LETTER OF TRANSMITTAL

To: **Mr. Greg Michael**
Wisconsin Department of Natural Resources
Remediation & Redevelopment Program
141 NW Barstow Street
Waukesha, WI 53188

REC'D DEC 29 2015
AC 29

From: **Stacy Oszuscik & Robert Peschel**
The Sigma Group, Inc.
1300 W. Canal St.
Milwaukee, WI 53233
(414) 643-4200

341041470

Date: December 22, 2015
Site Name: Parking Lots 4 & 7 at Clement J. Zablocki
VA Medical Center
Address: 5000 W. National Avenue, Milwaukee, WI
FID# 341041470
BRRTS # 02-41-563846

Please check the type(s) of documents you have enclosed. Submittals will be tracked and filed based on the information you provide. **Include the FID *and* BRRTS numbers which have been assigned to this site, and identify the intent of the document(s) you are submitting in order to speed processing.** Please attach any required fees to this checklist.

IS THIS RELEASE PECFA-ELIGIBLE?
☐ YES ☑ NO ☐ UNKNOWN AT THIS TIME

Type of Submittal:
☐ LUST ☑ ERP ☐ VPLE ☐ OTHER

CHECK	TYPE OF DOCUMENT / REPORT	FEE	DNR CODE (office use only)
	Notification of Release	none	01
	Tank Closure/Site Assessment *where release(s) have been detected**	none	33
	Site Investigation Workplan	$500 if review is requested ~	35, 135~
JJJ	Site Investigation Report **Please Provide the Following Information**	$750 if review is requested ~	37, 137~ 96~ (if SI is incomplete)
	☑ petroleum constituents detected		
	☑ non-petroleum constituents detected		
	☐ groundwater impacts ☐ above PAL ☐ above ES		
	☐ free product		
	☐ contamination in fractured bedrock or within 1 meter of fractured bedrock		
	☐ PAL exceedance in potable well		
	☐ groundwater impacts >ES, within ☐ 100' of private well or ☐ 1,000' of public well		
	Request to Transfer Case to Department of Commerce	none	76
	Off-Site Determination Request	$500 mandatory	638~
	Remedial Action Options Plan	$750 if review is requested	39, 143~
	NR 720.19 Site Specific Clean-Up Goal Proposed	$750 if review is requested	67, 68~
	NR 718 Landspreading Request	$500 mandatory	61~
	Copy of Notification to Treat or Dispose of Contamination Soil or Water	none	99
	Injection/Infiltration Request	$500 mandatory	63~
	Quarterly Report or Update	$500 if review is requested	43~
	O&M Form 4400-194	$300 if review is requested	92, 192~
	Remedial Action Options Report	$750 if review is requested	41, 41~
	Closure Review Request	$1,050 mandatory	79~
	☐ Closure Form (Mandatory For Review)		
	☐ Soil GIS Registry	$300 mandatory	700
	Request for No Further Action Letter, under ch. NR 708	$250 mandatory	68, 67~
	Copy of Draft Deed Affidavit, Well Abandonment Form Restriction	none	99
	Simple Site Process Submittal Under NR 700.11	none	90~
	Remedial Design Report	$750 if review is requested	147, 148~
	Construction Documentation Reports	$250 if review is requested	151, 152~
	Long Term Monitoring Plan	$300 if review is requested	24, 25~
	Voluntary Party Liability Exemption (VPLE) Application	$250 mandatory	662~
	VPLE Phase I/II Assessments or Additional Reports	Computed hourly	99
	Tax Cancellation Agreement	$500 mandatory	654~
	Negotiated Agreement	$1,000 mandatory	630~
	Lender Assessment	$500 mandatory	686~
	Negotiation and Cost Recovery (municipalities only) Fee for each service	mandatory	90~
	General Liability Clarification Request	$500 mandatory	684
	Lease Letter Request - Single Property	$500 mandatory	646
	Lease Letter Request - Multiple Properties	$1,000 mandatory	646
	Request for Other Technical Assistance	$700 mandatory	97~
	Other (please describe): Soil GIS registry fee		

* Closure reports for sites where no releases have been detected should be sent directly to "Clean Closures" c/o DNR Remediation & Redevelopment Program, P.O. Box 7921, Madison, WI 53707

Remarks: ***Review not requested - no fee included.***

THE SIGMA GROUP
Single Source. Sound Solutions.

December 22, 2015 Project #14776/15233

Mr. Greg Michael
Wisconsin Department of Natural Resources
Remediation & Redevelopment Program
141 NW Barstow Street
Waukesha, WI 53188

Subject: **Parking Lots 4 & 7 at Clement J. Zablocki VA Medical Center**
5000 W. National Avenue, Milwaukee, WI
FID #341041470
BRRTS #02-41-563846

Dear Mr. Michael:

On behalf of Dept. of Veterans Affairs (VA), The Sigma Group, Inc. (Sigma) is submitting this letter and attachment to satisfy the requirements laid out in the Responsible Party (RP) letter dated July 2, 2015 establishing BRRTS #02-41-563846.

The VA intends to replace surface Parking Lots 4 & 7 with multi-story parking structures. In preparation for construction, Sigma was hired to complete Phase II Environmental Site Assessments (ESAs) in each Lot to aid in soil management practices during construction. The Phase II ESA activities completed in Lot 4 were documented in *Phase II Environmental Site Assessment – Renovate Parking for New Structure- Lot 4 at VAMC Milwaukee, Wisconsin* dated June 30, 2015 and submitted to the WDNR on September 2, 2015. The Phase II ESA activities completed in Lot 7 are described and documented in the attached report dated November 12, 2015.

If you have any questions or comments, please contact us at (414) 643-4200.

Sincerely,

THE SIGMA GROUP, INC.

Stacy L. Oszuscik, E.I.T.
Staff Engineer

Robert F. Peschel, P.E.
Senior Project Manager

Attachments

Cc: Ms. Casey Schimek – Dept. of Veterans Affairs (email)
Mr. Jim Beier – Dept. of Veterans Affairs (email)
Mr. Kyle Cyr – Guidon Design (email)

THE SIGMA GROUP
Single Source. Sound Solutions.

November 12, 2015 Project Reference #15233

Mr. Kyle Cyr, PE, Env SP
Guidon Design
905 N. Capitol Avenue, Suite 100
Indianapolis, IN 46204

Re: Phase II Environmental Site Assessment
Parking Structure Lot 7 at VAMC Milwaukee, Wisconsin
VA Project No: 695-325

Dear Mr. Cyr:

The Sigma Group, Inc. (Sigma) has prepared this report to document and discuss the Phase II Environmental Assessment activities completed at the Clement J. Zablocki VA Medical Center within Parking Lot 7 located at 5000 W. National Avenue, Milwaukee, Wisconsin (hereinafter the "site"). The Phase II activities presented below were conducted in accordance with Sigma's January 9, 2015 proposal to team with Guidon Design in completing the VA's Scope of Work-A/E Services dated December 3, 2014.

BACKGROUND

Subsurface soil quality in the area of the proposed parking structure, current Lot 7 (**Figure 1**), was unknown and thought to possibly contain hazardous substances from historic undocumented fill. The following environmental subsurface investigation activities were conducted to assess if historical soil placement and/or land usage negatively impacted the property in the area of the proposed parking structure.

SITE INVESTIGATION ACTIVITIES

Site Description. The Clement J. Zablocki VA Medical Center (VAMC) is located on 125 acres on the western edge of Milwaukee. The facility is used to deliver primary, secondary, and tertiary medical care.

Utility Clearance. Sigma contacted Digger's Hotline on April 17, 2015 to locate public utility lines at and around Parking Lot 7 of the VAMC. All Lines Utility Services, LLC was contracted to mark private utility lines on April 22, 2015 prior to drilling activities.

Drilling Activities. On April 27, 2015, Sigma oversaw the installation of six direct-push (Geoprobe®) soil borings (GP-1 through GP-6) at the locations depicted in **Figure 2.** Soil borings were proposed to be installed to a completion depth of 20 feet below ground surface (bgs); however, refusal was met between 8 and 15 feet bgs at four of the boring locations. Soil borings were completed with a truck-mounted Geoprobe® hydraulic drill rig. Soil samples were continuously collected at each soil boring location with a 2.5-inch diameter by 4-foot long Macro-Core® sampler and described on the basis of color, texture, grain size, and plasticity, and were classified in general accordance with the Unified Soil

Classification System. A split portion of each soil sample was also screened with a calibrated organic vapor monitor (OVM) to measure for the presence of volatile organic vapors. Soil classifications, descriptions, specific sampling intervals, and OVM readings are presented on the soil boring logs in **Attachment A.**

One composite soil sample from each soil boring was collected and submitted for laboratory analysis of gasoline range organics (GRO), diesel range organics (DRO), petroleum volatile organic compounds (PVOCs), semi-volatile organic compounds (SVOCs), RCRA metals, and polychlorinated biphenyls (PCBs). Representative quantities of soil were placed in the laboratory-supplied containers for analysis. A completed chain of custody document accompanied the soil samples until received by the laboratory.

Upon completion, Geoprobe® boreholes GP-1 through GP-6 were abandoned with bentonite chips in accordance with NR 141 regulations from the bottom of the borehole up to four inches bgs. Each borehole location was capped with asphalt to restore the existing grade. Soil borehole abandonment forms are included in **Attachment B.**

Survey. Following completion of the environmental soil borings installed by Sigma (identified as GP-1 through GP-6) and geotechnical soil borings overseen by Terracon (labeled as B-1 through B-8), Sigma conducted survey activities to document the boring locations and marked utilities at the site as shown in **Figure 2.**

Drill Cuttings Disposal. Soil cuttings were placed in 55-gallon steel drums during site drilling activities and stored within Parking Lot 7 until the conclusion of drilling activities. In total, 8 drums were produced and removed from the site for disposal by Jensen Environmental Management, Inc. on May 12, 2015.

SITE INVESTIGAITON RESULTS

Geology and Groundwater. Based on information obtained during the installation of environmental soil borings, the geology beneath the site generally consists of reworked silty clay and silty sand with few sand layers to a maximum depth of approximately 15 feet bgs. Native grey clay was encountered in soil borings GP-2 and GP-5 to the maximum depth investigated, 20 feet bgs. Gravelly sand base course was present beneath the asphalt pavement. Wet soil conditions were observed at a depth of approximately 4.5 feet bgs within soil borings GP-2 and GP-5, which is assumed to be perched water; refusal was encountered prior to observation of saturated soil conditions at the other soil boring locations. Specific soil characteristics and depths encountered during drilling activities are shown on the soil boring logs in **Attachment A.**

Soil Quality Results. Laboratory analytical soil quality results from borings GP-1 through GP-6 indicate that the analyzed compounds were reported below the laboratory detection limits, with the following exceptions:

- GRO/ DRO/ PVOCs
    - One or more PVOCs were identified in the soil samples collected from soil borings GP-3, GP-5, and GP-6; however, only one concentration of benzene within GP-3 was reported above applicable Wisconsin Department of Natural

Resources (WDNR) soil quality standards for protection of groundwater. Detectable concentrations of DRO were reported within soil samples collected from GP-1 and GP-3; however, the laboratory noted that oil contamination was indicated outside the DRO window in each of these samples.

- SVOCs
  - One or more SVOC constituents were identified in soil samples from soil borings GP-1 through GP-6. The concentrations of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were reported above applicable WDNR soil quality standards for protection of the direct contact pathway (non-industrial land use setting) and/or protection of groundwater. Other SVOCs were also detected but below applicable soil quality standards.

- RCRA Metals
  - RCRA metals concentrations were reported below WDNR soil quality standards with the exception of arsenic and lead within soil borings GP-2, GP-3, and GP-5. However, the detected concentrations of arsenic are below 8 mg/kg, which was established[1] as the statewide soil-arsenic background threshold value. The lead concentrations reported within soil borings GP-3 and GP-5 are above the WDNR soil quality standard for the protection of groundwater but below the standard for protection of the direct contact pathway.

- PCBs
  - All PCB Aroclors were reported below the laboratory limits of detection.

Soil quality data, and further descriptions of WDNR soil standards, are summarized in **Table 1.** The soil laboratory analytical reports are included as **Attachment C.**

CLOSING

Based on impacts identified at the site, Sigma recommends the environmental findings be shared with the VAMC to discuss WDNR reporting obligations as the land owner, including reporting a release as required by Wisconsin Statute s. 292.11, and develop a WDNR closure strategy that meets the project goals.

The shallow, reworked, impacted soil will have to be managed appropriately, if disturbed, through disposal at a WDNR licensed Subtitle D landfill facility. Furthermore, the WDNR may require that subsurface barriers (e.g., concrete slab, asphalt pavement, etc.) be maintained to prevent direct contact with underlying soils following the completion of the proposed parking structure.

