Limit
ES = Enforcement Standards

Bold	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

TABLE 2c
GROUNDWATER ANALYTICAL RESULTS
CROSSROADS MOBIL MART
TOMAHAWK, WI

			MW2	
PARAMETER	ES	PAL	09/10/2003	12/24/2003
Detected VOC's (ug/L)				
Benzene	5	0.5	*3.0*	<3.0
Ethylbenzene	700	140	*140*	63
Toluene	1,000	200	130	37
Xylenes (Total)	10,000	1,000	*2900*	*1080*
Trimethylbenzenes (Total)	480	96	**1970**	**1290**
Methyl Tert Butyl Ether	60	12	<5.8	<5.8
Detected PAHs (ug/L)				
Acenapthene			NA	NA
Acenapthylene			NA	NA
Anthracene	3,000	600	NA	NA
Benzo (a) Anthracene			NA	NA
Benzo (a) Pyrene	0.2	0.02	NA	NA
Benzo (b) Fluoranthene	0.2	0.02	NA	NA
Benzo (k) Fluoranthene			NA	NA
Benzo (g,h,i) Fluoranthene			NA	NA
Chrysene	0.2	0.02	NA	NA
Dibenzo(a,h)Anthracene			NA	NA
Fluoranthene	400	80	NA	NA
Fluorene	400	80	NA	NA
Ideno(1,2,3-cd)Pyrene			NA	NA
1-Methyl Napthalene			NA	NA
2-Methyl Napthalene			NA	NA
Napthalene	40	8	NA	NA
Phenanthrene			NA	NA
Pyrene	250	50	NA	NA

