State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee WI 53212-3128

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

May 24, 2016

CERTIFIED MAIL

Certified No.: 7008 0150 0002 0323 7611

Mr. David Plunkett
P.O. Box 04946
Milwaukee, WI 53204

Subject: Deed Affidavit for Environmental Contamination at 1836 S. 3rd St., Milwaukee, WI 53204
BRRTS # 03-41-112118 FID # 241830490
Casetrack # 2016-SEEE-011

Dear Mr. Plunkett:

On April 11, 2016, the Wisconsin Department of Natural Resources (DNR) sent you a letter notifying you that a deed affidavit would be filed at the Milwaukee County Deeds Office if the DNR didn't receive notification of your intent to investigate the contamination found at the property described above.

To date, the DNR has not received any of the requested information. Therefore, enclosed you will find the draft deed affidavit that will be filed on the property after 30 days on receipt of this letter.

If you have any questions or comments, please feel free to contact me at the above address or at (414) 263-8589, or by email at riley.neumann@wisconsin.gov.

Sincerely,

Riley D. Neumann
Hydrogeologist
Remediation and Redevelopment Program

Enclosure: Draft Deed Affidavit for 1836 S. 3rd St., Milwaukee, Wisconsin

cc: Saji Villoth, Environmental Enforcement Specialist, WDNR

Document Number	NOTICE OF CONTAMINATION

Legal Description of the Property:

Certified Survey Map No. 4102 in NE ¼ SEC 5-6-22 Parcel 1

Recording Area

Name and Return Address:
Riley Neumann
Wisconsin Dept. of Natural Resources
2300 N. Dr. MLK Jr., Dr.
Milwaukee, WI 53212

STATE OF WISCONSIN)

COUNTY OF Milwaukee) [*County where affidavit is signed*]

I, Michele R. Norman, being first duly sworn, state that:

4621611000
Parcel Identification Number (PIN)

1. I am a Remediation and Redevelopment Program Supervisor, employed by the Wisconsin Department of Natural Resources (hereinafter "the Department") at its Southeast Regional office in Milwaukee, Wisconsin.

2. Riley D. Neumann, Project Manager/Hydrogeologist, employed by the Department at its Southeast Regional office in Milwaukee, Wisconsin, has personal knowledge of the facts herein set forth and believes the same to be true.

3. Based on information submitted to the Department, the Department has determined that contaminants discharged to Vacant Parcel 1836 S. 3rd St., which is located at 1836 S. 3rd St., in the City of Milwaukee, County of Milwaukee, and which has the above legal description, has contaminated soil and groundwater in the vicinity of a former underground storage tank, as shown on the attached site maps (Exhibit A and B) and the tables of soil and groundwater analytical results (Exhibit C, D, and E) that indicated levels of contamination that exceed the residual contaminant levels for polycyclic aromatic hydrocarbons and volatile organic compounds. The BRRTS number for this site is 03-41-112118 and the FID number is 241830490.

4. On November 19, 1996, the Department sent a letter to the City of Milwaukee advising them of the statutory requirement to restore the environment at that location. In response to this letter, the City of Milwaukee informed the Department that they were no longer the responsible party.

5. On November 27, 1996, the Department sent a letter to David Plunkett advising him of the statutory requirement to restore the environment at that location. In response, Mr. Plunkett denied involvement with the site, indicating that the responsibilities lied with the City of Milwaukee.

6. On December 17, 1996, the Department sent another letter to David Plunkett, after determining that he was the true responsible party. This letter again advised him of the statutory requirement to restore the environment at that location. In response, Mr. Plunkett's attorney informed the Department that he did not have available funds with which to conduct a site investigation, and that the investigation was the responsibility of the previous owners.

7. On July 7, 2011, the Department sent a request for site update letter to David Plunkett, reminding him of his legal responsibilities to conduct an environmental investigation at his property. No response to this letter has been received by the Department.

AFFIDAVIT Tax Key: 4621611000

In Re: Property Located in the
City of Milwaukee, Milwaukee County, Wisconsin
Described above.

8. On July 27, 2012, the Department sent a notice of non-compliance to David Plunkett, informing David that he was at risk of violating Wis. Stats. § 292.11(3), also known as the hazardous substances spills law. No response to this letter has been received by the Department.

9. On October 6, 2015, the Department sent a request for site update letter to David Plunkett, giving him 30 days to hire a consultant to investigate the contamination at his property. No response to this letter has been received by the Department.

10. On November 9, 2015, the Department sent a notice of non-compliance to David Plunkett (Certified 7008 0150 0002 0323 6737), informing him that he was at risk of violating Wis. Stats. § 292.11(3), also known as the hazardous substances spills law. Mr. Plunkett was given 30 days to submit evidence that he had hired an environmental consultant to conduct a site investigation, or that the Department would initiate the enforcement process. No response to this letter has been received by the Department.

11. On March 18, 2016, the Department sent a notice of violation to David Plunkett, informing him that he had violated Wis. Stats. § 292.11(3). An Enforcement Conference was scheduled for April 1, 2016 at 1:00pm at the Milwaukee office. Mr. Plunkett did not attend the conference.

12. On April 11, 2016 the Department sent a letter (Certified 7008 0150 0002 0323 6539) to David Plunkett advising him that a notice of contamination would be recorded if satisfactory action to restore the environment did not commence. That letter requested a written response within 30 days of receipt of the letter. No response to that letter has been received by the Department.

13. Because the Department believes that petroleum contamination currently found in the soil and groundwater on the property with the above legal description, will continue to discharge into the environment, subsequent purchasers of the property could be held responsible for investigation and cleanup costs under Wis. Stats. § 292.11(3).

_____
Michele. R. Norman

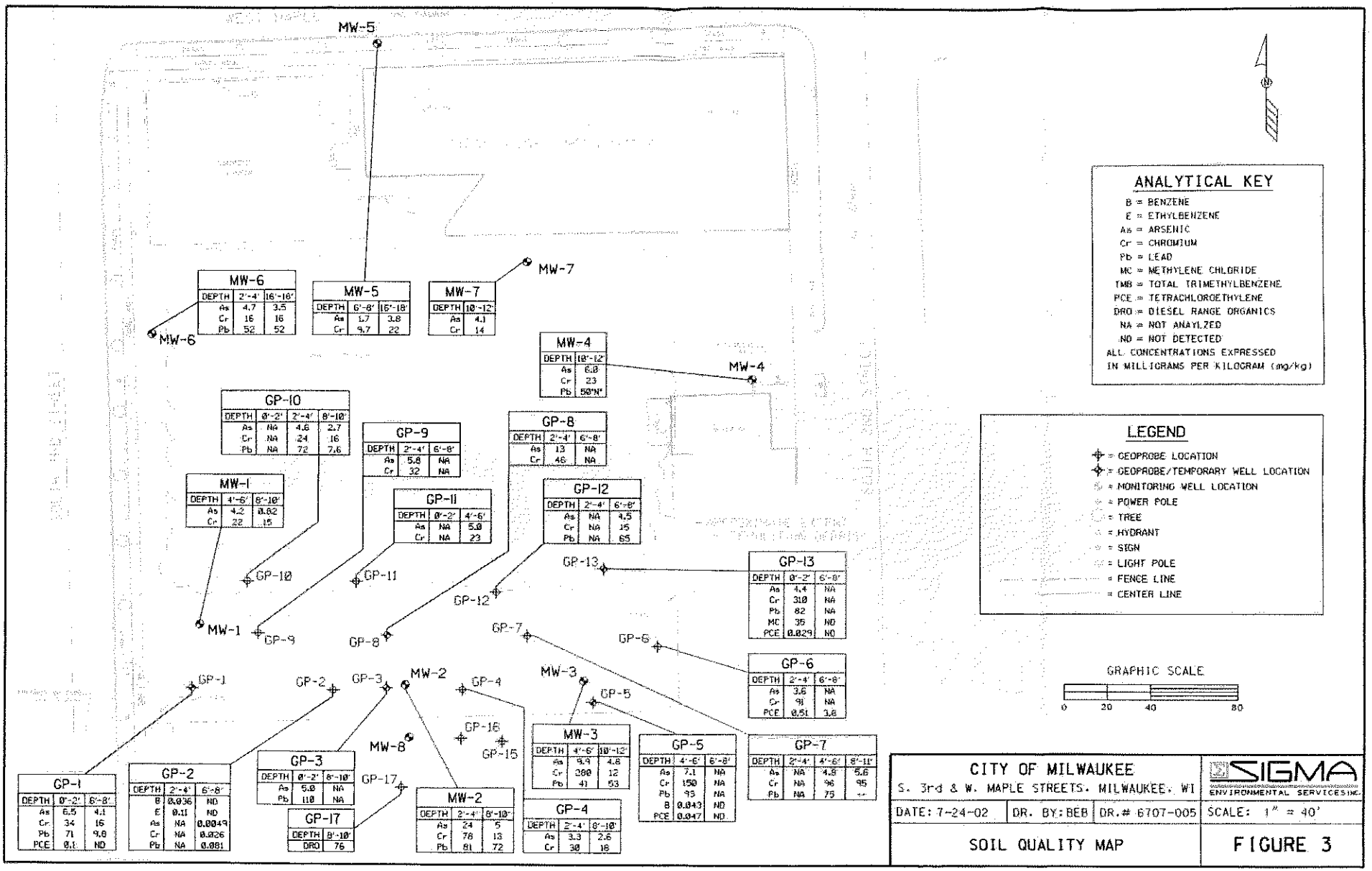
Subscribed and sworn to before me this _____ day of _____, 20___.

_____
Notary Public, State of Wisconsin

My commission expires on:_____

This document was drafted by the Wisconsin Department of Natural Resources, Remediation and Redevelopment Program, Southeast Region Headquarters.

Exhibit A



CITY OF MILWAUKEE
S. 3rd & W. MAPLE STREETS, MILWAUKEE, WI

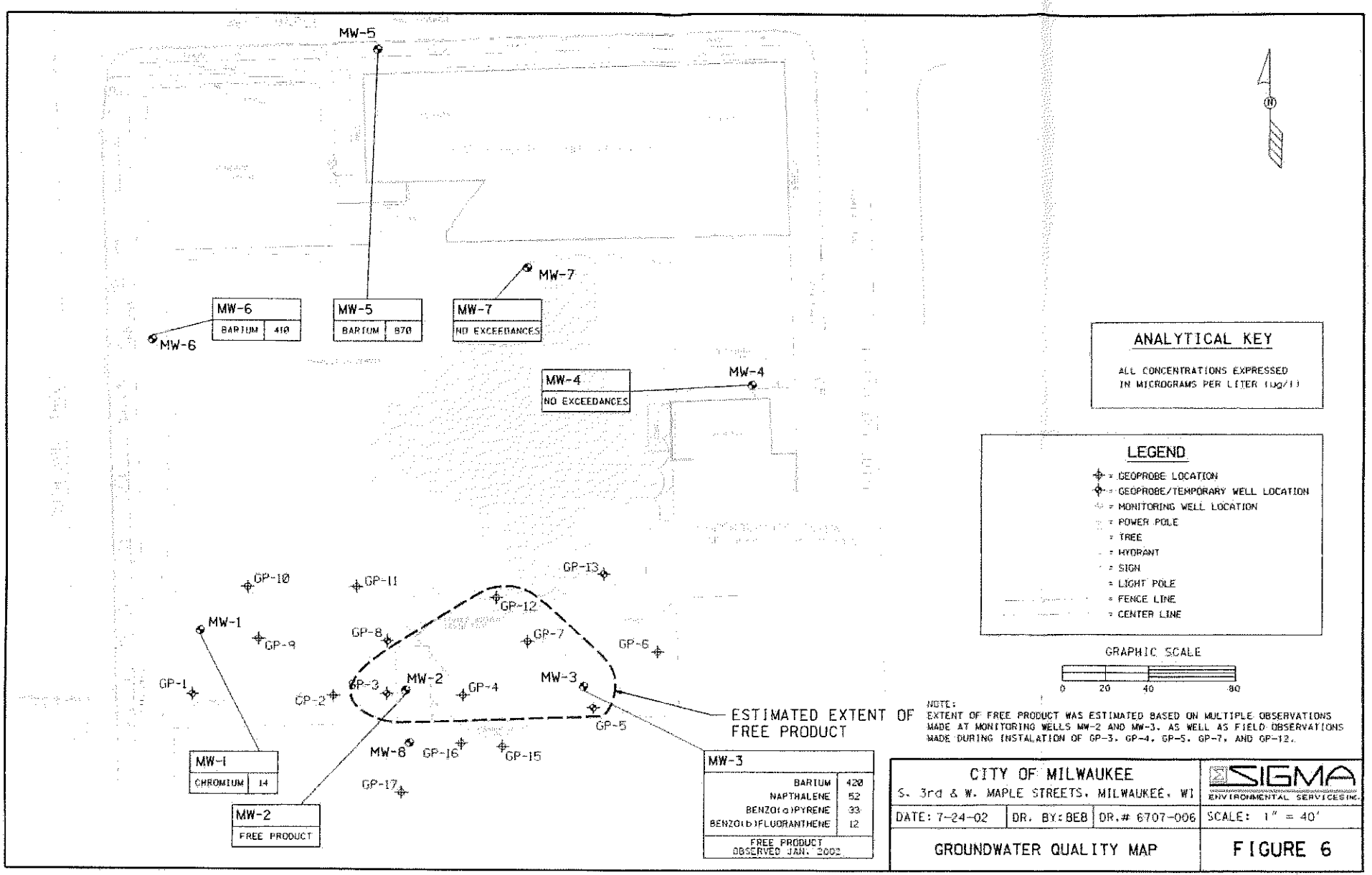
SIGMA ENVIRONMENTAL SERVICES, INC.

