GIS REGISTRY INFORMATION

SITE NAME:	Speedway #7224		
BRRTS #:	03-65-002249	**FID #** (if appropriate):	
COMMERCE # (if appropriate):	53115-9999-62		
CLOSURE DATE:	April 26, 2005		
STREET ADDRESS:	222 State Rd 50		
CITY:	Delavan		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X =	635888		Y =	240166	
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	X		No		

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	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)	
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)	X
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
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

April 26, 2005

Mr. Keith Hughes
Speedway SuperAmerica, LLC
500 Speedway Drive
Enon, OH 45323

RE: **Final Closure**

Commerce # 53115-9999-62 WDNR BRRTS # 03-65-002249
Speedway #7224, 222 State Road 50, Delavan

Dear Mr. Hughes:

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 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
Hydrogeologist
Site Review Section

cc: Mr. Stephen Owens, Sigma Environmental Services, Inc.
Case File

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
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

February 12, 2004

Mr. Keith Hughes
Speedway SuperAmerica, LLC.
500 Speedway Drive
Enon, OH 45323

RE: **Conditional Case Closure**

Commerce # 53115-9999-62 WDNR BRRTS # 03-65-002249
Speedway #7224, 222 State Road 50, Delavan

Dear Mr. Hughes:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Sigma Environmental Services, 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.

Investigation of petroleum related compounds appears to be complete. Conditional closure for this case applies to the petroleum contamination related to the former underground storage tanks and does not apply to contamination from sources other than petroleum storage tanks. The polycyclic aromatic hydrocarbon (PAHs) compounds detected in on-site and off-site soil borings appear to be from a source other than a petroleum storage tank. Commerce does not have jurisdiction over the PAH related contamination at this site. Therefore, portions of this case file relating to the PAH contamination will be transferred to the Wisconsin Department of Natural Resources (WDNR) for their regulatory oversight.

The following condition must be satisfied to obtain final closure:

- All groundwater monitoring wells must be properly abandoned and the appropriate documentation forwarded to Commerce at the letterhead address. You may want to consider postponing well abandonment activities until the WDNR has determined that the monitoring wells are no longer necessary for investigation of the PAH compounds. Inform Commerce in writing if you determine that the monitoring well network will be used for the PAH investigation.

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
Hydrogeologist
Site Review Section

cc: Mr. Gary Genteman, Sigma Environmental Services, Inc.
Mr. David Volkert, WDNR-via email
Case File

395279

Document Number

Document Title

VOL. 658 PAGE 1274

RECORDED IN VOL. 658
PAGE 1274

'98 OCT 7 PM 12 47

CONNIE J. ... OLEVER
REGISTER OF DEEDS
WALW... COUNTY, WI

QUITCLAIM DEED

Recording Area LANDAMERICA 14.00

Name and Return Address

Marathon Oil Company
c/o Real Estate, Room 1604
539 South Main Street
Findlay, OH 45840

FIN 00015

Parcel Identification Number (PIN)

FEE
7
EXEMPT

This information must be completed by submitter: document title, name & return address, and PIN (if required). Other information such as the grantee, consideration, etc. may be placed on this first page of the document or may be placed on additional pages of the document. Note: Use of this cover page adds one page to your document and $2.00 to the recording fee. Wisconsin Statutes, §9.517. WRDA 2/96

I hereby certify that I have on this 8th day of October, 1998 microphotographed the above document in accordance with standards established by Sec. 228.03 (1) of Statutes and with established procedures,

Kathy Davis, Camera Operator

EMC Unit No: 7224
Location: Hwy. 50 Inlet Oaks
Delavan, WI

This space reserved for recording data

Return to:
(SEE BELOW)

QUITCLAIM DEED

KNOW ALL MEN BY THESE PRESENTS, that EMRO MARKETING COMPANY (successor by merger to Cheker Oil Company of Wisconsin, Inc.), a Delaware corporation, whose address is c/o Property Tax Department, 539 South Main Street, Findlay, Ohio 45840, GRANTOR, for the consideration of Ten and No/100 Dollars ($10.00), received to its full satisfaction of MARATHON OIL COMPANY, Grantee, whose TAX MAILING ADDRESS will be c/o Property Tax Records, 539 South Main Street, Findlay, Ohio 45840, hereby releases, conveys and quitclaims to said GRANTEE the following described real estate in the County of Walworth, and State of Wisconsin:

SEE ATTACHED EXHIBIT "A"

PRIOR DEED REFERENCE: Vol. 238, Page 525
PARCEL NO: FIN 00015

TO HAVE AND TO HOLD the same, together with all rights, privileges, appurtenances, and immunities thereto belonging or in any way appertaining, unto the Grantee, its successors and assigns forever.

Grantor, does further release, convey and quitclaim to said Grantee, all of Grantor's right, title and interest, if any, in and to all roadways, streets, alleys, easements and rights of way adjacent to or abutting to the above described lands.

IN WITNESS WHEREOF, said corporation sets its hand this 18th day of December, 1997.

Signed and acknowledged
in the presence of:

Karen I. Mays
Printed: Karen I. Mays

Cynthia L. Snyder
Printed: Cynthia L. Snyder

EMRO MARKETING COMPANY

By: G. E. Buroker
Name: G. E. Buroker
Title: Sr. Vice President - Operations

STATE OF OHIO)
) SS.
COUNTY OF HANCOCK)

BEFORE ME, a Notary Public in and for said State of Ohio personally appeared the above named Emro Marketing Company, a Delaware corporation, by G. E. Buroker, its Sr. Vice President - Operations, who acknowledged that he did sign the foregoing instrument and that the same is the free act and deed of said corporation, and the free act and deed of him personally and as such officer.

IN TESTIMONY WHEREOF, I have hereunto set my hand and official seal, at Findlay, Ohio, this 18th day of December, 1997.

Cynthia L. Snyder (SEAL)
Notary Public

My Commission Expires:
CYNTHIA L. SNYDER
NOTARY PUBLIC - STATE OF OHIO
MY COMMISSION EXPIRES OCT. 30, 2001

This Instrument Prepared by:
Q. H. Wood, Attorney-at-Law
539 South Main Street
Findlay, Ohio 45840

A:\WI#7224

AFTER RECORDING MAIL TO: MARATHON OIL COMPANY
c/o REAL ESTATE, ROOM 1604
539 SOUTH MAIN STREET
FINDLAY, OH 45840

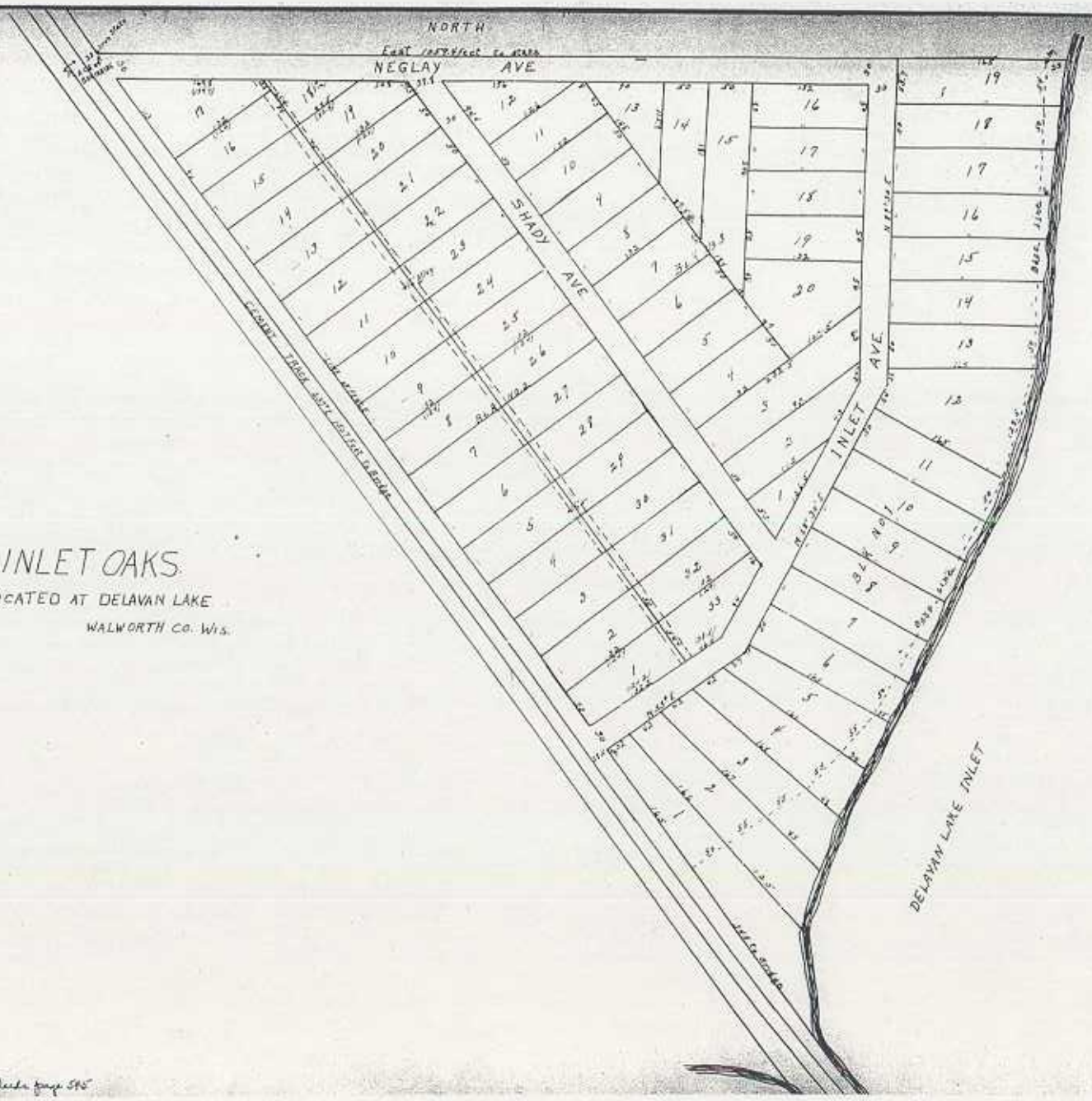
EXHIBIT "A"

Legal Description of Premises @
Hwy. 50 Inlet Oaks
Delavan, WI

The following described real estate situated in the County of Walworth and State of Wisconsin, to-wit:

Lots 10, 11, 12 and 13 in Block 2 in Inlet Oaks Subdivision in the Town of Delavan, Walworth County, Wisconsin.

Number 241302



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Vol. 468 Deeds page 585

NE¼ of the NE¼ of Sec. 22, T2N, R16E. Adapted from U.S.G.S. 7.5 minute series, Walworth and Elkhorn, Wisconsin, quadrangles dated 1960 (photorevised 1971).

