GIS REGISTRY INFORMATION

SITE NAME:	Plymouth Oil Inc Bulk Facility		
BRRTS #:	02-60-209304	**FID #** (if appropriate):	
COMMERCE # (if appropriate):	53073-9999-16		
CLOSURE DATE:	June 28, 2006		
STREET ADDRESS:	921 County Rd O (South St)		
CITY:	Plymouth		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	683445		**Y =**	364270	
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 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	X
County Parcel ID number, *if used for county*, for all affected properties	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	
Copy of any maintenance plan referenced in the deed restriction	

Wisconsin DNR - Identify Results

Report generated January 11, 2006 - 04:59 PM

Send to Printer

Coordinate Position

Lat/Lon: 87° 58' 13.6" W
43° 44' 0.4" N

UTM (x, y): 421847, 4842726
(zone 16)

WTM: 683445, 364270

Municipalities

Name: Plymouth

County Boundary

Name: Sheboygan

County FIPS: 117

Region Name: Southeast Region

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
101 West Pleasant Street, Suite 100A
Milwaukee, Wisconsin 53212-3963
TDD #: (608) 264-8777
Fax #: (414) 220-5374
Jim Doyle, Governor
Mary P. Burke, Secretary

June 28, 2006

Mr. John Slabe
Plymouth Oil, Inc.
1611 Eastern Avenue
PO Box 237
Plymouth, WI 53073-0237

RE: **Final Closure**

Commerce # 53073-9999-16 DNR BRRTS # 02-60-209304
Plymouth Oil, Inc. Bulk Facility, 921 County Road O (South Street), Plymouth

Dear Mr. Slabe:

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 soil and groundwater 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 (414) 220-5361.

Sincerely,

Monica Weis

Monica L. Weis
Senior Hydrogeologist
Site Review Section

cc: Mr. Chris Macek, GZA GeoEnvironmental, Inc.

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
101 West Pleasant Street, Suite 100A
Milwaukee, Wisconsin 53212-3963
TDD #: (608) 264-8777
Fax #: (414) 220-5374
Jim Doyle, Governor
Mary P. Burke, Secretary

May 18, 2006

Mr. John Slabe
Plymouth Oil, Inc.
1611 Eastern Avenue
PO Box 237
Plymouth, WI 53073-0237

RE: **Conditional Case Closure**

Commerce # 53073-9999-16 DNR BRRTS # 02-60-209304
Plymouth Oil, Inc. Bulk Facility, 921 County Road O (South Street), Plymouth

Dear Mr. Slabe:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, GZA GeoEnvironmental, 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 temporary and permanent groundwater monitoring wells must be properly abandoned and the appropriate documentation forwarded to me at 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 (414) 220-5361.

Sincerely,

Monica Weis

Monica L. Weis
Senior Hydrogeologist
Site Review Section

cc: Mr. Chris Macek, GZA GeoEnvironmental, Inc.

DOCUMENT NO. 974668

TRANSFER $7.00 FEE

VOL 730 PAGE 272

STATE BAR OF WISCONSIN — FORM 1
WARRANTY DEED
THIS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE
SHEBOYGAN COUNTY, WISCONSIN
Received for Record the 23rd day of July A. D. 1974 at 10:29 o'clock A M., and [illegible] Vol. 730 of Record on page 272/3
Harold F. Becker Register

ANDERSON, DAMP & ANDERSON, S.C.
Attorneys at Law
P. O. Box 304
Plymouth, Wisconsin 53073

This Deed, made between Armond C. Klemme

Grantor

and Plymouth Oil, Inc.

Grantee,

Witnesseth, That the said Grantor for a valuable consideration of One Dollar and other good and valuable considerations conveys to Grantee the following described real estate in Sheboygan County, State of Wisconsin:

Tax Key #
This is not homestead property.

Part of the Southwest Quarter of the Southeast Quarter of Section 27, Township 15 North, Range 21 East, described as follows: Commencing at a point in the East right-of-way line of the C.M. St. P. & P. Railroad Company, 209 feet more or less northerly of the point of intersection of said right-of-way line with the South line of said Section 27, thence easterly to the center line of the public highway extending northwesterly and southeasterly through the westerly part of the Southwest Quarter of the Southeast Quarter of said Section, thence northwesterly along the center line of said highway to its intersection with the West line of said Southwest Quarter of the Southeast Quarter, thence South along said West line to its intersection with the East right-of-way line of said Railroad, thence Southeast along the right-of-way to the point of beginning, containing 2.20 acres of land, more or less, subject to (cont on back)

Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining.

And Armond C. Klemme warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except easements and restrictions of record, if any,

and will warrant and defend the same.

Executed at Plymouth, Wisconsin this 17th day of July, 1974

SIGNED AND SEALED IN PRESENCE OF

Daniel P. Anderson

Daniel P. Anderson

P.G. Anderson

P.G. Anderson

Armond C. Klemme (SEAL)
Armond C. Klemme

(SEAL)

555-423-6618 K00003.00 JR
555-423-6618 K00007.00 TF

(SEAL)

Signatures of

authenticated this day of 19

Title: Member State Bar of Wisconsin or Other Party
Authorized under Sec. 706.06 viz.

STATE OF WISCONSIN } ss.
Sheboygan County

Personally came before me, this 17th day of July 1974, the above named Armond C. Klemme

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

THIS INSTRUMENT WAS DRAFTED BY

Frank W. Bastian, Attorney

Daniel P. Anderson

DANIEL P. ANDERSON NOTARY PUBLIC STATE OF WISCONSIN

Notary Public, Sheboygan County, Wis.

The use of witnesses is optional.

My commission (xxxxx) (is) permanent

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

WARRANTY DEED 3 7.00

STATE BAR OF WISCONSIN
FORM No. 1 — 1971

Wisconsin Legal Blank Company
Milwaukee, Wis. (Job 30971)

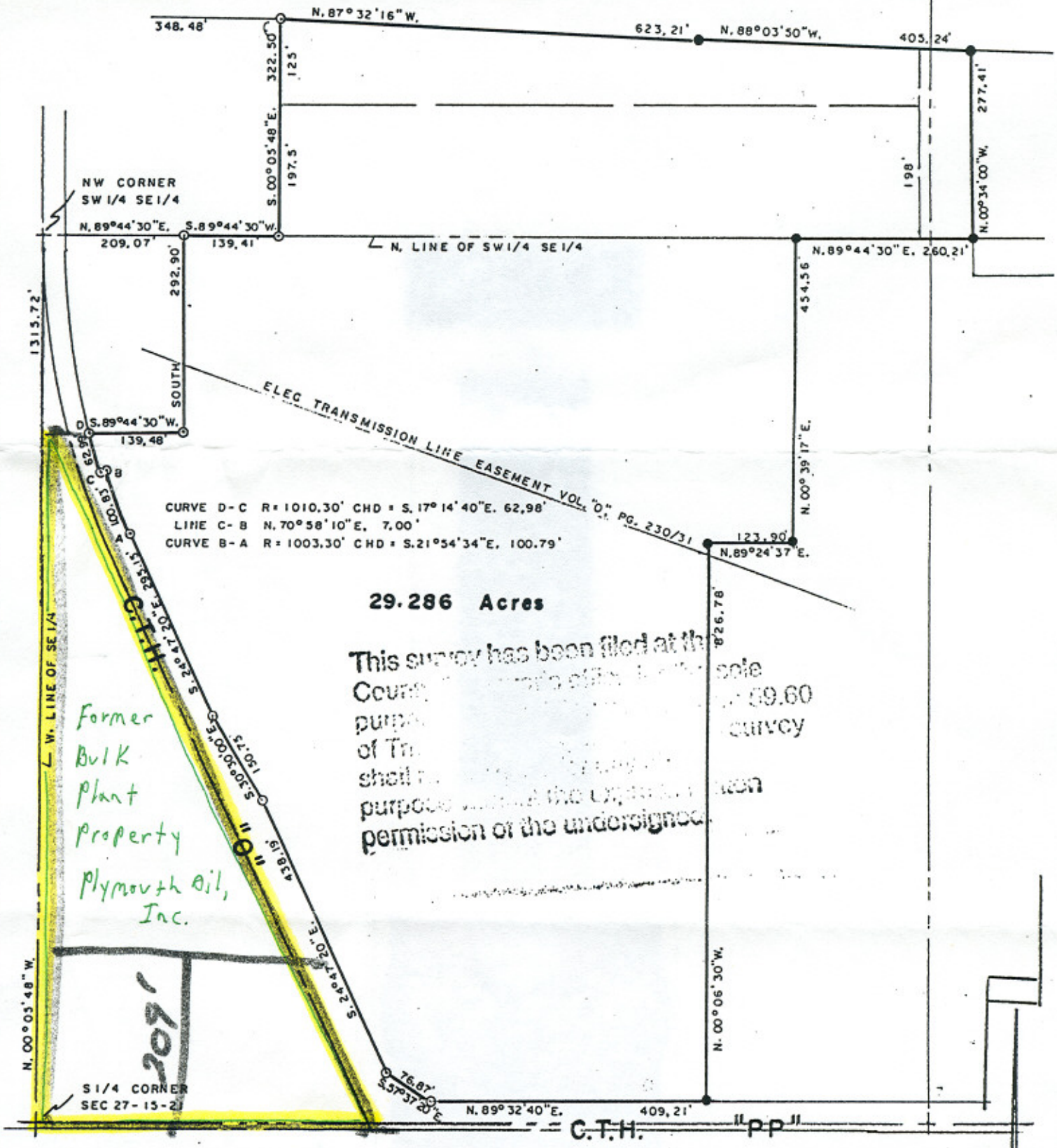
legal description cont.

the right-of-way for public road over the easterly 24.75 feet of the aforementioned parcel; also subject to a perpetual easement granted to the City of Plymouth, as described in Volume 140 of Deeds, pages 373/4, on file in the Register of Deeds Office, Sheboygan County, Wisconsin.

Parcel Identification Number: 59016220810

PLAT OF SURVEY

Milton Steinhardt



This survey has been filed at the ... sole County ... 59.60 purp... survey of Th... shall ... purpose ... the ... permission of the undersigned.

SURVEYOR'S CERTIFICATE

I hereby certify that I have surveyed the above describ property and that the above map is a true representation there of 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, roadways and visible encroachments, if any.

This survey is made for the 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.