DATE: 7-24-02 | DR. BY: BEB | DR.# 6707-005 | SCALE: 1" = 40'

SOIL QUALITY MAP

FIGURE 3

Exhibit B



CITY OF MILWAUKEE
S. 3rd & W. MAPLE STREETS, MILWAUKEE, WI

SIGMA ENVIRONMENTAL SERVICES INC.

DATE: 7-24-02	DR. BY: BEB	DR.# 6707-006	SCALE: 1" = 40'

GROUNDWATER QUALITY MAP

FIGURE 6

Exhibit C

TABLE 2
Summary of Groundwater Elevations
City of Milwaukee
South 2nd and South 3rd Street
Project #6707

Monitoring Well	Date	Top of Casing Elevation	Depth to Groundwater	Depth to Product	Product Thickness	Groundwater Elevation
MW-1	09/13/2001	597.7	9.07	--	--	588.63
	01/15/2002		11.08	--	--	586.62
	06/13/2002		9.36	--	--	588.34
	07/01/2002		10.12	--	--	587.58
MW-2	09/13/2001	598.29	No water present	Could not be measured		NA
	01/15/2002		No water present	2.85	12.15	NA
	06/13/2002		**	9.4	**	NA
	07/01/2002		**	10	**	NA
MW-3	09/13/2001	597.73	10.31	--	--	587.42
	01/15/2002		No water present	5.6	9.4	NA
	06/13/2002		**	10.22	**	NA
	07/01/2002		**	10.8	**	NA
MW-4	09/13/2001	599.06	9.35	--	--	589.71
	01/15/2002		10.27	--	--	588.79
	06/13/2002		Abandoned during construction			
MW-5	09/13/2001	610.05	11.72	--	--	598.33
	01/15/2002		12.66	--	--	597.39
	06/13/2002		11.69	--	--	598.36
	07/01/2002		12.13			597.92
MW-6	09/13/2001	604.32	6.6	--	--	597.72
	01/15/2002		Abandoned during construction			
MW-7	09/13/2001	607.69	12.8	--	--	594.89
	01/15/2002		14.31	--	--	593.38
	06/13/2002		Abandoned during construction			
MW-8	06/13/2002	589.69	9.64	--	--	580.05
	07/01/2002		12.3	--	--	577.39

**= Water levels could not be measured due to the consistency of the product
NA= Not analyzed
All measurements are relative to a mean sea level.
All measurements reported in feet.

Exhibit D

Table 3
Soil Analytical Quality Results
City of Milwaukee
South 2nd and South 3rd Street
Project # 6707

Soil Boring Identification:		GP-1				GP-2				MeOH	NR 720	NR 746	NR 746	Interim	US EPA PRG		US EPA
Sample Depth (ft)		0 - 2	2 - 4	4 - 6	6 - 8	0 - 2	2 - 4	4 - 6	6 - 8	Blank	RCL	Table 1	Table 2	RCL	Residential	Industrial	SSL
Parameter	Units	May 17, 2001															
Percent solids	%	85.8	82.7	86.8	97.0	88.1	86.5	81.7	82.4	NA	NS	NS	NS	NS	NS	NS	NS
Diesel Range Organics (DRO)	mg/kg	NA	25	1.8 "Q"	NA	11	NA	5.6	NA	NA	100	NS	NS	NS	NS	NS	NS
RCRA Metals																	
Arsenic	mg/kg	6.5	NA	NA	4.1	NA	NA	NA	4.9	NA	0.039	NS	NS	NS	0.39	2.7	29
Barium	mg/kg	83	NA	NA	42	NA	NA	NA	390	NA	NS	NS	NS	NS	5,400	100,000	1,600
Cadmium	mg/kg	0.49	NA	NA	0.21	NA	NA	NA	0.32	NA	8	NS	NS	NS	37	81	8
Chromium	mg/kg	34	NA	NA	16	NA	NA	NA	26	NA	16000*	NS	NS	NS	210**	450**	38**
Lead	mg/kg	71	NA	NA	3.6	NA	NA	NA	81	NA	50	NS	NS	NS	400	750	NS
Selenium	mg/kg	1.2	NA	NA	1.1	NA	NA	NA	0.88	NA	NS	NS	NS	NS	390	10,000	6
Silver	mg/kg	<0.17	NA	NA	<0.17	NA	NA	NA	<0.18	NA	NS	NS	NS	NS	390	10,000	34
Mercury	mg/kg	0.15	NA	NA	0.0061 "Q"	NA	NA	NA	0.023	NA	NS	NS	NS	NS	23	610	NS
VOCs																	
Benzene	µg/kg	<25	NA	NA	<25	NA	38 "Q"	NA	<25	<25	5.5	8,500	1,100	NS	630	1,400	30
s-Butylbenzene	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25	NS	NS	NS	NS	110,000	220,000	NS
n-Butylbenzene	µg/kg	<25	NA	NA	<25	NA	18 "Q"	NA	<25	<25	NS	NS	NS	NS	140,000	240,000	NS
Dichlorodifluoromethane	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25	NS	NS	NS	NS	94,000	310,000	NS
Ethylbenzene	µg/kg	<25	NA	NA	<25	NA	110	NA	<25	<25	2,900	4,600	NS	NS	230,000	230,000	13,000
Fluorotrichloromethane	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25	NS	NS	NS	NS	390,000	2,000,000	NS
Isopropylbenzene	µg/kg	<25	NA	NA	<25	NA	73	NA	<25	<25	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	34 "Q,B"	NS	NS	NS	NS	8,900	21,000	20
Naphthalene	µg/kg	120	NA	NA	<25	NA	400	NA	<25	<25	NS	2,700	NS	NS	56,000	190,000	84,000
n-Propylbenzene	µg/kg	<25	NA	NA	<25	NA	109	NA	<25	<25	NS	NS	NS	NS	140,000	240,000	NS
Tetrachloroethene	µg/kg	100	NA	NA	<25	NA	<25	NA	<25	<25	NS	NS	NS	NS	5,700	19,000	60
Toluene	µg/kg	83 "Q"	NA	NA	<25	NA	280	NA	<25	<25	1,500	38,000	NS	NS	520,000	520,000	12,000
1,2,4-Trimethylbenzene	µg/kg	42 "Q"	NA	NA	<25	NA	220	NA	<25	<25	NS	83,000	NS	NS	52,000	170,000	NS
1,3,5-Trimethylbenzene	µg/kg	<25	NA	NA	<25	NA	41 "Q"	NA	<25	<25	NS	11,000	NS	NS	21,000	70,000	NS
Xylenes (Total)	µg/kg	127 "Q"	NA	NA	<75	NA	760	NA	<75	<75	4,100	42,000	NS	NS	210,000	210,000	210,000
PAHs																	
1-Methylnaphthalene	µg/kg	NA	NA	<59	NA	<64	NA	<59	NA	NA	NS	NS	NS	23,000 (gw)	NS	NS	NS
2-Methylnaphthalene	µg/kg	NA	NA	<59	NA	<65	NA	<59	NA	NA	NS	NS	NS	20,000 (gw)	NS	NS	NS
Acenaphthene	µg/kg	NA	NA	<37	NA	125	NA	<40	NA	NA	NS	NS	NS	38,000 (gw)	3,700,000	38,000,000	570,000
Acenaphthylene	µg/kg	NA	NA	<46	NA	<45	NA	<49	NA	NA	NS	NS	NS	700 (gw)	NS	NS	NS
Anthracene	µg/kg	NA	NA	<28	NA	328	NA	<29	NA	NA	NS	NS	NS	3,000,000 (gw)	22,000,000	100,000,000	12,000,000
Benzo(a)anthracene	µg/kg	NA	NA	<21	NA	932	NA	25 "Q"	NA	NA	NS	NS	NS	88 (dc)	620	2,900	2,000
Benzo(a)pyrene	µg/kg	NA	NA	<21	NA	868	NA	21 "Q"	NA	NA	NS	NS	NS	8.8 (dc)	62	290	8,000
Benzo(b)fluoranthene	µg/kg	NA	NA	<31	NA	947	NA	<33	NA	NA	NS	NS	NS	88 (dc)	620	2,900	5,000
Benzo(ghi)perylene	µg/kg	NA	NA	<36	NA	433	NA	<39	NA	NA	NS	NS	NS	1,800 (dc)	NS	NS	NS
Benzo(k)fluoranthene	µg/kg	NA	NA	<17	NA	280	NA	<18	NA	NA	NS	NS	NS	880 (dc)	6,200	29,000	49,000
Chrysene	µg/kg	NA	NA	<27	NA	826	NA	<29	NA	NA	NS	NS	NS	8,800 (dc)	62,000	290,000	160,000
Dibenzo(a,h)anthracene	µg/kg	NA	NA	<37	NA	132	NA	<40	NA	NA	NS	NS	NS	8.8 (dc)	62	290	2,000
Fluoranthene	µg/kg	NA	NA	<25	NA	1,830	NA	35 "Q"	NA	NA	NS	NS	NS	500,000 (gw)	2,300,000	30,000,000	4,300,000
Fluorene	µg/kg	NA	NA	<45	NA	167	NA	<48	NA	NA	NS	NS	NS	100,000 (gw)	2,600,000	33,000,000	560,000
Indeno(1,2,3-cd)pyrene	µg/kg	NA	NA	<35	NA	443	NA	<37	NA	NA	NS	NS	NS	88 (dc)	620	2,900	14,000
Naphthalene	µg/kg	NA	NA	<59	NA	111 "Q"	NA	<59	NA	NA	NS	2,700	NS	400 (gw)	56,000	190,000	84,000
Phenanthrene	µg/kg	NA	NA	<23	NA	1,490	NA	29 "Q"	NA	NA	NS	NS	NS	1,800 (gw)	NS	NS	NS
Pyrene	µg/kg	NA	NA	<23	NA	1,970	NA	43 "Q"	NA	NA	NS	NS	NS	500,000 (dc)	2,300,000	54,000,000	4,200,000

Notes:
1. Soil samples collected by Sigma Environmental Services, Inc. on May 17, 2001.
2. Laboratory analyses were performed by En Chem, Inc. of Green Bay, Wisconsin, in accordance with US EPA Method SW846 3050B (RCRA Metals except mercury), US EPA Method SW846 7471A (mercury), and US EPA Method SW846 8260B (VOCs) and APL, Inc. of Milwaukee, Wisconsin, in accordance with Wisconsin Modified DRO Method (DRO) and US EPA Method SW846 8270 (PAHs).
3. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm).
4. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
5. NA = Not analyzed
6. "Q" = Analyte detected between Limit of Detection and Limit of Quantitation.
7. "B" = Methylene chloride present in blank at 26 ug/kg.
8. NR 720 Generic RCL = Chapter NR 720 Generic Residual Contaminant Level (non-industrial land use RCLs for RCRA metals).
9. * = RCL for trivalent chromium. ** = PRG for total chromium.
10. NS = No standard
11. NR 746 Table 1 = Chapter NR 746, Table 1: Indicators of Residual Petroleum Products in Soil Pores
12. NR 746 Table 2 = Chapter NR 746, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil
13. Interim RCL = more stringent Generic Residual Contaminant Level for protection of groundwater (gw) or direct contact (dc) pathway for non-industrial land use from WDNR Publication RR-519-97 "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance" (April 1997).
14. US EPA PRG = Preliminary Remediation Goal for residential and industrial soil from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
15. US EPA SSL = Soil Screening Level for migration to groundwater (with dilution-attenuation factor of 20) from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
16. Exceedances: **BOLD** = Concentration exceeds NR 720 Generic RCL (for DRO, Metals, VOCs) or Interim RCL (for PAHs)
BOLD = Concentration exceeds NR 746 Table 1 value
17. US EPA PRGs and SSLs only provided for relative benchmark concentrations.