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

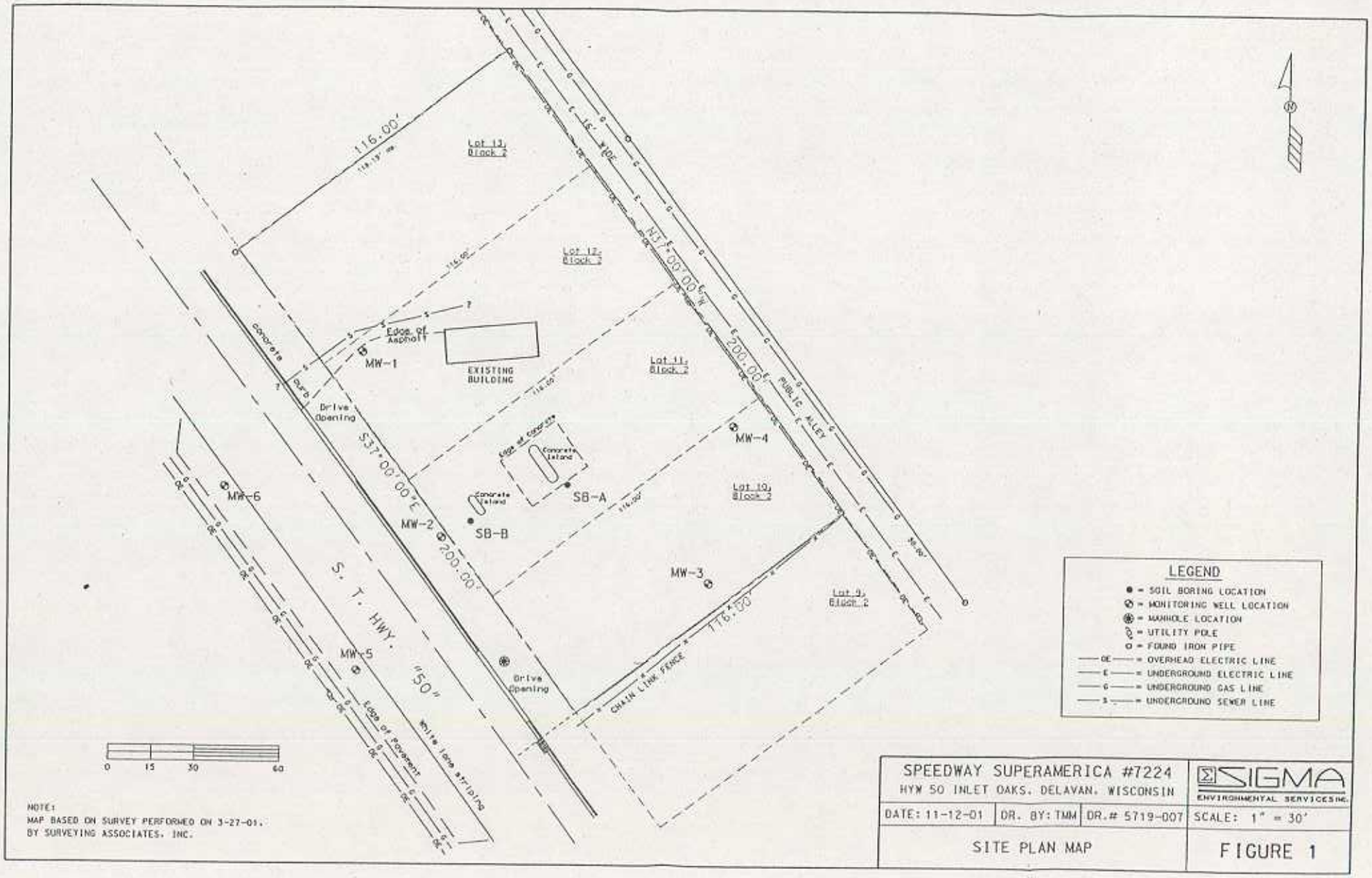
CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

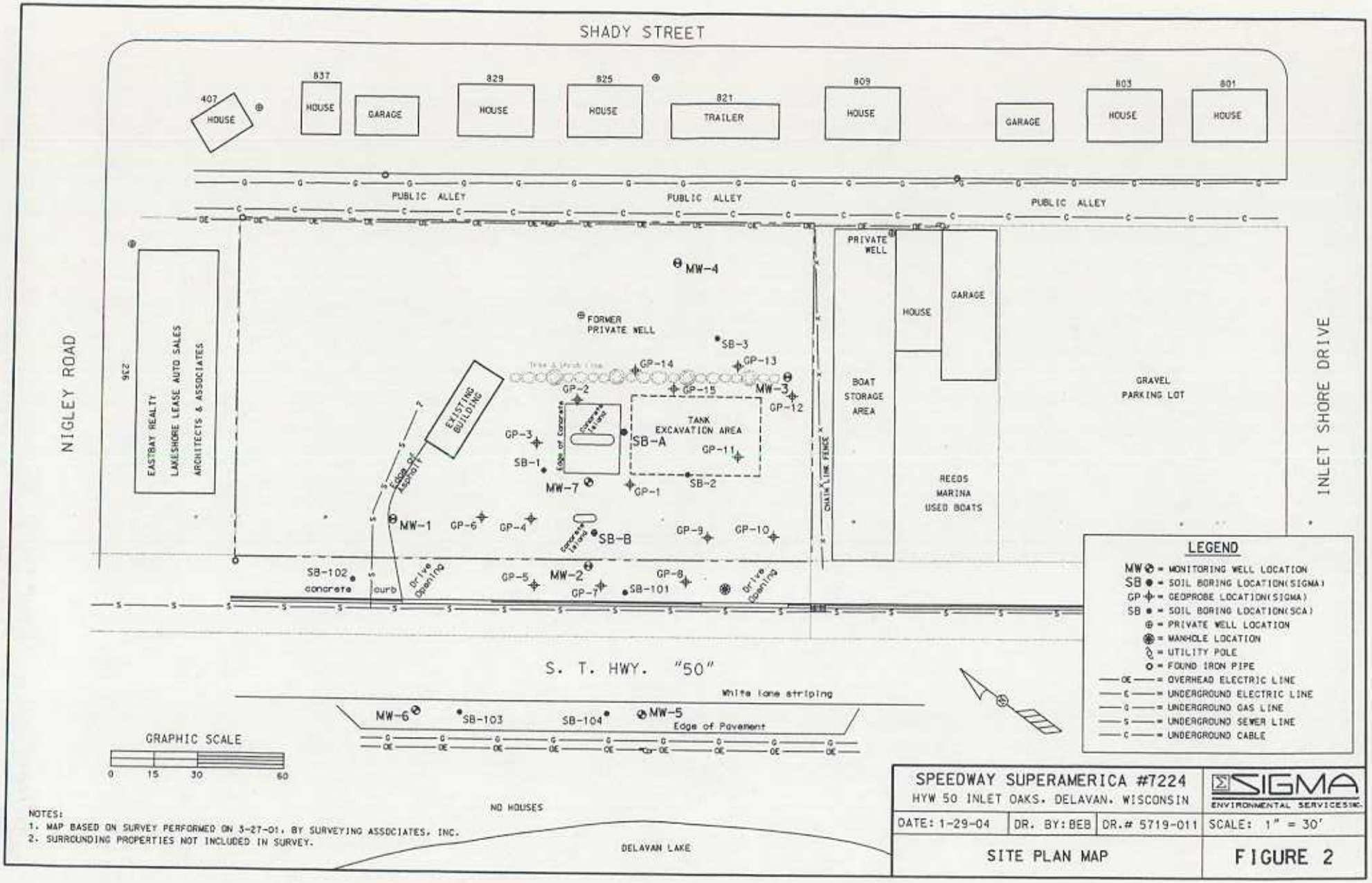
N

Figure 1. Site Location Map
Speedway SuperAmerica Store #7224
222 Highway 50, Delavan, Wisconsin

SIGMA
ENVIRONMENTAL SERVICES INC.

5719fig1.ppt


116.00'
Lot 13, Block 2
Lot 12, Block 2
Lot 11, Block 2
Lot 10, Block 2
Lot 9, Block 2
N17°00'00"W
200.00'
PUBLIC ALLEY
S37°00'00"E
200.00'
S. T. HWY. "50"
Edge of Pavement
Edge of Asphalt
Concrete Curb
Drive Opening
EXISTING BUILDING
Concrete Island
Edge of Concrete
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
SB-A
SB-B
CHAIN LINK FENCE
176.50'
LEGEND
= SOIL BORING LOCATION
= MONITORING WELL LOCATION
= MANHOLE LOCATION
= UTILITY POLE
= FOUND IRON PIPE
= OVERHEAD ELECTRIC LINE
= UNDERGROUND ELECTRIC LINE
= UNDERGROUND GAS LINE
= UNDERGROUND SEWER LINE
0 15 30 60
NOTE:
MAP BASED ON SURVEY PERFORMED ON 3-27-01,
BY SURVEYING ASSOCIATES, INC.
SPEEDWAY SUPERAMERICA #7224
HYW 50 INLET OAKS, DELAVAN, WISCONSIN
SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 11-12-01
DR. BY: TMM
DR.# 5719-007
SCALE: 1" = 30'
SITE PLAN MAP
FIGURE 1



NOTES:
1. MAP BASED ON SURVEY PERFORMED ON 3-27-01, BY SURVEYING ASSOCIATES, INC.
2. SURROUNDING PROPERTIES NOT INCLUDED IN SURVEY.

SPEEDWAY SUPERAMERICA #7224 HYW 50 INLET OAKS, DELAVAN, WISCONSIN			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 1-29-04	DR. BY: BEB	DR.# 5719-011	SCALE: 1" = 30'
SITE PLAN MAP			FIGURE 2

Table 3
Groundwater Analytical Quality Results - PVOCs & Detected VOCs
Speedway SuperAmerica #7224, Delavan, Wisconsin
Project No. 5719