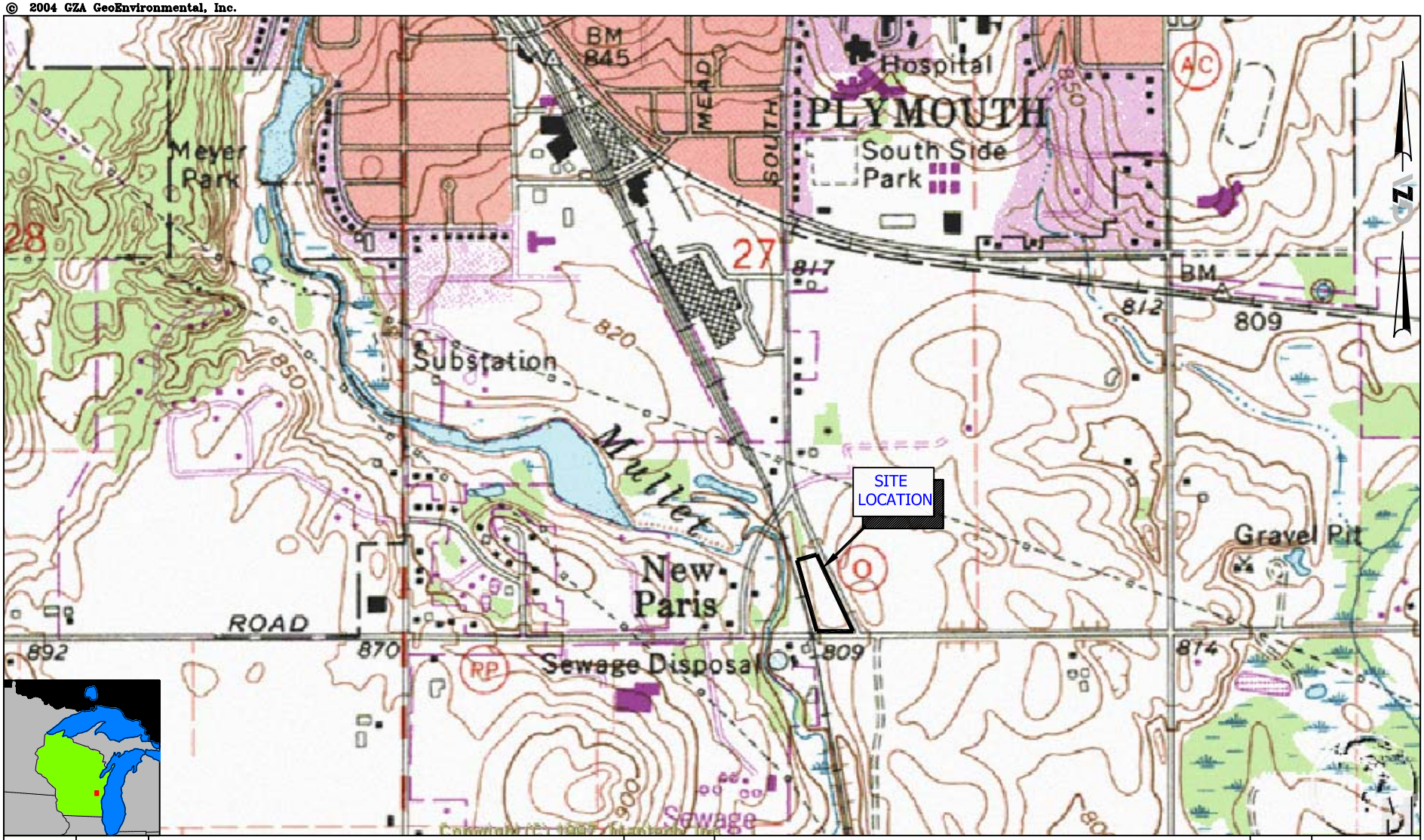
FILED 5-31-96
SHEBOYGAN COUNTY
REAL PROPERTY
LISTING DEPT.

SHEET 1 OF 2
● = 1" IRON PIPE FOUND
○ = 1" IRON PIPE SET

WISCONSIN REGISTERED LAND SURVEYOR S-1099

THIS 5TH DAY OF April, 1996 NOTEBOOK 280 PAGE 19 SCALE 1" = 200' L-14637

© 2004 GZA GeoEnvironmental, Inc.



REV. NO.	DESCRIPTION	BY	DATE

PLYMOUTH OIL, INC.
FORMER PETROLEUM BULK
STORAGE FACILITY
921 County Hwy O
PLYMOUTH, WISCONSIN

SITE LOCATION MAP

FIGURE NO. 1

PROJECT NO. 150102.00

SCALE: 1:12,000

0 500' 1000' 2000'

SOURCE: U.S.G.S. PLYMOUTH SOUTH, WISCONSIN
QUADRANGLE MAP (Revised 1994)

PROJ MGR: BGF
DESIGNED BY: CJM
REVIEWED BY: MJK
DRAWN BY: CJM
DATE: 2/11/04

GZA
GeoEnvironmental, Inc.
20900 Swenson Drive ▪ Waukesha, Wisconsin 53186
Phone (262) 754-2560 ▪ Fax (262) 754-9711
www.gza.com

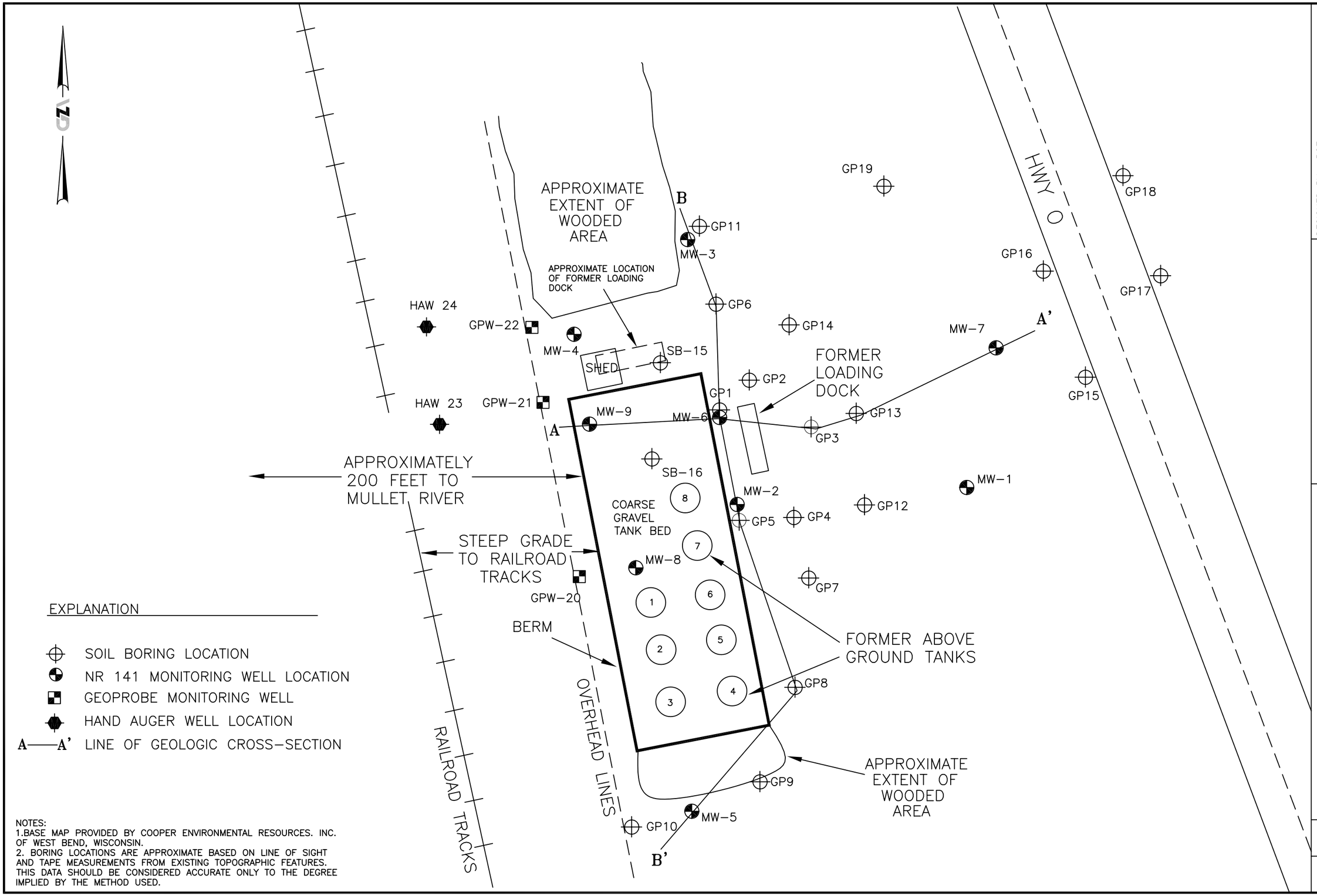

GZA
APPROXIMATE EXTENT OF WOODED AREA
APPROXIMATE LOCATION OF FORMER LOADING DOCK
B
GP11
MW-3
GP6
GP19
GP18
HWY O
GP16
GP17
HAW 24
GPW-22
MW-4
SB-15
SHED
GP14
MW-7
A'
FORMER LOADING DOCK
GP2
GP1
GP15
HAW 23
GPW-21
MW-9
MW-6
GP13
A
GP3
APPROXIMATELY 200 FEET TO MULLET RIVER
SB-16
MW-1
MW-2
GP12
COARSE GRAVEL TANK BED
GP5
GP4
STEEP GRADE TO RAILROAD TRACKS
MW-8
GP7
GPW-20
BERM
FORMER ABOVE GROUND TANKS
GP8
OVERHEAD LINES
RAILROAD TRACKS
APPROXIMATE EXTENT OF WOODED AREA
GP9
GP10
MW-5
B'
EXPLANATION
SOIL BORING LOCATION
NR 141 MONITORING WELL LOCATION
GEOPROBE MONITORING WELL
HAND AUGER WELL LOCATION
A——A' LINE OF GEOLOGIC CROSS-SECTION
NOTES:
1.BASE MAP PROVIDED BY COOPER ENVIRONMENTAL RESOURCES. INC. OF WEST BEND, WISCONSIN.
2. BORING LOCATIONS ARE APPROXIMATE BASED ON LINE OF SIGHT AND TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
© 2005 GZA GeoEnvironmental, Inc.
DESIGNED BY: BGF
REVIEWED BY:
DRAWN BY: CJM
DATE: 2/04
GZA GeoEnvironmental, Inc.
20900 Swenson Drive • Waukesha, Wisconsin 53186
Phone (262) 754-2560 • Fax (262) 754-9711
www.gza.com
SCALE IN FEET
0 30 60
APPROXIMATE
SITE MAP WITH SOIL BORING AND MONITORING WELL LOCATIONS
PLYMOUTH OIL, INC.
FORMER PETROLEUM BULK STORAGE FACILITY
PLYMOUTH, WISCONSIN
FILE NO. 150102.00
FIGURE NO. 2
GZA Drawing Name: J:\100T0199\150102\GIS Information\SITEPLAN-FIGURE NO. 2.DWG Last Modified: Jan 11, 2006 – 4:27pm Plotted on: Jan 11, 2006 – 4:27pm by tmz

TABLE 4
GROUNDWATER LABORATORY ANALYTICAL RESULTS
Petroleum Bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Well Number	Sample Date	GRO	DRO	Acenaphthene	Anthracene	Fluorene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4-TMB	1,3,5-TMB	Xylenes, Total
WAC NR 140 ES		NS	NS	NS	NS	400	NS	NS	40	NS	5	700	60	40	2,000	480 [a]	480 [a]	10,000
MW-1	Aug-96	550	4,000	-	-	-	-	-	-	-	3	21	ND	2	ND	18	ND	2
	Feb-97	200	1,300	1.5	0.08	0.36	2.3	ND	-	0.78	2.3	3.5	ND	-	ND	1	ND	ND
	Dec-99	-	-	-	-	-	-	-	-	-	5.7	0.92	0.82	11	ND	ND	ND	ND
	Mar-00	-	-	-	-	-	-	-	-	-	5.42	8.02	ND	ND	ND	ND	10.5	ND
	Jul-00	-	-	-	-	-	-	-	-	-	6	6.92	3.72	ND	ND	ND	ND	0.592
	Nov-00	-	-	-	-	-	-	-	-	-	8.07	2.14	1.76	4.21	ND	ND	ND	0.911
	Mar-01	-	-	-	-	-	-	-	-	-	18.5	19	2.06	9.22	0.672	1.01	ND	2.36
	Jun-01	-	-	-	-	-	-	-	-	-	12.3	6.5	2.57	15.7	ND	ND	ND	0.947
	Sep-01	-	-	-	-	-	-	-	-	-	21.9	9.41	1.68	15.5	ND	ND	1.30	1.1
	Dec-01	-	-	-	-	-	-	-	-	-	18.1	13.6	0.644	14.4	0.65	1.19	ND	1.56
	Jun-02	-	-	-	-	-	-	-	-	-	37.7	20.2	1.57	26.9	0.536	ND	ND	1.95
	Dec-02	-	-	-	-	-	-	-	-	-	10.5	2.16	ND	14.0	ND	ND	ND	0.65
	Jun-03	-	-	-	-	-	-	-	-	-	40.7	18.4	0.913	18.5	ND	ND	ND	2.20
	Feb-04	-	-	-	-	-	-	-	-	-	24.9	12.8	ND	10.8	ND	ND	ND	ND
	Jul-04	-	-	-	-	-	-	-	-	-	38.8	17.5	0.645	ND	ND	ND	ND	ND
	Feb-05	-	-	-	-	-	-	-	-	-	30.4	20.0	0.858	19.5	ND	ND	ND	ND
	Sep-05	-	-	-	-	-	-	-	-	-	19	14	ND	3	0.32	0.47	ND	1.2
MW-2	Oct-96	ND	560	-	-	-	-	-	<1	-	ND	ND	ND	ND	ND	ND	ND	ND
	Feb-97	85	1,500	-	-	-	-	-	-	-	12	1.1	2.1	-	ND	1.5	1.3	2.5
	Dec-99	-	-	-	-	-	-	-	-	-	0.97	0.95	2.0	19	2.1	1.7	ND	ND
	Mar-00	-	-	-	-	-	-	-	-	-	ND	ND	ND	180	ND	107	115	122
	Jul-00	-	-	-	-	-	-	-	-	-	6.17	4.54	6.5	65.7	1.57	78.3	33.0	44.1
	Nov-00	-	-	-	-	-	-	-	-	-	3.05	3.61	5.74	22.2	1.67	21.7	10.7	15.3
	Mar-01	-	-	-	-	-	-	-	-	-	18.3	10.7	6.54	45.9	4.17	60.2	20.2	25.7
	Jun-01	-	-	-	-	-	-	-	-	-	26.2	10.6	6.70	96.0	3.52	54.8	43.7	49.4
	Sep-01	-	-	-	-	-	-	-	-	-	14.7	4.74	7.53	37.5	1.29	17.7	7.5	20.7
	Dec-01	-	-	-	-	-	-	-	-	-	30.5	2.63	8.85	47.7	1.36	17.3	10.3	15.5
	Jun-02	-	-	-	-	-	-	-	-	-	40.5	11.4	11.5	73.2	ND	42.8	22.7	29.7
	Dec-02	-	-	-	-	-	-	-	-	-	27.1	ND	37.2	27.3	ND	15.1	ND	12.9
	Jun-03	-	-	-	-	-	-	-	-	-	17.0	1.82	5.6	33.3	0.785	34.1	16.8	15.0
	Feb-04	-	-	-	-	-	-	-	-	-	15.6	ND	3.03	44.8	ND	36.4	18.7	12.6
	Jul-04	-	-	-	-	-	-	-	-	-	14.1	ND	2.4	32.7	ND	33.5	17.3	10.6
	Feb-05	-	-	-	-	-	-	-	-	-	13.5	ND	1.59	24.8	ND	ND	9.05	ND
	Sep-05	-	-	-	-	-	-	-	-	-	17.0	ND	ND	28	ND	24	12	10