Exhibit D

Table 3
Soil Analytical Quality Results
City of Milwaukee
South 2nd and South 3rd Street
Project # 6707

Soil Boring Identification:		May 17, 2001										NR 720	NR 746	NR 746	Interim	US EPA PRG		US EPA
		GP-3				GP-4				MeOH								
Sample Depth (ft):		0 - 2	2 - 4	6 - 8	8 - 10	0 - 2	2 - 4	4 - 6	6 - 10	Blank		RCL	Table 1	Table 2	RCL	Residential	Industrial	SSL
Parameter	Units																	
Percent solids	%	87.6	85.2	84.7	86.2	86.5	87.8	83.7	84.7	NA		NS	NS	NS	NS	NS	NS	NS
Diesel Range Organics (DRO)	mg/kg	NA	2.3 "Q"	41	NA	14	NA	9.4	NA	NA		100	NS	NS	NS	NS	NS	NS
RCRA Metals																		
Arsenic	mg/kg	5.8	NA	NA	NA	NA	3.3	NA	2.8	NA		0.582	NS	NS	NS	0.39	2.1	29
Barium	mg/kg	52	NA	NA	NA	NA	38	NA	52	NA		NS	NS	NS	NS	5,400	100,000	1,550
Cadmium	mg/kg	0.29	NA	NA	NA	NA	0.23	NA	0.21	NA		8	NS	NS	NS	37	81	8
Chromium	mg/kg	110	NA	NA	NA	NA	90	NA	78	NA		19000*	NS	NS	NS	210**	450**	38**
Lead	mg/kg	28	NA	NA	NA	NA	14	NA	15	NA		90	NS	NS	NS	400	700	NS
Selenium	mg/kg	1.0	NA	NA	NA	NA	0.85	NA	1.1	NA		NS	NS	NS	NS	390	10,000	5
Silver	mg/kg	<0.17	NA	NA	NA	NA	<0.17	NA	<0.18	NA		NS	NS	NS	NS	390	10,000	34
Mercury	mg/kg	0.21	NA	NA	NA	NA	0.033	NA	0.050	NA		NS	NS	NS	NS	23	610	NS
VOCs																		
Benzene	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25		5.5	5,500	1,100	NS	860	1,500	30
s-Butylbenzene	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25		NS	NS	NS	NS	110,000	320,000	NS
n-Butylbenzene	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25		NS	NS	NS	NS	140,000	240,000	NS
Dichlorodifluoromethane	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25		NS	NS	NS	NS	84,000	310,000	NS
Ethylbenzene	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25		2,900	4,000	NS	NS	230,000	230,000	13,000
Fluorotrichloromethane	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25		NS	NS	NS	NS	390,000	2,000,000	NS
Isopropylbenzene	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25		NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25		NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	24 "B"		NS	NS	NS	NS	8,900	21,000	20
Naphthalene	µg/kg	91	NA	NA	89	NA	48 "Q"	NA	<25	<25		NS	2,700	NS	NS	56,000	100,000	84,000
n-Propylbenzene	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25		NS	NS	NS	NS	140,000	240,000	NS
Tetrachloroethene	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25		NS	NS	NS	NS	5,700	19,000	60
Toluene	µg/kg	52 "Q"	NA	NA	<25	NA	28 "Q"	NA	<25	<25		1,500	38,000	NS	NS	520,000	520,000	12,000
1,2,4-Trimethylbenzene	µg/kg	37 "Q"	NA	NA	33 "Q"	NA	<25	NA	<25	<25		NS	83,000	NS	NS	52,000	170,000	NS
1,3,5-Trimethylbenzene	µg/kg	<25	NA	NA	<25	NA	<25	NA	<25	<25		NS	11,000	NS	NS	21,000	70,000	NS
Xylenes (Total)	µg/kg	113 "Q"	NA	NA	30 "Q"	NA	<75	NA	<75	<75		4,100	42,000	NS	NS	210,000	210,000	210,000
PAHs																		
1-Methylnaphthalene	µg/kg	NA	<36	NA	NA	NA	NA	<37	NA	NA		NS	NS	NS	23,000 (gw)	NS	NS	NS
2-Methylnaphthalene	µg/kg	NA	<37	NA	NA	NA	NA	<38	NA	NA		NS	NS	NS	20,000 (gw)	NS	NS	NS
Acenaphthene	µg/kg	NA	35 "Q"	NA	NA	NA	NA	<39	NA	NA		NS	NS	NS	38,000 (gw)	3,700,000	38,000,000	570,000
Acenaphthylene	µg/kg	NA	<47	NA	NA	NA	NA	<48	NA	NA		NS	NS	NS	700 (gw)	NS	NS	NS
Anthracene	µg/kg	NA	90	NA	NA	NA	NA	39 "Q"	NA	NA		NS	NS	NS	3,000,000 (gw)	22,000,000	100,000,000	12,000,000
Benzo(a)anthracene	µg/kg	NA	381	NA	NA	NA	NA	127	NA	NA		NS	NS	NS	88 (dc)	620	2,900	2,000
Benzo(a)pyrene	µg/kg	NA	405	NA	NA	NA	NA	119	NA	NA		NS	NS	NS	8.8 (dc)	62	290	8,000
Benzo(b)fluoranthene	µg/kg	NA	479	NA	NA	NA	NA	130	NA	NA		NS	NS	NS	88 (dc)	620	2,900	5,000
Benzo(ghi)perylene	µg/kg	NA	264	NA	NA	NA	NA	75 "Q"	NA	NA		NS	NS	NS	1,800 (dc)	NS	NS	NS
Benzo(k)fluoranthene	µg/kg	NA	149	NA	NA	NA	NA	57	NA	NA		NS	NS	NS	880 (dc)	6,200	29,000	49,000
Chrysene	µg/kg	NA	437	NA	NA	NA	NA	127	NA	NA		NS	NS	NS	8,800 (dc)	62,000	290,000	160,000
Dibenzo(a,h)anthracene	µg/kg	NA	71 "Q"	NA	NA	NA	NA	<38	NA	NA		NS	NS	NS	8.8 (dc)	62	290	2,000
Fluoranthene	µg/kg	NA	799	NA	NA	NA	NA	257	NA	NA		NS	NS	NS	500,000 (gw)	2,300,000	50,000,000	4,300,000
Fluorene	µg/kg	NA	52 "Q"	NA	NA	NA	NA	<47	NA	NA		NS	NS	NS	100,000 (gw)	2,500,000	33,000,000	560,000
Indeno(1,2,3-cd)pyrene	µg/kg	NA	238	NA	NA	NA	NA	71 "Q"	NA	NA		NS	NS	NS	88 (dc)	620	2,900	14,000
Naphthalene	µg/kg	NA	<37	NA	NA	NA	NA	<38	NA	NA		NS	2,700	NS	400 (gw)	56,000	190,000	84,000
Phenanthrene	µg/kg	NA	519	NA	NA	NA	NA	213	NA	NA		NS	NS	NS	1,800 (gw)	NS	NS	NS
Pyrene	µg/kg	NA	859	NA	NA	NA	NA	270	NA	NA		NS	NS	NS	500,000 (dc)	2,300,000	34,000,000	4,200,000

Notes:

1. Soil samples collected by Sigma Environmental Services, Inc. on May 17, 2001.
2. Laboratory analyses were performed by En Chem, Inc. of Green Bay, Wisconsin, in accordance with US EPA Method SW846 3050B (RCRA Metals except mercury), US EPA Method SW846 7471A (mercury), and US EPA Method SW846 8260B (VOCs) and APL, Inc. of Milwaukee, Wisconsin, in accordance with Wisconsin Modified DRO Method (DRO) and US EPA Method SW846 8270 (PAHs).
3. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm).
4. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb).
5. NA = Not analyzed
6. "Q" = Analyte detected between Limit of Detection and Limit of Quantitation.
7. "B" = Methylene chloride present in blank at 26 ug/kg.
8. NR 720 Generic RCL = Chapter NR 720 Generic Residual Contaminant Level (non-industrial land use RCLs for RCRA metals).
9. * = RCL for trivalent chromium. ** = PRG for total chromium.
10. NS = No standard
11. NR 746 Table 1 = Chapter NR 746, Table 1: Indicators of Residual Petroleum Products in Soil Pores
12. NR 746 Table 2 = Chapter NR 746, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil
13. Interim RCL = more stringent Generic Residual Contaminant Level for protection of groundwater (gw) or direct contact (dc) pathway for non-industrial land use from WDNR Publication RR-519-97 "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance" (April 1997)
14. US EPA PRG = Preliminary Remediation Goal for residential and industrial soil from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
15. US EPA SSL = Soil Screening Level for migration to groundwater (with dilution-attenuation factor of 20) from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
16. Exceedances: **BOLD** = Concentration exceeds NR 720 Generic RCL (for DRO, Metals, VOCs) or Interim RCL (for PAHs)
BOLD = Concentration exceeds NR 746 Table 1 value
17. US EPA PRGs and SSLs only provided for relative benchmark concentrations.

Exhibit D

Table 3
Soil Analytical Quality Results
City of Milwaukee
South 2nd and South 3rd Street
Project # 6707

May 17, 2001

Soil Boring Identification:		GP-5			GP-6				MeOH	NR 720	NR 746	NR 746	Interim	US EPA PRG		US EPA
Sample Depth (ft):		2 - 4	4 - 6	6 - 8	0 - 2	2 - 4	4 - 6	6 - 8	Blank	RCL	Table 1	Table 2	RCL	Residential	Industrial	SSL
Parameter	Units															
Percent solids	%	82.1	85.2	82.9	80.7	86.2	80.3	79.4	NA	NS	NS	NS	NS	NS	NS	NS
Diesel Range Organics (DRO)	mg/kg	6.8	14	NA	<1.2	NA	4.6	NA	NA	100	NS	NS	NS	NS	NS	NS
RCRA Metals																
Arsenic	mg/kg	NA	7.1	NA	NA	3.6	NA	NA	NA	0.039	NS	NS	NS	0.39	2.7	29
Barium	mg/kg	NA	70	NA	NA	81	NA	NA	NA	NS	NS	NS	NS	5,400	100,000	1,600
Cadmium	mg/kg	NA	0.62	NA	NA	0.24	NA	NA	NA	8	NS	NS	NS	37	81	8
Chromium	mg/kg	NA	150	NA	NA	91	NA	NA	NA	16000*	NS	NS	NS	210**	450**	38**
Lead	mg/kg	NA	93	NA	NA	21	NA	NA	NA	50	NS	NS	NS	400	750	NS
Selenium	mg/kg	NA	1.1	NA	NA	0.84	NA	NA	NA	NS	NS	NS	NS	390	10,000	5
Silver	mg/kg	NA	<0.18	NA	NA	<0.17	NA	NA	NA	NS	NS	NS	NS	390	10,000	34
Mercury	mg/kg	NA	0.33	NA	NA	0.24	NA	NA	NA	NS	NS	NS	NS	23	610	NS
VOCs																
Benzene	µg/kg	NA	43 "Q"	<25	NA	<25	NA	<25	<25	5.5	8,500	1,100	NS	650	1,500	30
s-Butylbenzene	µg/kg	NA	<25	<25	NA	<25	NA	<25	<25	NS	NS	NS	NS	110,000	220,000	NS
n-Butylbenzene	µg/kg	NA	33 "Q"	<25	NA	<25	NA	<25	<25	NS	NS	NS	NS	140,000	240,000	NS
Dichlorodifluoromethane	µg/kg	NA	<25	<25	NA	<25	NA	<25	<25	NS	NS	NS	NS	94,000	310,000	NS
Ethylbenzene	µg/kg	NA	110	<25	NA	<25	NA	<25	<25	2,900	4,600	NS	NS	230,000	230,000	13,000
Fluorotrichloromethane	µg/kg	NA	<25	<25	NA	<25	NA	<25	<25	NS	NS	NS	NS	390,000	2,000,000	NS
Isopropylbenzene	µg/kg	NA	60 "Q"	<25	NA	<25	NA	<25	<25	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	µg/kg	NA	<25	<25	NA	<25	NA	<25	<25	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	µg/kg	NA	<25	<25	NA	<25	NA	<25	34 "Q,B"	NS	NS	NS	NS	8,900	21,000	20
Naphthalene	µg/kg	NA	480	6,300	NA	180	NA	72 "Q"	<25	NS	2,700	NS	NS	56,000	190,000	84,000
n-Propylbenzene	µg/kg	NA	80	<25	NA	<25	NA	<25	<25	NS	NS	NS	NS	140,000	240,000	NS
Tetrachloroethene	µg/kg	NA	47 "Q"	<25	NA	510	NA	3,600	<25	NS	NS	NS	NS	5,700	19,000	60
Toluene	µg/kg	NA	290	<25	NA	<25	NA	48 "Q"	<25	1,500	38,000	NS	NS	520,000	520,000	12,000
1,2,4-Trimethylbenzene	µg/kg	NA	240	98	NA	<25	NA	32 "Q"	<25	NS	83,000	NS	NS	52,000	170,000	NS
1,3,5-Trimethylbenzene	µg/kg	NA	41 "Q"	55 "Q"	NA	<25	NA	<25	<25	NS	11,000	NS	NS	21,000	70,000	NS
Xylenes (Total)	µg/kg	NA	940	154 "Q"	NA	<75	NA	134 "Q"	<75	4,100	42,000	NS	NS	210,000	210,000	210,000
PAHs																
1-Methylnaphthalene	µg/kg	<58	<57	NA	NA	NA	<60	NA	NA	NS	NS	NS	23,000 (gw)	NS	NS	NS
2-Methylnaphthalene	µg/kg	<59	<57	NA	NA	NA	<60	NA	NA	NS	NS	NS	20,000 (gw)	NS	NS	NS
Acenaphthene	µg/kg	<39	99 "Q"	NA	NA	NA	<40	NA	NA	NS	NS	NS	38,000 (gw)	3,700,000	38,000,000	570,000
Acenaphthylene	µg/kg	<49	<47	NA	NA	NA	<50	NA	NA	NS	NS	NS	700 (gw)	NS	NS	NS
Anthracene	µg/kg	<29	332	NA	NA	NA	<30	NA	NA	NS	NS	NS	3,000,000 (gw	22,000,000	100,000,000	12,000,000
Benzo(a)anthracene	µg/kg	<22	1,330	NA	NA	NA	116	NA	NA	NS	NS	NS	88 (dc)	620	2,900	2,000
Benzo(a)pyrene	µg/kg	<23	1,380	NA	NA	NA	141	NA	NA	NS	NS	NS	8.8 (dc)	62	290	8,000
Benzo(b)fluoranthene	µg/kg	<33	1,590	NA	NA	NA	167	NA	NA	NS	NS	NS	88 (dc)	620	2,900	5,000
Benzo(ghi)perylene	µg/kg	<38	461	NA	NA	NA	67 "Q"	NA	NA	NS	NS	NS	1,800 (dc)	NS	NS	NS
Benzo(k)fluoranthene	µg/kg	<18	437	NA	NA	NA	63	NA	NA	NS	NS	NS	880 (dc)	6,200	29,000	49,000
Chrysene	µg/kg	<29	1,380	NA	NA	NA	127	NA	NA	NS	NS	NS	8,800 (dc)	62,000	290,000	160,000
Dibenzo(a,h)anthracene	µg/kg	<39	88	NA	NA	NA	<40	NA	NA	NS	NS	NS	8.8 (dc)	62	290	2,000
Fluoranthene	µg/kg	<27	2,290	NA	NA	NA	149	NA	NA	NS	NS	NS	500,000 (gw)	2,300,000	30,000,000	4,300,000
Fluorene	µg/kg	<48	120	NA	NA	NA	<49	NA	NA	NS	NS	NS	100,000 (gw)	2,800,000	33,000,000	560,000
Indeno(1,2,3-cd)pyrene	µg/kg	<37	429	NA	NA	NA	69 "Q"	NA	NA	NS	NS	NS	88 (dc)	620	2,900	14,000
Naphthalene	µg/kg	<59	65	NA	NA	NA	<60	NA	NA	NS	2,700	NS	400 (gw)	56,000	190,000	84,000
Phenanthrene	µg/kg	<24	2,090	NA	NA	NA	43 "Q"	NA	NA	NS	NS	NS	1,800 (gw)	NS	NS	NS
Pyrene	µg/kg	<24	2,940	NA	NA	NA	208	NA	NA	NS	NS	NS	500,000 (dc)	2,300,000	54,000,000	4,200,000