PAL = Preventative Action Limit
ES = Enforcement Standards

Bold	= Exceeds Enforcement Standard
Italic	= Exceeds Preventative Action Limit

TABLE 1a
GEOPROBE SOIL ANALYTICAL RESULTS
CROSSROADS MOBIL MART
TOMAHAWK, WI

Date-->				*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*	*1/28/03*
Sample-->				*GP-1*	*GP-1*	*GP-2*	*GP-2*	*GP-3*	*GP-3*	*GP4*	*GP-5*	*GP-5*	*GP-6*	*GP-6*	*GP-7*	*GP-8*	*GP-8*	*GP-9*	*GP-9*	*GP-10*	*GP-10*	*GP-11*	*GP-11*	*GP-12*	*GP-12*
Sample Depth--(Feet)>				*2-4*	*6-8*	*2-4*	*8-10*	*2-4*	*4-6*	*2-4*	*6-8*	*8-10*	*2-4*	*8-10*	*4-6*	*4-6*	*8-10*	*6-8*	*8-10*	*6-8*	*8-10*	*2-4*	*8-10*	*2-4*	*8-10*
Detected PVOC's (ug/kg)	RCL	Table 1	Table 2																							
Benzene	5.5	8,500	1,100	<25	<2100	<27	<25	<2500	<2700	<25	<30	**79**	<25	**120**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	2,900	4,600	NS	210	**17,000**	33	<25	**20,000**	**72,000**	<25	<30	36	<25	65	<25	<25	<25	<25	<25	33	<25	<25	<25	<25	<25	<25
Toluene	1,500	38,000	NS	<25	**3,800**	<27	<25	**22,000**	**120,000**	<25	<30	220	27	740	27	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Xylenes (Total)	4,100	42,000	NS	280	**330,000**	157	<50	**540,000**	**940,000**	29	143	80	102	235	38	<50	<50	53	37	141	<50	29	<50	55	45
Methly tert Butyl Ether	NS	NS	NS	<25	<2100	<27	<25	<2500	<2700	<25	<30	43	<25	64	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	NS	83,000	NS	580	270,000	32	<25	450,000	540,000	<25	48	34	28	87	<25	<25	<25	<25	<25	<25	<25	58	<25	<25	<25
1,3,5-Trimethylbenzene	NS	11,000	NS	200	120,000	<27	<25	140,000	170,000	<25	<30	<27	59	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
PAH's (ug/kg)																										
Acenaphthene	900,000	NS	NS	NA	NA	NA	NA	NA	NA	<11	<12	<12	<11	<13	<12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenapthylene	18,000	NS	NS	NA	NA	NA	NA	NA	NA	<19	<20	<20	<19	<21	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	5,000,000	NS	NS	NA	NA	NA	NA	NA	NA	<11	<12	<12	<11	<12	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (a) Anthracene	88	NS	NS	NA	NA	NA	NA	NA	NA	<6.2	<6.6	<6.7	<6.4	<7.1	<6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (a) Pyrene	8.8	NS	NS	NA	NA	NA	NA	NA	NA	<6.2	<6.6	<6.6	<6.3	<7.0	<6.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (b) Fluoranthene	88	NS	NS	NA	NA	NA	NA	NA	NA	<6.7	<7.0	<7.1	<6.8	<7.5	<6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (k) Fluoranthene	880	NS	NS	NA	NA	NA	NA	NA	NA	<9.2	<9.7	<9.8	<9.4	<10	<9.