TABLE 4
GROUNDWATER LABORATORY ANALYTICAL RESULTS
Petroleum Bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Well Number	Sample Date	GRO	DRO	Acenaphthene	Anthracene	Fluorene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4-TMB	1,3,5-TMB	Xylenes, Total
WAC NR 140 ES		NS	NS	NS	NS	400	NS	NS	40	NS	5	700	60	40	2,000	480 (b)	480 (b)	10,000
MW-3	Oct-96	ND	190	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	ND
	Feb-97	ND	ND	-	-	-	-	-	-	-	ND	ND	ND	-	ND	ND	ND	ND
	Dec-99	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Mar-00	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	4.21	0.774
	Jul-00	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Nov-00	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Mar-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Jun-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Sep-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Dec-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Jun-02	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
MW-4	Aug-96	4,100	2,200	-	-	-	-	-	73	-	37	530	ND	73	320	280	82	1,260
	Feb-97	8,700	3,000	ND	ND	ND	46	47	75	ND	100	1,000	27	-	180	750	210	2,170
	Dec-99	-	-	-	-	-	-	-	-	-	130	800	55	ND	170	ND	170	1,700
	Mar-00	-	-	-	-	-	-	-	-	-	130	1,030	22.2	200	50.2	518	217	1,720
	Jul-00	-	-	-	-	-	-	-	-	-	148	958	8.27	195	563	779	219	2,430
	Nov-00	-	-	-	-	-	-	-	-	-	50.1	746	4.47	132	147	619	179	1,740
	Mar-01	-	-	-	-	-	-	-	-	-	62.9	689	34.4	108	318	595	176	2,100
	Jun-01	-	-	-	-	-	-	-	-	-	85	920	76.4	180	494	753	234	2,790
	Sep-01	-	-	-	-	-	-	-	-	-	109	1,100	50	207	157	730	231	2,620
	Dec-01	-	-	-	-	-	-	-	-	-	81	829	ND	109	68.6	584	321	1,560
	Jun-02	-	-	-	-	-	-	-	-	-	31.4	609	39.5	111	243	468	135	1,780
	Dec-02	-	-	-	-	-	-	-	-	-	93.3	1,040	ND	204	82.5	630	214	1,910
	Jun-03	-	-	-	-	-	-	-	-	-	21.7	606	21.2	56.6	32.4	600	94.3	1,470
	Feb-04	-	-	-	-	-	-	-	-	-	27.5	512	ND	93.9	ND	560	152	1,170
	Jul-04	-	-	-	-	-	-	-	-	-	9.7	223	4.08	38.4	55.5	158.0	45.5	675
	Feb-05	-	-	-	-	-	-	-	-	-	8.5	140	14.7	28.1	ND	112.0	35.4	270
	Sep-05	-	-	-	-	-	-	-	-	-	58	750	ND	120	33	720	170	1,400
MW-5	Oct-96	ND	190	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	ND
	Feb-97	ND	ND	-	-	-	-	-	-	-	ND	ND	ND	-	ND	ND	ND	ND
	Dec-99	-	-	-	-	-	-	-	-	-	ND	2.4	0.22	6.8	ND	ND	ND	3.1
	Mar-00	-	-	-	-	-	-	-	-	-	ND	ND	0.251	ND	ND	ND	3.58	0.893
	Jul-00	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Nov-00	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4
GROUNDWATER LABORATORY ANALYTICAL RESULTS
Petroleum Bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Well Number	Sample Date	GRO	DRO	Acenaphthene	Anthracene	Fluorene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4-TMB	1,3,5-TMB	Xylenes, Total
WAC NR 140 ES		NS	NS	NS	NS	400	NS	NS	40	NS	5	700	60	40	2,000	480 (b)	480 (b)	10,000
MW-5 (Continued)	Mar-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Jun-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Sep-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Dec-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Jun-02	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
MW-6	Aug-96	9,300	12,000	-	-	-	-	-	**410**	-	**400**	690	ND	**410**	11	**1,000**	310	2,790
	Feb-97	11,000	11,000	10	ND	6.6	190	250	**230**	9.4	**520**	**830**	24	-	13	**1,100**	300	2,349
	Dec-99	-	-	-	-	-	-	-	-	-	**250**	330	28	**310**	90	**760**	260	1,100
	Mar-00	-	-	-	-	-	-	-	-	-	**254**	256	14.6	**327**	84	**590**	187	849
	Jul-00	-	-	-	-	-	-	-	-	-	**221**	281	ND	**884**	52.7	**710**	251	987
	Nov-00	-	-	-	-	-	-	-	-	-	**148**	284	ND	**294**	ND	**697**	216	1,020
	Jun-01	-	-	-	-	-	-	-	-	-	**519**	335	54.4	**343**	35.4	**746**	263	1,190
	Sep-01	-	-	-	-	-	-	-	-	-	**563**	281	13.3	**281**	41.9	**630**	208	1,010
	Dec-01	-	-	-	-	-	-	-	-	-	**563**	328	17.9	**214**	84.2	**660**	398	1,070
	Jun-02	-	-	-	-	-	-	-	-	-	**447**	319	6.48	**46.5**	169	**607**	369	1,130
	Dec-02	-	-	-	-	-	-	-	-	-	**446**	345	39.1	**232**	14.9	**596**	205	1,100
	Jun-03	-	-	-	-	-	-	-	-	-	**356**	332	7.6	**266**	9.7	**649**	218	1,180
	Feb-04	-	-	-	-	-	-	-	-	-	**232**	322	5.7	**203**	ND	**550**	176	1,090
	Jul-04	-	-	-	-	-	-	-	-	-	**130**	274	6.36	**209**	ND	**461**	145	1,020
	Feb-05	-	-	-	-	-	-	-	-	-	**197**	365	2.32	**252**	ND	**573**	217	1,210
	Sep-05	-	-	-	-	-	-	-	-	-	**180**	360	ND	**190**	6.6	**560**	160	1,100
MW-7	Dec-96	490	-	-	-	-	-	-	ND	-	**16**	43	4	ND	ND	18	2	18
	Feb-97	420	3200	3.1	0.41	2.6	7.5	ND	ND	4.64	**21**	36	3.3	-	0.7	13	0.9	13.6
	Dec-99	-	-	-	-	-	-	-	-	-	**12**	14	1.1	17	0.51	2.5	ND	3.1
	Mar-00	-	-	-	-	-	-	-	-	-	**5.12**	22.3	4.43	31.1	ND	ND	33.2	7.65
	Jul-00	-	-	-	-	-	-	-	-	-	0.813	1.31	ND	ND	ND	ND	ND	ND
	Nov-00	-	-	-	-	-	-	-	-	-	**13.7**	10.9	1.88	ND	ND	1.29	ND	3.91
	Mar-01	-	-	-	-	-	-	-	-	-	**17.6**	16.6	3.06	16	0.631	1.91	1.48	5.82
	Jun-01	-	-	-	-	-	-	-	-	-	**13.4**	16.6	2.01	4.53	0.509	1.13	1.87	6.35
	Sep-01	-	-	-	-	-	-	-	-	-	**8.35**	17.4	1.63	7.66	0.582	1.46	ND	7.24
	Dec-01	-	-	-	-	-	-	-	-	-	**18.1**	23.2	2.67	18.7	0.531	ND	ND	9.86
	Jun-02	-	-	-	-	-	-	-	-	-	**17.3**	19.3	2.33	3.97	ND	2.45	ND	7.81
	Dec-02	-	-	-	-	-	-	-	-	-	**7.37**	14.8	3.93	3.37	ND	ND	ND	4.44
	Jun-03	-	-	-	-	-	-	-	-	-	**5.36**	17.2	1.05	4.87	ND	3.79	2.67	6.73

TABLE 4
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Petroleum Bulk Storage Facility
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Plymouth, Wisconsin

Well Number	Sample Date	GRO	DRO	Acenaphthene	Anthracene	Fluorene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4-TMB	1,3,5-TMB	Xylenes, Total
WAC NR 140 ES		NS	NS	NS	NS	400	NS	NS	40	NS	5	700	60	40	2,000	480 [a]	480 [a]	10,000
MW-7 (Continued)	Feb-04	-	-	-	-	-	-	-	-	-	**11.3**	6.29	1.01	ND	ND	ND	ND	ND
	Jul-04	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Feb-05	-	-	-	-	-	-	-	-	-	4	7.74	0.389	ND	ND	ND	ND	ND
	Sep-05	-	-	-	-	-	-	-	-	-	**15**	8.6	ND	2	0.46	1.1	0.2	2.1
MW-8	Dec-96	110	1,000	-	-	-	-	-	ND	-	3	ND	15	ND	ND	1	ND	2
	Feb-97	ND	860	-	-	-	-	-	-	-	**10**	1.8	15	-	ND	1.2	0.7	1.0
	Dec-99	-	-	-	-	-	-	-	-	-	**5.6**	5.8	6.9	6.3	ND	7.1	ND	3.7
	Mar-00	-	-	-	-	-	-	-	-	-	3.99	4.37	5	10.4	ND	8.24	5.69	5.95
	Jul-00	-	-	-	-	-	-	-	-	-	**16.2**	12.3	5.32	6.1	0.534	10.3	ND	5.86
	Nov-00	-	-	-	-	-	-	-	-	-	**11.8**	8.95	3.65	2.98	ND	7.43	ND	5.13
	Mar-01	-	-	-	-	-	-	-	-	-	**5.49**	2.73	7.45	5.82	1.13	7.64	ND	3.86
	Jun-01	-	-	-	-	-	-	-	-	-	**6.03**	3.32	9.15	16.8	ND	359	ND	2.79
	Sep-01	-	-	-	-	-	-	-	-	-	**15.9**	5.93	9.15	20.3	ND	4.50	3.1	1.62
	Dec-01	-	-	-	-	-	-	-	-	-	**12.0**	0.559	8.86	10.1	ND	9.47	3.06	2.13
	Jun-02	-	-	-	-	-	-	-	-	-	**12.3**	2.71	12.9	28.9	ND	3.43	2.18	1.63
	Dec-02	-	-	-	-	-	-	-	-	-	4.22	3.66	13.2	7.73	ND	4.93	1.85	11.3
	Jun-03	-	-	-	-	-	-	-	-	-	**11.9**	3.27	10.6	15.7	0.74	3.94	4.93	4.28
	Feb-04	-	-	-	-	-	-	-	-	-	**6.82**	ND	8.84	ND	ND	ND	ND	ND
	Jul-04	-	-	-	-	-	-	-	-	-	**16.1**	ND	9.66	ND	ND	ND	ND	ND
	Feb-05	-	-	-	-	-	-	-	-	-	**6.9**	ND	13.7	ND	ND	ND	ND	ND
	Sep-05	-	-	-	-	-	-	-	-	-	**11**	2.3	15	2.3	0.16	0.79	ND	1.3
MW-9	Dec-96	1,100	1,500	-	-	-	-	-	4	-	**120**	310	ND	4	14	84	3	119
	Feb-97	1,500	1,500	1.3	ND	0.36	12	2.7	10	0.3	**250**	310	9.3	-	26	79	6.6	128
	Dec-99	-	-	-	-	-	-	-	-	-	ND	0.82	ND	2.4	ND	ND	ND	1.4
	Mar-00	-	-	-	-	-	-	-	-	-	**308**	373	11.0	26.7	19.4	66.6	70.2	182
	Jul-00	-	-	-	-	-	-	-	-	-	**419**	301	ND	31.7	13.8	62.0	ND	115
	Nov-00	-	-	-	-	-	-	-	-	-	**525**	500	ND	39.1	39.1	161	25.8	467
	Mar-01	-	-	-	-	-	-	-	-	-	**833**	644	ND	**78.8**	349	337	82.9	1,300
	Jun-01	-	-	-	-	-	-	-	-	-	**1,030**	**951**	55.1	**131**	241	442	133	2,060
	Sep-01	-	-	-	-	-	-	-	-	-	**203**	280	12.5	16	19.5	72	6.12	138
	Dec-01	-	-	-	-	-	-	-	-	-	**123**	203	6.7	ND	9.5	29	10.1	86.8
	Jun-02	-	-	-	-	-	-	-	-	-	**974**	**707**	39.0	**93.8**	429	312	82.4	1,430
	Dec-02	-	-	-	-	-	-	-	-	-	**328**	310	ND	5.35	5.99	8.36	1.54	48
	Jun-03	-	-	-	-	-	-	-	-	-	**163**	166	7.5	15.0	9.3	66.5	5.65	104