Notes:
1. Soil samples collected by Sigma Environmental Services, Inc. on May 17, 2001.
2. Laboratory analyses were performed by En Chem, Inc. of Green Bay, Wisconsin, in accordance with US EPA Method SW846 3050B (RCRA Metals except mercury), US EPA Method SW846 7471A (mercury), and US EPA Method SW846 8260B (VOCs) and APL, Inc. of Milwaukee, Wisconsin, in accordance with Wisconsin Modified DRO Method (DRO) and US EPA Method SW846 8270 (PAHs).
3. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm).
4. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb).
5. NA = Not analyzed.
6. "Q" = Analyte detected between Limit of Detection and Limit of Quantitation.
7. "B" = Methylene chloride present in blank at 25 ug/kg.
8. NR 720 Generic RCL = Chapter NR 720 Generic Residual Contaminant Level (non-industrial land use RCLs for RCRA metals).
9. * = RCL for trivalent chromium. ** = PRG for total chromium.
10. NS = No standard.
11. NR 746 Table 1 = Chapter NR 746, Table 1: Indicators of Residual Petroleum Products in Soil Pores
12. NR 746 Table 2 = Chapter NR 746, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil
13. Interim RCL = more stringent Generic Residual Contaminant Level for protection of groundwater (gw) or direct contact (dc) pathway for non-industrial land use from WDNR Publication RR-519-97 "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance" (April 1997).
14. US EPA PRG = Preliminary Remediation Goal for residential and industrial soil from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
15. US EPA SSL = Soil Screening Level for migration to groundwater (with dilution-attenuation factor of 20) from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
16. Exceedances: **BOLD** = Concentration exceeds NR 720 Generic RCL (for DRO, Metals, VOCs) or Interim RCL (for PAHs)
BOLD = Concentration exceeds NR 746 Table 1 value
17. US EPA PRGs and SSLs only provided for relative benchmark concentrations.

Exhibit D

Table 3
Soil Analytical Quality Results
City of Milwaukee
South 2nd and South 3rd Street
Project # 6707

		May 17, 2001									NR	NR	NR	Interim			
Soil Boring Identification:		GP-7			GP-8					MeOH	720	746	746	RCL	US EPA PRG		US EPA
Sample Depth (ft):		2 - 4	4 - 6	8 - 11	0 - 2	2 - 4	4 - 6	6 - 8	8 - 11	Blank	RCL	Table 1	Table 2		Residential	Industrial	SSL
Parameter	Units																
Percent solids	%	84.4	82.8	84.2	87.1	85.0	80.4	85.7	83.8	NA	NS	NS	NS	NS	NS	NS	NS
Diesel Range Organics (DRO)	mg/kg	**405**	NA	**16,000**	15	NA	38	NA	1.4 "Q"	NA	100	NS	NS	NS	NS	NS	NS
RCRA Metals																	
Arsenic	mg/kg	NA	**4.8**	**5.6**	NA	**13**	NA	NA	NA	NA	0.039	NS	NS	NS	0.39	2.7	29
Barium	mg/kg	NA	89	60	NA	87	NA	NA	NA	NA	NS	NS	NS	NS	5,400	100,000	1,600
Cadmium	mg/kg	NA	0.47	0.33	NA	0.13	NA	NA	NA	NA	8	NS	NS	NS	37	81	8
Chromium	mg/kg	NA	59	95	NA	45	NA	NA	NA	NA	16000*	NS	NS	NS	210**	450**	38**
Lead	mg/kg	NA	**75**	37	NA	12	NA	NA	NA	NA	50	NS	NS	NS	400	750	NS
Selenium	mg/kg	NA	0.69	0.54	NA	1.6	NA	NA	NA	NA	NS	NS	NS	NS	390	10,000	5
Silver	mg/kg	NA	<0.18	<0.18	NA	<0.17	NA	NA	NA	NA	NS	NS	NS	NS	390	10,000	34
Mercury	mg/kg	NA	0.28	0.031	NA	0.024	NA	NA	NA	NA	NS	NS	NS	NS	23	610	NS
VOCs																	
Benzene	µg/kg	<25	<25	NA	NA	<25	NA	<25	NA	<25	5.5	8,500	1,100	NS	650	1,500	30
s-Butylbenzene	µg/kg	<25	<25	<25	NA	<25	NA	<25	NA	<25	NS	NS	NS	NS	110,000	220,000	NS
n-Butylbenzene	µg/kg	37 "Q"	83	NA	NA	<25	NA	<25	NA	<25	NS	NS	NS	NS	140,000	240,000	NS
Dichlorodifluoromethane	µg/kg	<25	<25	<25	NA	<25	NA	<25	NA	<25	NS	NS	NS	NS	94,000	310,000	NS
Ethylbenzene	µg/kg	<25	<25	NA	NA	<25	NA	<25	NA	<25	2,900	4,600	NS	NS	230,000	230,000	13,000
Fluorotrichloromethane	µg/kg	<25	<25	<25	NA	<25	NA	<25	NA	<25	NS	NS	NS	NS	390,000	2,000,000	NS
Isopropylbenzene	µg/kg	<25	<25	NA	NA	<25	NA	<25	NA	<25	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	µg/kg	<25	<25	<25	NA	<25	NA	<25	NA	<25	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	µg/kg	<25	<25	<25	NA	<25	NA	<25	NA	34 "Q,B"	NS	NS	NS	NS	8,900	21,000	20
Naphthalene	µg/kg	<25	<25	NA	NA	45 "Q"	NA	<25	NA	<25	NS	2,700	NS	NS	56,000	190,000	84,000
n-Propylbenzene	µg/kg	<25	34 "Q"	NA	NA	<25	NA	<25	NA	<25	NS	NS	NS	NS	140,000	240,000	NS
Tetrachloroethene	µg/kg	<25	<25	NA	NA	<25	NA	<25	NA	<25	NS	NS	NS	NS	5,700	19,000	60
Toluene	µg/kg	<25	<25	NA	NA	47 "Q"	NA	<25	NA	<25	1,500	38,000	NS	NS	520,000	520,000	12,000
1,2,4-Trimethylbenzene	µg/kg	47 "Q"	96	NA	NA	46 "Q"	NA	<25	NA	<25	NS	83,000	NS	NS	52,000	170,000	NS
1,3,5-Trimethylbenzene	µg/kg	<25	<25	NA	NA	<25	NA	<25	NA	<25	NS	11,000	NS	NS	21,000	70,000	NS
Xylenes (Total)	µg/kg	<75	<75	NA	NA	144 "Q"	NA	<75	NA	<75	4,100	42,000	NS	NS	210,000	210,000	210,000
PAHs																	
1-Methylnaphthalene	µg/kg	645	NA	NA	NA	NA	104 "Q"	NA	NA	NA	NS	NS	NS	23,000 (gw)	NS	NS	NS
2-Methylnaphthalene	µg/kg	<116	NA	NA	NA	NA	137 "Q"	NA	NA	NA	NS	NS	NS	20,000 (gw)	NS	NS	NS
Acenaphthene	µg/kg	379	NA	NA	NA	NA	388	NA	NA	NA	NS	NS	NS	38,000 (gw)	3,700,000	38,000,000	570,000
Acenaphthylene	µg/kg	<96	NA	NA	NA	NA	<50	NA	NA	NA	NS	NS	NS	700 (gw)	NS	NS	NS
Anthracene	µg/kg	385	NA	NA	NA	NA	773	NA	NA	NA	NS	NS	NS	3,000,000 (gw)	22,000,000	100,000,000	12,000,000
Benzo(a)anthracene	µg/kg	**592**	NA	NA	NA	NA	**1,110**	NA	NA	NA	NS	NS	NS	88 (dc)	620	2,900	2,000
Benzo(a)pyrene	µg/kg	**449**	NA	NA	NA	NA	**995**	NA	NA	NA	NS	NS	NS	8.8 (dc)	62	290	8,000
Benzo(b)fluoranthene	µg/kg	**443**	NA	NA	NA	NA	**1,390**	NA	NA	NA	NS	NS	NS	88 (dc)	620	2,900	5,000
Benzo(ghi)perylene	µg/kg	108 "Q"	NA	NA	NA	NA	220	NA	NA	NA	NS	NS	NS	1,800 (dc)	NS	NS	NS
Benzo(k)fluoranthene	µg/kg	131	NA	NA	NA	NA	425	NA	NA	NA	NS	NS	NS	880 (dc)	6,200	29,000	49,000
Chrysene	µg/kg	775	NA	NA	NA	NA	1,080	NA	NA	NA	NS	NS	NS	8,800 (dc)	62,000	290,000	160,000
Dibenzo(a,h)anthracene	µg/kg	<78	NA	NA	NA	NA	**71 "Q"**	NA	NA	NA	NS	NS	NS	8.8 (dc)	62	290	2,000
Fluoranthene	µg/kg	705	NA	NA	NA	NA	2,380	NA	NA	NA	NS	NS	NS	500,000 (gw)	2,300,000	30,000,000	4,300,000
Fluorene	µg/kg	533	NA	NA	NA	NA	423	NA	NA	NA	NS	NS	NS	100,000 (gw)	2,600,000	33,000,000	560,000
Indeno(1,2,3-cd)pyrene	µg/kg	**88 "Q"**	NA	NA	NA	NA	**248**	NA	NA	NA	NS	NS	NS	88 (dc)	620	2,900	14,000
Naphthalene	µg/kg	<116	NA	NA	NA	NA	312	NA	NA	NA	NS	2,700	NS	400 (gw)	56,000	190,000	84,000
Phenanthrene	µg/kg	**2,450**	NA	NA	NA	NA	**3,360**	NA	NA	NA	NS	NS	NS	1,800 (gw)	NS	NS	NS
Pyrene	µg/kg	1,250	NA	NA	NA	NA	2,120	NA	NA	NA	NS	NS	NS	500,000 (dc)	2,300,000	54,000,000	4,200,000

Notes:
1. Soil samples collected by Sigma Environmental Services, Inc. on May 17, 2001.
2. Laboratory analyses were performed by En Chem, Inc. of Green Bay, Wisconsin, in accordance with US EPA Method SW846 3050B (RCRA Metals except mercury), US EPA Method SW846 7471A (mercury), and US EPA Method SW846 8260B (VOCs) and APL, Inc. of Milwaukee, Wisconsin, in accordance with Wisconsin Modified DRO Method (DRO) and US EPA Method SW846 8270 (PAHs).
3. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm).
4. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb).
5. NA = Not analyzed
6. "Q" = Analyte detected between Limit of Detection and Limit of Quantitation.
7. "B" = Methylene chloride present in blank at 26 ug/kg.
8. NR 720 Generic RCL = Chapter NR 720 Generic Residual Contaminant Level (non-industrial land use RCLs for RCRA metals).
9. * = RCL for trivalent chromium. ** = PRG for total chromium.
10. NS = No standard
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16. Exceedances: **BOLD** (boxed) = Concentration exceeds NR 720 Generic RCL (for DRO, Metals, VOCs) or Interim RCL (for PAHs)
BOLD = Concentration exceeds NR 746 Table 1 value
17. US EPA PRGs and SSLs only provided for relative benchmark concentrations.