1 "Wisconsin Statewide Soil-Arsenic Background Threshold Value" WDNR RR Publication 940 (dated July 2013)

We appreciate this opportunity to work with Guidon Design and the VAMC. If you have any questions about the completed subsurface investigation activities or results, please contact us at (414) 643-4200.

Sincerely,

THE SIGMA GROUP, INC.

Stacy Oszuscik, E.I.T.
Staff Engineer

Robert F. Peschel, P.E.
Senior Project Manager

TABLE

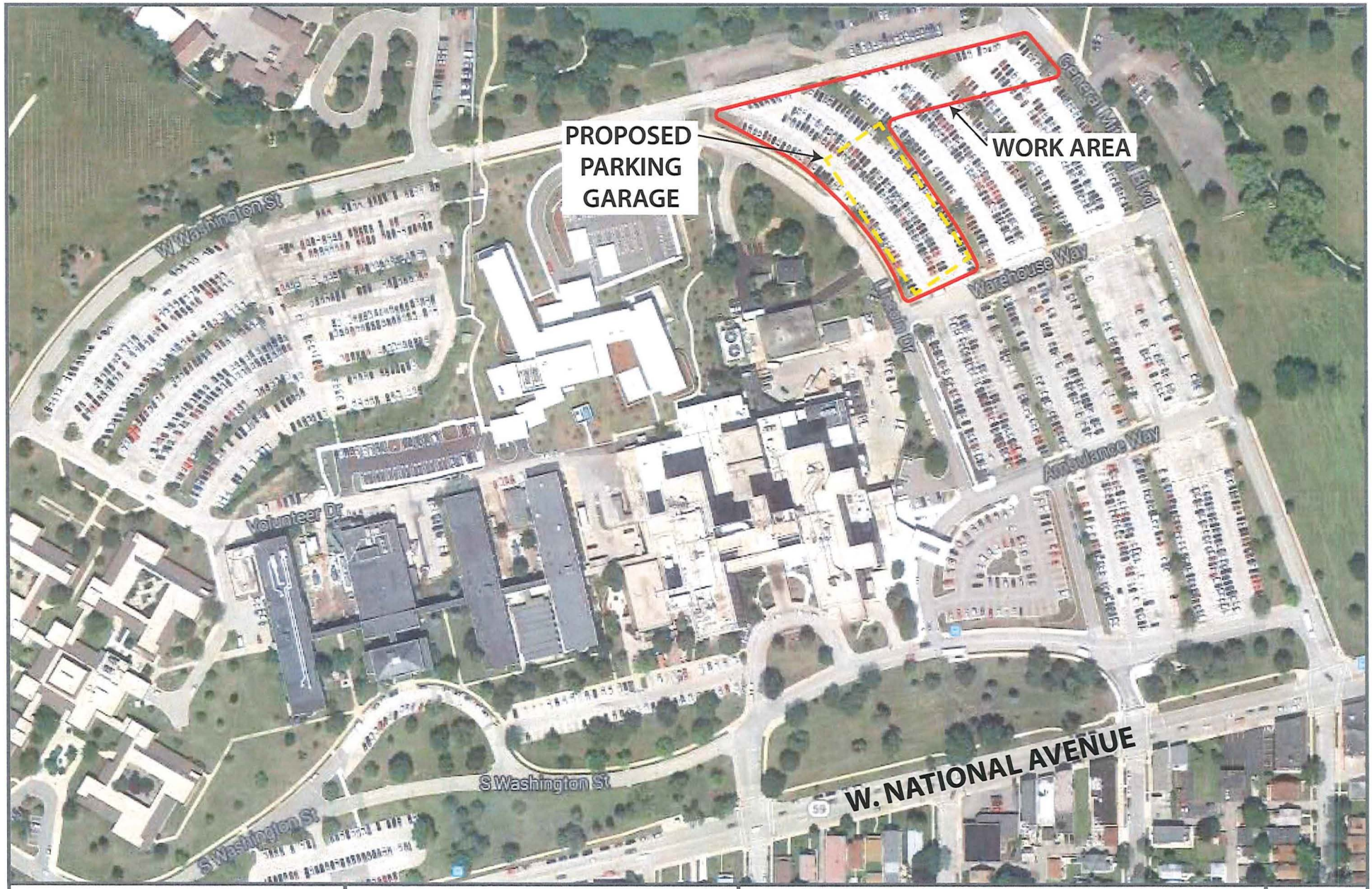
Table 1
Soil Analytical Data
VAMC Lot 7 - 5000 W. National Ave, Milwaukee, WI 53295
Sigma Project No. 15233

Soil Sample Location:		GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	Groundwater Pathway RCL [4]	Non-Industrial Direct Contact RCL [5]	Industrial Direct Contact RCL [6]
Sample Depth (feet bgs):		0 - 9	2 - 15.25	2 - 8	0 - 8	0 - 12	0 - 15			
Sample Collection Date:		4/27/15								
Depth to Groundwater (feet bgs):		UNK	~ 4.5 (perched)	UNK	UNK	~ 4.5 (perched)	UNK			
Unsaturated/Smear Zone (U) or Saturated (S):		U	S	U	U	S	U			
Organic Vapor Monitor	ppm	0	0.4	0	0	0.1	0.8	NS	NS	NS
Gasoline Range Organics	mg/kg	<10	<10	<10	<10	<10	<10	NS	NS	NS
Diesel Range Organics	mg/kg	16.4 [43]	<10	11.2 [43]	<10	<10	<10	NS	NS	NS
PVOCs										
Benzene	µg/kg	<25	<25	**48**	<25	<25	<25	5.1	1,490	7,410
Ethylbenzene	µg/kg	<25	<25	33 "J"	<25	<25	<25	1,570	7,470	37,000
Methyl-tert-butyl-ether	µg/kg	<25	<25	<25	<25	<25	<25	27	59,400	293,000
Toluene	µg/kg	<25	<25	26.8 "J"	<25	25.4 "J"	<25	1,107.2	818,000	818,000
1,2,4-Trimethylbenzene	µg/kg	<25	<25	41	<25	<25	48	1,379.3	89,800	219,000
1,3,5-Trimethylbenzene	µg/kg	<25	<25	<25	<25	<25	40		182,000	182,000
Xylenes (total)	µg/kg	<50	<50	42 "J"	<50	<50	<50	3,940	258,000	258,000
SVOCs										
Acetophenone	µg/kg	<18	<18	<36	<18	<180	<18	NS	NS	NS
Acenaphthene	µg/kg	<18	<18	141	<18	<180	<18	NS	3,440,000	33,000,000
Acenaphthylene	µg/kg	<19	<19	77 "J"	<19	206 "J"	<19	NS	487,000	487,000
Anthracene	µg/kg	<22	<22	237	27.8 "J"	500 "J"	<22	196,744.2	17,200,000	100,000,000
Benzo(a)anthracene	µg/kg	<22	<22	*490*	52 "J"	*1,690*	53 "J"	NS	148	2,110
Benzo(a)pyrene	µg/kg	<18	<18	***500***	*40 "J"*	***1,430***	*55 "J"*	470	15	211
Benzo(b)fluoranthene	µg/kg	<21	<21	***640***	58 "J"	***2,160***	87	480	148	2,110
Benzo(ghi)perylene	µg/kg	<20	<20	278	25.5 "J"	910	40 "J"	NS	NS	NS
Benzo(k)fluoranthene	µg/kg	<22	<22	252	<22	810	37 "J"	NS	1,480	21,100
Benzyl Alcohol	µg/kg	<43	<43	<86	<43	<430	<43	NS	6,110,000	61,600,000
Butyl benzyl phthalate	µg/kg	<37	<37	<74	<37	<370	<37	NS	NS	NS
Bis(2-chloroethoxy)methane	µg/kg	<17	<17	<34	<17	<170	<17	NS	183,000	1,850,000
Bis(2-chloroethyl)ether	µg/kg	<15	<15	<30	<15	<150	<15	NS	265	1,260
Bis(2-chloroisopropyl)ether	µg/kg	<16	<16	<32	<16	<160	<16	NS	NS	NS
Bis(2-ethylhexyl)phthalate	µg/kg	45 "J"	28.7 "J"	58 "J"	39 "J"	<240	66 "J"	NS	34,700	123,000
4-Bromophenylphenyl ether	µg/kg	<17	<17	<34	<17	<170	<17	NS	NS	NS
4-Chloro-3methylphenol	µg/kg	<20	<20	<40	<20	<200	<20	NS	NS	NS
2-Chloronaphthalene	µg/kg	<19	<19	<38	<19	<190	<19	NS	NS	NS
2-Chlorophenol	µg/kg	<15	<15	<30	<15	<150	<15	NS	391,000	5,110,000
4-Chlorophenylphenyl ether	µg/kg	<21	<21	<42	<21	<210	<21	NS	NS	NS
Chrysene	µg/kg	<21	<21	**410**	41 "J"	**1,450**	55 "J"	145.1	14,800	211,000
o-Cresol	µg/kg	<24	<24	<48	<24	<240	<24	NS	3,060,000	30,800,000
m&p-Cresol	µg/kg	<38	<38	<76	<38	<380	40 "J"	NS	6,110,000	61,600,000
Dibenzofuran	µg/kg	<19	<19	41 "J"	<19	<190	<19	NS	78,200	1,020,000
Dibenzo(a,h)anthracene	µg/kg	<17	<17	*70 "J"*	<17	*229 "J"*	<17	NS	15	211
1,4-Dichlorobenzene	µg/kg	<15	<15	<30	<15	<150	<15	144	3,480	17,500
1,3-Dichlorobenzene	µg/kg	<15	<15	<30	<15	<150	<15	1,152.2	297,000	297,000
1,2-Dichlorobenzene	µg/kg	<16	<16	<32	<16	<160	<16	1,168	376,000	376,000
3,3'-Dichlorobenzidine	µg/kg	<13	<13	<26	<13	<130	<13	NS	1,080	3,830
2,4-Dichlorophenol	µg/kg	<19	<19	<38	<19	<190	<19	NS	183,000	1,850,000
Diethyl phthalate	µg/kg	<24	<24	<48	<24	<240	<24	NS	48,900,000	100,000,000
Dimethyl phthalate	µg/kg	<18	<18	<36	<18	<180	<18	NS	NS	NS
2,4-Dimethylphenol	µg/kg	<18	<18	<36	<18	<180	<18	NS	1,220,000	12,300,000
Di-n-butyl phthalate	µg/kg	<26	<26	<52	<26	<260	<26	5,037.5	6,110,000	61,600,000
2,4-Dinitrophenol	µg/kg	<6.6	<6.6	<13.2	<6.6	<66	<6.6	NS	122,000	1,230,000
2,6-Dinitrotoluene	µg/kg	<19	<19	<38	<19	<190	<19	0.1	325	1,150
2,4-Dinitrotoluene	µg/kg	<28	<28	<56	<28	<280	<28	0.1	1,560	5,520
Di-n-octyl phthalate	µg/kg	<19	<19	<38	<19	<190	<19	NS	611,000	6,160,000
Diphenylamine	µg/kg	<9.9	<9.9	<19.8	<9.9	<99	<9.9	NS	1,530,000	15,400,000
Fluoranthene	µg/kg	<18	<18	1,190	117	3,800	136	88,817.9	2,290,000	22,000,000
Fluorene	µg/kg	<18	<18	70 "J"	<18	<180	<18	14,814.8	2,290,000	22,000,000
Hexachlorobenzene	µg/kg	<17	<17	<34	<17	<170	<17	25.2	304	1,080
Hexachlorobutadiene	µg/kg	<20	<20	<40	<20	<200	<20	NS	6,230	22,100
Hexachlorocyclopentadiene	µg/kg	<11	<11	<22	<11	<110	<11	NS	366,000	3,680,000
Hexachloroethane	µg/kg	<14	<14	<28	<14	<140	<14	NS	12,200	43,100
Indeno(1,2,3-cd)pyrene	µg/kg	<18	<18	*251*	20.5 "J"	*870*	34 "J"	NS	148	2,110
Isophorone	µg/kg	<19	<19	<38	<19	<190	<19	NS	512,000	1,810,000
1-Methyl naphthalene	µg/kg	<19	<19	38 "J"	<19	<190	<19	NS	15,600	53,100
2-Methyl naphthalene	µg/kg	<18	<18	44 "J"	<18	<180	<18	NS	229,000	368,000
2-Methyl-4,6-dinitrophenol	µg/kg	<9.1	<9.1	<18.2	<9.1	<91	<9.1	NS	NS	NS
Naphthalene	µg/kg	<18	<18	80 "J"	<18	<180	<18	658.7	2,150	26,000
2-Nitroaniline	µg/kg	<15	<15	<30	<15	<150	<15	NS	606,000	6,050,000
3-Nitroaniline	µg/kg	<17	<17	<34	<17	<170	<17	NS	NS	NS
4-Nitroaniline	µg/kg	<16	<16	<32	<16	<160	<16	NS	24,300	86,200
Nitrobenzene	µg/kg	<18	<18	<36	<18	<180	<18	NS	6,920	34,900
2-Nitrophenol	µg/kg	<18	<18	<36	<18	<180	<18	NS	NS	NS
4-Nitrophenol	µg/kg	<13	<13	<26	<13	<130	<13	NS	NS	NS
n-Nitrosodimethylamine	µg/kg	<9.9	<9.9	<19.8	<9.9	<99	<9.9	NS	2	34
n-Nitrosodi-n-propylamine	µg/kg	<25	<25	<50	<25	<250	<25	NS	70	246
Pentachlorophenol (PCP)	µg/kg	<15	<15	<30	<15	<150	<15	20.2	894	2,700
Phenanthrene	µg/kg	<27	<27	670	61 "J"	1,990	62 "J"	NS	115,000	115,000
Phenol	µg/kg	<20	<20	<40	<20	<200	<20	2,299.80	18,300,000	100,000,000
Pyrene	µg/kg	<21	<21	910	98	2,550	98	54,472.5	1,720,000	16,500,000
Pyridine	µg/kg	<17	<17	<34	<17	<170	<17	6.9	78,200	1,020,000
2,3,4,6-Tetrachlorophenol	µg/kg	<21	<21	<42	<21	<210	<21	NS	1,830,000	18,500,000
1,2,4-Trichlorobenzene	µg/kg	<18	<18	<36	<18	<180	<18	408	22,100	98,700
2,4,5-Trichlorophenol	µg/kg	<20	<20	<40	<20	<200	<20	NS	6,110,000	61,600,000
2,4,6-Trichlorophenol	µg/kg	<18	<18	<36	<18	<180	<18	NS	44,200	157,000
RCRA Metals										
Arsenic	mg/kg	<0.72	***1.47 "J"***	<0.72	<0.72	***3.55***	<0.72	0.584	0.614	2.39
Barium	mg/kg	53.7	31.4	65.3	54.4	66.6	58.6	164.8	15,300	100,000
Cadmium	mg/kg	<0.08	<0.08	0.18 "J"	<0.08	<0.08	<0.08	0.752	70.2	803
Chromium	mg/kg	22.1	18.4	21.4	23.1	23.9	21.1	360,000	NS	NS
Lead	mg/kg	7.17	12.0	**32.0**	6.86	**78.1**	7.40	27	400	800
Mercury	mg/kg	0.022	0.031	0.119	0.047	0.090	0.028	0.208	3.13	3.13
Selenium	mg/kg	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	0.52	391	5,110
Silver	mg/kg	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	0.8497	391	5,110
PCBs										
PCB-1016	mg/kg	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035		3.93	21.2
PCB-1221	mg/kg	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054		0.159	0.589
PCB-1232	mg/kg	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042		0.159	0.589
PCB-1242	mg/kg	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	0.0094	0.222	0.744
PCB-1248	mg/kg	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032		0.222	0.744
PCB-1254	mg/kg	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047		0.222	0.744
PCB-1260	mg/kg	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049		0.222	0.744