Well ID:		MW-1							NR 140	NR 140
Date:		03/30/1992	07/17/1996	05/03/2000	11/01/2000	05/14/2001	09/26/2001	11/07/2001	ES	PAL
Parameter	Units									
GRO	mg/L	0.3	<0.1	NA	NA	NA	NA	NA	NS	NS
DRO	mg/L	0.6	NA	NA	NA	NA	NA	NA	NS	NS
Cadmium	mg/L	0.0006	NA	NA	NA	NA	NA	NA	0.005	0.0005
Lead	µg/L	**39**	<2.0	NA	NA	NA	NA	NA	15	1.5
Petroleum Volatile Organic Compounds (Detected)										
Benzene	µg/L	<1.0	<0.80	<0.27	<0.29	<0.29	<0.46	NA	5	0.5
1,2-Dichloroethane	µg/L	NA	NA	<0.37	<0.21	<0.21	<0.47	NA	5	0.5
Ethylbenzene	µg/L	11	<1.8	<0.32	<0.57	<0.57	<0.43	NA	700	140
Methyl-tert-butyl ether	µg/L	**26**	<1.6	<0.32	<0.20	<0.20	<0.67	NA	60	12
Toluene	µg/L	<1.0	<1.4	<0.27	<1.1	<0.13	<0.47	NA	1,000	200
1,3,5-Trimethylbenzene	µg/L	<1.0	<1.8	<0.27	<0.29	<0.29	<0.52	NA	NS	NS
1,2,4-Trimethylbenzene	µg/L	<1.0	<1.9	<0.22	<0.34	<0.34	<0.51	NA	NS	NS
Total Trimethylbenzene	µg/L	<2.0	<3.7	<0.49	<0.63	<0.63	<1.03	NA	480	96
Xylenes, Total	µg/L	64	<5.6	<0.67	<0.63	<0.63	<1.94	NA	10,000	1,000
Volatile Organic Compounds (Detected)										
Naphthalene	µg/L	6.8	NA	NA	NA	NA	NA	NA	40	8
Chlorobenzene	µg/L	<2.5	NA	NA	NA	NA	NA	NA	NS	NS
Isopropyl benzene	µg/L	<0.50	NA	NA	NA	NA	NA	NA	NS	NS
n-Propylbenzene	µg/L	<0.10	NA	NA	NA	NA	NA	NA	NS	NS
sec-Butylbenzene	µg/L	<0.20	NA	NA	NA	NA	NA	NA	NS	NS
n-Butylbenzene	µg/L	<0.20	NA	NA	NA	NA	NA	NA	NS	NS
Polynuclear Aromatic Hydrocarbons										
Naphthalene	µg/L	<1.8	NA	NA	NA	NA	NA	NA	40	8
Acenaphthylene	µg/L	<2.3	NA	NA	NA	NA	NA	NA	NS	NS
Acenaphthene/Fluorene	µg/L	<1.8	NA	NA	NA	NA	NA	NA	NS	NS
Phenanthrene	µg/L	<0.64	NA	NA	NA	NA	NA	NA	NS	NS
Anthracene	µg/L	<0.66	NA	NA	NA	NA	NA	NA	3,000	600
Fluoranthene	µg/L	<0.21	NA	NA	NA	NA	NA	NA	400	80
Pyrene	µg/L	<0.27	NA	NA	NA	NA	NA	NA	250	50
Chrysene	µg/L	<0.15	NA	NA	NA	NA	NA	NA	0.2	0.02
Benzo(a)anthracene	µg/L	<0.013	NA	NA	NA	NA	NA	NA	NS	NS
Benzo(b)fluoranthene	µg/L	0.018	NA	NA	NA	NA	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/L	<0.017	NA	NA	NA	NA	NA	NA	NS	NS
Benzo(a)pyrene	µg/L	**0.03**	NA	NA	NA	NA	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/L	<0.033	NA	NA	NA	NA	NA	NA	NS	NS
Benzo(ghi)perylene	µg/L	<0.076	NA	NA	NA	NA	NA	NA	NS	NS
Indeno(1,2,3-cd)pyrene	µg/L	<0.043	NA	NA	NA	NA	NA	NA	NS	NS

Notes:

Groundwater sample from 3/92 collected by ASI Environmental Technologies
Groundwater samples from 7/96 collected by SCA, Inc.
Groundwater samples from 5/00 collected by Sigma Environmental Services, Inc.
µg/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
NA = Not Analyzed
NS = No Standard Established
Bold = Exceeds NR140 ES Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
Bold = Exceeds NR140 PAL Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit

Table 3
Groundwater Analytical Quality Results - PVOCs & Detected VOCs
Speedway SuperAmerica #7224, Delavan, Wisconsin
Project No. 5719

Well ID:		MW-2												NR 140	NR 140
Date:		03/30/1992	07/17/1996	7/96 Dup.	05/03/2000	5/00 Dup.	11/01/2000	05/14/2001	5/01 Dup.	09/26/2001	11/07/2001	06/11/2003	08/27/2003	ES	PAL
Parameter	Units														
GRO	mg/L	9.2	16	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
DRO	mg/L	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Cadmium	mg/L	**0.0017**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005	0.0005
Lead	µg/L	**13**	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	1.5
Petroleum Volatile Organic Compounds (Detected)															
Benzene	µg/L	**2,100**	**3,800**	**3,800**	**2,000**	**2,100**	**3,000**	**2,500**	**2,800**	**2,000**	**2,400**	**330**	**200**	5	0.5
1,2-Dichloroethane	µg/L	NA	NA	NA	<7.4	NA	<5.2	<4.2	NA	<9.4	<12	NA	NA	5	0.5
Ethylbenzene	µg/L	**600**	**920**	**1,000**	**890**	**880**	130	**320**	**320**	**770**	**230**	38	45	700	140
Methyl-tert-butyl ether	µg/L	**440**	<78	**32**	<6.4	<4.4	11	<4.0	<11	<13	<17	2.1	1.6	60	12
Toluene	µg/L	**330**	160	170	**480**	**480**	<28	140	130	**280**	38	7.1	1.3	1,000	200
1,3,5-Trimethylbenzene	µg/L	110	<92	65	200	220	14	13	<23	130	45	4.6	1.0	NS	NS
1,2,4-Trimethylbenzene	µg/L	360	130	180	920	890	77	58	75	650	250	21	14.0	NS	NS
Total Trimethylbenzene	µg/L	**470**	**130**	**245**	**1,120**	**1,110**	91	71	75	**780**	**295**	25.6	15.0	480	96
Xylenes, Total	µg/L	**3,000**	**4,010**	**4,020**	**4,170**	**3,940**	361	691	637	**3,380**	637	79.9	31.7	10,000	1,000
Volatile Organic Compounds (Detected)															
Naphthalene	µg/L	**160**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40	8
Chlorobenzene	µg/L	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Isopropyl benzene	µg/L	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
n-Propylbenzene	µg/L	67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
sec-Butylbenzene	µg/L	5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
n-Butylbenzene	µg/L	67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Polynuclear Aromatic Hydrocarbons															
Naphthalene	µg/L	**60**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40	8
Acenaphthylene	µg/L	57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Acenaphthene/Fluorene	µg/L	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Phenanthrene	µg/L	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Anthracene	µg/L	<0.66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,000	600
Fluoranthene	µg/L	<0.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	400	80
Pyrene	µg/L	<0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	250	50
Chrysene	µg/L	<0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	0.02
Benzo(a)anthracene	µg/L	0.07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzo(b)fluoranthene	µg/L	**0.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/L	<0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzo(a)pyrene	µg/L	<0.023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/L	<0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzo(ghi)perylene	µg/L	<0.076	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Indeno(1,2,3-cd)pyrene	µg/L	<0.043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS

Notes:

Groundwater sample from 3/92 collected by ASI Environmental Technologies
Groundwater samples from 7/96 collected by SCA, Inc.
Groundwater samples from 5/00 collected by Sigma Environmental Services, Inc.
µg/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
NA = Not Analyzed
NS = No Standard Established
Bold = Exceeds NR140 ES Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
Bold = Exceeds NR140 PAL Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit

Table 3
Groundwater Analytical Quality Results - PVOCs & Detected VOCs
Speedway SuperAmerica #7224, Delavan, Wisconsin
Project No. 5719

Well ID:		MW-3								NR 140	NR 140
Date:		03/30/1992	07/17/1996	05/03/2000	11/01/2000	11/00 Dup.	05/14/2001	09/26/2001	11/07/2001	ES	PAL
Parameter	Units										
GRO	mg/L	0.42	<0.1	NA	NA	NA	NA	NA	NA	NS	NS
DRO	mg/L	2.2	NA	NA	NA	NA	NA	NA	NA	NS	NS
Cadmium	mg/L	0.0004	NA	NA	NA	NA	NA	NA	NA	0.005	0.0005
Lead	µg/L	**2**	<2.0	NA	NA	NA	NA	NA	NA	15	1.5
Petroleum Volatile Organic Compounds (Detected)											
Benzene	µg/L	**8.6**	<0.80	<0.27	<0.29	<0.35	<0.29	<0.48	NA	5	0.5
1,2-Dichloroethane	µg/L	NA	NA	<0.37	<0.21	NA	<0.21	<0.47	NA	5	0.5
Ethylbenzene	µg/L	46	<1.8	0.5	<0.57	<0.37	<0.57	<0.43	NA	700	140
Methyl-tert-butyl ether	µg/L	1.2	<1.6	<0.32	<0.20	<0.36	<0.20	<0.67	NA	60	12
Toluene	µg/L	<1.0	<1.4	<0.27	<1.1	<0.38	<0.13	<0.47	NA	1,000	200
1,3,5-Trimethylbenzene	µg/L	2.8	<1.8	<0.27	<0.29	<0.37	<0.29	<0.52	NA	NS	NS
1,2,4-Trimethylbenzene	µg/L	6.8	<1.9	1.2	<0.34	<0.37	<0.34	<0.51	NA	NS	NS
Total Trimethylbenzene	µg/L	9.6	<3.7	1.2	<0.63	<0.74	<0.63	<1.03	NA	480	96
Xylenes, Total	µg/L	170	<5.6	<0.67	<0.63	<1.14	<0.63	<1.94	NA	10,000	1,000
Volatile Organic Compounds (Detected)											
Naphthalene	µg/L	<0.60	NA	NA	NA	NA	NA	NA	NA	40	8
Chlorobenzene	µg/L	<2.5	NA	NA	NA	NA	NA	NA	NA	NS	NS
Isopropyl benzene	µg/L	5.0	NA	NA	NA	NA	NA	NA	NA	NS	NS
n-Propylbenzene	µg/L	9.6	NA	NA	NA	NA	NA	NA	NA	NS	NS
sec-Butylbenzene	µg/L	2.1	NA	NA	NA	NA	NA	NA	NA	NS	NS
n-Butylbenzene	µg/L	40	NA	NA	NA	NA	NA	NA	NA	NS	NS
Polynuclear Aromatic Hydrocarbons											
Naphthalene	µg/L	<1.8	NA	NA	NA	NA	NA	NA	NA	40	8
Acenaphthylene	µg/L	<2.3	NA	NA	NA	NA	NA	NA	NA	NS	NS
Acenaphthene/Fluorene	µg/L	<1.8	NA	NA	NA	NA	NA	NA	NA	NS	NS
Phenanthrene	µg/L	5.4	NA	NA	NA	NA	NA	NA	NA	NS	NS
Anthracene	µg/L	<0.66	NA	NA	NA	NA	NA	NA	NA	3,000	600
Fluoranthene	µg/L	0.35	NA	NA	NA	NA	NA	NA	NA	400	80
Pyrene	µg/L	0.49	NA	NA	NA	NA	NA	NA	NA	250	50
Chrysene	µg/L	**0.44**	NA	NA	NA	NA	NA	NA	NA	0.2	0.02
Benzo(a)anthracene	µg/L	0.88	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzo(b)fluoranthene	µg/L	**0.64**	NA	NA	NA	NA	NA	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/L	0.69	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzo(a)pyrene	µg/L	**0.58**	NA	NA	NA	NA	NA	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/L	0.4	NA	NA	NA	NA	NA	NA	NA	NS	NS
Benzo(ghi)perylene	µg/L	<0.076	NA	NA	NA	NA	NA	NA	NA	NS	NS
Indeno(1,2,3-cd)pyrene	µg/L	0.55	NA	NA	NA	NA	NA	NA	NA	NS	NS

Notes:

Groundwater sample from 3/92 collected by ASI Environmental Technologies
Groundwater samples from 7/96 collected by SCA, Inc.
Groundwater samples from 5/00 collected by Sigma Environmental Services, Inc.
µg/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
NA = Not Analyzed
NS = No Standard Established
Bold = Exceeds NR140 ES Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
Bold = Exceeds NR140 PAL Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit

Table 3
Groundwater Analytical Quality Results - PVOCs & Detected VOCs
Speedway SuperAmerica #7224, Delavan, Wisconsin
Project No. 5719

Well ID:		MW-4							NR 140	NR 140
Date:		03/30/1992	07/17/1996	05/03/2000	11/01/2000	05/14/2001	09/26/2001	11/07/2001	ES	PAL
Parameter	Units									
GRO	mg/L	<0.1	<0.1	NA	NA	NA	NA	NA	NS	NS
DRO	mg/L	0.6	NA	NA	NA	NA	NA	NA	NS	NS
Cadmium	mg/L	0.0004	NA	NA	NA	NA	NA	NA	0.005	0.0005
Lead	µg/L	**3**	<2.0	NA	NA	NA	NA	NA	15	1.5
Petroleum Volatile Organic Compounds (Detected)										
Benzene	µg/L	**1.6**	**0.99**	<0.27	<0.29	<0.29	<0.48	NA	5	0.5
1,2-Dichloroethane	µg/L	NA	NA	<0.37	<0.21	<0.21	<0.47	NA	5	0.5
Ethylbenzene	µg/L	3.9	<1.8	<0.32	<0.57	<0.57	<0.43	NA	700	140
Methyl-tert-butyl ether	µg/L	<8.0	<1.6	<0.32	<0.20	<0.20	<0.67	NA	60	12
Toluene	µg/L	<1.0	<1.4	0.27	<1.1	<0.13	<0.47	NA	1,000	200
1,3,5-Trimethylbenzene	µg/L	<1.0	<1.8	<0.27	<0.29	<0.29	<0.52	NA	NS	NS
1,2,4-Trimethylbenzene	µg/L	<1.0	<1.9	<0.22	<0.34	<0.34	<0.51	NA	NS	NS
Total Trimethylbenzene	µg/L	<2.0	<3.7	<0.49	<0.63	<0.63	<1.03	NA	480	96
Xylenes, Total	µg/L	21	<5.6	<0.67	<0.63	<0.63	<1.94	NA	10,000	1,000
Volatile Organic Compounds (Detected)										
Naphthalene	µg/L	<0.60	NA	NA	NA	NA	NA	NA	40	8
Chlorobenzene	µg/L	<2.5	NA	NA	NA	NA	NA	NA	NS	NS
Isopropyl benzene	µg/L	<0.50	NA	NA	NA	NA	NA	NA	NS	NS
n-Propylbenzene	µg/L	<0.10	NA	NA	NA	NA	NA	NA	NS	NS
sec-Butylbenzene	µg/L	<0.20	NA	NA	NA	NA	NA	NA	NS	NS
n-Butylbenzene	µg/L	<0.20	NA	NA	NA	NA	NA	NA	NS	NS
Polynuclear Aromatic Hydrocarbons										
Naphthalene	µg/L	<1.8	NA	NA	NA	NA	NA	NA	40	8
Acenaphthylene	µg/L	<2.3	NA	NA	NA	NA	NA	NA	NS	NS
Acenaphthene/Fluorene	µg/L	<1.8	NA	NA	NA	NA	NA	NA	NS	NS
Phenanthrene	µg/L	<0.64	NA	NA	NA	NA	NA	NA	NS	NS
Anthracene	µg/L	<0.66	NA	NA	NA	NA	NA	NA	3,000	600
Fluoranthene	µg/L	<0.21	NA	NA	NA	NA	NA	NA	400	80
Pyrene	µg/L	<0.27	NA	NA	NA	NA	NA	NA	250	50
Chrysene	µg/L	<0.15	NA	NA	NA	NA	NA	NA	0.2	0.02
Benzo(a)anthracene	µg/L	<0.013	NA	NA	NA	NA	NA	NA	NS	NS
Benzo(b)fluoranthene	µg/L	<0.018	NA	NA	NA	NA	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/L	0.02	NA	NA	NA	NA	NA	NA	NS	NS
Benzo(a)pyrene	µg/L	**0.061**	NA	NA	NA	NA	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/L	<0.033	NA	NA	NA	NA	NA	NA	NS	NS
Benzo(ghi)perylene	µg/L	<0.076	NA	NA	NA	NA	NA	NA	NS	NS
Indeno(1,2,3-cd)pyrene	µg/L	<0.043	NA	NA	NA	NA	NA	NA	NS	NS

Notes:

Groundwater sample from 3/92 collected by ASI Environmental Technologies
Groundwater samples from 7/96 collected by SCA, Inc.
Groundwater samples from 5/00 collected by Sigma Environmental Services, Inc.
µg/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
NA = Not Analyzed
NS = No Standard Established
Bold = Exceeds NR140 ES Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
Bold = Exceeds NR140 PAL Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit

Table 3
Groundwater Analytical Quality Results - PVOCs & Detected VOCs
Speedway SuperAmerica #7224, Delavan, Wisconsin
Project No. 5719

Well ID:		MW-5						MW-6					MW-7		NR 140	NR 140
Date:		11/01/2000	05/14/2001	09/26/2001	11/07/2001	06/11/2003	08/27/2003	11/01/2000	09/26/2001	11/07/2001	06/11/2003	08/27/2003	06/11/2003	08/27/2003	ES	PAL
Parameter	Units															
GRO	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
DRO	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005	0.0005
Lead	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	1.5
Petroleum Volatile Organic Compounds (Detected)																
Benzene	µg/L	**34**	**0.49**	**4.2**	**35**	0.46	<0.30	<0.29	<0.48	<0.48	<0.30	<0.30	**3200**	**640**	5	0.5
1,2-Dichloroethane	µg/L	<0.21	<0.21	<0.47	<0.47	NA	NA	<0.21	<0.47	<0.47	NA	NA	<18	NA	5	0.5
Ethylbenzene	µg/L	<0.57	<0.57	3.0	3.9	<0.60	<0.60	<0.57	<0.43	<0.43	<0.60	<0.60	**2900**	**790**	700	140
Methyl-tert-butyl ether	µg/L	3.4	0.36	<0.67	<0.67	0.62	<0.58	<0.20	<0.67	<0.67	<0.58	<0.58	<30	<5.8	60	12
Toluene	µg/L	1.1	<0.13	2.7	2.4	0.68	<0.58	0.51	<0.47	<0.47	<0.58	<0.58	**6,000**	**740**	1,000	200
1,3,5-Trimethylbenzene	µg/L	<0.29	<0.29	<0.52	0.82	<0.52	<0.52	<0.29	<0.52	<0.52	<0.52	<0.52	350	240	NS	NS
1,2,4-Trimethylbenzene	µg/L	<0.34	<0.34	<0.51	<0.51	<0.66	<0.66	<0.34	<0.51	<0.51	<0.66	<0.66	1400	840	NS	NS
Total Trimethylbenzene	µg/L	<0.63	<0.63	<1.03	0.82	<1.18	<1.18	<0.63	<1.03	<1.03	<1.18	<1.18	**1,750**	**1,080**	480	96
Xylenes, Total	µg/L	<0.63	<0.63	8.5	7.3	<1.84	<1.84	0.36	<1.94	<1.94	<1.84	<1.84	**10,100**	**2,950**	10,000	1,000
Volatile Organic Compounds (Detected)																
Naphthalene	µg/L	<0.27	NA	NA	NA	NA	NA	<0.27	NA	NA	NA	NA	**900**	**NA**	40	8
Chlorobenzene	µg/L	<0.19	NA	NA	NA	NA	NA	<0.19	NA	NA	NA	NA	<20	NA	NS	NS
Isopropyl benzene	µg/L	<0.19	NA	NA	NA	NA	NA	<0.19	NA	NA	NA	NA	97	NA	NS	NS
n-Propylbenzene	µg/L	<0.17	NA	NA	NA	NA	NA	<0.17	NA	NA	NA	NA	320	NA	NS	NS
sec-Butylbenzene	µg/L	<0.20	NA	NA	NA	NA	NA	<0.20	NA	NA	NA	NA	<44	NA	NS	NS
n-Butylbenzene	µg/L	<0.28	NA	NA	NA	NA	NA	<0.28	NA	NA	NA	NA	<46	NA	NS	NS
Polynuclear Aromatic Hydrocarbons																
Naphthalene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**330**	**NA**	40	8
Acenaphthylene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8	NA	NS	NS
Acenaphthene/Fluorene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.9	NA	NS	NS
Phenanthrene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.6	NA	NS	NS
Anthracene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.0	NA	3,000	600
Fluoranthene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.3	NA	400	80
Pyrene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.7	NA	250	50
Chrysene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.4	NA	0.2	0.02
Benzo(a)anthracene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.2	NA	NS	NS
Benzo(b)fluoranthene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.4	NA	0.2	0.02
Benzo(k)fluoranthene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.9	NA	NS	NS
Benzo(a)pyrene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.4	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.6	NA	NS	NS
Benzo(ghi)perylene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.6	NA	NS	NS
Indeno(1,2,3-cd)pyrene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.1	NA	NS	NS

Notes:

Groundwater sample from 3/92 collected by ASI Environmental Technologies
Groundwater samples from 7/96 collected by SCA, Inc.
Groundwater samples from 5/00 collected by Sigma Environmental Services, Inc.

µg/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
NA = Not Analyzed
NS = No Standard Established
Bold = Exceeds NR140 ES Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
Bold = Exceeds NR140 PAL Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit

Table 1
Soil Analytical Results
Phase I Site Investigation
Samples Collected on March 24 and 25, 1992

Parameters	SB-1 5'	SB-1 10'	SB-2 3'	SB-2 8'	SB-3 8'	Generic Residual Contaminant Level
Metals (mg/kg)						
Lead (Total)	10	10	10	(10)	(10)	N/A
PVOCs (ug/kg)						
1,2,4-Trimethylbenzene	(1.0)	3.3	1.8	5,600	4,500	N/A
1,3,5-Trimethylbenzene	(1.0)	2.5	2.0	2,000	1,300	N/A
Benzene	**14**	(1.0)	**10**	**300**	**32**	5.5
Ethylbenzene	1.7	1.9	1.9	1,200	880	2,900
Methyl Tertiary Butyl Ether (MTBE)	(8.0)	(8.0)	(8.0)	200	(40.0)	N/A
Xylenes	4.1	7.0	13	**4,800**	**3,500**	4,100 (Total)
Toluene	(1.0)	(1.0)	(1.0)	260	33	1,500
LUST (mg/kg)						
Gasoline Range Organics (GRO)	39	44	19	18	**210**	100
Diesel Range Organics (DRO)	(3.3)	(3.3)	(3.3)	(3.3)	8.1	100
PAH (ug/kg)						
Naphthalene	(60)	(300)	(60)	(60)	350	N/A
Acenaphthylene	(60)	(300)	(60)	(60)	(60)	N/A
Acenaphthene/Flourene	(60)	(300)	(60)	(60)	(60)	N/A
Phenanthrene	(21)	(105)	(21)	(21)	(21)	N/A
Anthracene	(22)	(110)	(22)	(22)	(22)	N/A
Flouranthene	(7.0)	430	200	(7.0)	(7.0)	N/A
Pyrene	(9.0)	(63)	210	(9.0)	(9.0)	N/A
Chrysene	0.89	540	270	(0.5)	0.75	N/A
Benzo (a) anthracene	(0.4)	240	100	0.5	(0.4)	N/A
Benzo (b) fluoranthene	(0.6)	81	31	(0.6)	1.0	N/A
Benzo (k) fluoranthene	(0.6)	1,800	700	12	5.9	N/A
Benzo (a) pyrene	(0.8)	2,500	970	10	3.8	N/A
Dibenzo (a,h) anthracene	(1.0)	(5.0)	(1.0)	(1.0)	(1.0)	N/A
Benzo (g,h,i) perylene	(3.0)	(15.0)	(3.0)	(3.0)	(3.0)	N/A
Indeno (1,2,3-cd) pyrene	5.0	120	41	(1.0)	(1.0)	N/A

Notes: N/A denotes information not available
Shading denotes non-detectable concentration (detection limit).