Exhibit D

Table 3 (con't)
Soil Analytical Quality Results
City of Milwaukee
South 2nd and South 3rd Street
Project # 6707

Soil Boring Identification		May 17, 2001					May 18, 2001				NR 720	NR 746	NS 746	Interim RCL	US EPA PRG		US EPA SSL
		GP-9				MeOH	GP-10			MeOH	RCL	Table 1	Table 2		Residential	Industrial	
Sample Depth (ft)		0 - 2	2 - 4	4 - 6	6 - 8	Blank	0 - 2	2 - 4	8 - 10	Blank							
Parameter	Units																
Percent Solids	%	97.2	90.2	78.3	77.9	NA	85.5	93.4	67.4	NA	NS	NS	NS	NS	NS	NS	NS
Diesel Range Organics (DRO)	mg/kg	3.3	NA	1.5 "Q"	NA	NA	21	55	NA	NA	100	NS	NS	NS	NS	NS	NS
RCRA Metals																	
Arsenic	mg/kg	NA	5.8	NA	NA	NA	NA	4.6	2.7	NA	0.039	NS	NS	NS	0.39	2.7	29
Barium	mg/kg	NA	41	NA	NA	NA	NA	47	35	NA	NS	NS	NS	NS	5,400	100,000	1,600
Cadmium	mg/kg	NA	0.22	NA	NA	NA	NA	0.87	0.23	NA	8	NS	NS	NS	37	81	8
Chromium	mg/kg	NA	32	NA	NA	NA	24	16	NA	NA	120000*	NS	NS	NS	210**	450**	38**
Lead	mg/kg	NA	21	NA	NA	NA	72	7.6	NA	NA	50	NS	NS	NS	400	750	NS
Selenium	mg/kg	NA	0.79	NA	NA	NA	1.1	0.89	NA	NA	NS	NS	NS	NS	390	10,000	5
Silver	mg/kg	NA	<0.17	NA	NA	NA	<0.16	<0.17	NA	NA	NS	NS	NS	NS	390	10,000	34
Mercury	mg/kg	NA	0.025	NA	NA	NA	0.23	0.0067 "Q"	NA	NA	NS	NS	NS	NS	23	610	NS
VOCs																	
Benzene	µg/kg	NA	<25	NA	<25	<25	<25	<25	NA	<25	5.5	1,500	1,100	NS	620	1,400	30
s-Butylbenzene	µg/kg	NA	<25	NA	<25	<25	<25	<25	NA	<25	NS	NS	NS	NS	110,000	220,000	NS
n-Butylbenzene	µg/kg	NA	<25	NA	<25	<25	<25	<25	NA	<25	NS	NS	NS	NS	140,000	240,000	NS
Dichlorodifluoromethane	µg/kg	NA	<25	NA	<25	<25	62 "Q"	<25	NA	25 "Q"	NS	NS	NS	NS	94,000	310,000	NS
Ethylbenzene	µg/kg	NA	<25	NA	<25	<25	<25	<25	NA	<25	2,900	1,500	NS	NS	230,000	230,000	13,000
Fluorotrichloromethane	µg/kg	NA	<25	NA	<25	<25	490	<25	NA	57 "Q"	NS	NS	NS	NS	390,000	2,900,000	NS
Isopropylbenzene	µg/kg	NA	<25	NA	<25	<25	<25	<25	NA	<25	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	µg/kg	NA	<25	NA	<25	<25	<25	<25	NA	<25	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	µg/kg	NA	32 "Q,B"	NA	<25	34 "Q,B"	<25	<25	NA	<25	NS	NS	NS	NS	8,900	21,000	20
Naphthalene	µg/kg	NA	58 "Q"	NA	<25	<25	<25	120	NA	<25	NS	2,700	NS	NS	56,000	190,000	84,000
n-Propylbenzene	µg/kg	NA	<25	NA	<25	<25	<25	<25	NA	<25	NS	NS	NS	NS	140,000	240,000	NS
Tetrachloroethene	µg/kg	NA	<25	NA	<25	<25	<25	<25	NA	<25	NS	NS	NS	NS	5,700	19,000	99
Toluene	µg/kg	NA	50 "Q"	NA	<25	<25	<25	<25	NA	<25	1,500	38,000	NS	NS	520,000	520,000	12,000
1,2,4-Trimethylbenzene	µg/kg	NA	49 "Q"	NA	<25	<25	<25	<25	NA	<25	NS	83,000	NS	NS	52,000	170,000	NS
1,3,5-Trimethylbenzene	µg/kg	NA	<25	NA	<25	<25	<25	<25	NA	<25	NS	11,000	NS	NS	21,000	70,000	NS
Xylenes (Total)	µg/kg	NA	117 "Q"	NA	<75	<75	<75	<75	NA	<75	4,100	42,000	NS	NS	210,000	210,000	210,000
PAHs																	
1-Methylnaphthalene	µg/kg	NA	NA	<61	NA	NA	<53	NA	<55	NA	NS	NS	NS	23,000 (gw)	NS	NS	NS
2-Methylnaphthalene	µg/kg	NA	NA	<62	NA	NA	<54	NA	<56	NA	NS	NS	NS	20,000 (gw)	NS	NS	NS
Acenaphthene	µg/kg	NA	NA	<41	NA	NA	<36	NA	<37	NA	NS	NS	NS	38,000 (gw)	3,700,000	38,000,000	570,000
Acenaphthylene	µg/kg	NA	NA	<51	NA	NA	<45	NA	<46	NA	NS	NS	NS	700 (gw)	NS	NS	NS
Anthracene	µg/kg	NA	NA	<31	NA	NA	193	NA	<28	NA	NS	NS	NS	3,000,000 (gw)	22,000,000	100,000,000	12,000,000
Benzo(a)anthracene	µg/kg	NA	NA	<23	NA	NA	461	NA	<21	NA	NS	NS	NS	88 (dc)	620	2,900	2,000
Benzo(a)pyrene	µg/kg	NA	NA	61 "Q"	NA	NA	485	NA	<21	NA	NS	NS	NS	8.8 (dc)	62	290	5,000
Benzo(b)fluoranthene	µg/kg	NA	NA	65 "Q"	NA	NA	542	NA	<31	NA	NS	NS	NS	88 (dc)	620	2,900	5,000
Benzo(ghi)perylene	µg/kg	NA	NA	<40	NA	NA	253	NA	<36	NA	NS	NS	NS	1,800 (dc)	NS	NS	NS
Benzo(k)fluoranthene	µg/kg	NA	NA	28 "Q"	NA	NA	219	NA	<27	NA	NS	NS	NS	880 (dc)	6,200	29,000	49,000
Chrysene	µg/kg	NA	NA	<30	NA	NA	447	NA	<27	NA	NS	NS	NS	8,800 (dc)	62,000	290,000	160,000
Dibenzo(a,h)anthracene	µg/kg	NA	NA	<41	NA	NA	71 "Q"	NA	<37	NA	NS	NS	NS	8.8 (dc)	62	290	2,000
Fluoranthene	µg/kg	NA	NA	111	NA	NA	880	NA	<25	NA	NS	NS	NS	500,000 (gw)	2,300,000	30,000,000	4,300,000
Fluorene	µg/kg	NA	NA	<50	NA	NA	<43	NA	<45	NA	NS	NS	NS	100,000 (gw)	2,600,000	33,000,000	560,000
Indeno(1,2,3-cd)pyrene	µg/kg	NA	NA	<30	NA	NA	250	NA	<26	NA	NS	NS	NS	88 (dc)	620	2,900	14,000
Naphthalene	µg/kg	NA	NA	<62	NA	NA	<54	NA	<55	NA	NS	2,700	NS	400 (gw)	56,000	190,000	84,000
Phenanthrene	µg/kg	NA	NA	87	NA	NA	428	NA	<23	NA	NS	NS	NS	1,800 (gw)	NS	NS	NS
Pyrene	µg/kg	NA	NA	113	NA	NA	710	NA	<21	NA	NS	NS	NS	300,000 (dc)	2,300,000	54,000,000	4,200,000

Notes:
1. Soil samples collected by Sigma Environmental Services, Inc. on May 17, 2001.
2. Laboratory analyses were performed by En Chem, Inc. of Green Bay, Wisconsin, in accordance with US EPA Method SW846 3050B (RCRA Metals except mercury), US EPA Method SW846 7471A (mercury), and US EPA Method SW846 8260B (VOCs) and APL, Inc. of Milwaukee, Wisconsin, in accordance with Wisconsin Modified DRO Method (DRO) and US EPA Method SW846 8270 (PAHs).
3. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm).
4. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb).
5. NA = Not analyzed
6. "Q" = Analyte detected between Limit of Detection and Limit of Quantitation
7. "B" = Methylene chloride present in blank at 26 ug/kg.
8. NR 720 Generic RCL = Chapter NR 720 Generic Residual Contaminant Level (non-industrial land use RCLs for RCRA metals)
9. * = RCL for trivalent chromium. ** = PRG for total chromium.
10. NS = No standard
11. NR 746 Table 1 = Chapter NR 746, Table 1: Indicators of Residual Petroleum Products in Soil Pores
12. NR 746 Table 2 = Chapter NR 746, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil
13. Interim RCL = more stringent Generic Residual Contaminant Level for protection of groundwater (gw) or direct contact (dc) pathway for non-industrial land use from WDNR Publication RR-519-97 "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance" (April 1997).
14. US EPA PRG = Preliminary Remediation Goal for residential and industrial soil from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
15. US EPA SSL = Soil Screening Level for migration to groundwater (with dilution-attenuation factor of 20) from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
16. Exceedances: **BOLD** = Concentration exceeds NR 720 Generic RCL (for DRO, Metals, VOCs) or Interim RCL (for PAHs)
BOLD = Concentration exceeds NR 746 Table 1 value
17. US EPA PRGs and SSLs only provided for relative benchmark concentrations.

Exhibit D

Table 3 (Cont'd)
Soil Analytical Quality Results
South 2nd and South 3rd Street
Sigma Project No. 6707