TABLE 4
GROUNDWATER LABORATORY ANALYTICAL RESULTS
Petroleum Bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Well Number	Sample Date	GRO	DRO	Acenaphthene	Anthracene	Fluorene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4-TMB	1,3,5-TMB	Xylenes, Total
WAC NR 140 ES		NS	NS	NS	NS	400	NS	NS	40	NS	5	700	60	40	2,000	480 (6)	480 (6)	10,000
MW-9 (Continued)	Feb-04	-	-	-	-	-	-	-	-	-	**282**	328	ND	ND	ND	199	ND	237
	Jul-04	-	-	-	-	-	-	-	-	-	**1,000**	**756**	37.4	**109**	368	438	120	1,510
	Feb-05	-	-	-	-	-	-	-	-	-	**161**	377	21	14.5	14.8	71.9	7.74	199
	Sep-05	-	-	-	-	-	-	-	-	-	**70**	150	ND	1.3	1.1	3	ND	13
HAW-23	Dec-99	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Mar-00	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Jul-00	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Nov-00	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Mar-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Jun-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Sep-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Dec-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
HAW-24	Dec-99	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Mar-00	-	-	-	-	-	-	-	-	-	ND	ND	0.223	ND	ND	ND	15.9	0.832
	Jul-00	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Nov-00	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Mar-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Jun-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Sep-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Dec-01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	Jun-02	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
GP-15	Apr-97	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
GP-16	Apr-97	-	-	-	-	-	-	-	-	-	ND	ND	0.2	21	0.7	ND	2.1	1.9
GP-17	Apr-97	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
GP-18	Apr-97	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	0.6	ND	ND	ND
GP-19	Apr-97	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	0.6	ND	ND	ND
GPW-20	May-98	65	1,900	-	-	-	-	-	-	-	2.0	ND	17	ND	ND	ND	0.55	ND
	Mar-00	-	-	-	-	-	-	-	-	-	1.85	0.793	15.9	6.16	ND	1.01	2.62	2.43
	Jul-00	-	-	-	-	-	-	-	-	-	**10.7**	3.17	4.25	6.10	0.512	ND	1.06	1.71
	Nov-00	-	-	-	-	-	-	-	-	-	**7.68**	2.2	5.45	4.89	0.994	ND	ND	1.28
	Mar-01	-	-	-	-	-	-	-	-	-	**19.1**	7.05	5.81	17.60	1.32	5.24	2.62	4.76
	Jun-01	-	-	-	-	-	-	-	-	-	**12.8**	4.74	5.78	6.09	0.771	1.58	1.14	2.47
	Sep-01	-	-	-	-	-	-	-	-	-	**9.03**	1.76	6.06	3.11	0.658	ND	ND	1.84
	Dec-01	-	-	-	-	-	-	-	-	-	4.23	1.99	10.2	2.57	ND	ND	ND	1.20

TABLE 4
GROUNDWATER LABORATORY ANALYTICAL RESULTS
Petroleum Bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Well Number	Sample Date	GRO	DRO	Acenaphthene	Anthracene	Fluorene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4-TMB	1,3,5-TMB	Xylenes, Total
WAC NR 140 ES		NS	NS	NS	NS	400	NS	NS	40	NS	5	700	60	40	2,000	480 [6]	480 [6]	10,000
GPW-20	Jun-02	-	-	-	-	-	-	-	-	-	**19**	7.52	2.65	15.4	1.25	ND	1.95	3.42
(Continued)	Dec-02	-	-	-	-	-	-	-	-	-	1.20	0.651	11.8	5.1	ND	ND	ND	1.08
	Jun-03	-	-	-	-	-	-	-	-	-	4.79	1.48	9.69	4.00	ND	1.34	1.01	1.95
	Feb-04	-	-	-	-	-	-	-	-	-	**5.86**	ND	3.69	ND	ND	ND	ND	ND
	Jul-04	-	-	-	-	-	-	-	-	-	**9.42**	ND	1.92	ND	ND	ND	ND	ND
	Feb-05	-	-	-	-	-	-	-	-	-	0.635	ND	1.69	ND	ND	ND	ND	ND
	Sep-05	-	-	-	-	-	-	-	-	-	0.55	ND	7.8	ND	ND	0.31	ND	0.54
GPW-21	May-98	130,000	-	-	-	-	-	-	-	-	**170**	**2,200**	ND	**840**	290	**3,900**	**1,100**	7,300
GPW-22	May-98	1,900	-	-	-	-	-	-	-	-	0.84	110	ND	**54**	5.7	360	110	398
Goldbeck Well	Nov-98	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

1. Groundwater samples were collected by GZA GeoEnvironmental, Inc. (GZA) on August 7, October 30 and December 16, 1996; February 18, 1997; May 22, 1998; December 7, 1999; March 7, July 17 and November 2, 2000; March 13, June 18, September 13 and December 7, 2001; June 12 and December 27, 2002; June 11, 2003; February 12 and July 8, 2004, and September 1, 2005.
2. Laboratory analyses were performed by IEA, Inc. of Schaumburg, Illinois for samples collected before 1997, and by Great Lakes Analytical of Oak Creek, Wisconsin for samples collected in 1997 through 2004 for Petroleum Volatile Organic Compounds (PVOCs) (Method EPA 8021), gasoline range organics (GRO) and diesel range organics (DRO) using the Wisconsin Modified Method. Results are in micrograms per liter (µg/l).
3. "-" indicates sample not tested for that parameter. "ND" indicates sample not detected above laboratory detection limit.
4. **Red** Font indicates parameters detected at concentrations greater than the Wisconsin Administrative Code (WAC) NR 140 Groundwater Enforcement Standard (ES).
5. "NS" denotes no standard has been established for that parameter.
6. The trimethylbenzene (TMB) standard is for total 1,2,4- and 1,3,5-TMBs.

TABLE 2
GEOPROBE BORING SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Petroleum bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Soil Boring Number	Sample Interval (feet below grade)	PID (instrument units)	GRO (mg/kg)	DRO (mg/kg)	Lead (mg/kg)	Petroleum Volatile Organic Compounds (µg/kg)								
						MTBE	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylenes	Naphthalene	1,3,5 TMB	1,2,4 TMB
WAC NR 720 Generic RCLs		No RCL	100	100	500	No RCL	5.5	1,500	2,900	4,100	4,100	No RCL	No RCL	No RCL
WAC NR 746.06 Table 1 Values		No RCL	No RCL	No RCL	No RCL	No RCL	8,500	38,000	4,600	42,000	42,000	2,700	11,000	83,000
WAC NR 746.06 Table 2 Values		No RCL	No RCL	No RCL	No RCL	No RCL	1,100	No RCL	No RCL	No RCL	No RCL	No RCL	No RCL	No RCL
GP-1	0-2'	NS	-		-	-	-	-	-	-	-	-	-	-
	2-4'	49	-		-	-	-	-	-	-	-	-	-	-
GP-2	0-2'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	2-4'	24	-	-	-	-	-	-	-	-	-	-	-	-
	4-6'	70	ND	ND	-	25	**78**	48	45	54	ND	-	100	95
	6-8'	9	-	-	-	-	-	-	-	-	-	-	-	-
	8-10'	5	-	-	-	-	-	-	-	-	-	-	-	-
	10-12'	84	-	-	-	-	-	-	-	-	-	-	-	-
	12-14'	572	-	-	-	-	-	-	-	-	-	-	-	-
	14-16'	136	-	-	-	-	-	-	-	-	-	-	-	-
	16-18'	305	**120**	**330**	-	740	**1,400**	660	1,500	3,800	95	-	2,300	5,600
GP-3	0-2'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	2-4'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	4-6'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	6-8'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	8-10'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	10-12'	ND	ND	ND	-	ND	ND	43	ND	47	ND	-	33	43
	12-14'	405	**300**	**750**	-	ND	**350**	640	**8,100**	**23,000**	**4,600**	4,500	7,100	21,000
	14-16'	364	-	-	-	-	-	-	-	-	-	-	-	-
	16-18'	376	-	-	-	-	-	-	-	-	-	-	-	-
	18-20'	ND	ND	ND	-	ND	**34**	ND	ND	43	ND	-	ND	61
GP-4	0-2'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	2-4'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	4-6'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	6-8'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	8-10'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	10-12'	ND	-	-	-		-	-	-	-		-	-	-
	12-14'	40	86	**3,800**	-	ND	ND	ND	ND	110	170	260	770	1,100
	14-16'	149	-	-	-	-	-	-	-	-	-	-	-	-
	16-18'	65	-	-	-	-	-	-	-	-	-	-	-	-
	18-20'	ND	ND	ND	-	ND	ND	ND	ND	ND	ND	-	ND	ND
GP-5	0-2'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	2-4'	39	-	-	-	-	-	-	-	-	-	-	-	-
	4-6'	35	-	-	-	-	-	-	-	-	-	-	-	-
	6-8'	37	-	-	-	-	-	-	-	-	-	-	-	-
	8-10'	18	-	-	-	-	-	-	-	-	-	-	-	-
	10-12'	464	**1,100**	**5,100**	-	ND	**950**	**1,600**	**24,000**	**47,000**	**3,300**	32,000	30,000	86,000
	12-14'	60	-	-	-	-	-	-	-	-	-	-	-	-
	14-16'	12	-	-	-	-	-	-	-	-	-	-	-	-
	16-18'	66	-	-	-	-	-	-	-	-	-	-	-	-
	18-20'	4	ND	ND	-	ND	ND	ND	ND	35	ND	-	40	140