Table 1
Soil Analytical Results
Phase I Site Investigation
Samples Collected on March 24 and 25, 1992

Parameters	MW-1 10'	MW-2 5'	MW-2 10'	MW-3 5'	MW-3 10'	MW-4 10'	Generic Residual Contaminant Level
Metals (mg/kg)							
Lead (Total)	10	(10)	(10)	10	(10)	(10)	N/A
PVOCs (ug/kg)							
1,2,4-Trimethylbenzene	(1.0)	58,000	2,300	2,100	110	(1.0)	N/A
1,3,5-Trimethylbenzene	(1.0)	18,000	760	620	44	(1.0)	N/A
Benzene	(1.0)	**1,500**	**38**	**39**	**17**	(1.0)	5.5
Ethylbenzene	(1.0)	**18,000**	110	270	40	(1.0)	2,900
Methyl Tertiary Butyl Ether (MTBE)	(8.0)	310	11	13	15	(8.0)	N/A
Xylenes	3.2	**90,000**	2,100	820	130	(1.0)	4,100 (Total)
Toluene	(1.0)	920	11	51	10	(1.0)	1,500
LUST (mg/kg)							
Gasoline Range Organics (GRO)	(5.0)	**2,400**	16	**420**	33	29	100
Diesel Range Organics (DRO)	(3.3)	29.7	15.1	(3.3)	(3.3)	(3.3)	100
PAH (ug/kg)							
Naphthalene	64	270	97	72	93	(60)	N/A
Acenaphthylene	(60)	400	(60)	(60)	(60)	(60)	N/A
Acenaphthene/Flourene	(60)	(120)	(60)	(60)	(60)	(60)	N/A
Phenanthrene	80	(42)	(21)	(21)	(21)	(21)	N/A
Anthracene	(22)	(44)	(22)	(22)	(22)	(22)	N/A
Flouranthene	34	(14)	(7.0)	(7.0)	(7.0)	(7.0)	N/A
Pyrene	46	(18)	(9.0)	(9.0)	(9.0)	(9.0)	N/A
Chrysene	39	(1.0)	(0.5)	(0.5)	1.0	(0.5)	N/A
Benzo (a) anthracene	1.5	1.2	(0.4)	(0.4)	(0.4)	(0.4)	N/A
Benzo (b) fluoranthene	14	4.8	0.79	0.65	(0.6)	(0.6)	N/A
Benzo (k) fluoranthene	11	3.3	(0.6)	0.65	(0.6)	(0.6)	N/A
Benzo (a) pyrene	1.8	(1.6)	(0.8)	(0.8)	(0.8)	(0.8)	N/A
Dibenzo (a,h) anthracene	(1.0)	2.6	(1.0)	(1.0)	1.9	(1.0)	N/A
Benzo (g,h,i) perylene	(3.0)	(6.0)	(3.0)	(3.0)	(3.0)	(3.0)	N/A
Indeno (1,2,3-cd) pyrene	8.8	2.2	(1.0)	(1.0)	(1.0)	(1.0)	N/A

Notes: N/A denotes information not available
Shading denotes non-detectable concentration (detection limit).

Table 2
Soil Analytical Results
Phase II Site Investigation
Samples Collected on May 8, 1997

Parameters	SB-101 3'-5'	SB-101* 7'-9'	SB-102 3'-5'	SB-102* 5'-8'	SB-103 4'-6'	SB-103* 6'-8'	SB-104 2'-4'	SB-104* 6'-8'	Generic Residual Contaminant Level
Metals (mg/kg)									
Lead (Total)	14	NA	(3.3)	(3.6)	49	(3.6)	49	(3.8)	N/A
PVOCs (ug/kg)									
1,2,4-Trimethylbenzene	(25)	33	(25)	(25)	(25)	(25)	(25)	(25)	N/A
1,3,5-Trimethylbenzene	(25)	30	(25)	(25)	(25)	(25)	(25)	(25)	N/A
Benzene	(25)	**54**	(25)	(25)	(25)	(25)	(25)	(25)	5.5
Ethylbenzene	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	2,900
Methyl Tertiary Butyl Ether (MTBE)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	N/A
o-Xylene	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	4,100 (Total)
p,m-xylenes	(25)	**44**	(25)	(25)	(25)	(25)	(25)	(25)	4,100 (Total)
Toluene	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	1,500
LUST (mg/kg)									
Gasoline Range Organics (GRO)	(3.1)	(2.5)	(3.1)	(2.9)	(3.2)	(3.2)	(3.2)	(3.0)	100

Notes: N/A denotes information not available
Shading denotes non-detectable concentration (detection limit).
*Saturated soil sample

Table 2
Geoprobe - Soil Quality Results
Speedway SuperAmerica # 7224, Delavan, Wisconsin
Project No. 8358

Analyte	Units	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	GP-10	GP-11	GP-12	GP-13	GP-14	GP-15	NR 720 RCL	COMM 46 Table 1	COMM 46 Table 2
Depth (feet bgs)	feet bgs	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4			
PID	iui	0.0	3.1	1.0	24.2	2.1	5.0	6.0	4.0	52.7	7.2	0.0	1.1	2.0	1.8	1.1			
PVOCs																			
Benzene	µg/kg	<25	<25	<25	<25	<25	<25	**31**	<25	<200	<25	<25	<25	<25	<25	<25	5.5	8,500	1,100
Ethylbenzene	µg/kg	40	<25	<25	<25	<25	<25	<25	<25	1200	<25	<25	<25	<25	<25	<25	2,900	4,600	NS
Methyl-tert-Butyl-Ether	µg/kg	<25	<25	<25	<25	<25	<25	<25	<25	<200	<25	<25	<25	<25	<25	<25	NS	NS	NS
Toluene	µg/kg	<25	<25	<25	<25	<25	<25	<25	<25	<200	<25	<25	<25	<25	<25	<25	1,500	38,000	NS
Xylenes	µg/kg	102	<75	<75	<75	<75	<75	<75	<75	2300	<75	<75	<75	<75	<75	<75	4,100	42,000	NS
1,2,4-Trimethylbenzene	µg/kg	45	<25	<25	<25	<25	<25	<25	<25	11,000	<25	<25	<25	<25	<25	<25	NS	83,000	NS
1,3,5-Trimethylbenzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	<25	4,200	<25	<25	<25	<25	<25	<25	NS	11,000	NS
																	Suggested Generic RCLs		
PAHs																	Groundwater Pathway	Direct Contact Non-Industrial Pathway	
Acenaphthene	µg/kg	<12	NA	NA	<13	NA	NA	<13	NA	NA	1,300	NA	NA	<14	NA	NA	38,000	900,000	
Acenaphthylene	µg/kg	<20	NA	NA	<22	NA	NA	<21	NA	NA	<520	NA	NA	<22	NA	NA	700	18,000	
Anthracene	µg/kg	<12	NA	NA	24	NA	NA	<13	NA	NA	3,100	NA	NA	<14	NA	NA	3,000,000	5,000,000	
Benzo(a)anthracene	µg/kg	39	NA	NA	**110**	NA	NA	9	NA	NA	**8,900**	NA	NA	<7.4	NA	NA	17,000	88	
Benzo(a)pyrene	µg/kg	**57**	NA	NA	**130**	NA	NA	**12**	NA	NA	**9,700**	NA	NA	<7.4	NA	NA	48,000	8.8	
Benzo(b)fluoranthene	µg/kg	51	NA	NA	**150**	NA	NA	16	NA	NA	**8,500**	NA	NA	<8.0	NA	NA	360,000	88	
Benzo(ghi)perylene	µg/kg	35	NA	NA	92	NA	NA	<14	NA	NA	**5,300**	NA	NA	<15	NA	NA	6,800,000	1,800	
Benzo(k)fluoranthene	µg/kg	52	NA	NA	110	NA	NA	12	NA	NA	**7,500**	NA	NA	<11	NA	NA	870,000	880	
Chrysene	µg/kg	57	NA	NA	140	NA	NA	12	NA	NA	**10,000**	NA	NA	<8.5	NA	NA	37,000	8,800	
Dibenzo(a,h)anthracene	µg/kg	**12**	NA	NA	**26**	NA	NA	<8.8	NA	NA	**1,900**	NA	NA	<9.1	NA	NA	38,000	8.8	
Fluoranthene	µg/kg	92	NA	NA	280	NA	NA	15	NA	NA	24,000	NA	NA	<9.8	NA	NA	500,000	600,000	
Fluorene	µg/kg	<6.7	NA	NA	<7.3	NA	NA	<7.1	NA	NA	1,100	NA	NA	<7.4	NA	NA	100,000	600,000	
Indeno(1,2,3-cd)pyrene	µg/kg	35	NA	NA	80	NA	NA	<13	NA	NA	**4,900**	NA	NA	<14	NA	NA	680,000	88	
1-Methylnaphthalene	µg/kg	39	NA	NA	<8.5	NA	NA	<8.3	NA	NA	<200	NA	NA	<8.6	NA	NA	23,000	1,100,000	
2-Methylnaphthalene	µg/kg	69	NA	NA	<9.1	NA	NA	<8.9	NA	NA	<220	NA	NA	<9.2	NA	NA	20,000	600,000	
Naphthalene	µg/kg	21	NA	NA	<9.1	NA	NA	<8.9	NA	NA	<220	NA	NA	<9.2	NA	NA	400	20,000	
Phenanthrene	µg/kg	44	NA	NA	83	NA	NA	<9.5	NA	NA	**11,000**	NA	NA	<9.8	NA	NA	1,800	18,000	
Pyrene	µg/kg	81	NA	NA	220	NA	NA	<15	NA	NA	18,000	NA	NA	<16	NA	NA	8,700,000	500,000	

Key:
- PID = Photoionization detector
- NR 720 RCLs = Chapter NR 720 generic Residual Contamination Level for PVOCs. For PAHs, RCLs from WDNR publication RR-519-97, Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance, Table 1. PAHs RCLs are for the groundwater pathway exposure route and direct contact pathway non-industrial.
- Comm 46 Table 1 = Code Comm 46, Table 1: Indicators of Residual Petroleum Products in Soil Pores
- Comm 46, Table 2 = Code Comm 46, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil
- i.u.i. = Instrument units as isobutylene
- mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
- µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
- NS = No standard established
- NA = Not Analyzed
- **Bold** = Exceeds NR 720 RCLs, and exceeds Suggested Generic RCLs Groundwater Pathway
- value = Exceeds Comm 46 Table 1 and Table 2 Values
- **Bold** = Exceeds Suggested Generic RCLs Direct Contact Non-Industrial Pathway