Notes:

1. Unsaturated/smear zone versus satured soil conditions based on: (1) measured water levels in adjacent/nearby monitoring wells, (2) soil moisture conditions recorded on soil boring logs, and/or (3) soil moisture contents reported on laboratory analytical reports.
2. Analytical units: µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
   mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
3. NA = not analyzed
4. Groundwater Pathway RCL = Residual Contaminant Level for protection of groundwater as presented on the WDNR's RCL Spreadsheet (dated December 2013) referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated January 23, 2014
5. Non-Industrial Direct Contact RCL = Residual Contaminant Level for protection of direct contact at a non-industrial property as presented on the WDNR's RCL Spreadsheet (dated December 2013) with default input parameters as referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated January 23, 2014
6. Industrial Direct Contact RCL = Residual Contaminant Level for protection of direct contact at an industrial property as presented on the WDNR's RCL Spreadsheet (dated December 2013) with default input parameters as referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated January 23, 2014
7. NS = no standard established
8. Laboratory flags: "J" = Analyte detected between Limit of Detection and Limit of Quantitation
   43 = Oil contamination indicated outside DRO window.
9. Exceedances: **BOLD** = Concentration exceeds Groundwater Pathway RCL (unsaturated soil samples only)
   ITALICS = Concentration exceeds Non-Industrial Direct Contact RCL (unsaturated soil samples only)

FIGURES



THE SIGMA GROUP
Single Source. Sound Solutions.

SITE MAP
PARKING LOT 7 AT VAMC

5000 W. NATIONAL AVENUE
MILWAUKEE, WISCONSIN

FIGURE
1

LEGEND

- Environmental Geoprobe Soil Boring Location (April 2015)
- Geotechnical Soil Boring Location (April-May 2015)

N

0 50 ft. 100 ft.

GRAPHIC SCALE

THE SIGMA GROUP
Single Source. Sound Solutions.

BOREHOLE LOCATION MAP
PARKING LOT 7 AT VAMC

5000 W. NATIONAL AVENUE
MILWAUKEE, WISCONSIN

FIGURE
2

Project: 15233 | Directory: FIGURES | Filename: F2_15233_SBLM | Created By: SLO | Date: 06/02/2015

ATTACHMENT A

Soil Boring Logs

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
VA Parking Lot #7		GP-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Josh Bartolomey The Sigma Group, Inc.	4/27/2015	4/27/2015	Direct Push (Geoprobe)

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 35, T 7 N, R 21 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	48 / 38	PUSH	1.5	ASPHALT, black, dry GRAVELLY SAND, tan, very loose, moist, some silt	SW			0						
			3.0	CLAY, brown to light brown, medium stiff, moist, some silt, trace gravel and organics	CL			0						
2 GP	48 / 48	PUSH	4.5	SILTY CLAY, light brown, medium stiff, moist, trace gravel and grey mottling, trace organics (tree roots)	CL-ML			0						Lab Sample (0-9')
			6.0											
			7.5	Dark brown to black				0						
3 GP	48 / 12	PUSH	9.0	REFUSAL at 9' bgs. Abandoned with bentonite chips and asphalt patch. Sampled GP-1 (0-9).				0						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Josh Holcombe

Firm: The Sigma Group, Inc.
1300 W. Canal St Milwaukee, WI 53233
Tel: 414-643-4200
Fax: 414-643-4210

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
VA Parking Lot #7		GP-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Josh Bartolomey The Sigma Group, Inc.	4/27/2015	4/27/2015	Direct Push (Geoprobe)

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 35, T 7 N, R 21 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	48 / 28	PUSH	1.5	ASPHALT, black, dry SAND, black, medium loose, moist, some silt and gravel	SW			0						
			3.0	CLAYEY SAND, brown, medium loose, very moist, little gravel, pg sand	SC			0.4						
2 GP	48 / 48	PUSH	4.5	SAND, tan, medium loose, wet, pg, medium coarse sand	SP			0						
			6.0	CLAY, grey, medium soft, wet, trace gravel and grey mottling	CL			0						
			7.5											
3 GP	48 / 46	PUSH	9.0	SAND, tan, medium loose, wet, pg, medium coarse sand				0						Lab Sample (2-15.25')
			10.5					0						
4 GP	48 / 46	PUSH	12.0		SP			0						
			13.5					0						
			15.0					0						
5 GP	48 / 48	PUSH	16.5	SILTY CLAY, black changing to grey, medium soft, wet, trace organics	CL-ML			0						
			18.0					0						
			19.5					0						
				EOB at 20' bgs. Abandoned with bentonite chips and asphalt patch. Sampled GP-2 (2-15.25')										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: The Sigma Group, Inc. 1300 W. Canal St Milwaukee, WI 53233 Tel: 414-643-4200 Fax: 414-643-4210

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
VA Parking Lot #7		GP-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Josh Bartolomey The Sigma Group, Inc.	4/27/2015	4/27/2015	Direct Push (Geoprobe)

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 35, T 7 N, R 21 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	48 / 18	PUSH	1.5	ASPHALT, black, dry SILTY SAND, white, medium loose, moist, some gravel	SM			0						
			3.0	CLAY, dark brown, medium stiff, moist				0						
2 GP	48 / 48	PUSH	4.5 6.0	Stiff, little gravel, trace grey mottling	CL			0						Lab Sample (2-8')
			7.5					0						
3 GP	48 / 24	PUSH	9.0	Very stiff				0						
				REFUSAL at 10' bgs. Abandoned with bentonite chips and asphalt patch. Sampled GP-3 (2-8').										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature JS Holcombe Firm The Sigma Group, Inc. 1300 W. Canal St Milwaukee, WI 53233 Tel: 414-643-4200 Fax: 414-643-4210

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
VA Parking Lot #7		GP-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Josh Bartolomey The Sigma Group, Inc.	4/27/2015	4/27/2015	Direct Push (Geoprobe)

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 35, T 7 N, R 21 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	48 30	PUSH	1.5	ASPHALT, black, dry SILTY SAND, white, medium loose, moist, some gravel	SM			0						
			3.0	SILTY CLAY, brown, medium soft, moist, some black to grey mottling, trace gravel				0						
2 GP	48 48	PUSH	4.5		CL-ML			0						Lab Sample (0-8')
			6.0	Very stiff, trace sand										
			7.5					0						
				REFUSAL at 8' bgs. Abandoned with bentonite chips and asphalt patch. Sampled GP-4 (0-8').										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: The Sigma Group, Inc. 1300 W. Canal St Milwaukee, WI 53233 Tel: 414-643-4200 Fax: 414-643-4210

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
VA Parking Lot #7		GP-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Josh Bartolomey The Sigma Group, Inc.	4/27/2015	4/27/2015	Direct Push (Geoprobe)

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 35, T 7 N, R 21 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	48 24	PUSH	0 1.5	ASPHALT, black, dry SILTY SAND, white, medium loose, moist, some gravel	SM			0						
			3.0	SILTY CLAY, brown, medium soft, moist, little gravel, trace orange mottling				0						
2 GP	48 48	PUSH	4.5	Wet				0.1						
			6.0		CL-ML									Lab Sample (0-12')
			7.5					0						
3 GP	48 48	PUSH	9.0	Little red / orange mottling				0						
			10.5					0						
			12.0					0						
4 GP	48 36	PUSH	13.5	CLAY, grey, medium soft, wet, trace gravel, native				0						
			15.0					0						
5 GP	48 48	PUSH	16.5		CL			0						
			18.0					0						
			19.5					0						
				EOB at 20' bgs. Abandoned with bentonite chips and asphalt patch. Sampled GP-5 (0-12')										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [signature] Firm The Sigma Group, Inc. 1300 W. Canal St Milwaukee, WI 53233 Tel: 414-643-4200 Fax: 414-643-4210

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
VA Parking Lot #7		GP-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Josh Bartolomey The Sigma Group, Inc.	4/27/2015	4/27/2015	Direct Push (Geoprobe)

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
NW 1/4 of SE 1/4 of Section 35, T 7 N, R 21 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Milwaukee	41	Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 GP	48 32	PUSH	1.5	ASPHALT, black, dry SILTY SAND, white, very loose, moist, some gravel, trace cobbles	SM			0.4						
			3.0	SILTY CLAY, brown, stiff, moist, little grey mottling, trace gravel				0.1						
2 GP	48 48	PUSH	4.5		CL-ML			0						
			6.0											
			7.5					0						Lab Sample (0-15')
3 GP	48 48	PUSH	9.0	CLAY, brown, medium soft, moist, little gravel				0						
			10.5	3" seam of black clay, slight petrol odor	CL			0.8						
4 GP	48 36	PUSH	12.0	Some grey mottling										
			13.5					0						
			15.0	REFUSAL at 15' bgs. Abandoned with bentonite chips and asphalt patch. Sampled GP-6 (0-15').				0						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [signature] Firm The Sigma Group, Inc. 1300 W. Canal St Milwaukee, WI 53233 Tel: 414-643-4200 Fax: 414-643-4210

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ATTACHMENT B

Borehole Abandonment Forms

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☒ Remediation/Redevelopment ☐ Other

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-1 Gov't Lot (if applicable)

Grid Location: NW 1/4 of SE 1/4 of Sec. 35 ; T. 7 N; R. 21 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ° ' " Long ° ' " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: Investigative Boring | WI Unique Well No. of Replacement Well

(2) FACILITY /OWNER INFORMATION

Facility Name: VA Parking Lot #7

Facility ID | License/Permit/Monitoring No.