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (g,h,i) Perylene	1,800	NS	NS	NA	NA	NA	NA	NA	NA	<12	<13	<13	<12	<14	<12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	8,800	NS	NS	NA	NA	NA	NA	NA	NA	<7.1	<7.5	<7.6	<7.2	<8.0	<7.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo (a,h) Anthracene	8.8	NS	NS	NA	NA	NA	NA	NA	NA	<7.7	<8.1	<8.2	<7.8	<8.7	<8.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	600,000	NS	NS	NA	NA	NA	NA	NA	NA	<8.5	<9.0	<9.1	<8.6	<9.6	<8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	600,000	NS	NS	NA	NA	NA	NA	NA	NA	<6.0	<6.3	<6.4	<6.1	<6.8	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ideno (1,2,3-cd) Pyrene	88	NS	NS	NA	NA	NA	NA	NA	NA	<12	<12	<13	<12	<13	<12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methyl Naphthalene	1,100	NS	NS	NA	NA	NA	NA	NA	NA	<7.3	<7.7	<7.8	<7.4	<8.2	<7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene	600,000	NS	NS	NA	NA	NA	NA	NA	NA	<7.7	<8.1	<8.2	<7.8	<8.7	<8.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	20,000	NS	NS	NA	NA	NA	NA	NA	NA	<7.8	<8.3	<8.4	<7.9	<8.8	<8.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	18,000	NS	NS	NA	NA	NA	NA	NA	NA	<8.0	<8.3	<8.6	<8.2	<9.1	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500,000	NS	NS	NA	NA	NA	NA	NA	NA	<14	<15	<15	<14	<16	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO (mg/kg)	100	NS	NS	43	**3,400**	<2.8	<2.9	**3,700**	**5,000**	NA	<3.3	<3.0	2.8	<2.9	<2.7	<2.7	<3.0	<2.6	<2.8	<2.6	<2.8	<2.6	<2.9	<2.6	<4.1	
DRO (mg/kg)	100	NS	NS	NA	NA	NA	NA	NA	NA	<4.2	<4.4	<5.4	8.4	<5.1	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

RCL - NR 720 Soil Residual Contaminant Level
Table 1 - COMM 46 Table 1 Value - Indicates Petroleum Product in Soil Pores
Table 2 - Direct Contact Standard
< - Concentration below listed laboratory detection limit
RCL exceedences are bold **Bold**
Table 1 Exceedances are outlined in bold **Bold**
PVOCs - Petroleum Volatile Organic Compounds
PAHs - Polynuclear Aromatic Compounds
GRO - Gasoline Range Organics
DRO - Diesel Range Organics

TABLE 1
UST CLOSURE SOIL ANALYTICAL RESULTS
CROSSROADS MOBIL MART
TOMAHAWK, WI

	Date-->	***11/05/2002***	***11/05/2002***	***11/05/2002***	***11/05/2002***	***11/05/2002***	***11/05/2002***	***11/05/2002***	***11/05/2002***
	Sample-->	***P1***	***P2***	***P3***	***P4***	***P5***	***T1***	***T2***	***T3***
	Sample Depth--(Feet)>	***1***	***1***	***1***	***1***	***1***	***7***	***7***	***7***
Field Screening (PID Instrument Units)		***146***	***22.9***	***25.6***	***4.0***	***0.0***	***0.0***	***5.1***	***14.7***
GRO (mg/kg)	100	**4,700**	86	**210**	NA	NA	NA	NA	6.4
DRO (mg/kg)	100	NA	NA	NA	**10,000**	**24,000**	11	30	NA