TABLE 2
GEOPROBE BORING SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Petroleum bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Soil Boring Number	Sample Interval (feet below grade)	PID (instrument units)	GRO (mg/kg)	DRO (mg/kg)	Lead (mg/kg)	Petroleum Volatile Organic Compounds (µg/kg)								
						MTBE	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylenes	Naphthalene	1,3,5 TMB	1,2,4 TMB
WAC NR 720 Generic RCLs		No RCL	100	100	500	No RCL	5.5	1,500	2,900	4,100	4,100	No RCL	No RCL	No RCL
WAC NR 746.06 Table 1 Values		No RCL	No RCL	No RCL	No RCL	No RCL	8,500	38,000	4,600	42,000	42,000	2,700	11,000	83,000
WAC NR 746.06 Table 2 Values		No RCL	No RCL	No RCL	No RCL	No RCL	1,100	No RCL	No RCL	No RCL	No RCL	No RCL	No RCL	No RCL
GP-6	0-2'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	2-4'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	4-6'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	6-8'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	8-10'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	10-12'	337	-	-	-	-	-	-	-	-	-	-	-	-
	12-14'	83	**590**	**1,000**	-	ND	**440**	940	**15,000**	**46,000**	**3,300**	6,900	13,000	36,000
	14-16'	15	-	-	-	-	-	-	-	-	-	-	-	-
	16-18'	6	ND	17	-	ND	ND	ND	60	240	74	-	120	320
GP-7	0-2'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	2-4'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	4-6'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	6-8'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	8-10'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	10-12'	ND	-	-	-		-	-	-	-		-	-	-
	12-14'	127	**650**	**1,700**	-	ND	**380**	ND	2,200	**3,000**	**1,100**	19,000	9,800	24,000
	14-16'	33	-	-	-	-	-	-	-	-	-	-	-	-
	16-18'	ND	ND	ND	-	ND	**68**	35	48	150	57	-	120	170
GP-8	0-2'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	2-4'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	4-6'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	6-8'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	8-10'	ND	-	-	-		-	-	-	-		-	-	-
	10-12'	ND	ND	ND	-	ND	ND	ND	ND	ND	ND	-	ND	ND
	12-14'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	14-16'	ND	-	-	-	-	-	-	-	-	-	-	-	-
GP-9	0-2'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	2-4'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	4-6'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	6-8'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	8-10'	ND	-	-	-	-	-	-	-	-		-	-	-
	10-12'	ND	ND	ND	-	ND	ND	28	ND	ND	ND	-	ND	ND
	12-14'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	14-16'	ND	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
GEOPROBE BORING SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Petroleum bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Soil Boring Number	Sample Interval (feet below grade)	PID (instrument units)	GRO (mg/kg)	DRO (mg/kg)	Lead (mg/kg)	Petroleum Volatile Organic Compounds (µg/kg)								
						MTBE	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylenes	Naphthalene	1,3,5 TMB	1,2,4 TMB
WAC NR 720 Generic RCLs		No RCL	100	100	500	No RCL	5.5	1,500	2,900	4,100	4,100	No RCL	No RCL	No RCL
WAC NR 746.06 Table 1 Values		No RCL	No RCL	No RCL	No RCL	No RCL	8,500	38,000	4,600	42,000	42,000	2,700	11,000	83,000
WAC NR 746.06 Table 2 Values		No RCL	No RCL	No RCL	No RCL	No RCL	1,100	No RCL	No RCL	No RCL	No RCL	No RCL	No RCL	No RCL
GP-10	0-2'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	2-4'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	4-6'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	6-8'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	8-10'	ND	-	-	-	-	-	-	-	-		-	-	-
	10-12'	ND	ND	44	-	ND	**38**	77	ND	43	ND	-	ND	ND
	12-14'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	14-16'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	16-18'	ND	-	-	-	-	-	-	-	-	-	-	-	-
GP-11	0-2'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	2-4'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	4-6'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	6-8'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	8-10'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	10-12'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	12-14'	ND	ND	ND	-	ND	ND	ND	ND	ND	ND	-	ND	ND
GP-12	0-10'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	10-12'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	12-14'	6	-	-	-	-	-	-	-	-	-	-	-	-
	14-16'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	16-18'	35	-	-	-	-	-	-	-	-		-	-	-
	18-20'	66	**160**	**700**	-	ND	ND	ND	260	220	69	-	700	2,700
	20-22'	ND	ND	ND	-	ND	ND	ND	ND	ND	ND	-	ND	ND
GP-13	0-10'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	10-12'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	12-14'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	14-16'	ND	ND	ND	-	ND	**170**	ND	220	640	ND	-	63	200
GP-14	0-2'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	2-4'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	4-6'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	6-8'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	8-10'	ND	-	-	-	-	-	-	-	-		-	-	-
	10-12'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	12-14'	347	**550**	**1,500**	-	710	**520**	ND	**9,500**	**27,000**	**1,000**	-	4,700	13,000
	14-16'	331	-	-	-	-	-	-	-	-	-	-	-	-
	16-18'	ND	ND	17	-	ND	**42**	ND	ND	41	ND		ND	32
GP-21	19-21'	302	**1,200**	**1,100**	-	2,200	<630	<630	**21,000**	**54,000**	**14,000**	-	23,000	68,000
GP-22	12-14'	ND	<3.0	<4.0	-	<25	<25	<25	<25	<25	<25	-	<25	<25

TABLE 2
GEOPROBE BORING SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Petroleum bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Soil Boring Number	Sample Interval (feet below grade)	PID (instrument units)	GRO (mg/kg)	DRO (mg/kg)	Lead (mg/kg)	Petroleum Volatile Organic Compounds (µg/kg)								
						MTBE	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylenes	Naphthalene	1,3,5 TMB	1,2,4 TMB
WAC NR 720 Generic RCLs		No RCL	100	100	500	No RCL	5.5	1,500	2,900	4,100	4,100	No RCL	No RCL	No RCL
WAC NR 746.06 Table 1 Values		No RCL	No RCL	No RCL	No RCL	No RCL	8,500	38,000	4,600	42,000	42,000	2,700	11,000	83,000
WAC NR 746.06 Table 2 Values		No RCL	No RCL	No RCL	No RCL	No RCL	1,100	No RCL	No RCL	No RCL	No RCL	No RCL	No RCL	No RCL
MW-7	20-22'	-	-	-	<2.7	-	-	-	-	-	-	-	-	-
MW-9	10-12'	-	-	-	5.2	-	-	-	-	-	-	-	-	-
SB-16	14-16'	-	-	-	6.2	-	-	-	-	-	-	-	-	-

Notes:

1. Borings GP-1 through GP-14 were drilled by Metco of Hillsboro, Wisconsin under the direction of GZA GeoEnvironmental, Inc. (GZA) on March 5 and April 8-9, 1996, using a Geoprobe. Borings GP-21 and GP-22 were drilled on May 11, 1998, under the direction of GZA.
2. Field screening was performed with a Thermo Instruments OVM, photoionization detector (PID).
3. PID results are provided in instrument units.
4. Laboratory analyses were performed by IEA, Inc. (GP-1 through GP-14) of Schaumburg, Illinois and En Chem, Inc. (GP-21 and GP-22) of Green Bay, Wisconsin. Samples were analyzed for gasoline range organics (GRO), diesel range organics (DRO) and lead (results are provided in milligrams per kilogram [mg/kg]), volatile organic compounds (VOCs) and petroleum volatile organic compounds (PVOCs) (results provided in micrograms per kilogram [µg/kg]).
5. TMB = trimethylbenzene.
6. "-" indicates sample not analyzed for that parameter.
7. "NS" indicates no sample attempted; "ND" indicates parameter was not detected above instrument or laboratory detection limits.
8. **Red** font indicates parameter detected at soil concentrations greater than the Wisconsin Administrative Code (WAC) NR 720 Guidance Residual Contaminant Levels (RCLs). Gray shading indicates parameter detected at soil concentrations greater than WAC NR 746.06 Table 1 (Indicators of Residual Petroleum Product in Soil Pores) soil screening levels. Yellow shading indicates parameter detected at soil concentrations greater than WAC NR 746.06 Table 2 (Protection of Human Health from Direct Contact With Contaminated Soil) soil contaminant concentrations.
9. Only VOCs detected during analyses are presented.

TABLE 3
SOIL BORING SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Petroleum Bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Soil Boring Number	Sample Interval (feet below grade)	PID (instrument units)	GRO (mg/kg)	DRO (mg/kg)	TOC (mg/kg)	Lead (mg/kg)	Petroleum Volatile Organic Compounds (µg/kg)							
							MTBE	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylenes	1,3,5 TMB	1,2,4 TMB
WAC NR 720 Generic RCLs		No RCL	100	100	No RCL	500	No RCL	5.5	1,500	2,900	4,100	4,100	No RCL	No RCL
WAC NR 746.06 Table 1 Values		No RCL	No RCL	No RCL	No RCL	No RCL	No RCL	8,500	38,000	4,600	42,000	42,000	11,000	83,000
WAC NR 746.06 Table 2 Values		No RCL	No RCL	No RCL	No RCL	No RCL	No RCL	1,100	No RCL	No RCL	No RCL	No RCL	No RCL	No RCL
MW-1	1' - 3'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	3' - 5'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	5' - 7'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	7' - 9'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	9' - 11'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	11' - 13'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	13' - 15'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	15' - 17'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	17' - 19'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	19' - 21'	48.9	33	49	-	-	ND	180	ND	93	96	44	140	470
	21' - 23'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	23' - 25'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	25' - 27'	ND	ND	ND	-	-	ND	ND	ND	ND	ND	ND	ND	ND
MW-2	1' - 3'	960	-	-	-	-	-	-	-	-	-	-	-	-
	3' - 5'	334	-	-	-	-	-	-	-	-	-	-	-	-
	5' - 7'	53.1	-	-	-	-	-	-	-	-	-	-	-	-
	7' - 9'	10.6	-	-	-	-	-	-	-	-	-	-	-	-
	9' - 11'	10.6	-	-	-	-	-	-	-	-	-	-	-	-
	11' - 13'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	13' - 15'	129	120	680	-	-	78	290	75	860	1,800	160	1,600	5,400
	15' - 17'	6.3	-	-	-	-	-	-	-	-	-	-	-	-
	17' - 19'	6.3	-	-	-	-	-	-	-	-	-	-	-	-
	19' - 21'	23.4	-	-	-	-	-	-	-	-	-	-	-	-
	21' - 23'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	23' - 25'	ND	ND	ND	-	-	ND	ND	ND	ND	ND	ND	ND	ND
MW-3	1' - 3'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	3' - 5'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	5' - 7'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	7' - 9'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	9' - 11'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	11' - 13'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	13' - 15'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	15' - 17'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	17' - 19'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	19' - 21'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	21' - 23'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	23' - 25'	ND	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3
SOIL BORING SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Petroleum Bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Soil Boring Number	Sample Interval (feet below grade)	PID (instrument units)	GRO (mg/kg)	DRO (mg/kg)	TOC (mg/kg)	Lead (mg/kg)	Petroleum Volatile Organic Compounds (µg/kg)							
							MTBE	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylenes	1,3,5 TMB	1,2,4 TMB
MW-4	1' - 3'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	3' - 5'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	5' - 7'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	7' - 9'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	9' - 11'	NS	-	-	-	-	-	-	-	-	-	-	-	-
	11' - 13'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	13' - 15'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	15' - 17'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	17' - 19'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	19' - 21'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	21' - 23'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	23' - 25'	ND	ND	ND	-	-	ND	ND	ND	ND	ND	ND	ND	43
	25' - 27'	ND	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	1' - 3'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	3' - 5'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	5' - 7'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	7' - 9'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	9' - 11'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	11' - 13'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	13' - 15'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	15' - 17'	ND	ND	ND	-	-	ND	ND	ND	ND	ND	ND	ND	ND
	17' - 19'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	19' - 21'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	21' - 23'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	23' - 25'	ND	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	1' - 3'	87	-	-	-	-	-	-	-	-	-	-	-	-
	3' - 5'	562	-	-	-	-	-	-	-	-	-	-	-	-
	5' - 7'	346	-	-	-	-	-	-	-	-	-	-	-	-
	7' - 9'	142	-	-	-	-	-	-	-	-	-	-	-	-
	9' - 11'	74	-	-	-	-	-	-	-	-	-	-	-	-
	11' - 13'	40	-	-	-	-	-	-	-	-	-	-	-	-
	13' - 15'	14	-	-	-	-	-	-	-	-	-	-	-	-
	15' - 17'	389	88	120	-	-	230	770	100	890	2,200	110	1,700	4,800
	17' - 19'	117	-	-	-	-	-	-	-	-	-	-	-	-
	19' - 21'	53	-	-	-	-	-	-	-	-	-	-	-	-
	21' - 23'	121	-	-	-	-	-	-	-	-	-	-	-	-
	23' - 25'	6	ND	ND	-	-	ND	ND	ND	37	100	ND	50	170