Table 2
Soil Quality Results
Speedway SuperAmerica # 7224, Delavan, Wisconsin
Project No. 5719

Monitoring Well ID:		SB-A	SB-B	MW-5		MW-6		MW-7		RCL	Comm 46 Table 1	Comm 46 Table 2
Sample Depth (ft):		1 - 3	3 - 4	2 - 4	4 - 6	2 - 4	4 - 6	0-3	5-7			
Date		10/18/00	10/18/00	10/18/00	10/18/00	10/18/00	10/18/00	05/21/03	05/21/03			
Parameter	Units											
PID	i.u.i	17.2	1,258	5.9	2.6	5.2	5.1	32.4	40.3	NS	NS	NS
GRO	mg/kg	10	**1,800**	5.4	4.7	4.9	4.8	NA	NA	100	NS	NS
DRO	mg/kg	16	**550**	**110**	<4.5	12	<4.5	NA	NA	100	NS	NS
PVOCs/VOCs												
Benzene	µg/kg	<25	**2,100**	<25	<25	<25	<25	**1,900**	**520**	5.5	8,500	1,100
1,2-Dichloroethane	µg/kg	<25	<1000	<25	<25	<25	<25	<620	<25	4.9	600	540
Ethylbenzene	µg/kg	<25	**43,000**	<25	<25	<25	<25	**50,000**	1,300	2,900	4,600	NS
Methyl-t-butyl-ether	µg/kg	<25	<1000	<25	<25	<25	<25	<620	<25	NS	NS	NS
Toluene	µg/kg	<25	**19,000**	<25	<25	<25	<25	**9,900**	86	1,500	38,000	NS
1,2,4-Trimethylbenzene	µg/kg	47	150,000	<25	<25	<25	<25	140,000	2,800	NS	83,000	NS
1,3,5-Trimethylbenzene	µg/kg	<25	42,000	<25	<25	<25	<25	43,000	1,300	NS	11,000	NS
Xylenes (Total)	µg/kg	<75	**237,000**	<75	<75	<75	<75	**274,000**	**5,510**	4,100	42,000	NS
Isopropylbenzene	µg/kg	NA	NA	NA	NA	NA	NA	4,800	220	NS	NS	NS
Naphthalene	µg/kg	NA	NA	NA	NA	NA	NA	25,000	110	NS	2,700	NS
n-Propylbenzene	µg/kg	NA	NA	NA	NA	NA	NA	22,000	710	NS	NS	NS
sec-Butylbenzene	µg/kg	NA	NA	NA	NA	NA	NA	2,500	83	NS	NS	NS
										Suggested Generic RCLs		
										Groundwater Pathway	Direct Contact Non-Industrial Pathway	
PAHs												
Acenaphthene	µg/kg	<16	<140	1,100	<18	<17	<18	<27	<25	38,000	900,000	
Acenaphthylene	µg/kg	<22	<190	<430	<24	<23	<24	<27	<25	700	18,000	
Anthracene	µg/kg	<13	<110	2,900	<14	<14	<14	<27	<25	3,000,000	5,000,000	
Benzo(a)anthracene	µg/kg	18	<140	**9,200**	<18	46	<18	<27	<25	17,000	88	
Benzo(a)pyrene	µg/kg	19	<160	**8,800**	<20	44	<20	<27	<25	48,000	8.8	
Benzo(b)fluoranthene	µg/kg	20	<130	**9,300**	<16	34	<17	<27	<25	360,000	88	
Benzo(ghi)perylene	µg/kg	<20	<170	**4,700**	<21	39	<22	<27	<25	6,800,000	1,800	
Benzo(k)fluoranthene	µg/kg	23	<130	**9,800**	<16	42	<17	<27	<25	870,000	880	
Chrysene	µg/kg	26	<140	**11,000**	<18	55	<18	<27	<25	37,000	8,800	
Dibenzo(a,h)anthracene	µg/kg	<19	<160	**1,600**	<20	<20	<20	<27	<25	38,000	8.8	
Fluoranthene	µg/kg	51	<150	30,000	<19	100	35	42	<25	500,000	600,000	
Fluorene	µg/kg	<12	<99	1,600	<13	<12	<13	<27	<25	100,000	600,000	
Indeno(1,2,3-cd)pyrene	µg/kg	19	<160	**6,200**	<20	44	<20	<27	<25	680,000	88	
1-Methylnaphthalene	µg/kg	<16	3,700	<320	<18	<17	<18	<27	2,700	23,000	1,100,000	
2-Methylnaphthalene	µg/kg	20	8,700	<300	<16	<16	<17	<27	5,400	20,000	600,000	
Naphthalene	µg/kg	83	**6,400**	**420**	<18	<17	<18	37	**3,800**	400	20,000	
Phenanthrene	µg/kg	28	<140	**15,000**	<18	43	41	<27	<25	1,800	18,000	
Pyrene	µg/kg	47	<130	19,000	<16	68	22	36	<25	8,700,000	500,000	

Notes:

PID = Photoionization detector
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
NR 720 RCLs = Chapter NR 720 generic Residual Contamination Level for PVOCs. For PAHs, RCLs from WDNR publication RR-519-97, Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance, Table 1. PAHs RCLs are for the groundwater pathway exposure route and direct contact pathway non-industrial.
Comm 46 Table 1 = Code Comm 46, Table 1: Indicators of Residual Petroleum Products in Soil Pores
Comm 46, Table 2 = Code Comm 46, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil
i.u.i. = Instrument units as isobutylene
mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
NS = No standard established
NA = Not Analyzed
Bold = Exceeds NR 720 RCLs, and exceeds Suggested Generic RCLs Groundwater Pathway
value = Exceeds Comm 46 Table 1 and Table 2 Values
Bold = Exceeds Suggested Generic RCLs Direct Contact Non-Industrial Pathway

Table 2
Excavation - Soil Quality Results
Speedway SuperAmerica # 7224, Delavan, Wisconsin
Project No. 8358

Monitoring Well ID:		E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11	E-12	E-13	E-14	T-1	T-2	T-3	RCL	Comm 46 Table 1	Comm 46 Table 2
Sample Depth (ft):		3-4'	3-4'	3-4'	3-4'	3-4'	3-4'	3-4'	3-4'	3-4'	3-4'	3-4'	3-4'	3-4'	3-4'	9-10'	9-10'	9-10'			
Date		11/10/03	11/10/03	11/10/03	11/10/03	11/10/03	11/10/03	11/10/03	11/10/03	11/10/03	11/10/03	11/10/03	11/10/03	11/10/03	11/10/03	11/10/03	11/10/03	11/10/03			
Parameter	Units																				
PID	i.u.i	1.1	2	2.1	1.8	0.9	2.0	2.3	1.0	0.9	2.7	6.4	0.9	1.8	2.1	2000	1986	2000	NS	NS	NS
GRO	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,100	1,700	3,100			
PVOCs																					
Benzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**710**	**730**	**1,400**	5.5	8,500	1,100
Ethylbenzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**12,000**	**17,000**	**32,000**	2,900	4,600	NS
Methyl-t-butyl-ether	µg/kg	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<310	<500	<1,000	NS	NS	NS
Toluene	µg/kg	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	820	1,100	**3,300**	1,500	38,000	NS
1,2,4-Trimethylbenzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	49,000	66,000	120,000	NS	83,000	NS
1,3,5-Trimethylbenzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	18,000	24,000	45,000	NS	11,000	NS
Xylenes (Total)	µg/kg	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	**55,600**	**74,000**	**158,000**	4,100	42,000	NS
																			Suggested Generic RCLs		
																			Groundwater Pathway	Direct Contact Non-Industrial Pathway	
PAHs																					
Acenaphthene	µg/kg	NA	<11	NA	<13	NA	NA	<11	NA	<12	NA	<11	NA	45	NA	NA	NA	NA	38,000	900,000	
Acenaphthylene	µg/kg	NA	<18	NA	<21	NA	NA	<18	NA	<19	NA	<19	NA	46	NA	NA	NA	NA	700	18,000	
Anthracene	µg/kg	NA	<11	NA	<13	NA	NA	<11	NA	<12	NA	<11	NA	150	NA	NA	NA	NA	3,000,000	5,000,000	
Benzo(a)anthracene	µg/kg	NA	12	NA	8.3	NA	NA	10	NA	14	NA	26	NA	**780**	NA	NA	NA	NA	17,000	88	
Benzo(a)pyrene	µg/kg	NA	**18**	NA	**8.8**	NA	NA	**13**	NA	**20**	NA	**39**	NA	**990**	NA	NA	NA	NA	48,000	8.8	
Benzo(b)fluoranthene	µg/kg	NA	16	NA	<7.7	NA	NA	11	NA	17	NA	30	NA	**1,000**	NA	NA	NA	NA	360,000	88	
Benzo(ghi)perylene	µg/kg	NA	<12	NA	<14	NA	NA	<12	NA	<13	NA	26	NA	590	NA	NA	NA	NA	6,800,000	1,800	
Benzo(k)fluoranthene	µg/kg	NA	22	NA	<11	NA	NA	16	NA	24	NA	43	NA	750	NA	NA	NA	NA	870,000	880	
Chrysene	µg/kg	NA	20	NA	12	NA	NA	15	NA	22	NA	43	NA	900	NA	NA	NA	NA	37,000	8,800	
Dibenzo(a,h)anthracene	µg/kg	NA	<7.6	NA	<8.7	NA	NA	<7.6	NA	<7.7	NA	<7.7	NA	**180**	NA	NA	NA	NA	38,000	8.8	
Fluoranthene	µg/kg	NA	21	NA	14	NA	NA	18	NA	25	NA	51	NA	1,700	NA	NA	NA	NA	500,000	600,000	
Fluorene	µg/kg	NA	<6.2	NA	<7.1	NA	NA	<6.2	NA	<6.3	NA	<6.2	NA	49	NA	NA	NA	NA	100,000	600,000	
Indeno(1,2,3-cd)pyrene	µg/kg	NA	<11	NA	<13	NA	NA	<11	NA	<12	NA	23	NA	**520**	NA	NA	NA	NA	680,000	88	
1-Methylnaphthalene	µg/kg	NA	<7.2	NA	<8.3	NA	NA	<7.2	NA	<7.3	NA	<7.3	NA	<15	NA	NA	NA	NA	23,000	1,100,000	
2-Methylnaphthalene	µg/kg	NA	<7.7	NA	<8.8	NA	NA	<7.7	NA	<7.9	NA	<7.8	NA	<16	NA	NA	NA	NA	20,000	600,000	
Naphthalene	µg/kg	NA	<7.7	NA	<8.8	NA	NA	<7.7	NA	<7.9	NA	<7.8	NA	19	NA	NA	NA	NA	400	20,000	
Phenanthrene	µg/kg	NA	<8.2	NA	<9.4	NA	NA	<8.2	NA	<8.4	NA	<8.3	NA	530	NA	NA	NA	NA	1,800	18,000	
Pyrene	µg/kg	NA	19	NA	<15	NA	NA	16	NA	22	NA	43	NA	1,300	NA	NA	NA	NA	8,700,000	500,000	