Street Address of Well

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner

City, State, Zip Code

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface) Casing Diameter (in.) _____
Casing Depth (ft.) _____

Lower Drillhole Diameter (in.) 2.0

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? _____ Feet

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☐ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
Asphalt	Surface	0.3		
Bentonite	0.3	9.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: The Sigma Group | Date of Abandonment: 4/27/15

Signature of Person Doing Work | Date Signed: 4/27/15

Street or Route: 1300 W. Canal St. | Telephone Number: (414) 643-4200

City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☒ Remediation/Redevelopment ☐ Other

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-2 | Gov't Lot (if applicable):

Grid Location: NW 1/4 of SE 1/4 of Sec. 35 ; T. 7 N; R. 21 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ° ' " Long ° ' " or

State Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Investigative Boring | WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: VA Parking Lot #7

Facility ID | License/Permit/Monitoring No.

Street Address of Well:

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner:

City, State, Zip Code:

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: _____

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) (From ground surface): _____ Casing Diameter (in.): _____

Casing Depth (ft.): _____

Lower Drillhole Diameter (in.): 2.0

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet): _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☐ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
Asphalt	Surface	0.3		
Bentonite	0.3	20.0		

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: The Sigma Group | Date of Abandonment: 4/27/15

Signature of Person Doing Work: [signature] | Date Signed: 4/27/15

Street or Route: 1300 W. Canal St. | Telephone Number: (414) 643-4200

City, State, Zip Code: Milwaukee, WI 53233

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☒ Remediation/Redevelopment ☐ Other

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-3 | Gov't Lot (if applicable):

Grid Location: NW 1/4 of SE 1/4 of Sec. 35 ; T. 7 N; R. 21 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ° ' " Long ° ' "

State Plane _____ ft. N, _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: Investigative Boring | WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: VA Parking Lot #7

Facility ID | License/Permit/Monitoring No.

Street Address of Well:

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner:

City, State, Zip Code:

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: _____

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) (From ground surface): _____ Casing Diameter (in.): _____

Casing Depth (ft.): _____

Lower Drillhole Diameter (in.): 2.0

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet): _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☐ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
Asphalt	Surface	0.3		
Bentonite	0.3	10.0		

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: The Sigma Group | Date of Abandonment: 4/27/15

Signature of Person Doing Work: [signature] | Date Signed: 4/27/15

Street or Route: 1300 W. Canal St. | Telephone Number: (414) 643-4200

City, State, Zip Code: Milwaukee, WI 53233

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5 2/2000

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Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☒ Remediation/Redevelopment ☐ Other

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-4 | Gov't Lot (if applicable):

Grid Location: NW 1/4 of SE 1/4 of Sec. 35 ; T. 7 N; R. 21 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ° ' " Long ° ' " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: Investigative Boring | WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: VA Parking Lot #7

Facility ID | License/Permit/Monitoring No.

Street Address of Well:

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner:

City, State, Zip Code:

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: _____

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) (From ground surface): _____ Casing Diameter (in.): _____

Casing Depth (ft.): _____

Lower Drillhole Diameter (in.): 2.0

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet): _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☐ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
Asphalt	Surface	0.3		
Bentonite	0.3	8.0		

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: The Sigma Group | Date of Abandonment: 4/27/15

Signature of Person Doing Work: [signature] | Date Signed: 4/27/15

Street or Route: 1300 W. Canal St. | Telephone Number: (414) 643-4200

City, State, Zip Code: Milwaukee, WI 53233

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT
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Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☒ Remediation/Redevelopment ☐ Other

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-5 | Gov't Lot (if applicable):

Grid Location: NW 1/4 of SE 1/4 of Sec. 35 ; T. 7 N; R. 21 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ° ' " Long ° ' " or

State Plane _____ ft. N. _____ ft. E. S ☐ C ☐ N ☐ Zone

Reason For Abandonment: Investigative Boring | WI Unique Well No. of Replacement Well:

(2) FACILITY /OWNER INFORMATION

Facility Name: VA Parking Lot #7

Facility ID | License/Permit/Monitoring No.

Street Address of Well:

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner:

City, State, Zip Code:

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: _____

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) (From ground surface): _____ Casing Diameter (in.): _____

Casing Depth (ft.): _____

Lower Drillhole Diameter (in.): 2.0

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet): _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☐ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
Asphalt	Surface	0.3		
Bentonite	0.3	20.0		

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: The Sigma Group | Date of Abandonment: 4/27/15

Signature of Person Doing Work: [signature] | Date Signed: 4/27/15

Street or Route: 1300 W. Canal St. | Telephone Number: (414) 643-4200

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Form 3300-5 2/2000

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Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☒ Remediation/Redevelopment ☐ Other

(1) GENERAL INFORMATION

WI Unique Well No. | DNR Well ID No. | County: Milwaukee

Common Well Name: GP-6 Gov't Lot (if applicable)

Grid Location: NW 1/4 of SE 1/4 of Sec. 35 ; T. 7 N; R. 21 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat ° ' " Long ° ' " or

State Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Investigative Boring | WI Unique Well No. of Replacement Well

(2) FACILITY /OWNER INFORMATION

Facility Name: VA Parking Lot #7

Facility ID | License/Permit/Monitoring No.

Street Address of Well

City, Village, or Town: Milwaukee

Present Well Owner | Original Owner

Street Address or Route of Owner

City, State, Zip Code

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☐ Water Well
☒ Drillhole / Borehole

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) _____ (From ground surface)
Casing Diameter (in.) _____
Casing Depth (ft.) _____
Lower Drillhole Diameter (in.) 2.0

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? _____ Feet

Depth to Water (Feet) _____

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☐ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Screened & Poured ☐ Other (Explain)
(Bentonite Chips)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite-Cement Grout
☐ Bentonite - Sand Slurry

(5) Sealing Material Used	From (Ft.)	To (Ft.)		Mix Ratio or Mud Weight
Asphalt	Surface	0.3		
Bentonite	0.3	15.0		

(6) Comments _____

(7) Name of Person or Firm Doing Sealing Work: The Sigma Group | Date of Abandonment: 4/27/15