TABLE 3
SOIL BORING SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Petroleum Bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

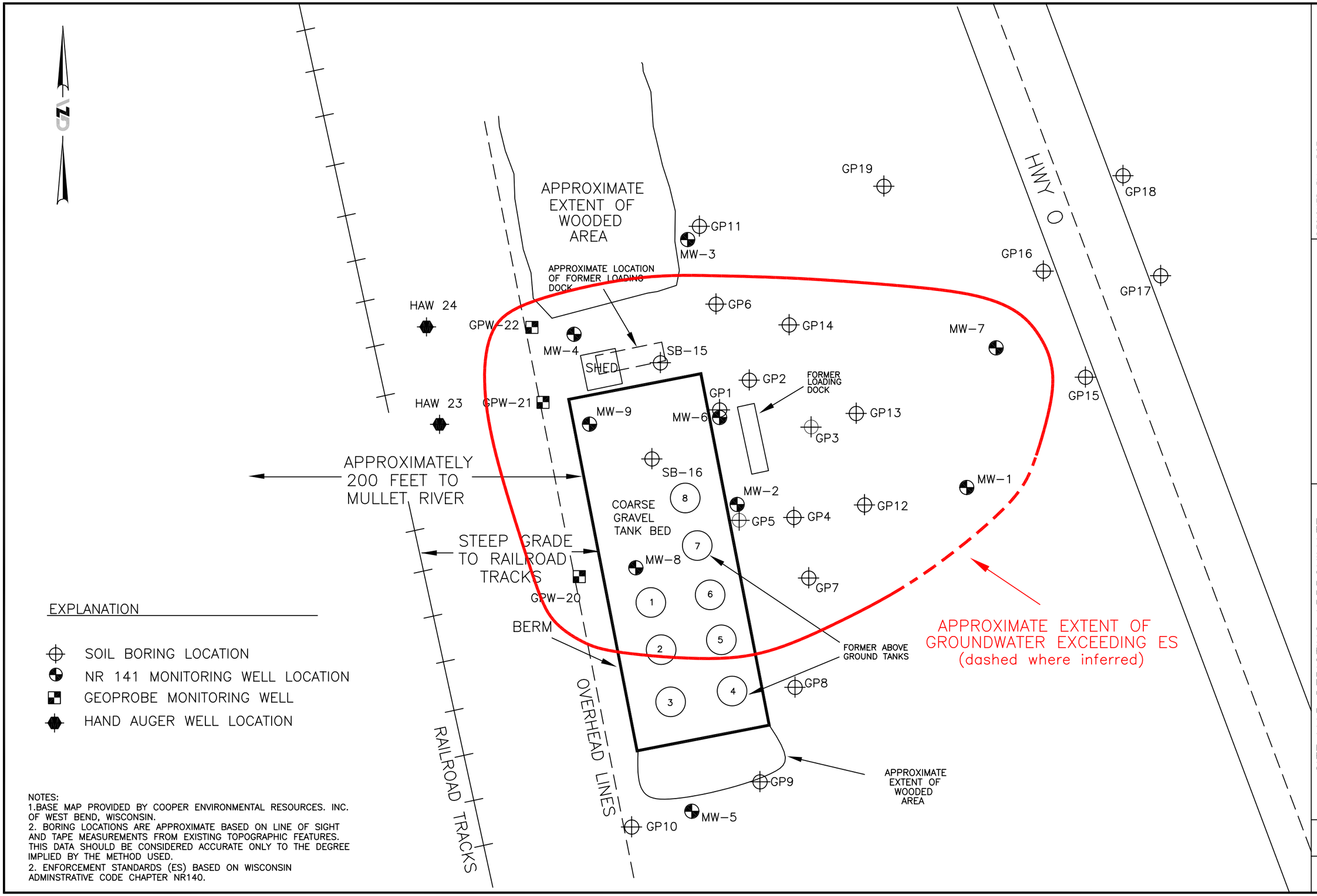
Soil Boring Number	Sample Interval (feet below grade)	PID (instrument units)	GRO (mg/kg)	DRO (mg/kg)	TOC (mg/kg)	Lead (mg/kg)	Petroleum Volatile Organic Compounds (µg/kg)							
							MTBE	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylenes	1,3,5 TMB	1,2,4 TMB
MW-7	0' - 2'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	2' - 4'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	4' - 6'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	6' - 8'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	8' - 10'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	10' - 12'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	12' - 14'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	14' - 16'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	16' - 18'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	18' - 20'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	20' - 22'	18.7	ND	200	20,700	<2.7	ND	31	ND	40	210	34	77	250
	22' - 24'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	24' - 26'	ND	ND	ND	-	-	ND	39	49	43	130	47	98	140
	26' - 28'	ND			-	-								
MW-8	0' - 2'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	2' - 4'	489	-	-	-	-	-	-	-	-	-	-	-	-
	4' - 6'	844	550	680	-	-	150	2,800	3,000	19,000	66,000	3,100	**18,000**	43,000
	6' - 8'	447	-	-	-	-	-	-	-	-	-	-	-	-
	8' - 10'	106	-	-	-	-	-	-	-	-	-	-	-	-
	10' - 12'	112	-	-	-	-	-	-	-	-	-	-	-	-
	12' - 14'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	14' - 16'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	16' - 18'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	18' - 20'	ND	ND	ND	2,740	-	ND	ND	46	82	300	73	120	260
MW-9	0' - 2'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	2' - 4'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	4' - 6'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	6' - 8'	330	-	-	-	-	-	-	-	-	-	-	-	-
	8' - 10'	250	-	-	-		-	-	-	-	-	-	-	-
	10' - 12'	1130	77	14	-	5.2	500	2,600	6,200	3,700	10,000	4,200	1,400	4,400
	12' - 14'	930	-	-	-	-	-	-	-	-	-	-	-	-
	14' - 16'	119	-	-	-	-	-	-	-	-	-	-	-	-
	16' - 18'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	18' - 20'	ND	ND	ND	-	-	38	ND	ND	ND	44	ND	31	52
SB-15	1' - 3'	49	-	-	-	-	-	-	-	-	-	-	-	-
	3' - 5'	227	-	-	-	-	-	-	-	-	-	-	-	-
	5' - 7'	15	-	-	-	-	-	-	-	-	-	-	-	-
	7' - 9'	6	-	-	-	-	-	-	-	-	-	-	-	-
	9' - 11'	2	-	-	-	-	-	-	-	-	-	-	-	-
	11' - 13'	>1000	940	2,300	-	-	ND	2,700	890	8,700	33,000	13,000	**29,000**	77,000
	13' - 15'	524	-	-	-	-	-	-	-	-	-	-	-	-
	15' - 17'	321	-	-	-	-	-	-	-	-	-	-	-	-
	17' - 19'	177	-	-	-	-	-	-	-	-	-	-	-	-
	19' - 21'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	21' - 23'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	23' - 25'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	25' - 27'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	27' - 29'	ND	23	ND	-	-	ND	41	ND	110	520	200	580	1,400

TABLE 3
SOIL BORING SOIL FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS
Petroleum Bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Soil Boring Number	Sample Interval (feet below grade)	PID (instrument units)	GRO (mg/kg)	DRO (mg/kg)	TOC (mg/kg)	Lead (mg/kg)	Petroleum Volatile Organic Compounds (µg/kg)							
							MTBE	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylenes	1,3,5 TMB	1,2,4 TMB
SB-16	0' - 2'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	2' - 4'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	4' - 6'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	6' - 8'	260	89	1,300	-	-	72	190	60	2,300	4,700	1,500	2,000	3,700
	8' - 10'	50	-	-	-	-	-	-	-	-	-	-	-	-
	10' - 12'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	12' - 14'	ND	-	-	-	-	-	-	-	-	-	-	-	-
	14' - 16'	ND	ND	ND	2,630	6.2	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

1. Borings MW-1 through MW-6 and SB-15 were drilled by Wisconsin Soil Testing of Butler, Wisconsin under the direction of GZA GeoEnvironmental, Inc. (GZA) on August 5-7, 1996, using auger drilling methods. Borings MW-7, MW-8, MW-9 and SB-16 were completed on November 13, 1996.
2. Field screening was performed by GZA with a Thermo Instruments OVM, photoionization detector (PID). PID results are provided in instrument units.
3. Laboratory analyses was performed by IEA, Inc. of Schaumburg, Illinois. Gasoline range organics (GRO) and diesel range organics (DRO) are reported in milligrams per kilogram (mg/kg) and petroleum volatile organic compounds (PVOCs) are reported in micrograms per kilogram (µg/kg).
4. TMB = trimethylbenzene.
5. TOC = total organic carbon.
6. Soil samples from soil boring MW-3 were not submitted for laboratory analysis, as this boring was located within 3 feet of soil boring GP-11.
7. "-" = Sample not analyzed for parameter.
8. "NS" = No sample recovered. "ND" = Parameter not detected above instrument or laboratory detection limits.
9. Red font indicates parameter detected at soil concentrations greater than the Wisconsin Administrative Code (WAC) NR 720 Guidance Residual Contaminant Levels (RCLs). Green shading indicates parameter detected at soil concentrations greater than WAC NR 746.06 Table 1 (Indicators of Residual Petroleum Product in Soil Pores) soil screening levels. Yellow shading indicates parameter detected at soil concentrations greater than WAC NR 746.06 Table 2 (Protection of Human Health from Direct Contact With Contaminated Soil) soil contaminant concentrations.