Notes:

PID = Photoionization detector
GRO = Gasoline Range Organics
NR 720 RCLs = Chapter NR 720 generic Residual Contamination Level for PVOCs. For PAHs, RCLs from WDNR publication RR-519-97, Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance, Table 1. PAHs RCLs are for the groundwater pathway exposure route and direct contact pathway non-industrial.
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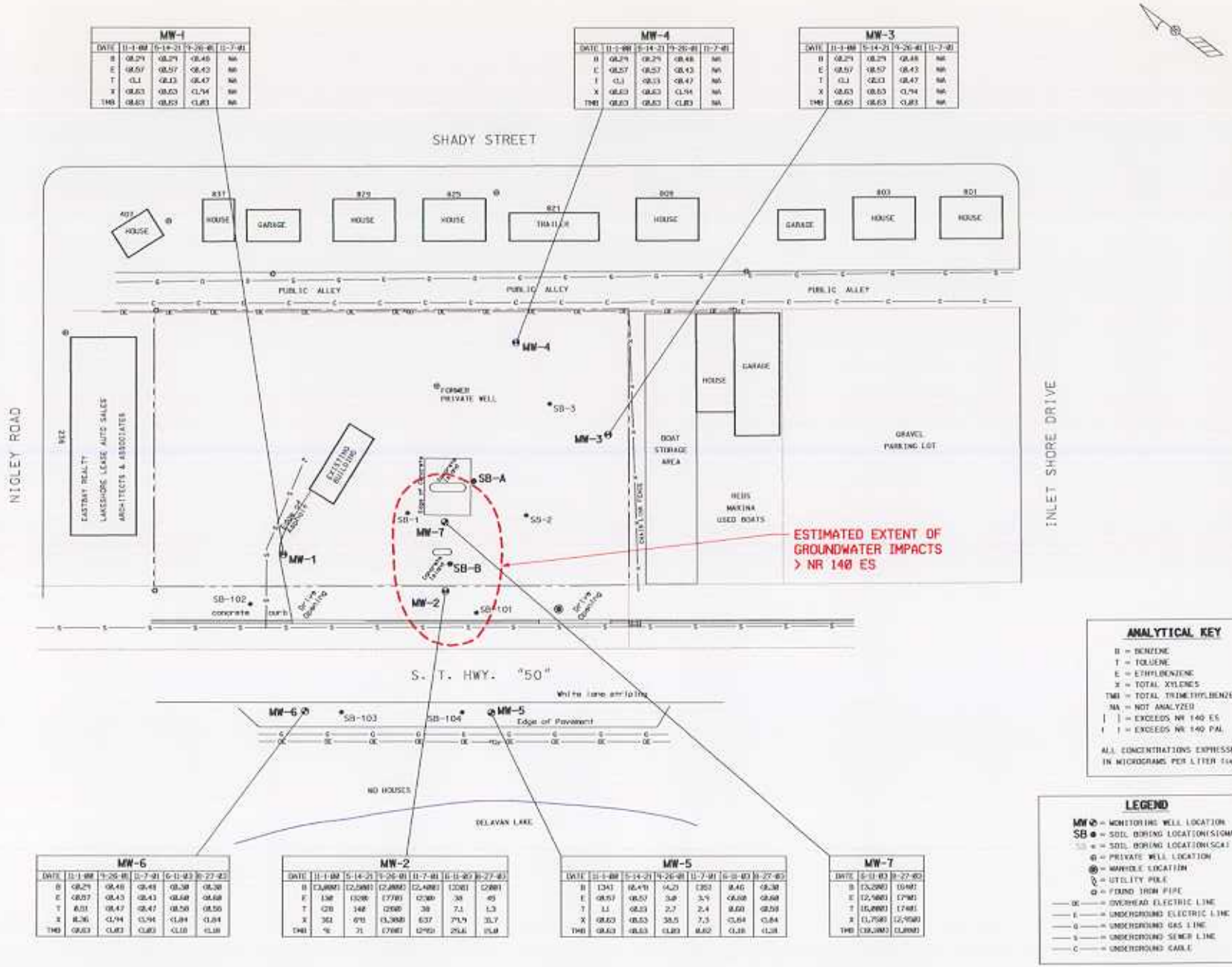
value = Exceeds Comm 46 Table 1 and Table 2 Values
Bold = Exceeds Suggested Generic RCLs Direct Contact Non-Industrial Pathway



MW-1				
DATE	11-1-88	5-14-21	9-26-81	11-7-91
B	0.29	0.29	0.48	NA
E	0.57	0.57	0.43	NA
T	0.1	0.13	0.47	NA
X	0.63	0.63	0.94	NA
TMB	0.63	0.63	0.83	NA

MW-4				
DATE	11-1-88	5-14-21	9-26-81	11-7-91
B	0.29	0.29	0.48	NA
E	0.57	0.57	0.43	NA
T	0.1	0.13	0.47	NA
X	0.63	0.63	0.94	NA
TMB	0.63	0.63	0.83	NA

MW-3				
DATE	11-1-88	5-14-21	9-26-81	11-7-91
B	0.29	0.29	0.48	NA
E	0.57	0.57	0.43	NA
T	0.1	0.13	0.47	NA
X	0.63	0.63	0.94	NA
TMB	0.63	0.63	0.83	NA

MW-6					
DATE	11-1-88	9-26-81	11-7-91	6-11-03	9-27-03
B	0.29	0.48	0.49	0.38	0.38
E	0.57	0.43	0.43	0.68	0.68
T	0.1	0.47	0.47	0.56	0.56
X	0.36	0.94	0.94	0.84	0.84
TMB	0.63	0.83	0.83	0.18	0.18

MW-2						
DATE	11-1-88	5-14-21	9-26-81	11-7-91	6-11-03	9-27-03
B	13,000	12,500	12,000	12,400	12,0	12,0
E	130	120	170	120	38	45
T	120	140	200	38	7.1	1.3
X	361	670	1,300	637	71.9	31.7
TMB	%	71	170	290	25.6	15.0

MW-5						
DATE	11-1-88	5-14-21	9-26-81	11-7-91	6-11-03	9-27-03
B	1341	16,470	14,21	1353	8.46	0.38
E	0.57	0.57	3.0	3.4	0.68	0.68
T	1.1	0.13	2.7	2.4	0.60	0.56
X	0.63	0.63	38.5	7.3	0.84	0.84
TMB	0.63	0.63	0.83	0.62	0.18	0.18

MW-7			
DATE	6-11-03	9-27-03
B	13,200	0.38
E	12,500	0.68
T	15,000	0.56
X	1,750	12,450
TMB	0.18	0.18

ANALYTICAL KEY

B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
TMB = TOTAL TRIMETHYLBENZENE
NA = NOT ANALYZED
| | = EXCEEDS NR 140 ES
| | = EXCEEDS NR 140 PAL

ALL CONCENTRATIONS EXPRESSED IN MICROGRAMS PER LITER (ug/l)

LEGEND

MW = MONITORING WELL LOCATION
SB = SOIL BORING LOCATION(SIGMA)
SB = SOIL BORING LOCATION(SCA)
= PRIVATE WELL LOCATION
= MANHOLE LOCATION
= UTILITY POLE
= FOUND IRON PIPE
OE = OVERHEAD ELECTRIC LINE
E = UNDERGROUND ELECTRIC LINE
G = UNDERGROUND GAS LINE
S = UNDERGROUND SEWER LINE
C = UNDERGROUND CABLE

SIGMA ENVIRONMENTAL SERVICES, INC.
220 EAST RYAN ROAD
OAK CREEK, WISCONSIN 53154
PHONE : (414) 768 - 7144
1-800-732-4671

SCALE - 1" = 30'- 0" 0' 15' 30' 45' 60'

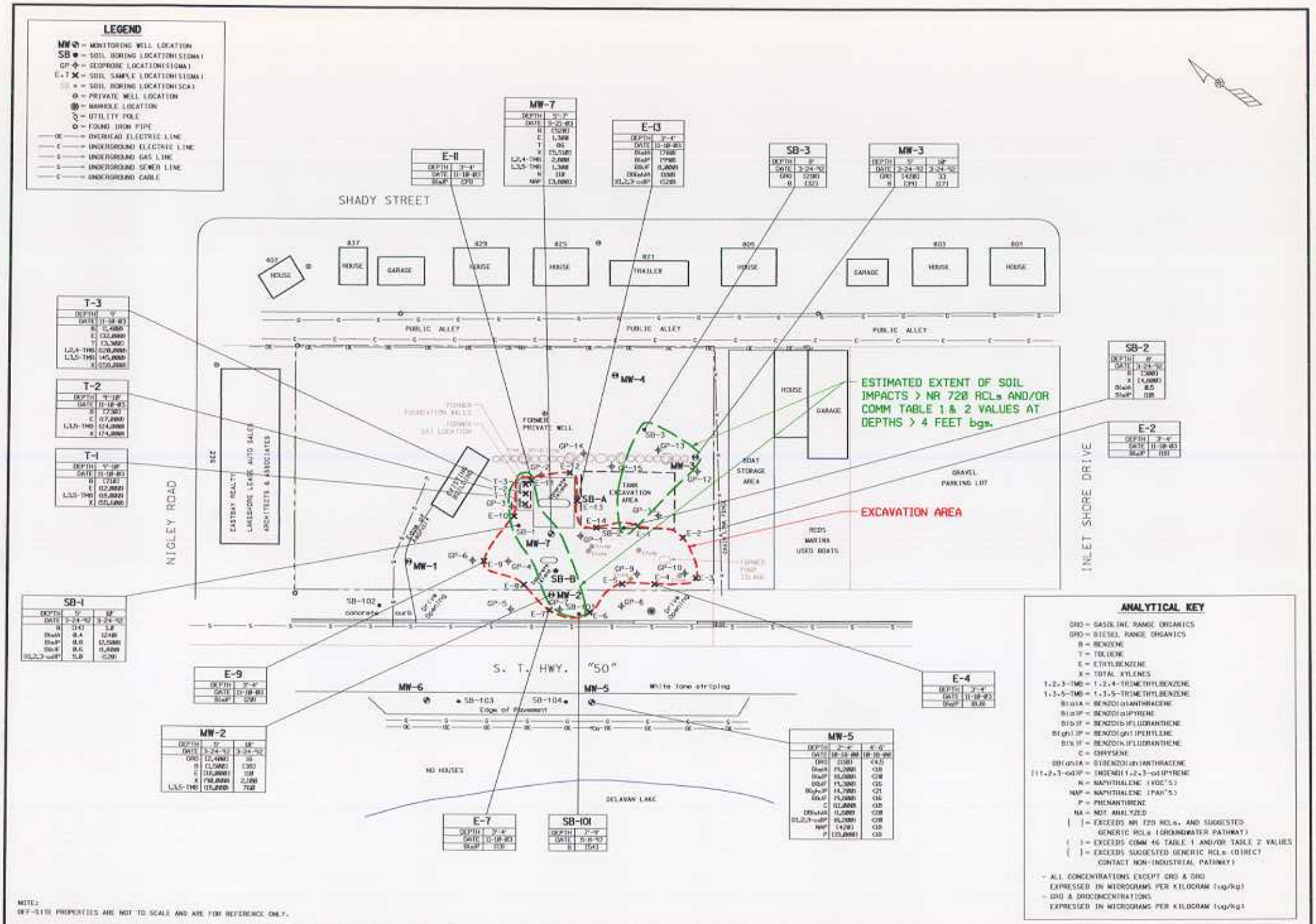
NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	BEB	7-24-03
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