Notes:

RCL - NR 720 Soil Residual Contaminant Level

< - Less Than Listed Detection Limit

RCL exceedences **Bold**

TABLE 1b
CONFIRMATION SOIL ANALYTICAL RESULTS
CROSSROADS MOBIL MART
TOMAHAWK, WI

Date-->				***5/7/03***	***5/7/03***	***5/7/03***	***5/7/03***	***5/7/03***	***5/7/03***	***5/7/03***	***5/7/03***
Sample-->				**SEN**	**SES**	**SEE**	**SEW**	**NEN**	**NEW**	**NES**	**NEE**
Sample Depth--(Feet)>				***5***	***5***	***5***	***5***	***5***	***5***	***5***	***5***
Field Screening - PID --(I.U.s)>				***0.6***	***NR***	***NR***	***NR***	***2.3***	***2.4***	***77***	***5.0***
Detected PVOC's (ug/kg)	RCL	Table 1	Table 2								
Benzene	5.5	8,500	1,100	<25	<25	<25	<28	<25	<25	<25	<25
Ethylbenzene	2,900	4,600	NS	<25	<25	<25	<28	<25	<25	<25	<25
Toluene	1,500	38,000	NS	<25	<25	<25	<28	<25	<25	46	<25
Xylenes (Total)	4,100	42,000	NS	<75	<75	<75	<84	<75	29	116	<75
Methly tert Butyl Ether	NS	NS	NS	<25	<25	<25	<28	<25	<25	<25	<25
1,2,4-Trimethylbenzene	NS	83,000	NS	<25	<25	<25	<28	63	120	87	<25
1,3,5-Trimethylbenzene	NS	11,000	NS	<25	<25	<25	<28	27	50	30	<25
GRO (mg/kg)	100	NS	NS	<2.6	<2.6	<2.6	<2.9	<2.6	<2.8	<2.6	<26

Notes:

RCL - NR 720 Soil Residual Contaminant Level
Table 1 - COMM 46 Table 1 Value - Indicates Petroleum Product in Soil Pores
Table 2 - Direct Contact Standard
< - Concentration below listed laboratory detection limit
RCL exceedences are bold
Table 1 Exceedances are outlined in bold
PVOCs - Petroleum Volatile Organic Compounds
GRO - Gasoline Range Organics
DRO - Diesel Range Organics

Crossroads Mobil - Tomahawk, WI
SOIL CONTAMINANT MASS

Volume - Soil

200 cubic yards @ 1.4 tons/yd = 280 tons

Contaminant Mass in Total Petroleum Hydrocarbons as GRO:

(X mg/kg/10^6) * (2,800 lb/yd^3) * (Y yd^3) = Z lb GRO

Borings Used (Values are GRO in mg/kg)

GP-1	***GP-3***	***GP-3***
6-8	***2-4***	***4-6***
3,400	3,700	5,000

Average GRO concentration = 4,033 mg/kg

Thus:

(4,033 mg/kg/10^6) * (2,800 lb/yd^3) * (200yd^3) = 2,259 lb GRO

Contaminant Mass in Benzene:

(X ug/kg/10^9) * (2,800 lb/yd^3) * (Y yd^3) = Z lb Benzene

Borings Used (Values are Benzene in ug/kg)

GP-1	***GP-3***	***GP-3***	
6-8	***2-4***	***4-6***	
1,050	1,250	1,350	(1/2 detection limit)

Average benzene concentration = 1,217 ug/kg

Thus:

(1,217 ug/kg/10^9) * (2,800 lb/yd^3) * (200yd^3) = 0.68 lb benzene

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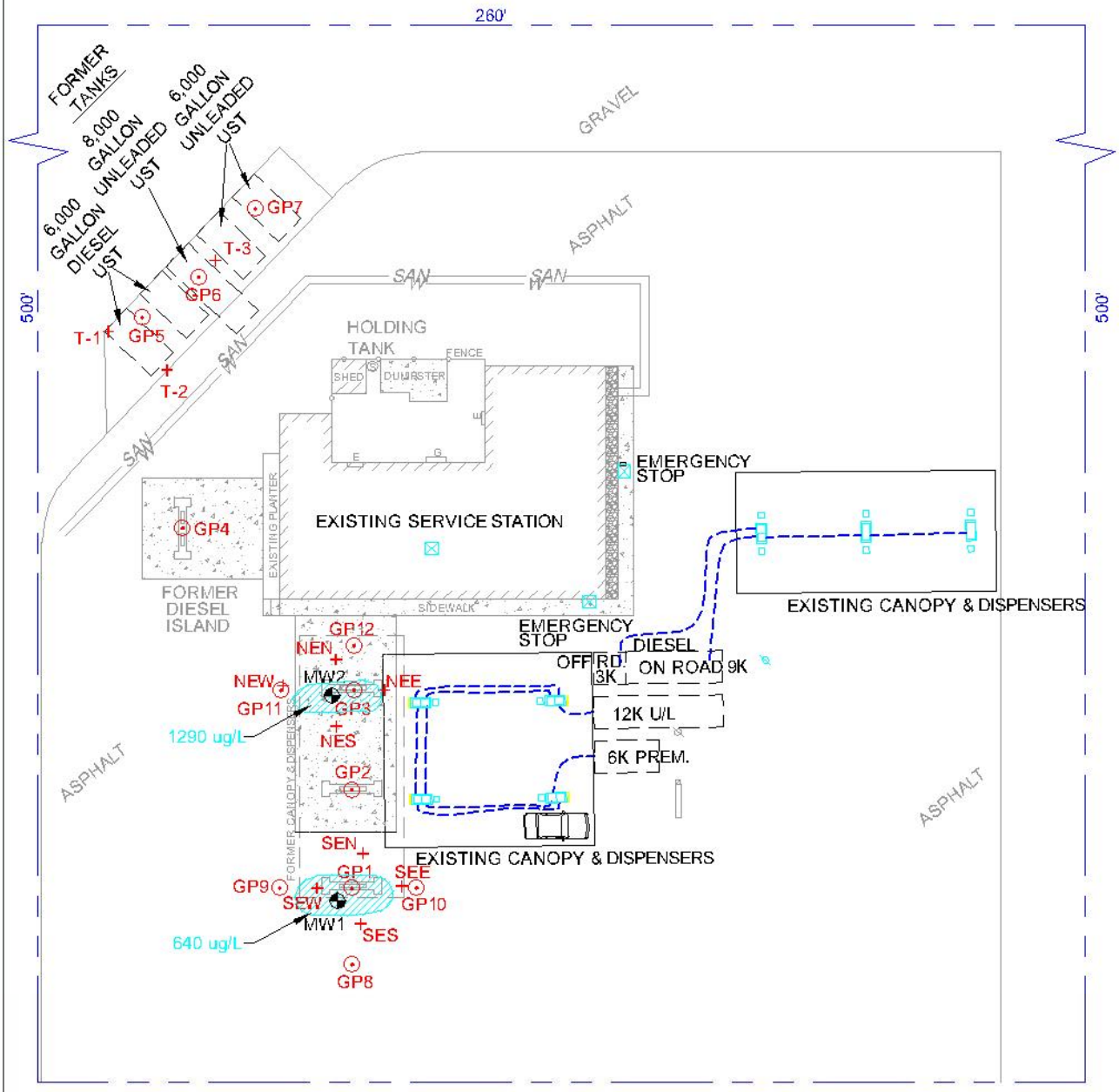