GZA
APPROXIMATE EXTENT OF WOODED AREA
APPROXIMATE LOCATION OF FORMER LOADING DOCK
HAW 24
HAW 23
GPW-22
GPW-21
GPW-20
MW-4
SHED
SB-15
MW-9
MW-6
GP1
GP2
FORMER LOADING DOCK
GP3
GP13
SB-16
COARSE GRAVEL TANK BED
8
7
6
5
4
3
2
1
MW-2
GP5
GP4
GP12
MW-8
GP7
GP8
GP9
MW-5
GP10
FORMER ABOVE GROUND TANKS
APPROXIMATE EXTENT OF WOODED AREA
APPROXIMATELY 200 FEET TO MULLET RIVER
STEEP GRADE TO RAILROAD TRACKS
BERM
OVERHEAD LINES
RAILROAD TRACKS
GP11
MW-3
GP6
GP14
MW-7
GP19
GP16
GP17
GP18
GP15
MW-1
HWY O
APPROXIMATE EXTENT OF GROUNDWATER EXCEEDING ES
(dashed where inferred)
EXPLANATION
SOIL BORING LOCATION
NR 141 MONITORING WELL LOCATION
GEOPROBE MONITORING WELL
HAND AUGER WELL LOCATION
NOTES:
1.BASE MAP PROVIDED BY COOPER ENVIRONMENTAL RESOURCES. INC. OF WEST BEND, WISCONSIN.
2. BORING LOCATIONS ARE APPROXIMATE BASED ON LINE OF SIGHT AND TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
2. ENFORCEMENT STANDARDS (ES) BASED ON WISCONSIN ADMINSTRATIVE CODE CHAPTER NR140.
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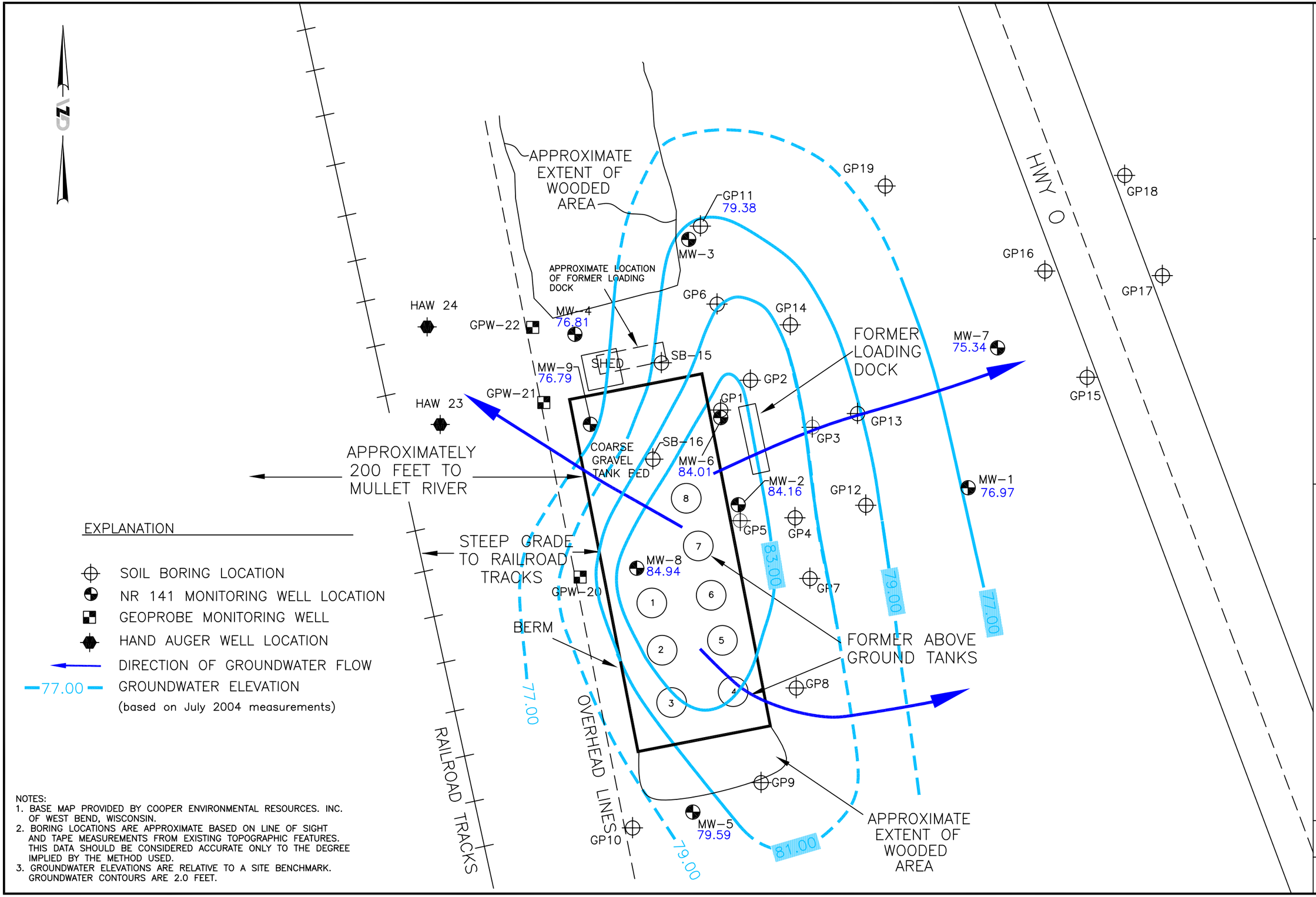
DESIGNED BY: BGF
REVIEWED BY:
DRAWN BY: CJM
DATE: 10/05
GZA GeoEnvironmental, Inc.
20900 Swenson Drive • Waukesha, Wisconsin 53186
Phone (262) 754-2560 • Fax (262) 754-5711
www.gza.com
SCALE IN FEET
0 30 60
APPROXIMATE
SITE MAP DEPICTING APPROXIMATE AREA OF GROUNDWATER EXCEEDING ESs
PLYMOUTH OIL, INC.
FORMER PETROLEUM BULK STORAGE FACILITY
PLYMOUTH, WISCONSIN
FILE NO.
150102.00
FIGURE NO.
7
GZA Drawing Name: J:\100T0199\150102\GIS Information\ES EXCEEDANCE MAP.dwg Last Modified: Nov 18, 2005 – 3:28pm Plotted on: Jan 12, 2006 – 3:35pm by tmz

TABLE 1
HYDRAULIC CONDUCTIVITY AND GROUNDWATER MEASUREMENTS
Petroleum Bulk Storage Facility
921 County Trunk Highway O
Plymouth, Wisconsin

Well Number	Total Depth (ft)	Screen Length (ft)	Hydraulic Conductivity [1] (ft/min)	Depth to Water (ft)				Casing Elevation (ft)	Groundwater Elevation (ft)			
				2/12/04	7/8/04	2/15/05	9/1/05		2/12/04	7/8/04	2/15/05	9/1/05
MW-1	27	10	1.1 E-04	23.03	22.51	22.93	23.47	100.00	76.97	77.49	77.07	76.53
MW-2	21	10	9.4 E-09	12.73	11.63	11.41	13.44	96.89	84.16	85.26	85.48	83.45
MW-3	25	10	3.5 E-09	20.18		21.57	21.02	99.56	79.38		77.99	78.54
MW-4	27	10	1.8 E-04	20.58	17.45	19.16	22.66	97.39	76.81	79.94	78.23	74.73
MW-5	25	10	8.9 E-09	20.20		19.64	22.46	99.79	79.59		80.15	77.33
MW-6	24	10	NM	13.37	12.31	12.26	14.24	97.38	84.01	85.07	85.12	83.14
MW-7	28	10	NM	23.93	23.14	23.89	24.57	99.27	75.34	76.13	75.38	74.70
MW-8	23	15	NM	12.81	10.99	10.85	14.64	97.75	84.94	86.76	86.90	83.11
MW-9	23	15	NM	20.36	16.95	18.31		97.15	76.79	80.20	78.84	

Notes:
1. Rising head and bail down permeability tests were performed to determine hydraulic conductivity.
2. Elevation measurements in feet referenced to site benchmark.
3. Measurements were taken from top of PVC well casing using to the nearest 0.01-foot using an electronic water level indicator.
4. NM = Hydraulic conductivity not measured.



NOTES:
1. BASE MAP PROVIDED BY COOPER ENVIRONMENTAL RESOURCES. INC. OF WEST BEND, WISCONSIN.
2. BORING LOCATIONS ARE APPROXIMATE BASED ON LINE OF SIGHT AND TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. GROUNDWATER ELEVATIONS ARE RELATIVE TO A SITE BENCHMARK. GROUNDWATER CONTOURS ARE 2.0 FEET.

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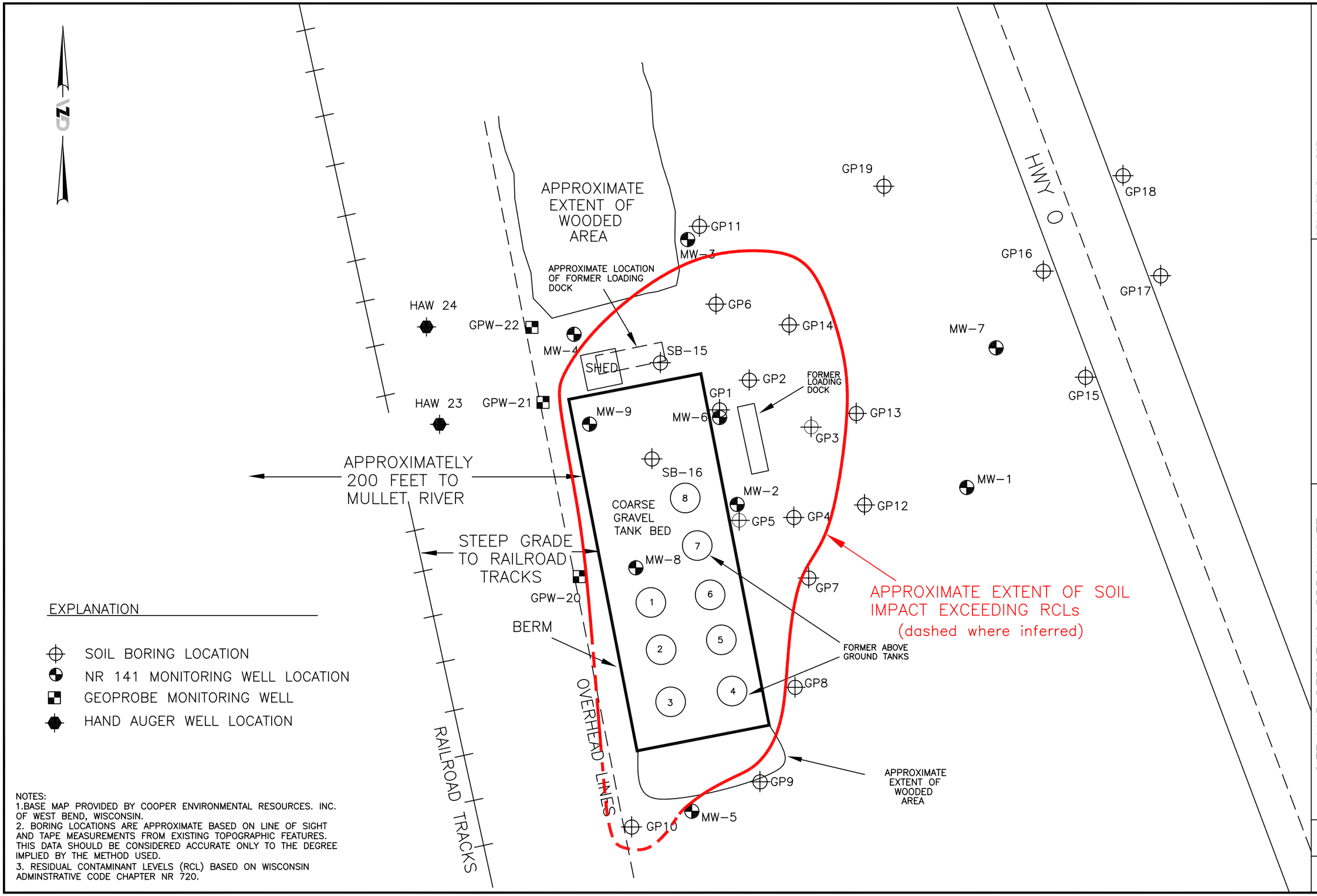
GZA
APPROXIMATE EXTENT OF WOODED AREA
APPROXIMATE LOCATION OF FORMER LOADING DOCK
HAW 24
HAW 23
GPW-22
GPW-21
GPW-20
MW-4
SHED
SB-15
GP11
MW-3
GP6
GP14
GP19
GP18
GP16
GP17
MW-7
GP15
HWY O
GP2
GP1
MW-6
FORMER LOADING DOCK
GP13
GP3
MW-9
SB-16
COARSE GRAVEL TANK BED
MW-2
GP5
GP4
GP12
MW-1
MW-8
GP7
APPROXIMATE EXTENT OF SOIL IMPACT EXCEEDING RCLs
(dashed where inferred)
FORMER ABOVE GROUND TANKS
GP8
APPROXIMATE EXTENT OF WOODED AREA
GP9
MW-5
GP10
APPROXIMATELY 200 FEET TO MULLET RIVER
STEEP GRADE TO RAILROAD TRACKS
BERM
OVERHEAD LINES
RAILROAD TRACKS
EXPLANATION
SOIL BORING LOCATION
NR 141 MONITORING WELL LOCATION
GEOPROBE MONITORING WELL
HAND AUGER WELL LOCATION
NOTES:
1.BASE MAP PROVIDED BY COOPER ENVIRONMENTAL RESOURCES. INC. OF WEST BEND, WISCONSIN.
2. BORING LOCATIONS ARE APPROXIMATE BASED ON LINE OF SIGHT AND TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. RESIDUAL CONTAMINANT LEVELS (RCL) BASED ON WISCONSIN ADMINSTRATIVE CODE CHAPTER NR 720.
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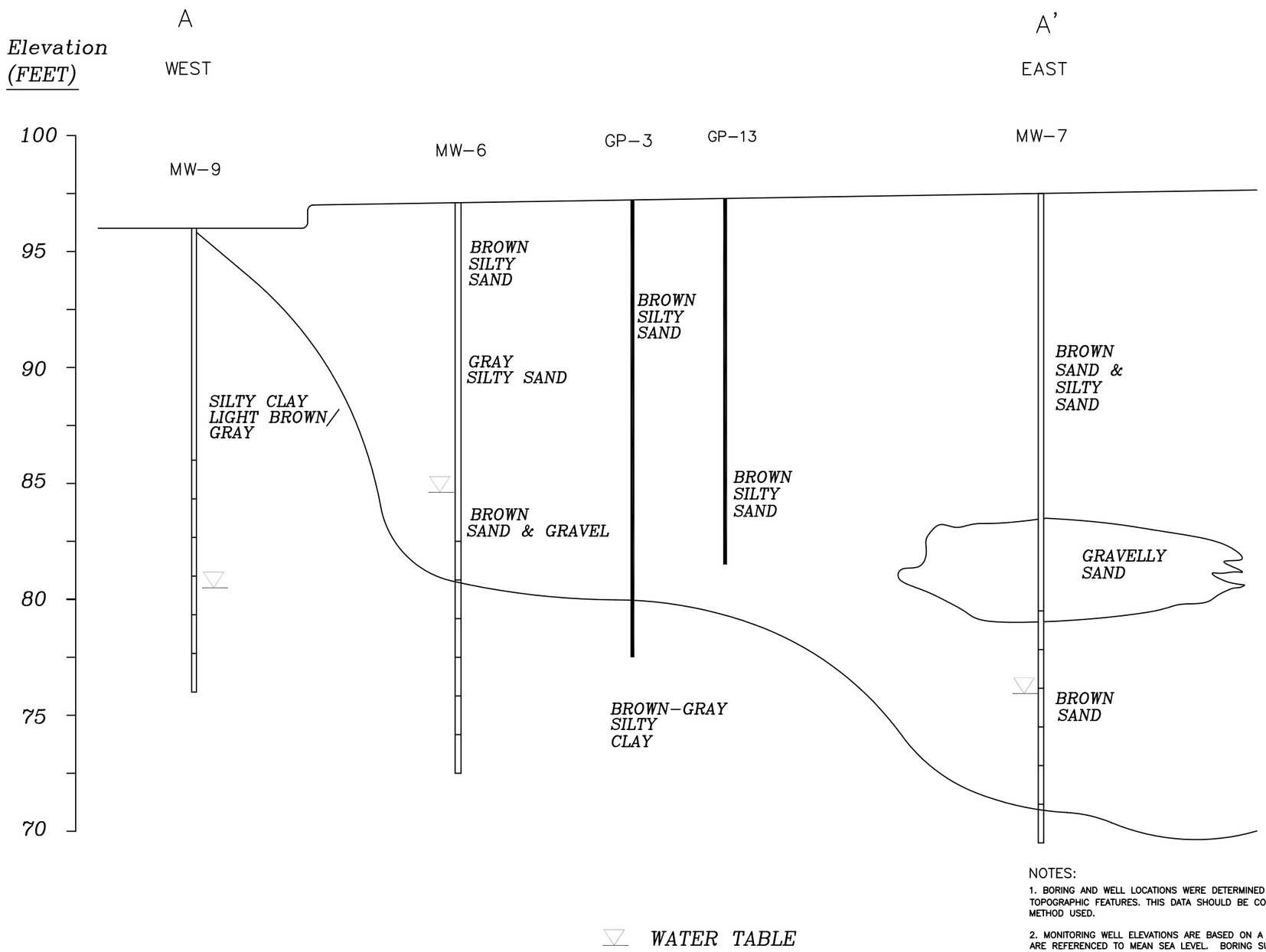
DESIGNED BY: BGF
REVIEWED BY:
DRAWN BY: CJM
DATE: 10/05
GZA GeoEnvironmental, Inc.
20900 Swenson Drive • Waukesha, Wisconsin 53186
Phone (262) 754-2560 • Fax (262) 754-9711
www.gza.com
SCALE IN FEET
0 30 60
APPROXIMATE
SITE MAP DEPICTING APPROXIMATE AREA OF SOIL EXCEEDING RCLs
PLYMOUTH OIL, INC.
FORMER PETROLEUM BULK STORAGE FACILITY
PLYMOUTH, WISCONSIN
FILE NO. 150102.00
FIGURE NO. 6
GZA Drawing Name: J:\100T0199\150102\GIS Information\RCL EXCEEDANCE MAP.dwg Last Modified: Nov 18, 2005 - 3:27pm Plotted on: Jan 12, 2006 - 3:34pm by tmz