Signature of Person Doing Work: [signature] | Date Signed: 4/27/15

Street or Route: 1300 W. Canal St. | Telephone Number: (414) 643-4200

City, State, Zip Code: Milwaukee, WI 53233

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Date Received | Noted By

Comments

ATTACHMENT C

Soil Laboratory Analytical Reports

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

STACY OSZUSCIK
THE SIGMA GROUP, INC.
1300 W. CANAL STREET
MILWAUKEE, WI 53233

Report Date *05-May-15*

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834A
Sample ID GP-1 (0-9')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.5	%			1	5021		4/28/2015	LPA	1
Inorganic										
Metals										
Arsenic, Total	< 0.72	mg/Kg	0.72	2.3	1	6010B		5/5/2015	CWT	1
Barium, Total	53.7	mg/Kg	0.18	0.58	1	6010B		5/5/2015	CWT	1
Cadmium, Total	< 0.08	mg/Kg	0.08	0.25	1	6010B		5/5/2015	CWT	1
Chromium, Total	22.1	mg/Kg	0.13	0.41	1	6010B		5/5/2015	CWT	1
Lead, Total	7.17	mg/Kg	0.3	0.96	1	6010B		5/5/2015	CWT	1
Mercury, Total	0.022	mg/kg	0.0028	0.02	1	7471		5/5/2015	CWT	1
Selenium, Total	< 0.7	mg/Kg	0.7	2.23	1	6010B		5/5/2015	CWT	1
Silver, Total	< 0.34	mg/Kg	0.34	1.09	1	6010B		5/4/2015	CWT	1
Organic										
General										
Diesel Range Organics	16.4	mg/kg	1.43	4.54	1	DRO95		5/5/2015	MDK	1 43
GRO/PVOC										
Gasoline Range Organics	< 10	mg/kg	1.8	5.8	1	GRO95/8021		4/30/2015	LPA	1
Benzene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		4/30/2015	LPA	1
Ethylbenzene	< 0.025	mg/kg	0.014	0.045	1	GRO95/8021		4/30/2015	LPA	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		4/30/2015	LPA	1
Toluene	< 0.025	mg/kg	0.015	0.048	1	GRO95/8021		4/30/2015	LPA	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		4/30/2015	LPA	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.012	0.038	1	GRO95/8021		4/30/2015	LPA	1
m&p-Xylene	< 0.05	mg/kg	0.023	0.074	1	GRO95/8021		4/30/2015	LPA	1
o-Xylene	< 0.025	mg/kg	0.024	0.078	1	GRO95/8021		4/30/2015	LPA	1
PCB'S										
PCB-1016	< 0.0035	mg/kg	0.0035	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1221	< 0.0054	mg/kg	0.0054	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1232	< 0.0042	mg/kg	0.0042	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1242	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1248	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		4/30/2015	ESC	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834A
Sample ID GP-1 (0-9')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
PCB-1254	< 0.0047	mg/kg	0.0047	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1260	< 0.0049	mg/kg	0.0049	0.017	1	EPA 8082A		4/30/2015	ESC	1
Semi Volatiles										
Acetophenone	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
Acenaphthene	< 18	ug/kg	18	56	1	8270C	4/30/2015	5/4/2015	MDK	1
Acenaphthylene	< 19	ug/kg	19	60	1	8270C	4/30/2015	5/4/2015	MDK	1
Anthracene	< 22	ug/kg	22	73	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(a)anthracene	< 22	ug/kg	22	71	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(a)pyrene	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(b)fluoranthene	< 21	ug/kg	21	66	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(g,h,i)perylene	< 20	ug/kg	20	62	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(k)fluoranthene	< 22	ug/kg	22	69	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzyl Alcohol	< 43	ug/kg	43	139	1	8270C	4/30/2015	5/4/2015	MDK	1
Butyl benzyl phthalate	< 37	ug/kg	37	118	1	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroethoxy)methane	< 17	ug/kg	17	55	1	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroethyl)ether	< 15	ug/kg	15	47	1	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroisopropyl)ether	< 16	ug/kg	16	49	1	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-ethylhexyl)phthalate	45 "J"	ug/kg	24	76	1	8270C	4/30/2015	5/4/2015	MDK	5
4-Bromophenylphenyl ether	< 17	ug/kg	17	53	1	8270C	4/30/2015	5/4/2015	MDK	1
4-Chloro-3-methylphenol	< 20	ug/kg	20	63	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Chloronaphthalene	< 19	ug/kg	19	60	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Chlorophenol	< 15	ug/kg	15	49	1	8270C	4/30/2015	5/4/2015	MDK	1
4-Chlorophenylphenyl ether	< 21	ug/kg	21	66	1	8270C	4/30/2015	5/4/2015	MDK	1
Chrysene	< 21	ug/kg	21	66	1	8270C	4/30/2015	5/4/2015	MDK	1
o-Cresol	< 24	ug/kg	24	77	1	8270C	4/30/2015	5/4/2015	MDK	1
m & p-Cresol	< 38	ug/kg	38	122	1	8270C	4/30/2015	5/4/2015	MDK	1
Dibenzofuran	< 19	ug/kg	19	61	1	8270C	4/30/2015	5/4/2015	MDK	1
Dibenzo(a,h)anthracene	< 17	ug/kg	17	54	1	8270C	4/30/2015	5/4/2015	MDK	1
1,4-Dichlorobenzene	< 15	ug/kg	15	48	1	8270C	4/30/2015	5/4/2015	MDK	1
1,3-Dichlorobenzene	< 15	ug/kg	15	49	1	8270C	4/30/2015	5/4/2015	MDK	1
1,2-Dichlorobenzene	< 16	ug/kg	16	51	1	8270C	4/30/2015	5/4/2015	MDK	1
3,3'-Dichlorobenzidine	< 13	ug/kg	13	42	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dichlorophenol	< 19	ug/kg	19	62	1	8270C	4/30/2015	5/4/2015	MDK	1
Diethyl phthalate	< 24	ug/kg	24	76	1	8270C	4/30/2015	5/4/2015	MDK	1
Dimethyl phthalate	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dimethylphenol	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
Di-n-butyl phthalate	< 26	ug/kg	26	84	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dinitrophenol	< 6.6	ug/kg	6.6	21	1	8270C	4/30/2015	5/4/2015	MDK	8
2,6-Dinitrotoluene	< 19	ug/kg	19	59	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dinitrotoluene	< 28	ug/kg	28	88	1	8270C	4/30/2015	5/4/2015	MDK	1
Di-n-octyl phthalate	< 19	ug/kg	19	61	1	8270C	4/30/2015	5/4/2015	MDK	1
Diphenylamine	< 9.9	ug/kg	9.9	32	1	8270C	4/30/2015	5/4/2015	MDK	1
Fluoranthene	< 18	ug/kg	18	56	1	8270C	4/30/2015	5/4/2015	MDK	1
Fluorene	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorobenzene	< 17	ug/kg	17	55	1	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorobutadiene	< 20	ug/kg	20	64	1	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorocyclopentadiene	< 11	ug/kg	11	34	1	8270C	4/30/2015	5/4/2015	MDK	8
Hexachloroethane	< 14	ug/kg	14	44	1	8270C	4/30/2015	5/4/2015	MDK	1
Indeno(1,2,3-cd)pyrene	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
Isophorone	< 19	ug/kg	19	61	1	8270C	4/30/2015	5/4/2015	MDK	1
1-Methyl naphthalene	< 19	ug/kg	19	62	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Methyl naphthalene	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Methyl-4,6-dinitrophenol	< 9.1	ug/kg	9.1	29	1	8270C	4/30/2015	5/4/2015	MDK	8
Naphthalene	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Nitroaniline	< 15	ug/kg	15	49	1	8270C	4/30/2015	5/4/2015	MDK	1
3-Nitroaniline	< 17	ug/kg	17	53	1	8270C	4/30/2015	5/4/2015	MDK	1
4-Nitroaniline	< 16	ug/kg	16	50	1	8270C	4/30/2015	5/4/2015	MDK	1
Nitrobenzene	< 18	ug/kg	18	56	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Nitrophenol	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
4-Nitrophenol	< 13	ug/kg	13	42	1	8270C	4/30/2015	5/4/2015	MDK	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834A
Sample ID GP-1 (0-9')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
n-Nitrosodimethylamine	< 9.9	ug/kg	9.9	32	1	8270C	4/30/2015	5/4/2015	MDK	1
n-Nitrosodi-n-propylamine	< 25	ug/kg	25	79	1	8270C	4/30/2015	5/4/2015	MDK	1
Pentachlorophenol (PCP)	< 15	ug/kg	15	47	1	8270C	4/30/2015	5/4/2015	MDK	1
Phenanthrene	< 27	ug/kg	27	87	1	8270C	4/30/2015	5/4/2015	MDK	1
Phenol	< 20	ug/kg	20	62	1	8270C	4/30/2015	5/4/2015	MDK	1
Pyrene	< 21	ug/kg	21	66	1	8270C	4/30/2015	5/4/2015	MDK	1
Pyridine	< 17	ug/kg	17	54	1	8270C	4/30/2015	5/4/2015	MDK	1
2,3,4,6-Tetrachlorophenol	< 21	ug/kg	21	65	1	8270C	4/30/2015	5/4/2015	MDK	1
1,2,4-Trichlorobenzene	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4,5-Trichlorophenol	< 20	ug/kg	20	63	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4,6-Trichlorophenol	< 18	ug/kg	18	59	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Fluorobiphenyl-surrogate	69	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
2-Fluorophenol-surrogate	75	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
Nitrobenzene-d5-surrogate	62	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
Phenol-d6-surrogate	67	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
p-Terphenyl-d14-surrogate	87	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
2,4,6-Tribromophenol-surrogate	79	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834B
Sample ID GP-2 (2-15.25')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.5	%			1	5021		4/28/2015	LPA	1
Inorganic										
Metals										
Arsenic, Total	1.47 "J"	mg/Kg	0.72	2.3	1	6010B		5/5/2015	CWT	1
Barium, Total	31.4	mg/Kg	0.18	0.58	1	6010B		5/5/2015	CWT	1
Cadmium, Total	< 0.08	mg/Kg	0.08	0.25	1	6010B		5/5/2015	CWT	1
Chromium, Total	18.4	mg/Kg	0.13	0.41	1	6010B		5/5/2015	CWT	1
Lead, Total	12.0	mg/Kg	0.3	0.96	1	6010B		5/5/2015	CWT	1
Mercury, Total	0.031	mg/kg	0.0028	0.02	1	7471		5/5/2015	CWT	1
Selenium, Total	< 0.7	mg/Kg	0.7	2.23	1	6010B		5/5/2015	CWT	1
Silver, Total	< 0.34	mg/Kg	0.34	1.09	1	6010B		5/4/2015	CWT	1
Organic										
General										
Diesel Range Organics	< 10	mg/kg	1.43	4.54	1	DRO95		5/5/2015	MDK	1
GRO/PVOC										
Gasoline Range Organics	< 10	mg/kg	1.8	5.8	1	GRO95/8021		4/30/2015	LPA	1
Benzene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		4/30/2015	LPA	1
Ethylbenzene	< 0.025	mg/kg	0.014	0.045	1	GRO95/8021		4/30/2015	LPA	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		4/30/2015	LPA	1
Toluene	< 0.025	mg/kg	0.015	0.048	1	GRO95/8021		4/30/2015	LPA	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		4/30/2015	LPA	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.012	0.038	1	GRO95/8021		4/30/2015	LPA	1
m&p-Xylene	< 0.05	mg/kg	0.023	0.074	1	GRO95/8021		4/30/2015	LPA	1
o-Xylene	< 0.025	mg/kg	0.024	0.078	1	GRO95/8021		4/30/2015	LPA	1
PCB'S										
PCB-1016	< 0.0035	mg/kg	0.0035	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1221	< 0.0054	mg/kg	0.0054	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1232	< 0.0042	mg/kg	0.0042	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1242	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1248	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1254	< 0.0047	mg/kg	0.0047	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1260	< 0.0049	mg/kg	0.0049	0.017	1	EPA 8082A		4/30/2015	ESC	1
Semi Volatiles										
Acetophenone	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
Acenaphthene	< 18	ug/kg	18	56	1	8270C	4/30/2015	5/4/2015	MDK	1
Acenaphthylene	< 19	ug/kg	19	60	1	8270C	4/30/2015	5/4/2015	MDK	1
Anthracene	< 22	ug/kg	22	73	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(a)anthracene	< 22	ug/kg	22	71	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(a)pyrene	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(b)fluoranthene	< 21	ug/kg	21	66	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(g,h,i)perylene	< 20	ug/kg	20	62	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(k)fluoranthene	< 22	ug/kg	22	69	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzyl Alcohol	< 43	ug/kg	43	139	1	8270C	4/30/2015	5/4/2015	MDK	1