LEGEND

- PETROLEUM PRODUCT LINE
- MONITORING WELL
- GEOPROBE LOCATION
- SAMPLE LOCATION
- PROPERTY LINE
- WATER LATERAL
- SEWER LATERAL
- AREA OF GROUNDWATER CONTAMINATION EXCEEDING NR 140 ES (TRIMETHYLBENZENE)
- 640 ug/L - CONCENTRATION OR TOTAL TRIMETHYLBENZENE

J:\DRAFTING\2495CR-MOBIL\2495GW_CONTAM.DWG

CROSSROADS MOBIL MART 1727 E. SOMO AVENUE TOMAHAWK, WISCONSIN 54487	FIGURE 6 : AREA OF GROUNDWATER CONTAMINATION EXCEEDING NR 140 ES (TRIMETHYLBENZENE)		
	PROJECT NO. 2495	DRAWN BY: TJR	DATE: 1/13/04

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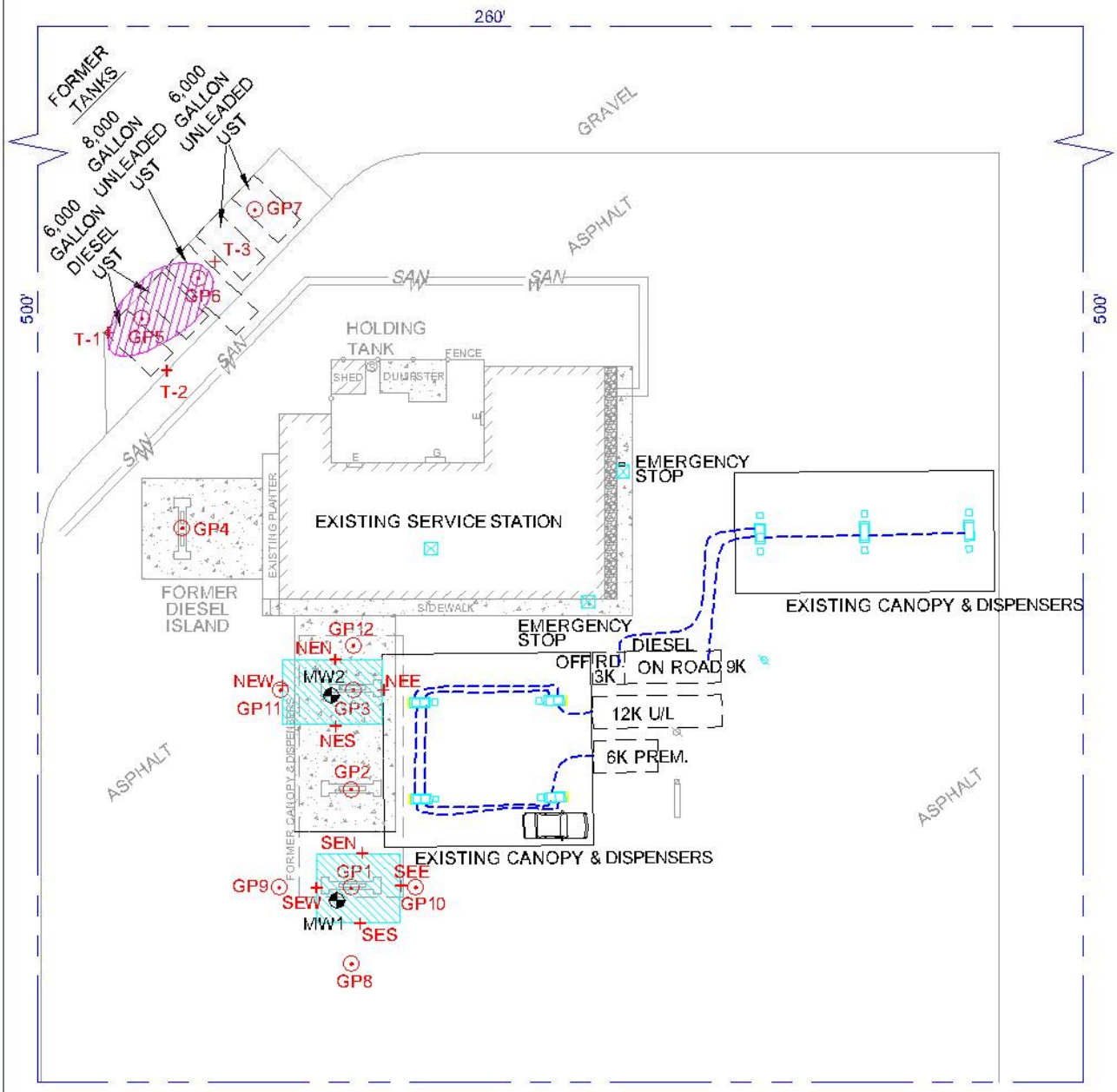