NOTES:

1. BORING AND WELL LOCATIONS WERE DETERMINED BY SURVEY OR BY TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

2. MONITORING WELL ELEVATIONS ARE BASED ON A SURVEY COMPLETED BY SMITH AND WEILAND. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL. BORING SURFACE ELEVATIONS WERE NOT SURVEYED, BUT ARE IMPLIED BASED ON THE CLOSEST MONITORING WELL ELEVATIONS.

3. GEOLOGIC CROSS SECTION BASED ON INFORMATION OBTAINED BY GZA DURING THE SITE INVESTIGATION ACTIVITIES. THE STRATIFICATION LINES ARE BASED UPON INTERPOLATION BETWEEN WIDELY SPACED BORINGS AND THUS REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. ACTUAL TRANSITIONS MAY VARY FROM THOSE SHOWN.

4. MAGNIFICATION OF VERTICAL SCALE CAUSES TRENDS IN SOIL STRATA TO APPEAR MORE PRONOUNCED THAN THAT WHICH ACTUALLY EXISTS. VERTICAL EXAGGERATION IS 4 TIMES.

5. REFER TO FIGURE NO. 2 FOR LOCATION OF SOIL BORINGS AND MONITORING WELLS.

DESIGNED BY: BGF
REVIEWED BY: BGF
DRAWN BY: MAS
DATE: 2/11/04

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Phone (262) 754-2560 • Fax (262) 754-9711
www.gza.com

SCALE IN FEET

HORIZONTAL: 0 30 60

VERTICAL: 0 5 10

VERTICAL EXAGGERATION = 4X

GEOLOGICAL CROSS SECTION
A – A'

PLYMOUTH OIL, INC.
FORMER PETROELUM BULK STORAGE FACILITY
PLYMOUTH, WISCONSIN

FILE NO.
150102.00

FIGURE NO.
3

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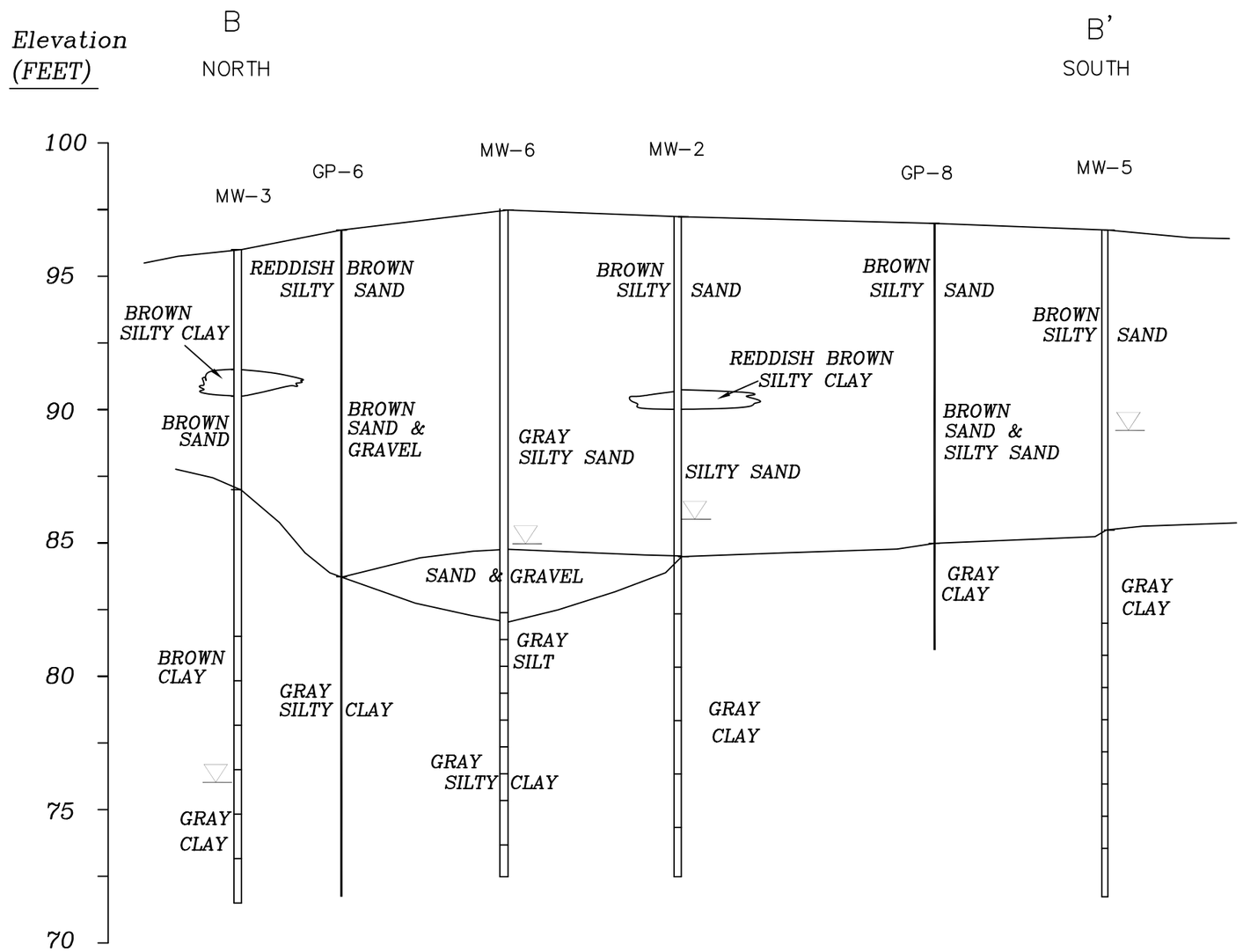

NOTES:

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2. MONITORING WELL ELEVATIONS ARE BASED ON A SURVEY COMPLETED BY SMITH AND WEILAND. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL. BORING SURFACE ELEVATIONS WERE NOT SURVEYED, BUT ARE IMPLIED BASED ON THE CLOSEST MONITORING WELL ELEVATIONS.

3. GEOLOGIC CROSS SECTION BASED ON INFORMATION OBTAINED BY GZA DURING THE SITE INVESTIGATION ACTIVITIES. THE STRATIFICATION LINES ARE BASED UPON INTERPOLATION BETWEEN WIDELY SPACED BORINGS AND THUS REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. ACTUAL TRANSITIONS MAY VARY FROM THOSE SHOWN.

4. MAGNIFICATION OF VERTICAL SCALE CAUSES TRENDS IN SOIL STRATA TO APPEAR MORE PRONOUNCED THAN THAT WHICH ACTUALLY EXISTS. VERTICAL EXAGGERATION IS 4 TIMES.

5. REFER TO FIGURE NO. 2 FOR LOCATION OF SOIL BORINGS AND MONITORING WELLS.

DESIGNED BY: BGF
REVIEWED BY: BGF
DRAWN BY: MAS
DATE: 2/11/04

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Phone (262) 754-2560 • Fax (262) 754-9711
www.gza.com

SCALE IN FEET
HORIZONTAL: 0 30 60
VERTICAL: 0 5 10
VERTICAL EXAGGERATION = 6X

GEOLOGICAL CROSS SECTION
B – B'

PLYMOUTH OIL, INC.
FORMER PETROLEUM BULK STORAGE FACILITY
PLYMOUTH, WISCONSIN

FILE NO.
150102.00

FIGURE NO.
4

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GZA Drawing Name: J:\100T0199\150102\GIS Information\XSEC2.DWG Last Modified: Oct 19, 2005 – 2:09pm Plotted on: Jan 11, 2006 – 4:31pm by tmz

Plymouth Oil, Inc.

January 12, 2006

Chris
GZA
20900 Swenson Dr Ste 150
Waukesha, WI 53186

Dear Chris,

The legal description and deed provided to GZA for the Plymouth Oil Bulk Plant located at 921 Cty. Hwy O, Plymouth, is, to the best of my knowledge, complete and accurate.

Sincerely,

John Slabe
President

P.O. BOX 237 • PLYMOUTH, WISCONSIN 53073-0237 • PLYMOUTH 920-893-6851 • FAX 920-893-6711