Butyl benzyl phthalate	< 37	ug/kg	37	118	1	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroethoxy)methane	< 17	ug/kg	17	55	1	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroethyl)ether	< 15	ug/kg	15	47	1	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroisopropyl)ether	< 16	ug/kg	16	49	1	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-ethylhexyl)phthalate	28.7 "J"	ug/kg	24	76	1	8270C	4/30/2015	5/4/2015	MDK	5
4-Bromophenylphenyl ether	< 17	ug/kg	17	53	1	8270C	4/30/2015	5/4/2015	MDK	1
4-Chloro-3-methylphenol	< 20	ug/kg	20	63	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Chloronaphthalene	< 19	ug/kg	19	60	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Chlorophenol	< 15	ug/kg	15	49	1	8270C	4/30/2015	5/4/2015	MDK	1
4-Chlorophenylphenyl ether	< 21	ug/kg	21	66	1	8270C	4/30/2015	5/4/2015	MDK	1
Chrysene	< 21	ug/kg	21	66	1	8270C	4/30/2015	5/4/2015	MDK	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834B
Sample ID GP-2 (2-15.25')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
o-Cresol	< 24	ug/kg	24	77	1	8270C	4/30/2015	5/4/2015	MDK	1
m & p-Cresol	< 38	ug/kg	38	122	1	8270C	4/30/2015	5/4/2015	MDK	1
Dibenzofuran	< 19	ug/kg	19	61	1	8270C	4/30/2015	5/4/2015	MDK	1
Dibenzo(a,h)anthracene	< 17	ug/kg	17	54	1	8270C	4/30/2015	5/4/2015	MDK	1
1,4-Dichlorobenzene	< 15	ug/kg	15	48	1	8270C	4/30/2015	5/4/2015	MDK	1
1,3-Dichlorobenzene	< 15	ug/kg	15	49	1	8270C	4/30/2015	5/4/2015	MDK	1
1,2-Dichlorobenzene	< 16	ug/kg	16	51	1	8270C	4/30/2015	5/4/2015	MDK	1
3,3'-Dichlorobenzidine	< 13	ug/kg	13	42	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dichlorophenol	< 19	ug/kg	19	62	1	8270C	4/30/2015	5/4/2015	MDK	1
Diethyl phthalate	< 24	ug/kg	24	76	1	8270C	4/30/2015	5/4/2015	MDK	1
Dimethyl phthalate	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dimethylphenol	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
Di-n-butyl phthalate	< 26	ug/kg	26	84	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dinitrophenol	< 6.6	ug/kg	6.6	21	1	8270C	4/30/2015	5/4/2015	MDK	8
2,6-Dinitrotoluene	< 19	ug/kg	19	59	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dinitrotoluene	< 28	ug/kg	28	88	1	8270C	4/30/2015	5/4/2015	MDK	1
Di-n-octyl phthalate	< 19	ug/kg	19	61	1	8270C	4/30/2015	5/4/2015	MDK	1
Diphenylamine	< 9.9	ug/kg	9.9	32	1	8270C	4/30/2015	5/4/2015	MDK	1
Fluoranthene	< 18	ug/kg	18	56	1	8270C	4/30/2015	5/4/2015	MDK	1
Fluorene	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorobenzene	< 17	ug/kg	17	55	1	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorobutadiene	< 20	ug/kg	20	64	1	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorocyclopentadiene	< 11	ug/kg	11	34	1	8270C	4/30/2015	5/4/2015	MDK	8
Hexachloroethane	< 14	ug/kg	14	44	1	8270C	4/30/2015	5/4/2015	MDK	1
Indeno(1,2,3-cd)pyrene	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
Isophorone	< 19	ug/kg	19	61	1	8270C	4/30/2015	5/4/2015	MDK	1
1-Methyl naphthalene	< 19	ug/kg	19	62	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Methyl naphthalene	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Methyl-4,6-dinitrophenol	< 9.1	ug/kg	9.1	29	1	8270C	4/30/2015	5/4/2015	MDK	8
Naphthalene	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Nitroaniline	< 15	ug/kg	15	49	1	8270C	4/30/2015	5/4/2015	MDK	1
3-Nitroaniline	< 17	ug/kg	17	53	1	8270C	4/30/2015	5/4/2015	MDK	1
4-Nitroaniline	< 16	ug/kg	16	50	1	8270C	4/30/2015	5/4/2015	MDK	1
Nitrobenzene	< 18	ug/kg	18	56	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Nitrophenol	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
4-Nitrophenol	< 13	ug/kg	13	42	1	8270C	4/30/2015	5/4/2015	MDK	1
n-Nitrosodimethylamine	< 9.9	ug/kg	9.9	32	1	8270C	4/30/2015	5/4/2015	MDK	1
n-Nitrosodi-n-propylamine	< 25	ug/kg	25	79	1	8270C	4/30/2015	5/4/2015	MDK	1
Pentachlorophenol (PCP)	< 15	ug/kg	15	47	1	8270C	4/30/2015	5/4/2015	MDK	1
Phenanthrene	< 27	ug/kg	27	87	1	8270C	4/30/2015	5/4/2015	MDK	1
Phenol	< 20	ug/kg	20	62	1	8270C	4/30/2015	5/4/2015	MDK	1
Pyrene	< 21	ug/kg	21	66	1	8270C	4/30/2015	5/4/2015	MDK	1
Pyridine	< 17	ug/kg	17	54	1	8270C	4/30/2015	5/4/2015	MDK	1
2,3,4,6-Tetrachlorophenol	< 21	ug/kg	21	65	1	8270C	4/30/2015	5/4/2015	MDK	1
1,2,4-Trichlorobenzene	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4,5-Trichlorophenol	< 20	ug/kg	20	63	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4,6-Trichlorophenol	< 18	ug/kg	18	59	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Fluorobiphenyl-surrogate	58	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
2-Fluorophenol-surrogate	68	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
Nitrobenzene-d5-surrogate	61	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
Phenol-d6-surrogate	59	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
p-Terphenyl-d14-surrogate	72	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
2,4,6-Tribromophenol-surrogate	78	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834C
Sample ID GP-3 (2-8')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.8	%			1	5021		4/28/2015	LPA	1
Inorganic										
Metals										
Arsenic, Total	< 0.72	mg/Kg	0.72	2.3	1	6010B		5/5/2015	CWT	1
Barium, Total	65.3	mg/Kg	0.18	0.58	1	6010B		5/5/2015	CWT	1
Cadmium, Total	0.18 "J"	mg/Kg	0.08	0.25	1	6010B		5/5/2015	CWT	1
Chromium, Total	21.4	mg/Kg	0.13	0.41	1	6010B		5/5/2015	CWT	1
Lead, Total	32.0	mg/Kg	0.3	0.96	1	6010B		5/5/2015	CWT	1
Mercury, Total	0.119	mg/kg	0.0028	0.02	1	7471		5/5/2015	CWT	1
Selenium, Total	< 0.7	mg/Kg	0.7	2.23	1	6010B		5/5/2015	CWT	1
Silver, Total	< 0.34	mg/Kg	0.34	1.09	1	6010B		5/4/2015	CWT	1
Organic										
General										
Diesel Range Organics	11.2	mg/kg	1.43	4.54	1	DRO95		5/5/2015	MDK	1 43
GRO/PVOC										
Gasoline Range Organics	< 10	mg/kg	1.8	5.8	1	GRO95/8021		4/30/2015	LPA	1
Benzene	0.048	mg/kg	0.014	0.046	1	GRO95/8021		4/30/2015	LPA	1
Ethylbenzene	0.033 "J"	mg/kg	0.014	0.045	1	GRO95/8021		4/30/2015	LPA	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		4/30/2015	LPA	1
Toluene	0.0268 "J"	mg/kg	0.015	0.048	1	GRO95/8021		4/30/2015	LPA	1
1,2,4-Trimethylbenzene	0.041	mg/kg	0.011	0.036	1	GRO95/8021		4/30/2015	LPA	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.012	0.038	1	GRO95/8021		4/30/2015	LPA	1
m&p-Xylene	< 0.05	mg/kg	0.023	0.074	1	GRO95/8021		4/30/2015	LPA	1
o-Xylene	0.042 "J"	mg/kg	0.024	0.078	1	GRO95/8021		4/30/2015	LPA	1
PCB'S										
PCB-1016	< 0.0035	mg/kg	0.0035	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1221	< 0.0054	mg/kg	0.0054	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1232	< 0.0042	mg/kg	0.0042	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1242	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1248	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1254	< 0.0047	mg/kg	0.0047	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1260	< 0.0049	mg/kg	0.0049	0.017	1	EPA 8082A		4/30/2015	ESC	1
Semi Volatiles										
Acetophenone	< 36	ug/kg	36	114	2	8270C	4/30/2015	5/4/2015	MDK	1
Acenaphthene	141	ug/kg	36	112	2	8270C	4/30/2015	5/4/2015	MDK	1
Acenaphthylene	77 "J"	ug/kg	38	120	2	8270C	4/30/2015	5/4/2015	MDK	1
Anthracene	237	ug/kg	44	146	2	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(a)anthracene	490	ug/kg	44	142	2	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(a)pyrene	500	ug/kg	36	116	2	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(b)fluoranthene	640	ug/kg	42	132	2	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(g,h,i)perylene	278	ug/kg	40	124	2	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(k)fluoranthene	252	ug/kg	44	138	2	8270C	4/30/2015	5/4/2015	MDK	1
Benzyl Alcohol	< 86	ug/kg	86	278	2	8270C	4/30/2015	5/4/2015	MDK	1
Butyl benzyl phthalate	< 74	ug/kg	74	236	2	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroethoxy)methane	< 34	ug/kg	34	110	2	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroethyl)ether	< 30	ug/kg	30	94	2	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroisopropyl)ether	< 32	ug/kg	32	98	2	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-ethylhexyl)phthalate	58 "J"	ug/kg	48	152	2	8270C	4/30/2015	5/4/2015	MDK	5
4-Bromophenylphenyl ether	< 34	ug/kg	34	106	2	8270C	4/30/2015	5/4/2015	MDK	1
4-Chloro-3-methylphenol	< 40	ug/kg	40	126	2	8270C	4/30/2015	5/4/2015	MDK	1
2-Chloronaphthalene	< 38	ug/kg	38	120	2	8270C	4/30/2015	5/4/2015	MDK	1
2-Chlorophenol	< 30	ug/kg	30	98	2	8270C	4/30/2015	5/4/2015	MDK	1
4-Chlorophenylphenyl ether	< 42	ug/kg	42	132	2	8270C	4/30/2015	5/4/2015	MDK	1
Chrysene	410	ug/kg	42	132	2	8270C	4/30/2015	5/4/2015	MDK	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834C
Sample ID GP-3 (2-8')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
o-Cresol	< 48	ug/kg	48	154	2	8270C	4/30/2015	5/4/2015	MDK	1
m & p-Cresol	< 76	ug/kg	76	244	2	8270C	4/30/2015	5/4/2015	MDK	1
Dibenzofuran	41 "J"	ug/kg	38	122	2	8270C	4/30/2015	5/4/2015	MDK	1
Dibenzo(a,h)anthracene	70 "J"	ug/kg	34	108	2	8270C	4/30/2015	5/4/2015	MDK	1
1,4-Dichlorobenzene	< 30	ug/kg	30	96	2	8270C	4/30/2015	5/4/2015	MDK	1
1,3-Dichlorobenzene	< 30	ug/kg	30	98	2	8270C	4/30/2015	5/4/2015	MDK	1
1,2-Dichlorobenzene	< 32	ug/kg	32	102	2	8270C	4/30/2015	5/4/2015	MDK	1
3,3'-Dichlorobenzidine	< 26	ug/kg	26	84	2	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dichlorophenol	< 38	ug/kg	38	124	2	8270C	4/30/2015	5/4/2015	MDK	1
Diethyl phthalate	< 48	ug/kg	48	152	2	8270C	4/30/2015	5/4/2015	MDK	1
Dimethyl phthalate	< 36	ug/kg	36	116	2	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dimethylphenol	< 36	ug/kg	36	114	2	8270C	4/30/2015	5/4/2015	MDK	1
Di-n-butyl phthalate	< 52	ug/kg	52	168	2	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dinitrophenol	< 13.2	ug/kg	13.2	42	2	8270C	4/30/2015	5/4/2015	MDK	8
2,6-Dinitrotoluene	< 38	ug/kg	38	118	2	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dinitrotoluene	< 56	ug/kg	56	176	2	8270C	4/30/2015	5/4/2015	MDK	1
Di-n-octyl phthalate	< 38	ug/kg	38	122	2	8270C	4/30/2015	5/4/2015	MDK	1
Diphenylamine	< 19.8	ug/kg	19.8	64	2	8270C	4/30/2015	5/4/2015	MDK	1
Fluoranthene	1190	ug/kg	36	112	2	8270C	4/30/2015	5/4/2015	MDK	1
Fluorene	70 "J"	ug/kg	36	116	2	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorobenzene	< 34	ug/kg	34	110	2	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorobutadiene	< 40	ug/kg	40	128	2	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorocyclopentadiene	< 22	ug/kg	22	68	2	8270C	4/30/2015	5/4/2015	MDK	8
Hexachloroethane	< 28	ug/kg	28	88	2	8270C	4/30/2015	5/4/2015	MDK	1
Indeno(1,2,3-cd)pyrene	251	ug/kg	36	114	2	8270C	4/30/2015	5/4/2015	MDK	1
Isophorone	< 38	ug/kg	38	122	2	8270C	4/30/2015	5/4/2015	MDK	1
1-Methyl naphthalene	38 "J"	ug/kg	38	124	2	8270C	4/30/2015	5/4/2015	MDK	1
2-Methyl naphthalene	44 "J"	ug/kg	36	116	2	8270C	4/30/2015	5/4/2015	MDK	1
2-Methyl-4,6-dinitrophenol	< 18.2	ug/kg	18.2	58	2	8270C	4/30/2015	5/4/2015	MDK	8
Naphthalene	80 "J"	ug/kg	36	114	2	8270C	4/30/2015	5/4/2015	MDK	1
2-Nitroaniline	< 30	ug/kg	30	98	2	8270C	4/30/2015	5/4/2015	MDK	1
3-Nitroaniline	< 34	ug/kg	34	106	2	8270C	4/30/2015	5/4/2015	MDK	1