Soil Boring Identification:		GP-11			GP-12				GP-13		MeOH	NR 720	NR 746 Table 1	NR 746 Table 2	Interim RCL	US EPA PRG		US EPA SSL
Sample Depth (ft):		0 - 2	2 - 4	4 - 6	0 - 2	2 - 4	4 - 6	6 - 8	0 - 2	6 - 8	Blank	RCL				Residential	Industrial	
Parameter	Units																	
Percent solids	%	93.7	90.7	79.5	84.9	85.9	84.1	92.1	88.3	91.9	NA	NS	NS	NS	NS	NS	NS	NS
Diesel Range Organics (DRO)	mg/kg	15	41	NA	NA	12 "Q"	27 "Q"	NA	8.1	9 "Q"	NA	100	NS	NS	NS	NS	NS	NS
RCRA Metals																		
Arsenic	mg/kg	NA	NA	5.6	NA	NA	NA	4.5	4.4 "E"	NA	NA	0.039	NS	NS	NS	0.39	2.1	29
Barium	mg/kg	NA	NA	49	NA	NA	NA	49	100	NA	NA	NS	NS	NS	NS	5,400	100,000	1,600
Cadmium	mg/kg	NA	NA	0.31	NA	NA	NA	0.36	0.35	NA	NA	8	NS	NS	NS	37	81	8
Chromium	mg/kg	NA	NA	23	NA	NA	NA	45	310	NA	NA	16000 *	NS	NS	NS	210**	450**	38**
Lead	mg/kg	NA	NA	12	NA	NA	NA	65	82	NA	NA	50	NS	NS	NS	400	750	NS
Selenium	mg/kg	NA	NA	0.98	NA	NA	NA	1.2	0.82	NA	NA	NS	NS	NS	NS	390	10,000	5
Silver	mg/kg	NA	NA	<0.13	NA	NA	NA	<0.16	<0.17	NA	NA	NS	NS	NS	NS	390	10,000	34
Mercury	mg/kg	NA	NA	0.015	NA	NA	NA	1.0	0.020	NA	NA	NS	NS	NS	NS	23	610	NS
VOCs																		
Benzene	µg/kg	<25	NA	<25	<25	NA	NA	<25	<25	<25	<25	5.5	5,500	1,100	NS	650	1,300	20
s-Butylbenzene	µg/kg	<25	NA	<25	<25	NA	NA	120	<25	<25	<25	NS	NS	NS	NS	110,000	220,000	NS
n-Butylbenzene	µg/kg	<25	NA	<25	<25	NA	NA	<25	<25	<25	<25	NS	NS	NS	NS	140,000	240,000	NS
Dichlorodifluoromethane	µg/kg	<25	NA	<25	<25	NA	NA	<25	<25	<25	25 "Q"	NS	NS	NS	NS	94,000	310,000	NS
Ethylbenzene	µg/kg	<25	NA	<25	<25	NA	NA	31 "Q"	<25	<25	<25	2,900	4,600	NS	NS	230,000	230,000	13,000
Fluorotrichloromethane	µg/kg	<25	NA	<25	<25	NA	NA	<25	<25	<25	27 "Q"	NS	NS	NS	NS	390,000	2,000,000	NS
Isopropylbenzene	µg/kg	<25	NA	<25	<25	NA	NA	70	<25	<25	<25	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	µg/kg	<25	NA	<25	<25	NA	NA	55 "Q"	<25	<25	<25	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	µg/kg	<25	NA	31 "Q,B"	30 "Q,B"	NA	NA	<25	35 "Q,B"	<25	<25	NS	NS	NS	NS	8,900	21,000	20
Naphthalene	µg/kg	<25	NA	<25	42 "Q"	NA	NA	<25	<25	<25	<25	NS	2,700	NS	NS	56,000	190,000	84,000
n-Propylbenzene	µg/kg	<25	NA	<25	<25	NA	NA	200	<25	<25	<25	NS	NS	NS	NS	140,000	240,000	NS
Tetrachloroethene	µg/kg	<25	NA	<25	<25	NA	NA	<25	29 "Q"	<25	<25	NS	NS	NS	NS	5,700	19,000	60
Toluene	µg/kg	<25	NA	<25	<25	NA	NA	<25	<25	<25	<25	1,500	38,000	NS	NS	520,000	520,000	12,000
1,2,4-Trimethylbenzene	µg/kg	<25	NA	<25	<25	NA	NA	200	<25	<25	<25	NS	83,000	NS	NS	52,000	170,000	NS
1,3,5-Trimethylbenzene	µg/kg	<25	NA	<25	<25	NA	NA	79	<25	<25	<25	NS	11,000	NS	NS	21,000	70,000	NS
Xylenes (Total)	µg/kg	<75	NA	<75	<75	NA	NA	<75	<75	<75	<75	4,100	42,000	NS	NS	210,000	210,000	210,000
PAHs																		
1-Methylnaphthalene	µg/kg	<54	<53	NA	NA	NA	NA	<57	NA	<55	NA	NA	NS	NS	NS	23,000 (gw)	NS	NS	NS
2-Methylnaphthalene	µg/kg	<55	<53	NA	NA	NA	NA	<58	NA	<56	NA	NA	NS	NS	NS	20,000 (gw)	NS	NS	NS
Acenaphthene	µg/kg	93 "Q"	<26	NA	NA	NA	NA	<39	NA	<37	NA	NA	NS	NS	NS	38,000 (gw)	3,700,000	38,000,000	570,000
Acenaphthylene	µg/kg	<46	243	NA	NA	NA	NA	<48	NA	<46	NA	NA	NS	NS	NS	700 (gw)	NS	NS	NS
Anthracene	µg/kg	275	132	NA	NA	NA	NA	<29	NA	<28	NA	NA	NS	NS	NS	3,000,000 (gw)	22,000,000	100,000,000	12,000,000
Benzo(a)anthracene	µg/kg	1,390	1,630	NA	NA	NA	NA	<32	NA	32 "Q"	NA	NA	NS	NS	NS	88 (dc)	620	2,900	2,000
Benzo(a)pyrene	µg/kg	1,350	2,240	NA	NA	NA	NA	<27	NA	41 "Q"	NA	NA	NS	NS	NS	8.8 (dc)	62	290	8,000
Benzo(b)fluoranthene	µg/kg	1,530	3,100	NA	NA	NA	NA	<32	NA	45 "Q"	NA	NA	NS	NS	NS	88 (dc)	620	2,900	5,000
Benzo(ghi)perylene	µg/kg	403	937	NA	NA	NA	NA	<38	NA	<36	NA	NA	NS	NS	NS	1,800 (dc)	NS	NS	NS
Benzo(k)fluoranthene	µg/kg	858	768	NA	NA	NA	NA	<19	NA	20 "Q"	NA	NA	NS	NS	NS	880 (dc)	6,200	29,000	49,000
Chrysene	µg/kg	1,440	1,879	NA	NA	NA	NA	<20	NA	42 "Q"	NA	NA	NS	NS	NS	8,800 (dc)	62,000	290,000	160,000
Dibenzo(a,h)anthracene	µg/kg	88 "Q"	39 "Q"	NA	NA	NA	NA	<39	NA	<37	NA	NA	NS	NS	NS	8.8 (dc)	62	290	2,000
Fluoranthene	µg/kg	2,740	2,849	NA	NA	NA	NA	<26	NA	69 "Q"	NA	NA	NS	NS	NS	500,000 (gw)	2,300,000	30,000,000	4,300,000
Fluorene	µg/kg	157	<43	NA	NA	NA	NA	<46	NA	<45	NA	NA	NS	NS	NS	100,000 (gw)	2,600,000	33,000,000	560,000
Indeno(1,2,3-cd)pyrene	µg/kg	420	951	NA	NA	NA	NA	<36	NA	<35	NA	NA	NS	NS	NS	88 (dc)	620	2,900	14,000
Naphthalene	µg/kg	<55	<53	NA	NA	NA	NA	<57	NA	<56	NA	NA	NS	2,700	NS	400 (gw)	56,000	190,000	84,000
Phenanthrene	µg/kg	1,730	483	NA	NA	NA	NA	<24	NA	38 "Q"	NA	NA	NS	NS	NS	1,800 (gw)	NS	NS	NS
Pyrene	µg/kg	2,330	2,160	NA	NA	NA	NA	<24	NA	58 "Q"	NA	NA	NS	NS	NS	500,000 (dc)	2,300,000	54,000,000	4,200,000

Notes:

1. Soil samples collected by Sigma Environmental Services, Inc. on May 18, 2001.
2. Laboratory analyses were performed by En Chem, Inc. of Green Bay, Wisconsin, in accordance with US EPA Method SW846 3050B (RCRA Metals except mercury), US EPA Method SW846 7471A (mercury), and US EPA Method SW846 8260B (VOCs) and APL, Inc. of Milwaukee, Wisconsin, in accordance with Wisconsin Modified DRO Method (DRO) and US EPA Method SW846 8270 (PAHs).
3. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm).
4. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb).
5. NA = Not analyzed
6. "Q" = Analyte detected between Limit of Detection and Limit of Quantitation.
7. "B" = Methylene chloride present in blank at 26 ug/kg.
8. "E" = Analyte failed the serial dilution limit of +/- 10%.
9. NR 720 Generic RCL = Chapter NR 720 Generic Residual Contaminant Level (non-industrial land use RCLs for RCRA metals).
10. * = RCL for trivalent chromium. ** = PRG for total chromium.
11. NS = No standard
12. NR 746 Table 1 = Chapter NR 746, Table 1: Indicators of Residual Petroleum Products in Soil Pores
13. NR 746 Table 2 = Chapter NR 746, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil
14. Interim RCL = more stringent Generic Residual Contaminant Level for protection of groundwater (gw) or direct contact (dc) pathway for non-industrial land use from WDNR Publication RR-519-97 "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance" (April 1997).
15. US EPA PRG = Preliminary Remediation Goal for residential and industrial soil from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
16. US EPA SSL = Soil Screening Level for migration to groundwater (with dilution-attenuation factor of 20) from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
17. Exceedances: **BOLD** = Concentration exceeds NR 720 Generic RCL (for DRO, Metals, VOCs) or Interim RCL (for PAHs)
BOLD = Concentration exceeds NR 746 Table 1 value
18. US EPA PRGs and SSLs only provided for relative benchmark concentrations.

Exhibit D

Table 3 (Con't)
Soil Analytical Quality Results
South 2nd and South 3rd Street
Sigma Project No. 6707

Soil Boring Identification:		June 7, 2002 GP-15	GP-17	NR 720	NR 746	NR 746	Interim	US EPA PRG		US EPA
Sample Depth (ft):		6-8	8-10	RCL	Table 1	Table 2	RCL	Residential	Industrial	SSL
Parameter	**Units**									
Percent solids	%	85.4	72.2	NS	NS	NS	NS	NS	NS	NS
Diesel Range Organics (DRO)	mg/kg	<5.9	76 "H"	100	NS	NS	NS	NS	NS	NS
Gasoline Range Organics (GR	mg/kg	<5.9	<6.9	101	NS	NS	NS	NS	NS	NS
RCRA Metals										
Arsenic	mg/kg	NA	NA	0.039	NS	NS	NS	0.39	2.7	29
Barium	mg/kg	NA	NA	NS	NS	NS	NS	5,400	100,000	1,600
Cadmium	mg/kg	NA	NA	8	NS	NS	NS	37	81	8
Chromium	mg/kg	NA	NA	16000 *	NS	NS	NS	210**	450**	38**
Lead	mg/kg	NA	NA	50	NS	NS	NS	400	750	NS
Selenium	mg/kg	NA	NA	NS	NS	NS	NS	390	10,000	5
Silver	mg/kg	NA	NA	NS	NS	NS	NS	390	10,000	34
Mercury	mg/kg	NA	NA	NS	NS	NS	NS	23	610	NS
VOCs										
Benzene	µg/kg	<29	<35	5.5	8,500	1,100	NS	650	1,500	30
s-Butylbenzene	µg/kg	NA	NA	NS	NS	NS	NS	110,000	220,000	NS
n-Butylbenzene	µg/kg	NA	NA	NS	NS	NS	NS	140,000	240,000	NS
Dichlorodifluoromethane	µg/kg	NA	NA	NS	NS	NS	NS	94,000	310,000	NS
Ethylbenzene	µg/kg	<29	<35	2,900	4,600	NS	NS	230,000	230,000	13,000
Fluorotrichloromethane	µg/kg	NA	NA	NS	NS	NS	NS	390,000	2,000,000	NS
Isopropylbenzene	µg/kg	NA	NA	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	µg/kg	NA	NA	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	µg/kg	NA	NA	NS	NS	NS	NS	8,900	21,000	20
Naphthalene	µg/kg	NA	NA	NS	2,700	NS	NS	56,000	190,000	84,000
n-Propylbenzene	µg/kg	NA	NA	NS	NS	NS	NS	140,000	240,000	NS
Tetrachloroethene	µg/kg	NA	NA	NS	NS	NS	NS	5,700	19,000	60
Toluene	µg/kg	<29	<35	1,500	38,000	NS	NS	520,000	520,000	12,000
1,2,4-Trimethylbenzene	µg/kg	<29	<35	NS	83,000	NS	NS	52,000	170,000	NS
1,3,5-Trimethylbenzene	µg/kg	<29	<35	NS	11,000	NS	NS	21,000	70,000	NS
Xylenes (Total)	µg/kg	<88	<100	4,100	42,000	NS	NS	210,000	210,000	210,000
PAHs										
1-Methylnaphthalene	µg/kg	NA	NA	NS	NS	NS	23,000 (gw)	NS	NS	NS
2-Methylnaphthalene	µg/kg	NA	NA	NS	NS	NS	20,000 (gw)	NS	NS	NS
Acenaphthene	µg/kg	NA	NA	NS	NS	NS	38,000 (gw)	3,700,000	38,000,000	570,000
Acenaphthylene	µg/kg	NA	NA	NS	NS	NS	700 (gw)	NS	NS	NS
Anthracene	µg/kg	NA	NA	NS	NS	NS	3,000,000 (gw)	22,000,000	**********	12,000,000
Benzo(a)anthracene	µg/kg	NA	NA	NS	NS	NS	88 (dc)	620	2,900	2,000
Benzo(a)pyrene	µg/kg	NA	NA	NS	NS	NS	8.8 (dc)	62	290	8,000
Benzo(b)fluoranthene	µg/kg	NA	NA	NS	NS	NS	88 (dc)	620	2,900	5,000
Benzo(ghi)perylene	µg/kg	NA	NA	NS	NS	NS	1,800 (dc)	NS	NS	NS
Benzo(k)fluoranthene	µg/kg	NA	NA	NS	NS	NS	880 (dc)	6,200	29,000	49,000
Chrysene	µg/kg	NA	NA	NS	NS	NS	8,800 (dc)	62,000	290,000	160,000
Dibenzo(a,h)anthracene	µg/kg	NA	NA	NS	NS	NS	8.8 (dc)	62	290	2,000
Fluoranthene	µg/kg	NA	NA	NS	NS	NS	500,000 (gw)	2,300,000	30,000,000	4,300,000
Fluorene	µg/kg	NA	NA	NS	NS	NS	100,000 (gw)	2,600,000	33,000,000	560,000
Indeno(1,2,3-cd)pyrene	µg/kg	NA	NA	NS	NS	NS	88 (dc)	620	2,900	14,000
Naphthalene	µg/kg	NA	NA	NS	2,700	NS	400 (gw)	56,000	190,000	84,000
Phenanthrene	µg/kg	NA	NA	NS	NS	NS	1,800 (gw)	NS	NS	NS
Pyrene	µg/kg	NA	NA	NS	NS	NS	500,000 (dc)	2,300,000	54,000,000	4,200,000

Notes:
1. Soil samples collected by Sigma Environmental Services, Inc. on June 7, 2002.
2. Laboratory analyses were performed by En Chem, Inc. of Green Bay, Wisconsin, in accordance with US EPA Method SW846 3050B (RCRA Metals except mercury), US EPA Method SW846 7471A (mercury), and US EPA Method SW846 8260B (VOCs), Wisconsin Modified DRO Method (DRO) and Wisconsin GRO Method (GRO).
3. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm).
4. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb).
5. NA = Not analyzed
6. "H" = Late eluting hydrocarbons present.
7. NR 720 Generic RCL = Chapter NR 720 Generic Residual Contaminant Level (non-industrial land use RCLs for RCRA metals).
10. * = RCL for trivalent chromium. ** = PRG for total chromium.
9. NS = No standard
10. NR 746 Table 1 = Chapter NR 746, Table 1: Indicators of Residual Petroleum Products in Soil Pores
11. NR 746 Table 2 = Chapter NR 746, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil
12. Interim RCL = more stringent Generic Residual Contaminant Level for protection of groundwater (gw) or direct contact (dc) pathway for non-industrial land use from WDNR Publication RR-519-97 "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance" (April 1997).
13. US EPA PRG = Preliminary Remediation Goal for residential and industrial soil from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
14. US EPA SSL = Soil Screening Level for migration to groundwater (with dilution-attenuation factor of 20) from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
15. Exceedances: **BOLD** = Concentration exceeds NR 720 Generic RCL (for DRO, Metals, VOCs) or Interim RCL (for PAHs)
BOLD = Concentration exceeds NR 746 Table 1 value
16. US EPA PRGs and SSLs only provided for relative benchmark concentrations.