LEGEND

- PETROLEUM PRODUCT LINE
- MONITORING WELL
- GEOPROBE LOCATION
- SAMPLE LOCATION
- PROPERTY LINE
- WATER LATERAL
- SEWER LATERAL
- AREA OF EXCAVATION TO 8 FEET
- AREA OF RESIDUAL SOIL CONTAMINATION

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CROSSROADS MOBIL MART
1727 E. SOMO AVENUE
TOMAHAWK, WISCONSIN 54487

FIGURE 5 : AREA OF EXCAVATION & CONFIRMATION SOIL SAMPLE LOCATIONS

PROJECT NO.	DRAWN BY:	DATE:
2495	TJR	1/13/04

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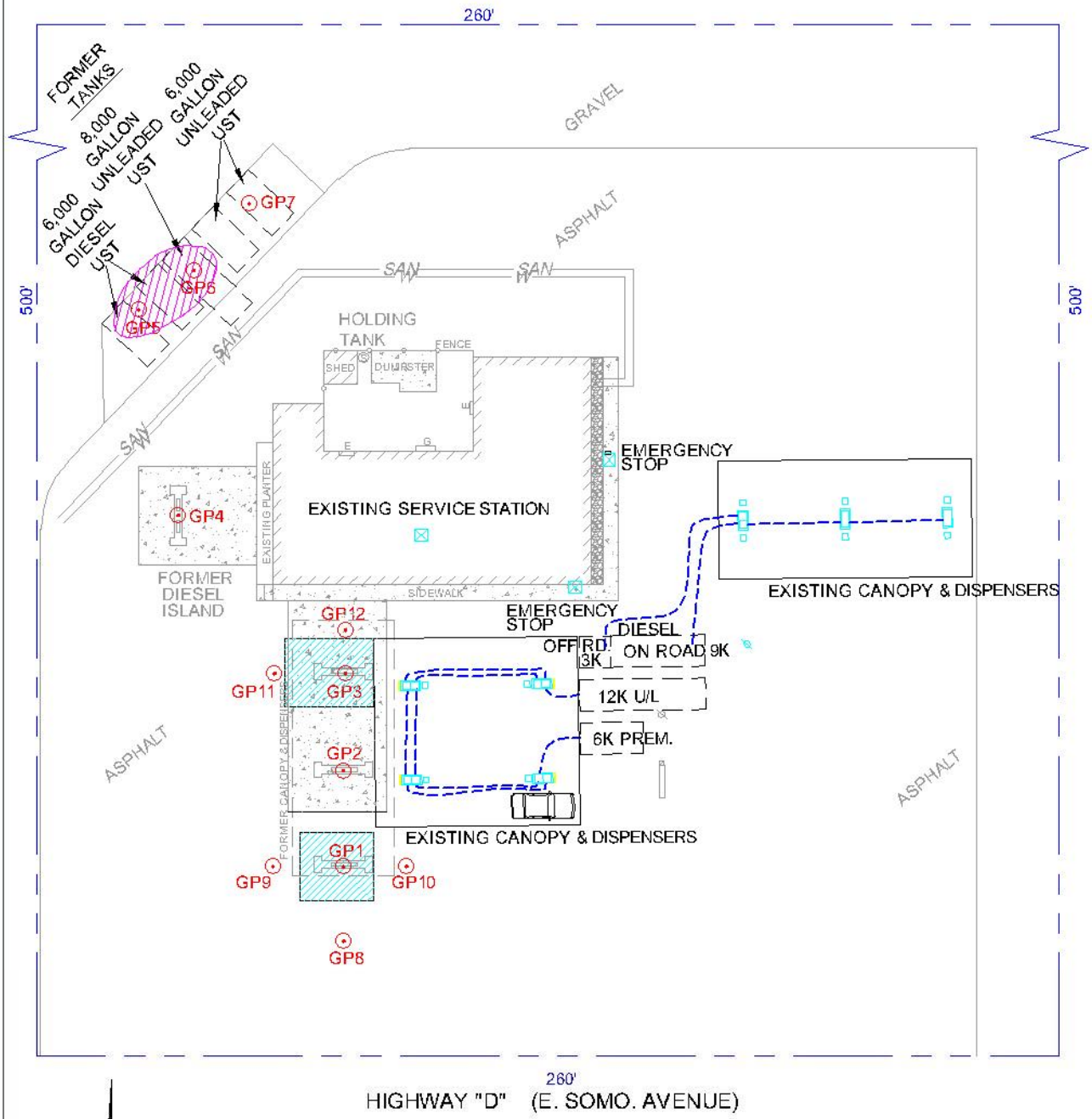