4-Nitroaniline	< 32	ug/kg	32	100	2	8270C	4/30/2015	5/4/2015	MDK	1
Nitrobenzene	< 36	ug/kg	36	112	2	8270C	4/30/2015	5/4/2015	MDK	1
2-Nitrophenol	< 36	ug/kg	36	114	2	8270C	4/30/2015	5/4/2015	MDK	1
4-Nitrophenol	< 26	ug/kg	26	84	2	8270C	4/30/2015	5/4/2015	MDK	1
n-Nitrosodimethylamine	< 19.8	ug/kg	19.8	64	2	8270C	4/30/2015	5/4/2015	MDK	1
n-Nitrosodi-n-propylamine	< 50	ug/kg	50	158	2	8270C	4/30/2015	5/4/2015	MDK	1
Pentachlorophenol (PCP)	< 30	ug/kg	30	94	2	8270C	4/30/2015	5/4/2015	MDK	1
Phenanthrene	670	ug/kg	54	174	2	8270C	4/30/2015	5/4/2015	MDK	1
Phenol	< 40	ug/kg	40	124	2	8270C	4/30/2015	5/4/2015	MDK	1
Pyrene	910	ug/kg	42	132	2	8270C	4/30/2015	5/4/2015	MDK	1
Pyridine	< 34	ug/kg	34	108	2	8270C	4/30/2015	5/4/2015	MDK	1
2,3,4,6-Tetrachlorophenol	< 42	ug/kg	42	130	2	8270C	4/30/2015	5/4/2015	MDK	1
1,2,4-Trichlorobenzene	< 36	ug/kg	36	114	2	8270C	4/30/2015	5/4/2015	MDK	1
2,4,5-Trichlorophenol	< 40	ug/kg	40	126	2	8270C	4/30/2015	5/4/2015	MDK	1
2,4,6-Trichlorophenol	< 36	ug/kg	36	118	2	8270C	4/30/2015	5/4/2015	MDK	1
2-Fluorobiphenyl-surrogate	62	REC %			2	8270C	4/30/2015	5/4/2015	MDK	1
2-Fluorophenol-surrogate	67	REC %			2	8270C	4/30/2015	5/4/2015	MDK	1
Nitrobenzene-d5-surrogate	63	REC %			2	8270C	4/30/2015	5/4/2015	MDK	1
Phenol-d6-surrogate	60	REC %			2	8270C	4/30/2015	5/4/2015	MDK	1
p-Terphenyl-d14-surrogate	80	REC %			2	8270C	4/30/2015	5/4/2015	MDK	1
2,4,6-Tribromophenol-surrogate	86	REC %			2	8270C	4/30/2015	5/4/2015	MDK	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834D
Sample ID GP-4 (0-8')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.6	%			1	5021		4/28/2015	LPA	1
Inorganic										
Metals										
Arsenic, Total	< 0.72	mg/Kg	0.72	2.3	1	6010B		5/5/2015	CWT	1
Barium, Total	54.4	mg/Kg	0.18	0.58	1	6010B		5/5/2015	CWT	1
Cadmium, Total	< 0.08	mg/Kg	0.08	0.25	1	6010B		5/5/2015	CWT	1
Chromium, Total	23.1	mg/Kg	0.13	0.41	1	6010B		5/5/2015	CWT	1
Lead, Total	6.86	mg/Kg	0.3	0.96	1	6010B		5/5/2015	CWT	1
Mercury, Total	0.047	mg/kg	0.0028	0.02	1	7471		5/5/2015	CWT	1
Selenium, Total	< 0.7	mg/Kg	0.7	2.23	1	6010B		5/5/2015	CWT	1
Silver, Total	< 0.34	mg/Kg	0.34	1.09	1	6010B		5/4/2015	CWT	1
Organic										
General										
Diesel Range Organics	< 10	mg/kg	1.43	4.54	1	DRO95		5/5/2015	MDK	1
GRO/PVOC										
Gasoline Range Organics	< 10	mg/kg	1.8	5.8	1	GRO95/8021		4/30/2015	LPA	1
Benzene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		4/30/2015	LPA	1
Ethylbenzene	< 0.025	mg/kg	0.014	0.045	1	GRO95/8021		4/30/2015	LPA	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		4/30/2015	LPA	1
Toluene	< 0.025	mg/kg	0.015	0.048	1	GRO95/8021		4/30/2015	LPA	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		4/30/2015	LPA	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.012	0.038	1	GRO95/8021		4/30/2015	LPA	1
m&p-Xylene	< 0.05	mg/kg	0.023	0.074	1	GRO95/8021		4/30/2015	LPA	1
o-Xylene	< 0.025	mg/kg	0.024	0.078	1	GRO95/8021		4/30/2015	LPA	1
PCB'S										
PCB-1016	< 0.0035	mg/kg	0.0035	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1221	< 0.0054	mg/kg	0.0054	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1232	< 0.0042	mg/kg	0.0042	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1242	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1248	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1254	< 0.0047	mg/kg	0.0047	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1260	< 0.0049	mg/kg	0.0049	0.017	1	EPA 8082A		4/30/2015	ESC	1
Semi Volatiles										
Acetophenone	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
Acenaphthene	< 18	ug/kg	18	56	1	8270C	4/30/2015	5/4/2015	MDK	1
Acenaphthylene	< 19	ug/kg	19	60	1	8270C	4/30/2015	5/4/2015	MDK	1
Anthracene	27.8 "J"	ug/kg	22	73	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(a)anthracene	52 "J"	ug/kg	22	71	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(a)pyrene	40 "J"	ug/kg	18	58	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(b)fluoranthene	58 "J"	ug/kg	21	66	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(g,h,i)perylene	25.5 "J"	ug/kg	20	62	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(k)fluoranthene	< 22	ug/kg	22	69	1	8270C	4/30/2015	5/4/2015	MDK	1
Benzyl Alcohol	< 43	ug/kg	43	139	1	8270C	4/30/2015	5/4/2015	MDK	1
Butyl benzyl phthalate	< 37	ug/kg	37	118	1	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroethoxy)methane	< 17	ug/kg	17	55	1	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroethyl)ether	< 15	ug/kg	15	47	1	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroisopropyl)ether	< 16	ug/kg	16	49	1	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-ethylhexyl)phthalate	39 "J"	ug/kg	24	76	1	8270C	4/30/2015	5/4/2015	MDK	5
4-Bromophenylphenyl ether	< 17	ug/kg	17	53	1	8270C	4/30/2015	5/4/2015	MDK	1
4-Chloro-3-methylphenol	< 20	ug/kg	20	63	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Chloronaphthalene	< 19	ug/kg	19	60	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Chlorophenol	< 15	ug/kg	15	49	1	8270C	4/30/2015	5/4/2015	MDK	1
4-Chlorophenylphenyl ether	< 21	ug/kg	21	66	1	8270C	4/30/2015	5/4/2015	MDK	1
Chrysene	41 "J"	ug/kg	21	66	1	8270C	4/30/2015	5/4/2015	MDK	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834D
Sample ID GP-4 (0-8')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
o-Cresol	< 24	ug/kg	24	77	1	8270C	4/30/2015	5/4/2015	MDK	1
m & p-Cresol	< 38	ug/kg	38	122	1	8270C	4/30/2015	5/4/2015	MDK	1
Dibenzofuran	< 19	ug/kg	19	61	1	8270C	4/30/2015	5/4/2015	MDK	1
Dibenzo(a,h)anthracene	< 17	ug/kg	17	54	1	8270C	4/30/2015	5/4/2015	MDK	1
1,4-Dichlorobenzene	< 15	ug/kg	15	48	1	8270C	4/30/2015	5/4/2015	MDK	1
1,3-Dichlorobenzene	< 15	ug/kg	15	49	1	8270C	4/30/2015	5/4/2015	MDK	1
1,2-Dichlorobenzene	< 16	ug/kg	16	51	1	8270C	4/30/2015	5/4/2015	MDK	1
3,3'-Dichlorobenzidine	< 13	ug/kg	13	42	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dichlorophenol	< 19	ug/kg	19	62	1	8270C	4/30/2015	5/4/2015	MDK	1
Diethyl phthalate	< 24	ug/kg	24	76	1	8270C	4/30/2015	5/4/2015	MDK	1
Dimethyl phthalate	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dimethylphenol	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
Di-n-butyl phthalate	< 26	ug/kg	26	84	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dinitrophenol	< 6.6	ug/kg	6.6	21	1	8270C	4/30/2015	5/4/2015	MDK	8
2,6-Dinitrotoluene	< 19	ug/kg	19	59	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dinitrotoluene	< 28	ug/kg	28	88	1	8270C	4/30/2015	5/4/2015	MDK	1
Di-n-octyl phthalate	< 19	ug/kg	19	61	1	8270C	4/30/2015	5/4/2015	MDK	1
Diphenylamine	< 9.9	ug/kg	9.9	32	1	8270C	4/30/2015	5/4/2015	MDK	1
Fluoranthene	117	ug/kg	18	56	1	8270C	4/30/2015	5/4/2015	MDK	1
Fluorene	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorobenzene	< 17	ug/kg	17	55	1	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorobutadiene	< 20	ug/kg	20	64	1	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorocyclopentadiene	< 11	ug/kg	11	34	1	8270C	4/30/2015	5/4/2015	MDK	8
Hexachloroethane	< 14	ug/kg	14	44	1	8270C	4/30/2015	5/4/2015	MDK	1
Indeno(1,2,3-cd)pyrene	20.5 "J"	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
Isophorone	< 19	ug/kg	19	61	1	8270C	4/30/2015	5/4/2015	MDK	1
1-Methyl naphthalene	< 19	ug/kg	19	62	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Methyl naphthalene	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Methyl-4,6-dinitrophenol	< 9.1	ug/kg	9.1	29	1	8270C	4/30/2015	5/4/2015	MDK	8
Naphthalene	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Nitroaniline	< 15	ug/kg	15	49	1	8270C	4/30/2015	5/4/2015	MDK	1
3-Nitroaniline	< 17	ug/kg	17	53	1	8270C	4/30/2015	5/4/2015	MDK	1
4-Nitroaniline	< 16	ug/kg	16	50	1	8270C	4/30/2015	5/4/2015	MDK	1
Nitrobenzene	< 18	ug/kg	18	56	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Nitrophenol	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
4-Nitrophenol	< 13	ug/kg	13	42	1	8270C	4/30/2015	5/4/2015	MDK	1
n-Nitrosodimethylamine	< 9.9	ug/kg	9.9	32	1	8270C	4/30/2015	5/4/2015	MDK	1
n-Nitrosodi-n-propylamine	< 25	ug/kg	25	79	1	8270C	4/30/2015	5/4/2015	MDK	1
Pentachlorophenol (PCP)	< 15	ug/kg	15	47	1	8270C	4/30/2015	5/4/2015	MDK	1
Phenanthrene	61 "J"	ug/kg	27	87	1	8270C	4/30/2015	5/4/2015	MDK	1
Phenol	< 20	ug/kg	20	62	1	8270C	4/30/2015	5/4/2015	MDK	1
Pyrene	98	ug/kg	21	66	1	8270C	4/30/2015	5/4/2015	MDK	1
Pyridine	< 17	ug/kg	17	54	1	8270C	4/30/2015	5/4/2015	MDK	1
2,3,4,6-Tetrachlorophenol	< 21	ug/kg	21	65	1	8270C	4/30/2015	5/4/2015	MDK	1
1,2,4-Trichlorobenzene	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4,5-Trichlorophenol	< 20	ug/kg	20	63	1	8270C	4/30/2015	5/4/2015	MDK	1
2,4,6-Trichlorophenol	< 18	ug/kg	18	59	1	8270C	4/30/2015	5/4/2015	MDK	1
2-Fluorobiphenyl-surrogate	54	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
2-Fluorophenol-surrogate	62	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
Nitrobenzene-d5-surrogate	54	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
Phenol-d6-surrogate	52	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
p-Terphenyl-d14-surrogate	76	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1
2,4,6-Tribromophenol-surrogate	68	REC %			1	8270C	4/30/2015	5/4/2015	MDK	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834E
Sample ID GP-5 (0-12')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.4	%			1	5021		4/28/2015	LPA	1
Inorganic										
Metals										
Arsenic, Total	3.55	mg/Kg	0.72	2.3	1	6010B		5/5/2015	CWT	1
Barium, Total	66.6	mg/Kg	0.18	0.58	1	6010B		5/5/2015	CWT	1
Cadmium, Total	< 0.08	mg/Kg	0.08	0.25	1	6010B		5/5/2015	CWT	1
Chromium, Total	23.9	mg/Kg	0.13	0.41	1	6010B		5/5/2015	CWT	1
Lead, Total	78.1	mg/Kg	0.3	0.96	1	6010B		5/5/2015	CWT	1
Mercury, Total	0.090	mg/kg	0.0028	0.02	1	7471		5/5/2015	CWT	1
Selenium, Total	< 0.7	mg/Kg	0.7	2.23	1	6010B		5/5/2015	CWT	1
Silver, Total	< 0.34	mg/Kg	0.34	1.09	1	6010B		5/4/2015	CWT	1
Organic										
General										
Diesel Range Organics	< 10	mg/kg	1.43	4.54	1	DRO95		5/5/2015	MDK	1
GRO/PVOC										
Gasoline Range Organics	< 10	mg/kg	1.8	5.8	1	GRO95/8021		5/1/2015	LPA	1
Benzene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		5/1/2015	LPA	1
Ethylbenzene	< 0.025	mg/kg	0.014	0.045	1	GRO95/8021		5/1/2015	LPA	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		5/1/2015	LPA	1
Toluene	0.0254 "J"	mg/kg	0.015	0.048	1	GRO95/8021		5/1/2015	LPA	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		5/1/2015	LPA	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.012	0.038	1	GRO95/8021		5/1/2015	LPA	1
m&p-Xylene	< 0.05	mg/kg	0.023	0.074	1	GRO95/8021		5/1/2015	LPA	1
o-Xylene	< 0.025	mg/kg	0.024	0.078	1	GRO95/8021		5/1/2015	LPA	1
PCB'S										
PCB-1016	< 0.0035	mg/kg	0.0035	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1221	< 0.0054	mg/kg	0.0054	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1232	< 0.0042	mg/kg	0.0042	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1242	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1248	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1254	< 0.0047	mg/kg	0.0047	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1260	< 0.0049	mg/kg	0.0049	0.017	1	EPA 8082A		4/30/2015	ESC	1