Exhibit D

Table 3 (Con't)
Soil Analytical Quality Results
South 2nd and South 3rd Street
Sigma Project No. 6707

Soil Boring Identification:		August 29, 2001						NR 720	NR 746	NR 746	Interim	US EPA PRG		US EPA
		MW-1		MW-2		MW-3								
Sample Depth (ft):		5 - 6	9 - 10	3 - 4	8 - 10	4 - 6	10 - 12	RCL	Table 1	Table 2	RCL	Residential	Industrial	SSL
Parameter	Units													
Percent solids	%	84.0	86.8	84.8	74.8	84.6	82.9	NS	NS	NS	NS	NS	NS	NS
Diesel Range Organics (DRO)	mg/kg	NA	NA	NA	NA	NA	NA	100	NS	NS	NS	NS	NS	NS
RCRA Metals														
Arsenic	mg/kg	4.2	0.82	24	5	9.9	4.8	0.039	NS	NS	NS	0.39	27	29
Barium	mg/kg	60	32	150	73	76	52	NS	NS	NS	NS	5,400	100,000	1,600
Cadmium	mg/kg	0.31	0.27	2.8	0.35	0.31	0.34	8	NS	NS	NS	37	81	8
Chromium	mg/kg	22	16	78	13	290	12	16000 *	NS	NS	NS	210**	450**	38**
Lead	mg/kg	11	6.7	81	72	41	53	50	NS	NS	NS	400	750	NS
Selenium	mg/kg	0.47 "Q"	0.47 "Q"	1.1	0.6 "Q"	1.0	0.77 "Q"	NS	NS	NS	NS	390	10,000	5
Silver	mg/kg	<0.19	<0.17	<0.19	<0.20	<0.18	<0.19	NS	NS	NS	NS	390	10,000	34
Mercury	mg/kg	0.037	<0.0060	0.12	0.07	0.12	0.18	NS	NS	NS	NS	23	610	NS
VOCs														
Benzene	µg/kg	<25	<25	<25	<50	<25	<25	5.5	6,500	1,100	NS	650	1,500	30
s-Butylbenzene	µg/kg	<25	<25	<25	470	<25	<25	NS	NS	NS	NS	110,000	220,000	NS
n-Butylbenzene	µg/kg	<25	<25	<25	2,100	<25	<25	NS	NS	NS	NS	140,000	240,000	NS
Dichlorodifluoromethane	µg/kg	<25	<25	<25	<50	<25	<25	NS	NS	NS	NS	94,000	310,000	NS
Ethylbenzene	µg/kg	<25	<25	30 "Q"	1,400	<25	<25	2,900	4,600	NS	NS	230,000	230,000	13,000
Fluorotrichloromethane	µg/kg	<25	<25	<25	<50	<25	<25	NS	NS	NS	NS	390,000	2,000,000	NS
Isopropylbenzene	µg/kg	<25	<25	<25	410	<25	<25	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	µg/kg	<25	<25	<25	910	<25	<25	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	µg/kg	<25	<25	<25	<50	<25	<25	NS	NS	NS	NS	8,900	21,000	20
Naphthalene	µg/kg	<25	<25	250	21,000	110	<25	NS	2,700	NS	NS	56,000	190,000	84,000
n-Propylbenzene	µg/kg	<25	<25	<25	1,900	<25	<25	NS	NS	NS	NS	140,000	240,000	NS
Tetrachloroethene	µg/kg	<25	<25	<25	<50	150	<25	NS	NS	NS	NS	5,700	19,000	60
Toluene	µg/kg	<25	<25	93	<50	49 "Q"	<25	1,500	38,000	NS	NS	520,000	520,000	12,000
Trichloroethene	µg/kg	<25	<25	<25	<25	31 "Q"	<25	NS	NS	NS	NS	2,800	6,100	60
1,2,4-Trimethylbenzene	µg/kg	<25	<25	96	21,000	84 "Q"	<25	NS	83,000	NS	NS	62,000	170,000	NS
1,3,5-Trimethylbenzene	µg/kg	<25	<25	<25	220	<25	<25	NS	11,000	NS	NS	21,000	70,000	NS
Xylenes (Total)	µg/kg	<50	<50	320	3,300	107 "Q"	<50	4,100	42,000	NS	NS	210,000	210,000	210,000
PAHs														
1-Methylnaphthalene	µg/kg	<17	<16	520	60,000	300 "Q"	24 "Q"	NS	NS	NS	23,000 (gw)	NS	NS	NS
2-Methylnaphthalene	µg/kg	<14	<14	490	66,000	300 "Q"	19 "Q"	NS	NS	NS	20,000 (gw)	NS	NS	NS
Acenaphthene	µg/kg	<20	<19	340	6,200	490 "Q"	41 "Q"	NS	NS	NS	38,000 (gw)	3,700,000	38,000,000	570,000
Acenaphthylene	µg/kg	<15	<14	140 "Q"	1900 "Q"	320 "Q"	15 "Q"	NS	NS	NS	700 (gw)	NS	NS	NS
Anthracene	µg/kg	<14	<14	1,100	3,600	3,000	130	NS	NS	NS	3,000,000 (gw)	22,000,000	100,000,000	12,000,000
Benzo(a)anthracene	µg/kg	<16	<16	2,600	3,800	6,400	210	NS	NS	NS	88 (dc)	620	2,900	2,000
Benzo(a)pyrene	µg/kg	<15	<14	2,300	2,800	5,300	170	NS	NS	NS	8.8 (dc)	62	290	8,000
Benzo(b)fluoranthene	µg/kg	<13	<13	1,700	880 "Q"	3,600	110	NS	NS	NS	88 (dc)	620	2,900	5,000
Benzo(ghi)perylene	µg/kg	<14	<13	1,100	910 "Q"	2,700	71	NS	NS	NS	1,800 (dc)	NS	NS	NS
Benzo(k)fluoranthene	µg/kg	<15	<15	2,300	<700	5,500	140	NS	NS	NS	880 (dc)	6,200	29,000	49,000
Chrysene	µg/kg	<16	<16	2,500	6,500	6,000	190	NS	NS	NS	8,800 (dc)	62,000	290,000	160,000
Dibenzo(a,h)anthracene	µg/kg	<13	<13	390	<590	1,100	30 "Q"	NS	NS	NS	8.8 (dc)	62	290	2,000
Fluoranthene	µg/kg	<12	<12	6,000	1,900	14,000	410	NS	NS	NS	500,000 (gw)	2,300,000	30,000,000	4,300,000
Fluorene	µg/kg	<15	<14	470	5,300	780	57	NS	NS	NS	100,000 (gw)	2,600,000	33,000,000	560,000
Indeno(1,2,3-cd)pyrene	µg/kg	<14	<13	1,100	<610	2,700	68	NS	NS	NS	88 (dc)	620	2,900	14,000
Naphthalene	µg/kg	<20	<20	600	5,000	540 "Q"	32 "Q"	NS	2,700	NS	400 (gw)	56,000	190,000	84,000
Phenanthrene	µg/kg	<13	<13	5,400	32,000	11,000	360	NS	NS	NS	1,800 (gw)	NS	NS	NS
Pyrene	µg/kg	<14	<14	5,800	11,000	13,000	410	NS	NS	NS	500,000 (dc)	2,300,000	54,000,000	4,200,000

Notes:

1 Soil samples collected by Sigma Environmental Services, Inc. on August 29, 2001.

2. Laboratory analyses were performed by En Chem, Inc. of Green Bay, Wisconsin, in accordance with US EPA Method SW846 3050B (RCRA Metals except mercury), US EPA Method SW846 7471A (mercury), and US EPA Method SW846 8260B (VOCs) and APL, Inc. of Milwaukee, Wisconsin, in accordance with Wisconsin Modified DRO Method (DRO) and US EPA Method SW846 8270 (PAHs).

3. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)

4 µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb).

5 NA = Not analyzed

6. "Q" = Analyte detected between Limit of Detection and Limit of Quantitation.

7. "B" = Methylene chloride present in blank at 26 ug/kg

8 "E" = Analyte failed the serial dilution limit of +/- 10%.

9. NR 720 Generic RCL = Chapter NR 720 Generic Residual Contaminant Level (non-Industrial land use RCLs for RCRA metals).

10. * = RCL for trivalent chromium. ** = PRG for total chromium.

11. NS = No standard

12. NR 746 Table 1 = Chapter NR 746, Table 1: Indicators of Residual Petroleum Products in Soil Pores

13. NR 746 Table 2 = Chapter NR 746, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil

14. Interim RCL = more stringent Generic Residual Contaminant Level for protection of groundwater (gw) or direct contact (dc) pathway for non-industrial land use from WDNR Publication RR-519-97 "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance" (April 1997).

15. US EPA PRG = Preliminary Remediation Goal for residential and industrial soil from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.

16. US EPA SSL = Soil Screening Level for migration to groundwater (with dilution-attenuation factor of 20) from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.

17 Exceedances: **BOLD** = Concentration exceeds NR 720 Generic RCL (for DRO, Metals, VOCs) or Interim RCL (for PAHs)
BOLD = Concentration exceeds NR 746 Table 1 value

18. US EPA PRGs and SSLs only provided for relative benchmark concentrations.

Exhibit D

Table 3
Soil Analytical Quality Results - RCRA Metals and Detected VOCs
South 2nd and South 3rd Street
Sigma Project No. 6707

Soil Boring Identification:		MW-4	MW-5		MW-6		MW-7	MeOH	NR 720	NR 746	NR 746	Interim RCL	US EPA PRG		US EPA SSL
	Sample Depth (ft)	10 - 12	6 - 8	16 - 18	2 - 4	16 - 18	10 - 12	Blank	RCL	Table 1	Table 2		Residential	Industrial	
Parameter	**Units**	August 29, 2001													
Percent solids	%	80.1	96.4	83.4	85.5	87.6	79.7	NA	NS	NS	NS	NS	NS	NS	NS
Diesel Range Organics (DRO)	mg/kg	NA	NA	NA	NA	NA	NA	NA	100	NS	NS	NS	NS	NS	NS
RCRA Metals															
Arsenic	mg/kg	6.0	1.7	3.8	4.7	3.5	4.1	NA	0.039	NS	NS	NS	0.39	2.7	29
Barium	mg/kg	65	19	62	96	40	72	NA	NS	NS	NS	NS	5,400	100,000	1,600
Cadmium	mg/kg	0.54	0.082 "Q"	0.17 "Q"	0.26	0.2	0.17 "Q"	NA	8	NS	NS	NS	37	81	8
Chromium	mg/kg	23	9.7	22	16	11	14	NA	16000 *	NS	NS	NS	210**	450**	38**
Lead	mg/kg	50 "N"	4.8 "A"	9.5	52	7.7	38	NA	50	NS	NS	NS	400	750	NS
Selenium	mg/kg	0.88	0.24 "Q"	0.37 "Q"	0.47 "Q"	0.5 "Q"	0.38 "Q"	NA	NS	NS	NS	NS	390	10,000	5
Silver	mg/kg	<0.19	<0.16	<0.18	<0.18	<0.17	<0.19	NA	NS	NS	NS	NS	390	10,000	34
Mercury	mg/kg	0.045	<0.0054	0.033	0.260	0.015 "Q"	0.23	NA	NS	NS	NS	NS	23	610	NS
VOCs															
Benzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	6.5	6,500	1,100	NS	650	1,500	30
s-Butylbenzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	NS	NS	NS	NS	110,000	220,000	NS
n-Butylbenzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	NS	NS	NS	NS	140,000	240,000	NS
Dichlorodifluoromethane	µg/kg	<25	<25	<25	<25	<25	<25	<25	NS	NS	NS	NS	94,000	310,000	NS
Ethylbenzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	2,900	4,600	NS	NS	230,000	230,000	13,000
Fluorotrichloromethane	µg/kg	<25	<25	<25	<25	<25	<25	<25	NS	NS	NS	NS	390,000	2,000,000	NS
Isopropylbenzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	µg/kg	<25	<25	<25	<25	<25	<25	<25	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	µg/kg	<25	<25	<25	<25	<25	<25	<25	NS	NS	NS	NS	8,900	21,000	20
Naphthalene	µg/kg	<25	31 "Q"	<25	<25	<25	<25	<25	NS	2,700	NS	NS	56,000	190,000	84,000
n-Propylbenzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	NS	NS	NS	NS	140,000	240,000	NS
Tetrachloroethene	µg/kg	<25	<25	<25	<25	<25	<25	<25	NS	NS	NS	NS	5,700	19,000	60
Toluene	µg/kg	<25	<25	<25	<25	<25	<25	<25	1,500	38,000	NS	NS	520,000	520,000	12,000
Trichloroethene	µg/kg	<25	<25	<25	<25	<25	<25	<25	NS	NS	NS	NS	2,800	6,100	60
1,2,4-Trimethylbenzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	NS	83,000	NS	NS	52,000	170,000	NS
1,3,5-Trimethylbenzene	µg/kg	<25	<25	<25	<25	<25	<25	<25	NS	11,000	NS	NS	21,000	70,000	NS
Xylenes (Total)	µg/kg	<50	<50	<50	<50	<50	<50	<75	4,100	42,000	NS	NS	210,000	210,000	210,000
PAHs															
1-Methylnaphthalene	µg/kg	<17	<15	<17	<16	<16	<16	NA	NS	NS	NS	23,000 (gw)	NS	NS	NS
2-Methylnaphthalene	µg/kg	<15	<12	<14	<14	<14	<15	NA	NS	NS	NS	20,000 (gw)	NS	NS	NS
Acenaphthene	µg/kg	<21	94	<20	<19	<19	<21	NA	NS	NS	NS	38,000 (gw)	3,700,000	38,000,000	570,000
Acenaphthylene	µg/kg	<16	<13	<15	<15	<14	<16	NA	NS	NS	NS	700 (gw)	NS	NS	NS
Anthracene	µg/kg	<15	200	<14	57	<14	78	NA	NS	NS	NS	3,000,000 (gw)	22,000,000	100,000,000	12,000,000
Benzo(a)anthracene	µg/kg	<17	240	<16	160	<15	200	NA	NS	NS	NS	88 (dc)	620	2,900	2,000
Benzo(a)pyrene	µg/kg	<16	190	<15	150	<14	170	NA	NS	NS	NS	8.8 (dc)	62	290	8,000
Benzo(b)fluoranthene	µg/kg	<14	160	<13	110	<13	110	NA	NS	NS	NS	88 (dc)	620	2,900	5,000
Benzo(ghi)perylene	µg/kg	<14	31 "Q"	<14	64	<13	94	NA	NS	NS	NS	1,800 (dc)	NS	NS	NS
Benzo(k)fluoranthene	µg/kg	<16	180	<16	110	<15	200	NA	NS	NS	NS	880 (dc)	6,200	29,000	49,000
Chrysene	µg/kg	<17	210	<16	150	<15	200	NA	NS	NS	NS	8,800 (dc)	62,000	290,000	160,000
Dibenzo(a,h)anthracene	µg/kg	<14	38	<13	20 "Q"	<13	33 "Q"	NA	NS	NS	NS	8.8 (dc)	62	290	2,000
Fluoranthene	µg/kg	<13	580	<13	300	<12	460	NA	NS	NS	NS	500,000 (gw)	2,300,000	30,000,000	4,300,000
Fluorene	µg/kg	<16	100	<15	<15	<14	41 "Q"	NA	NS	NS	NS	100,000 (gw)	2,600,000	33,000,000	560,000
Indeno(1,2,3-cd)pyrene	µg/kg	<14	86	<14	66	<13	92	NA	NS	NS	NS	88 (dc)	620	2,900	14,000
Naphthalene	µg/kg	<21	<18	<20	<20	<19	<21	NA	NS	2,700	NS	400 (gw)	56,000	190,000	84,000
Phenanthrene	µg/kg	<14	670	<13	78	<13	250	NA	NS	NS	NS	1,800 (gw)	NS	NS	NS
Pyrene	µg/kg	<15	560	<14	280	<14	400	NA	NS	NS	NS	500,000 (dc)	2,300,000	54,000,000	4,200,000