N

1" = 40'

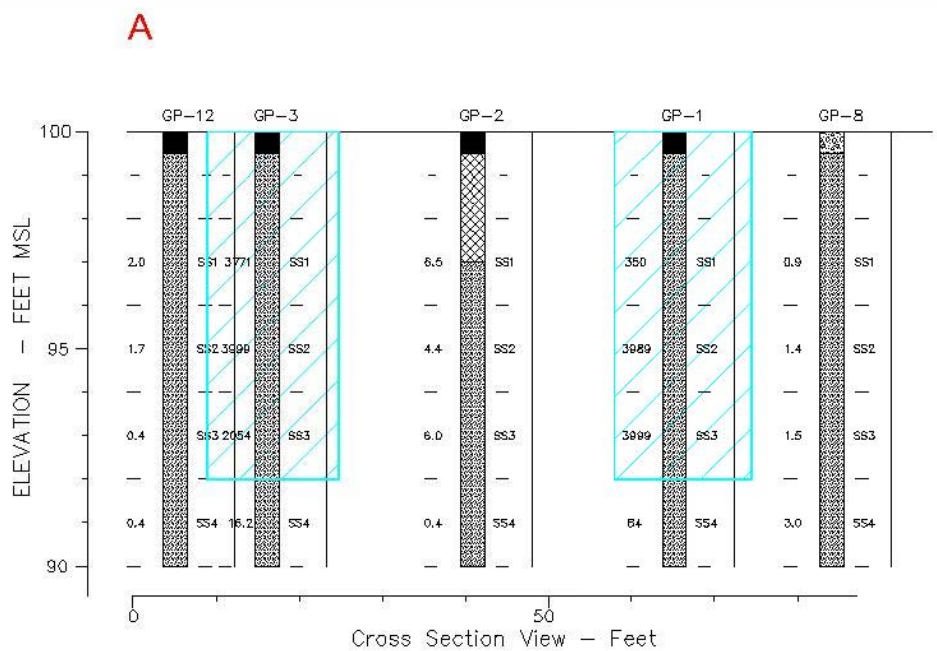
0 40

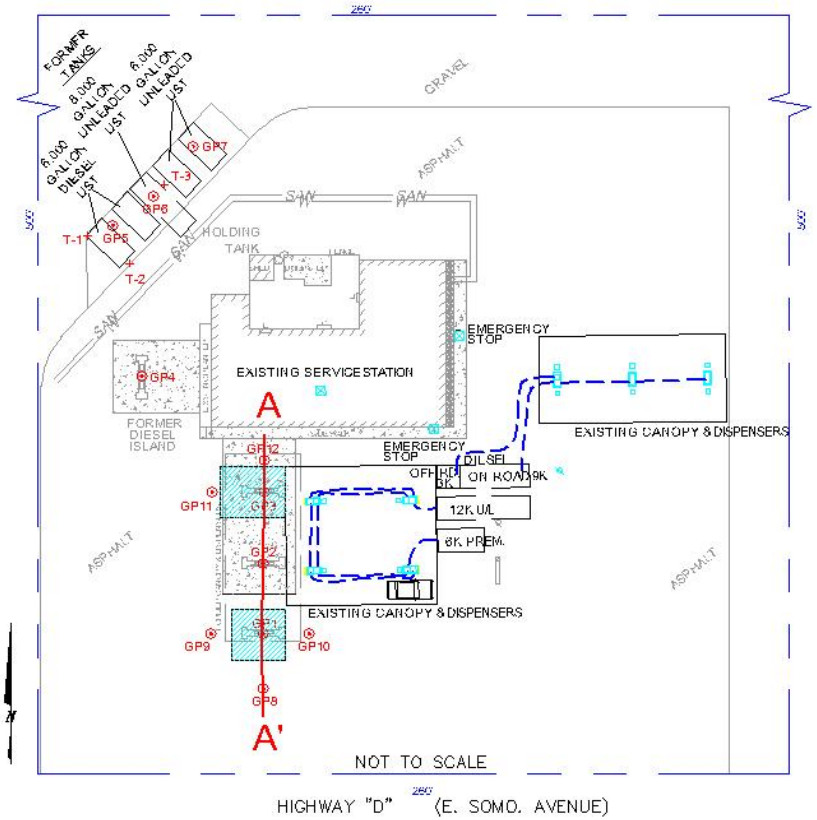
LEGEND

- PETROLEUM PRODUCT LINE
- GEOPROBE LOCATION
- SAMPLE LOCATION
- PROPERTY LINE
- WATER LATERIAL
- SEWER LATERIAL
- AREA OF SOIL CONTAMINATION EXCEEDING COMM 46 TABLE 1 VALUES
- AREA OF SATURATED SOIL CONTAMINATION EXCEEDING NR 720 RCL (BENZENE)

J:\DRAFTING\2495CR-MOBIL\2495geo_soil.DWG

CROSSROADS MOBIL MART 1727 E. SOMO AVENUE TOMAHAWK, WISCONSIN 54487	FIGURE 3 : GEOPROBE LOCATIONS & AREA OF PRE-REMEDIAL SOIL CONTAMINATION		
	PROJECT NO. 2495	DRAWN BY: TJR	DATE: 1/13/04





(AS)-ASPHALT

(CO)-CONCRETE

(GW)-WELL GRADED GRAVELS OR GRAVEL-SAND MIXTURES, LITTLE OR NO FINES (NON-UNIFORM GRAIN SIZE)

(SP)-POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES (UNIFORM GRAIN SIZE)

(FL)-FILL

AREA OF EXCAVATION

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CROSSROADS MOBIL MART
1727 E. SOMO AVENUE
TOMAHAWK, WISCONSIN

FIGURE 4 : CROSS-SECTION A-A'

PROJECT No.	DRAWN BY:	DATE:
2495	DDD/TJR	01/13/04

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REC'D JAN 2 7 2004

January 16, 2004

Re: Crossroads Mobil Mart
WDNR UID #03-35-384960
Commerce # 54487-1938-27
1727 East Somo Avenue
Tomahawk, WI

A parcel of land situated in the Northeast Quarter of the Southeast Quarter (NE 1/4 SE 1/4), Section Thirty-five (35), Township Thirty-five (35) North, Range Six (6) East, described by metes and bounds as follows: Commencing at the intersection of the west line of said 40-acre tract with the north right-of-way line of Highway D there situated marked by an iron stake, being the place of beginning; thence East along the North right-of-way line of Highway D Two Hundred Sixty (260) feet to a point marked by an iron stake; thence North Five Hundred (500) feet to a point marked by an iron stake; thence West on a line parallel to the north right-of-way line of Highway D Two Hundred Sixty (260) feet to a point marked by an iron stake; thence South Five Hundred (500) feet along the West line of said forty to the place of beginning.

I have reviewed the above referenced legal description, and hereby certify that it is correct for the Crossroads Mobil Mart site.

1-26-04
Date

Gerald Whitburn, Property Owner