SPEEDWAY SUPERAMERICA #7224
HYW 50 INLET OAKS, DELAVAN, WISCONSIN
GROUNDWATER QUALITY MAP

DRAWING NUMBER
5719-014

FIGURE 4



SIGMA ENVIRONMENTAL SERVICES, INC.
220 EAST RYAN ROAD
OAK CREEK, WISCONSIN 53154
PHONE : (414) 768 - 7144
1-800-732-4671

SCALE - 1" = 30'- 0" (0' 15' 30' 45' 60')

NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	BEB	12-4-03
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

SPEEDWAY SUPERAMERICA #7224
HYW 50 INLET OAKS, DELAVAN, WISCONSIN
SOIL QUALITY MAP (EXCEEDANCES ONLY) & EXCAVATION AREA

DRAWING NUMBER
5719-018

FIGURE 3

STATEMENT BY RESPONSIBLE PARTY

Speedway-SuperAmerica LLC, the responsible party for the property located at 222 State Highway 50, Delavan, Wisconsin 53115, states that the legal description provided to the Wisconsin Department of Commerce (and attached to this statement) for case file reference 53115-9999-62A is complete and accurate to the best of our knowledge.

Signature of Representative for Responsible Party

1-16-03
Date

SIGMA
ENVIRONMENTAL SERVICES INC.

220 East Ryan Road
Oak Creek, WI 53154-4533
414-768-7144
FAX: 414-768-7158

MAILED
1-23-03

January 23, 2003

Project Reference #5719

Sue Kitzman
Delavan City Clerk
123 South 2nd Street
Delavan, WI 53115

RE: Notice of Residual Petroleum Impacts
Within Public Street, Right-of-Way
Speedway SuperAmerica Store # 7224
222 State Road 50, Delavan, Wisconsin 53115

Dear Ms. Kitzman:

Enclosed, please find a copy of the Notification of Contamination within right-of-way letter, which was sent to the City of Delavan Engineer, Gary Vogel (Baxter and Woodman). Wisconsin Administrative Code, Chapter NR 726.05 (2)(b)(4) requires the Municipal Clerk and Municipal Department responsible for maintaining the street or highway be given written notification of the presence of petroleum impacts within the right-of-way. The attached letter serves as this notification. Please place a copy of this notification in the appropriate files.

If you have any questions or comments regarding this notification, please feel free to contact Sigma at (414) 768-7144.

Sincerely,

SIGMA ENVIRONMENTAL SERVICES, INC.

Aimee Hennings
Staff Geologist

Gary E. Genteman, P.G.
Senior Project Hydrogeologist

Enclosure

cc: Keith Hughes – SSA LLC.

I:\ssa\5719\gisnotltr.doc

SIGMA
ENVIRONMENTAL SERVICES INC.

220 East Ryan Road
Oak Creek, WI 53154-4533
414-768-7144
FAX: 414-768-7158

January 23, 2003

MAILED
1-23-03

Project Reference #5719

Mr. Gary Vogel, Engineer
Baxter & Woodman
256 South Pine
Burlington, Wisconsin 53105

RE: **Notice of Residual Petroleum Impacts**
Within Public Street, Right-of-Way
Speedway SuperAmerica Store # 7224
222 State Road 50, Delavan, Wisconsin 53115

Dear Mr. Vogel:

On behalf of Speedway/SuperAmerica LLC, Sigma Environmental Services, Inc. (Sigma) is notifying the City of Delavan Engineering Department regarding the potential presence of residual petroleum hydrocarbon impacts within groundwater at the above referenced site. The Speedway Store #7224 site is in the process of obtaining closure by the Wisconsin Department of Commerce upon the condition of filing GIS registry information and notifying municipal authorities of petroleum impacts extending into publicly owned property and adjacent right-of-ways. The Following is a summary of information that must be disclosed according to the Wisconsin Department of Natural Resources.

- County: Walworth
- Site name: Speedway SuperAmerica Store #7224
- Site address: 222 State Highway 50, Delavan, Wisconsin
- BRRTS #: 03-65-002249
- WDNR FID #: 265124420
- PECFA #: 53115-9999-62A
- Owner's name: Speedway SuperAmerica, LLC. (contact: Mr. Keith Hughes)
- Owner's address: P.O. Box 1500, Springfield, Ohio 45501
- Consulting firm: Sigma Environmental Services, Inc.
- Consultant contact: Aimee Hennings
- Consultant address: 220 East Ryan Road, Oak Creek, WI 53154
- Consultant phone/fax: (414) 768-7144 / (414) 768-7158
- Consultant email: ahennings@thesigmagroup.com
- Groundwater contamination: Yes – NR140 Enforcement Standard Exceedances in MW-4, MW-5, MW-6, PZ-1,
- Depth to water table: Ranges from approximately 4.2 to 5.48 feet bgs.
- Description of contamination: Benzene concentrations in MW-2 exceed NR 140 Enforcement Standards (ES). Ethylbenzene and Total

Trimethylbenzenes concentrations in MW-2 exceed NR 140 Preventive Action Limits (PALs).

- Summary of cleanup activities: In March 1992 ASI Environmental Technologies performed site assessment activities at the site. Assessment activities included the advancement of seven geoprobe soil borings and completing four of the soil borings to groundwater monitoring wells MW-1, MW-2, MW-3, MW-4. A groundwater monitoring program was implemented for the site. One round of groundwater monitoring was performed by Sigma in May of 2000 and based on the laboratory results, two additional groundwater monitoring wells were installed (MW-5 and MW-6). Four additional groundwater monitoring events were completed by Sigma from November of 2000 to November of 2001.
- Attached: Benzene isoconcentration map.

The Speedway SuperAmerica Store #7224 site is in the process of obtaining closure by the Wisconsin Department of Natural Resources. As part of the closure process, the SSA property and adjacent properties with groundwater contamination above Wisconsin Administrative Code (WAC), Chapter NR 140 Enforcement Standards (ES) will be listed in the WDNR's Geographic Information System (GIS) database.

If future construction activities require dewatering, or if groundwater is to be otherwise extracted in the vicinity of this area, the groundwater should be sampled and managed in compliance with applicable statutes and rules.

If you have any questions or comments, please contact Sigma at (414) 768-7144.

Sincerely,

SIGMA ENVIRONMENTAL SERVICES, INC.

Aimee Hennings
Staff Geologist

Gary E. Genteman, P.G.
Senior Project Hydrogeologist

Enclosure: Benzene Isoconcentration Map

cc: Keith Hughes – SSA LLC.
Sue Kitzman – Delavan City Clerk

I:\ssa\5719\gisnotltr.doc

"TeBeest, Sharlene" <sharlene.tebeest@dot.state.wi.us>

09/12/2003 04:21 PM

To: "'Aimee_Hennings/SigGroup@thesigmagroup.com'" <Aimee_Hennings/SigGroup@thesigmagroup.com>
cc:
Subject: RE: Notification of soil contamination within right-of-way, Delav an

Thank you Aimee, I've received your notification for the site mentioned below.

Shar

Shar Te Beest
Hazardous Materials Specialist
Wisconsin Department of Transportation
Bureau of Environment
Phone (608) 266-1476; Fax (608) 266-7818
e-mail: sharlene.tebeest@dot.state.wi.us

-----Original Message-----
From: Aimee_Hennings/SigGroup@thesigmagroup.com
[mailto:Aimee_Hennings/SigGroup@thesigmagroup.com]
Sent: Friday, September 12, 2003 3:40 PM
To: sharlene.tebeest@dot.state.wi.us
Subject: Notification of soil contamination within right-of-way, Delavan

September 12, 2003

Dear Ms. Te Beest:

On behalf of Speedway SuperAmerica, LLC., Sigma Environmental Services, Inc. (Sigma) is notifying the Wisconsin Department of Transportation of the possible presence of residual petroleum hydrocarbon impacts located beneath the roadway and right of way of State HWY 50. The Following is a summary of information that is to be disclosed according to the Wisconsin Department of Natural Resources (WDNR):

County: Walworth
Highway: State Highway 50
Site name: Speedway SuperAmerica Store #7224
Site address: 222 State HWY 50, Delavan, Wisconsin
BRRTS #: 03-65-002249
PECFA #: 53115-9999-62A
WDNR FID #: 265124420

Owner's name: Speedway SuperAmerica, LLC. (contact: Mr. Keith Hughes)
Owner's address: P.O. Box 1500, Springfield, Ohio 45501
Consulting firm: Sigma Environmental Services, Inc.
Consultant contact: Aimee Hennings
Consultant address: 220 East Ryan Road, Oak Creek, WI 53154
Consultant phone/fax: (414) 768-7144 / (414) 768-7158
Consultant email: ahennings@thesigmagroup.com

Soil contamination: Yes
Depth to contaminated soil: Approximately 9 feet below ground surface (bgs)
Vertical extent of impacted soil: From approximately 2 to 9 feet bgs

Description of contamination: GRO, DRO, Benzene, Ethylbenzene, Toluene, and Total Xylene concentrations which exceed NR 720 Residual Contaminant Levels (RCLs). PAH concentrations on off-site well MW-5.

Summary of cleanup activities: In March 1992 ASI Environmental Technologies performed site assessment activities at the site. Assessment activities included the advancement of seven geoprobe soil borings and completing four of the soil borings to groundwater monitoring wells MW-1, MW-2, MW-3, MW-4. A groundwater monitoring program was implemented for the site. One round of groundwater monitoring was performed by Sigma in May of 2000 and based on the laboratory results, two additional groundwater monitoring wells were installed (MW-5 and MW-6). Six additional groundwater monitoring events were completed by Sigma from November of 2000 to August 2003.

Post-remedial soil quality map: Attached as soilqual.pdf (See attached file: 7224_soil.pdf)

Speedway SuperAmerica is in the process of obtaining case closure for the site reference above by the Wisconsin Department of Commerce. As part of the closure process, the Speedway SuperAmerica Store #7224 property will be listed in the WDNR's Geographic Information System (GIS) database for properties with soil contamination above site-specific ESs.

If future construction activities disturb soil within the right-of-way as described above, the excavated soil may be considered a solid waste and require proper disposal. In addition, if future construction activities require dewatering, or if groundwater is to be otherwise extracted in the vicinity of this area, the groundwater should be sampled and managed in compliance with applicable statutes and rules.

If you have any questions or comments, please contact Sigma at (414) 768-7144.

Sincerely,

SIGMA ENVIRONMENTAL SERVICES, INC.

Aimee Hennings
Staff Geologist
Sigma Environmental Services, Inc.
Phone: 414-768-7144