Notes:

1. Soil samples collected by Sigma Environmental Services, Inc. on August 29, 2001.
2. Laboratory analyses were performed by En Chem, Inc. of Green Bay, Wisconsin, in accordance with US EPA Method SW846 3050B (RCRA Metals except mercury), US EPA Method SW846 7471A (mercury), and US EPA Method SW846 8260B (VOCs) and APL, Inc. of Milwaukee, Wisconsin, in accordance with Wisconsin Modified DRO Method (DRO) and US EPA Method SW846 8270 (PAHs).
3. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm).
4. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb).
5. NA = Not analyzed
6. "Q" = Analyte detected between Limit of Detection and Limit of Quantitation.
7. "B" = Methylene chloride present in blank at 26 ug/kg.
8. "E" = Analyte failed the serial dilution limit of +/- 10%.
9. NR 720 Generic RCL = Chapter NR 720 Generic Residual Contaminant Level (non-industrial land use RCLs for RCRA metals).
10. * = RCL for trivalent chromium. ** = PRG for total chromium.
11. NS = No standard
12. NR 746 Table 1 = Chapter NR 746, Table 1: Indicators of Residual Petroleum Products in Soil Pores
13. NR 746 Table 2 = Chapter NR 746, Table 2: Protection of Human Health from Direct Contact with Contaminated Soil
14. Interim RCL = more stringent Generic Residual Contaminant Level for protection of groundwater (gw) or direct contact (dc) pathway for non-industrial land use from WDNR Publication RR-519 -97 "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance" (April 1997).
15. US EPA PRG = Preliminary Remediation Goal for residential and industrial soil from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
16. US EPA SSL = Soil Screening Level for migration to groundwater (with dilution-attenuation factor of 20) from U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal table.
17. Exceedances: **BOLD** = Concentration exceeds NR 720 Generic RCL (for DRO, Metals, VOCs) or Interim RCL (for PAHs)
    BOLD = Concentration exceeds NR 746 Table 1 value
18. US EPA PRGs and SSLs only provided for relative benchmark concentrations.

Exhibit E

Table 4
Groundwater Quality Results
City of Milwaukee
South 2nd and South 3rd Street
Project # 6707

Temporary Well ID:		GP-1	GP-5	GP-8	GP-13		Equip Blank	Trip Blank	NR 140	NR 140
Sample Date:		05/21/2001	05/21/2001	05/21/2001	05/21/2001	05/21/01 Dup	05/21/2001	05/21/2001	ES	PAL
Parameter	Units									
Dissolved RCRA Metals										
Arsenic	µg/L	2.0	9.4	5.3	5.3	NA	NA	NA	50	5
Barium	µg/L	84	84	190	98	NA	NA	NA	2,000	400
Cadmium	µg/L	0.18 "Q"	0.11 "Q"	<0.26	<0.26	NA	NA	NA	5	0.5
Chromium	µg/L	2.1	3.8	2.5	1.7	NA	NA	NA	100	10
Lead	µg/L	0.69 "Q"	0.83 "Q"	1.2 "Q"	1.2 "Q"	NA	NA	NA	15	1.5
Selenium	µg/L	27	1.9	4.0	1.9	NA	NA	NA	50	10
Silver	µg/L	<0.16	<0.16	<0.11	<0.11	NA	NA	NA	50	10
Mercury	µg/L	<0.044	<0.044	<0.044	<0.044	NA	NA	NA	2	0.2
PVOCs and Detected VOCs										
Benzene	µg/L	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	5	0.5
Ethylbenzene	µg/L	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	700	140
Methyl-tert-butyl ether	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	60	12
Toluene	µg/L	0.43	0.34 "Q"	<0.13	0.50	0.61	0.15 "Q"	<0.13	1,000	200
1,2,4-Trimethylbenzene	µg/L	<0.34	0.79 "Q"	<0.34	<0.34	<0.34	<0.34	<0.34	NS	NS
1,3,5-Trimethylbenzene	µg/L	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	NS	NS
Total Trimethylbenzene	µg/L	<0.63	0.79 "Q"	<0.63	<0.63	<0.63	<0.63	<0.63	480	96
Xylenes, Total	µg/L	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	10,000	1,000
Chlorobenzene	µg/L	<0.19	<0.19	<0.19	<0.19	<0.19	0.40 "Q"	<0.19	NS	NS
1,2-Dichlorobenzene	µg/L	<0.20	<0.20	<0.20	2.0	2.0	<0.20	<0.20	600	60
1,4-Dichlorobenzene	µg/L	<0.31	<0.31	<0.31	0.37 "Q"	<0.31	<0.31	<0.31	75	15
p-Isopropyltoluene	µg/L	<0.25	<0.25	<0.25	0.89	1.1	<0.25	<0.25	NS	NS
Methylene Chloride	µg/L	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	0.42 "Q"	5	0.5
Naphthalene	µg/L	<0.27	7.9	<0.27	0.84 "Q"	0.64 "Q"	<0.27	<0.27	40	8

Notes:

1. Laboratory analyses were performed by En Chem, Inc. of Green Bay, Wisconsin, in accordance with US EPA Method SW846 6020 (RCRA Metals except mercury), US EPA Method SW846 7470A (mercury), and US EPA Method SW846 8260B (VOCs).
2. µg/L = micrograms per liter (equivalent to parts per billion)
3. NA = Not analyzed
4. NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
5. NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit
6. NS = No standard established in Chapter NR 140
7. "Q"= Concentrations between Limit of Detection and Limit of Quantitation
8. Exceedances: **BOLD** = Analyte concentration exceeds NR 140 ES
   BOLD = Analyte concentration exceeds NR 140 PAL

Exhibit E

Table 4 (con't)
Groundwater Quality Results
City of Milwaukee
South 2nd and South 3rd Street
Project # 6707

Monitoring Well ID:		MW-1	MW-3	MW-4	MW-5	MW-6	MW-7	Equip Blank	Trip Blank	NR 140	NR 140
Sample Date:		09/13/2001	09/13/2001	09/13/2001	09/13/2001	09/13/2001	09/13/2001	09/13/2001	09/13/2001	ES	PAL
Parameter	Units										
Dissolved RCRA Metals											
Arsenic	µg/L	0.9	2.7	3.2	1.2	0.53 "Q"	1.3	NA	NA	50	5
Barium	µg/L	260	420	200	870	410	120	NA	NA	2,000	400
Cadmium	µg/L	<0.26	<0.070	<0.070	<0.070	0.070 "Q"	<0.070	NA	NA	5	0.5
Chromium	µg/L	14	4.0 "QC"	3.0 "QC"	<1.1 "C"	<1.1 "C"	<1.1 "C"	NA	NA	100	10
Lead	µg/L	0.63 "Q"	0.42 "Q"	<0.39	<0.39	<0.39	0.99 "Q"	NA	NA	15	1.5
Selenium	µg/L	3.0	1.4	1.9	1.7	1.1 "Q"	0.58 "Q"	NA	NA	50	10
Silver	µg/L	0.18 "Q"	<0.16	<0.16	<0.16	<0.16	<0.16	NA	NA	50	10
Mercury	µg/L	<0.088	<0.088	<0.088	<0.088	<0.088	<0.088	NA	NA	2	0.2
PVOCs and Detected VOCs											
Benzene	µg/L	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	5	0.5
Ethylbenzene	µg/L	<0.44	3.0	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	700	140
Methyl-tert-butyl ether	µg/L	<0.67	3.2	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	60	12
Toluene	µg/L	<0.47	0.59 "Q"	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	1,000	200
1,2,4-Trimethylbenzene	µg/L	<0.51	20	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	NS	NS
1,3,5-Trimethylbenzene	µg/L	<0.52	7.7	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	NS	NS
Total Trimethylbenzene	µg/L	<1.03	27.7	<1.03	<1.03	<1.03	<1.03	<1.03	<1.03	480	96
Xylenes, Total	µg/L	<1.94	18.4	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	10,000	1,000
Chlorobenzene	µg/L	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	NS	NS
1,2-Dichlorobenzene	µg/L	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	600	60
1,4-Dichlorobenzene	µg/L	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	75	15
p-Isopropyltoluene	µg/L	<0.57	<0.57	<0.57	<0.57	<0.43	<0.57	<0.57	<0.57	NS	NS
Methylene Chloride	µg/L	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	5	0.5
Naphthalene	µg/L	<0.59	52	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	40	8
n-Propylbenzene	µg/L	<0.64	1.3 "Q"	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	NS	NS
Polynuclear Aromatic Hydrocarbons											
1-Methyl Naphthalene	µg/L	<0.42	98	<0.21	<0.21	<0.21	<0.21	NA	NA	NS	NS
2-Methyl Naphthalene	µg/L	<0.40	85	<0.20	<0.20	<0.20	<0.20	NA	NA	NS	NS
Acenaphthylene	µg/L	<2.0	13	<1.0	<1.0	<1.0	<1.0	NA	NA	NS	NS
Anthracene	µg/L	<0.02	3	0.03	0.08	<0.01	0.06	NA	NA	3000	600
Benzo (a) Anthracene	µg/L	<0.15	6.1	<0.07	0.14	<0.07	<0.07	NA	NA	NS	NS
Benzo (a) Pyrene	µg/L	<0.20	33	<0.10	0.11	<0.10	0.13	NA	NA	0.2	0.02
Benzo (b) Fluoranthene	µg/L	<0.13	12	<0.07	0.17	<0.07	0.12	NA	NA	0.2	0.02
Benzo (k) Fluoranthene	µg/L	<0.02	0.61	<0.01	0.06	<0.01	0.04	NA	NA	NS	NS
Fluoranthrene	µg/L	<0.72	53	<0.36	<0.36	<0.36	<0.36	NA	NA	400	80
Fluorene	µg/L	<0.66	7.9	<0.33	<0.33	<0.33	<0.33	NA	NA	400	80
Naphthalene	µg/L	<0.44	6.8	<0.22	<0.22	<0.22	<0.22	NA	NA	40	8
Phenanthrene	µg/L	<0.07	33	0.1	0.27	0.24	0.22	NA	NA	NS	NS
Pyrene	µg/L	<0.12	8	<0.06	0.28	<0.06	0.17	NA	NA	250	50

Notes:

1. Laboratory analyses were performed by En Chem, Inc. of Green Bay, Wisconsin, in accordance with US EPA Method SW846 6020 (RCRA Metals except mercury), US EPA Method SW846 7470A (mercury), and US EPA Method SW846 8260B (VOCs).
2. µg/L = micrograms per liter (equivalent to parts per billion)
3. NA = Not analyzed
4. NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
5. NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit
6. NS = No standard established in Chapter NR 140
7. "Q"= Concentration between Limit of Dectection and Limit of Quantitation
8. Exceedances: **BOLD** = Analyte concentration exceeds NR 140 ES
   BOLD = Analyte concentration exceeds NR 140 PAL