Semi Volatiles										
Acetophenone	< 180	ug/kg	180	570	10	8270C	4/30/2015	5/4/2015	MDK	1
Acenaphthene	< 180	ug/kg	180	560	10	8270C	4/30/2015	5/4/2015	MDK	1
Acenaphthylene	206 "J"	ug/kg	190	600	10	8270C	4/30/2015	5/4/2015	MDK	1
Anthracene	500 "J"	ug/kg	220	730	10	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(a)anthracene	1690	ug/kg	220	710	10	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(a)pyrene	1430	ug/kg	180	580	10	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(b)fluoranthene	2160	ug/kg	210	660	10	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(g,h,i)perylene	910	ug/kg	200	620	10	8270C	4/30/2015	5/4/2015	MDK	1
Benzo(k)fluoranthene	810	ug/kg	220	690	10	8270C	4/30/2015	5/4/2015	MDK	1
Benzyl Alcohol	< 430	ug/kg	430	1390	10	8270C	4/30/2015	5/4/2015	MDK	1
Butyl benzyl phthalate	< 370	ug/kg	370	1180	10	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroethoxy)methane	< 170	ug/kg	170	550	10	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroethyl)ether	< 150	ug/kg	150	470	10	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-chloroisopropyl)ether	< 160	ug/kg	160	490	10	8270C	4/30/2015	5/4/2015	MDK	1
Bis(2-ethylhexyl)phthalate	< 240	ug/kg	240	760	10	8270C	4/30/2015	5/4/2015	MDK	5
4-Bromophenylphenyl ether	< 170	ug/kg	170	530	10	8270C	4/30/2015	5/4/2015	MDK	1
4-Chloro-3-methylphenol	< 200	ug/kg	200	630	10	8270C	4/30/2015	5/4/2015	MDK	1
2-Chloronaphthalene	< 190	ug/kg	190	600	10	8270C	4/30/2015	5/4/2015	MDK	1
2-Chlorophenol	< 150	ug/kg	150	490	10	8270C	4/30/2015	5/4/2015	MDK	1
4-Chlorophenylphenyl ether	< 210	ug/kg	210	660	10	8270C	4/30/2015	5/4/2015	MDK	1
Chrysene	1450	ug/kg	210	660	10	8270C	4/30/2015	5/4/2015	MDK	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834E
Sample ID GP-5 (0-12')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
o-Cresol	< 240	ug/kg	240	770	10	8270C	4/30/2015	5/4/2015	MDK	1
m & p-Cresol	< 380	ug/kg	380	1220	10	8270C	4/30/2015	5/4/2015	MDK	1
Dibenzofuran	< 190	ug/kg	190	610	10	8270C	4/30/2015	5/4/2015	MDK	1
Dibenzo(a,h)anthracene	229 "J"	ug/kg	170	540	10	8270C	4/30/2015	5/4/2015	MDK	1
1,4-Dichlorobenzene	< 150	ug/kg	150	480	10	8270C	4/30/2015	5/4/2015	MDK	1
1,3-Dichlorobenzene	< 150	ug/kg	150	490	10	8270C	4/30/2015	5/4/2015	MDK	1
1,2-Dichlorobenzene	< 160	ug/kg	160	510	10	8270C	4/30/2015	5/4/2015	MDK	1
3,3'-Dichlorobenzidine	< 130	ug/kg	130	420	10	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dichlorophenol	< 190	ug/kg	190	620	10	8270C	4/30/2015	5/4/2015	MDK	1
Diethyl phthalate	< 240	ug/kg	240	760	10	8270C	4/30/2015	5/4/2015	MDK	1
Dimethyl phthalate	< 180	ug/kg	180	580	10	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dimethylphenol	< 180	ug/kg	180	570	10	8270C	4/30/2015	5/4/2015	MDK	1
Di-n-butyl phthalate	< 260	ug/kg	260	840	10	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dinitrophenol	< 66	ug/kg	66	210	10	8270C	4/30/2015	5/4/2015	MDK	8
2,6-Dinitrotoluene	< 190	ug/kg	190	590	10	8270C	4/30/2015	5/4/2015	MDK	1
2,4-Dinitrotoluene	< 280	ug/kg	280	880	10	8270C	4/30/2015	5/4/2015	MDK	1
Di-n-octyl phthalate	< 190	ug/kg	190	610	10	8270C	4/30/2015	5/4/2015	MDK	1
Diphenylamine	< 99	ug/kg	99	320	10	8270C	4/30/2015	5/4/2015	MDK	1
Fluoranthene	3800	ug/kg	180	560	10	8270C	4/30/2015	5/4/2015	MDK	1
Fluorene	< 180	ug/kg	180	580	10	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorobenzene	< 170	ug/kg	170	550	10	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorobutadiene	< 200	ug/kg	200	640	10	8270C	4/30/2015	5/4/2015	MDK	1
Hexachlorocyclopentadiene	< 110	ug/kg	110	340	10	8270C	4/30/2015	5/4/2015	MDK	8
Hexachloroethane	< 140	ug/kg	140	440	10	8270C	4/30/2015	5/4/2015	MDK	1
Indeno(1,2,3-cd)pyrene	870	ug/kg	180	570	10	8270C	4/30/2015	5/4/2015	MDK	1
Isophorone	< 190	ug/kg	190	610	10	8270C	4/30/2015	5/4/2015	MDK	1
1-Methyl naphthalene	< 190	ug/kg	190	620	10	8270C	4/30/2015	5/4/2015	MDK	1
2-Methyl naphthalene	< 180	ug/kg	180	580	10	8270C	4/30/2015	5/4/2015	MDK	1
2-Methyl-4,6-dinitrophenol	< 91	ug/kg	91	290	10	8270C	4/30/2015	5/4/2015	MDK	8
Naphthalene	< 180	ug/kg	180	570	10	8270C	4/30/2015	5/4/2015	MDK	1
2-Nitroaniline	< 150	ug/kg	150	490	10	8270C	4/30/2015	5/4/2015	MDK	1
3-Nitroaniline	< 170	ug/kg	170	530	10	8270C	4/30/2015	5/4/2015	MDK	1
4-Nitroaniline	< 160	ug/kg	160	500	10	8270C	4/30/2015	5/4/2015	MDK	1
Nitrobenzene	< 180	ug/kg	180	560	10	8270C	4/30/2015	5/4/2015	MDK	1
2-Nitrophenol	< 180	ug/kg	180	570	10	8270C	4/30/2015	5/4/2015	MDK	1
4-Nitrophenol	< 130	ug/kg	130	420	10	8270C	4/30/2015	5/4/2015	MDK	1
n-Nitrosodimethylamine	< 99	ug/kg	99	320	10	8270C	4/30/2015	5/4/2015	MDK	1
n-Nitrosodi-n-propylamine	< 250	ug/kg	250	790	10	8270C	4/30/2015	5/4/2015	MDK	1
Pentachlorophenol (PCP)	< 150	ug/kg	150	470	10	8270C	4/30/2015	5/4/2015	MDK	1
Phenanthrene	1990	ug/kg	270	870	10	8270C	4/30/2015	5/4/2015	MDK	1
Phenol	< 200	ug/kg	200	620	10	8270C	4/30/2015	5/4/2015	MDK	1
Pyrene	2550	ug/kg	210	660	10	8270C	4/30/2015	5/4/2015	MDK	1
Pyridine	< 170	ug/kg	170	540	10	8270C	4/30/2015	5/4/2015	MDK	1
2,3,4,6-Tetrachlorophenol	< 210	ug/kg	210	650	10	8270C	4/30/2015	5/4/2015	MDK	1
1,2,4-Trichlorobenzene	< 180	ug/kg	180	570	10	8270C	4/30/2015	5/4/2015	MDK	1
2,4,5-Trichlorophenol	< 200	ug/kg	200	630	10	8270C	4/30/2015	5/4/2015	MDK	1
2,4,6-Trichlorophenol	< 180	ug/kg	180	590	10	8270C	4/30/2015	5/4/2015	MDK	1
2-Fluorobiphenyl-surrogate	47	REC %			10	8270C	4/30/2015	5/4/2015	MDK	1
2-Fluorophenol-surrogate	52	REC %			10	8270C	4/30/2015	5/4/2015	MDK	1
Nitrobenzene-d5-surrogate	42	REC %			10	8270C	4/30/2015	5/4/2015	MDK	1
Phenol-d6-surrogate	23	REC %			10	8270C	4/30/2015	5/4/2015	MDK	1
p-Terphenyl-d14-surrogate	54	REC %			10	8270C	4/30/2015	5/4/2015	MDK	1
2,4,6-Tribromophenol-surrogate	49	REC %			10	8270C	4/30/2015	5/4/2015	MDK	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834F
Sample ID GP-6 (0-15')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.0	%			1	5021		4/28/2015	LPA	1
Inorganic										
Metals										
Arsenic, Total	< 0.72	mg/Kg	0.72	2.3	1	6010B		5/5/2015	CWT	1
Barium, Total	58.6	mg/Kg	0.18	0.58	1	6010B		5/5/2015	CWT	1
Cadmium, Total	< 0.08	mg/Kg	0.08	0.25	1	6010B		5/5/2015	CWT	1
Chromium, Total	21.1	mg/Kg	0.13	0.41	1	6010B		5/5/2015	CWT	1
Lead, Total	7.40	mg/Kg	0.3	0.96	1	6010B		5/5/2015	CWT	1
Mercury, Total	0.028	mg/kg	0.0028	0.02	1	7471		5/5/2015	CWT	1
Selenium, Total	< 0.7	mg/Kg	0.7	2.23	1	6010B		5/5/2015	CWT	1
Silver, Total	< 0.34	mg/Kg	0.34	1.09	1	6010B		5/4/2015	CWT	1
Organic										
General										
Diesel Range Organics	< 10	mg/kg	1.43	4.54	1	DRO95		5/5/2015	MDK	1
GRO/PVOC										
Gasoline Range Organics	< 10	mg/kg	1.8	5.8	1	GRO95/8021		5/1/2015	LPA	1
Benzene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		5/1/2015	LPA	1
Ethylbenzene	< 0.025	mg/kg	0.014	0.045	1	GRO95/8021		5/1/2015	LPA	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		5/1/2015	LPA	1
Toluene	< 0.025	mg/kg	0.015	0.048	1	GRO95/8021		5/1/2015	LPA	1
1,2,4-Trimethylbenzene	0.048	mg/kg	0.011	0.036	1	GRO95/8021		5/1/2015	LPA	1
1,3,5-Trimethylbenzene	0.040	mg/kg	0.012	0.038	1	GRO95/8021		5/1/2015	LPA	1
m&p-Xylene	< 0.05	mg/kg	0.023	0.074	1	GRO95/8021		5/1/2015	LPA	1
o-Xylene	< 0.025	mg/kg	0.024	0.078	1	GRO95/8021		5/1/2015	LPA	1
PCB'S										
PCB-1016	< 0.0035	mg/kg	0.0035	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1221	< 0.0054	mg/kg	0.0054	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1232	< 0.0042	mg/kg	0.0042	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1242	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1248	< 0.0032	mg/kg	0.0032	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1254	< 0.0047	mg/kg	0.0047	0.017	1	EPA 8082A		4/30/2015	ESC	1
PCB-1260	< 0.0049	mg/kg	0.0049	0.017	1	EPA 8082A		4/30/2015	ESC	1
Semi Volatiles										
Acetophenone	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/5/2015	MDK	1
Acenaphthene	< 18	ug/kg	18	56	1	8270C	4/30/2015	5/5/2015	MDK	1
Acenaphthylene	< 19	ug/kg	19	60	1	8270C	4/30/2015	5/5/2015	MDK	1
Anthracene	< 22	ug/kg	22	73	1	8270C	4/30/2015	5/5/2015	MDK	1
Benzo(a)anthracene	53 "J"	ug/kg	22	71	1	8270C	4/30/2015	5/5/2015	MDK	1
Benzo(a)pyrene	55 "J"	ug/kg	18	58	1	8270C	4/30/2015	5/5/2015	MDK	1
Benzo(b)fluoranthene	87	ug/kg	21	66	1	8270C	4/30/2015	5/5/2015	MDK	1
Benzo(g,h,i)perylene	40 "J"	ug/kg	20	62	1	8270C	4/30/2015	5/5/2015	MDK	1
Benzo(k)fluoranthene	37 "J"	ug/kg	22	69	1	8270C	4/30/2015	5/5/2015	MDK	1
Benzyl Alcohol	< 43	ug/kg	43	139	1	8270C	4/30/2015	5/5/2015	MDK	1
Butyl benzyl phthalate	< 37	ug/kg	37	118	1	8270C	4/30/2015	5/5/2015	MDK	1
Bis(2-chloroethoxy)methane	< 17	ug/kg	17	55	1	8270C	4/30/2015	5/5/2015	MDK	1
Bis(2-chloroethyl)ether	< 15	ug/kg	15	47	1	8270C	4/30/2015	5/5/2015	MDK	1
Bis(2-chloroisopropyl)ether	< 16	ug/kg	16	49	1	8270C	4/30/2015	5/5/2015	MDK	1
Bis(2-ethylhexyl)phthalate	66 "J"	ug/kg	24	76	1	8270C	4/30/2015	5/5/2015	MDK	5
4-Bromophenylphenyl ether	< 17	ug/kg	17	53	1	8270C	4/30/2015	5/5/2015	MDK	1
4-Chloro-3-methylphenol	< 20	ug/kg	20	63	1	8270C	4/30/2015	5/5/2015	MDK	1
2-Chloronaphthalene	< 19	ug/kg	19	60	1	8270C	4/30/2015	5/5/2015	MDK	1
2-Chlorophenol	< 15	ug/kg	15	49	1	8270C	4/30/2015	5/5/2015	MDK	1
4-Chlorophenylphenyl ether	< 21	ug/kg	21	66	1	8270C	4/30/2015	5/5/2015	MDK	1
Chrysene	55 "J"	ug/kg	21	66	1	8270C	4/30/2015	5/5/2015	MDK	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834F
Sample ID GP-6 (0-15')
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
o-Cresol	< 24	ug/kg	24	77	1	8270C	4/30/2015	5/5/2015	MDK	1
m & p-Cresol	40 "J"	ug/kg	38	122	1	8270C	4/30/2015	5/5/2015	MDK	1
Dibenzofuran	< 19	ug/kg	19	61	1	8270C	4/30/2015	5/5/2015	MDK	1
Dibenzo(a,h)anthracene	< 17	ug/kg	17	54	1	8270C	4/30/2015	5/5/2015	MDK	1
1,4-Dichlorobenzene	< 15	ug/kg	15	48	1	8270C	4/30/2015	5/5/2015	MDK	1
1,3-Dichlorobenzene	< 15	ug/kg	15	49	1	8270C	4/30/2015	5/5/2015	MDK	1
1,2-Dichlorobenzene	< 16	ug/kg	16	51	1	8270C	4/30/2015	5/5/2015	MDK	1
3,3'-Dichlorobenzidine	< 13	ug/kg	13	42	1	8270C	4/30/2015	5/5/2015	MDK	1
2,4-Dichlorophenol	< 19	ug/kg	19	62	1	8270C	4/30/2015	5/5/2015	MDK	1
Diethyl phthalate	< 24	ug/kg	24	76	1	8270C	4/30/2015	5/5/2015	MDK	1
Dimethyl phthalate	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/5/2015	MDK	1
2,4-Dimethylphenol	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/5/2015	MDK	1
Di-n-butyl phthalate	< 26	ug/kg	26	84	1	8270C	4/30/2015	5/5/2015	MDK	1
2,4-Dinitrophenol	< 6.6	ug/kg	6.6	21	1	8270C	4/30/2015	5/5/2015	MDK	8
2,6-Dinitrotoluene	< 19	ug/kg	19	59	1	8270C	4/30/2015	5/5/2015	MDK	1
2,4-Dinitrotoluene	< 28	ug/kg	28	88	1	8270C	4/30/2015	5/5/2015	MDK	1
Di-n-octyl phthalate	< 19	ug/kg	19	61	1	8270C	4/30/2015	5/5/2015	MDK	1
Diphenylamine	< 9.9	ug/kg	9.9	32	1	8270C	4/30/2015	5/5/2015	MDK	1
Fluoranthene	136	ug/kg	18	56	1	8270C	4/30/2015	5/5/2015	MDK	1
Fluorene	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/5/2015	MDK	1
Hexachlorobenzene	< 17	ug/kg	17	55	1	8270C	4/30/2015	5/5/2015	MDK	1
Hexachlorobutadiene	< 20	ug/kg	20	64	1	8270C	4/30/2015	5/5/2015	MDK	1
Hexachlorocyclopentadiene	< 11	ug/kg	11	34	1	8270C	4/30/2015	5/5/2015	MDK	8
Hexachloroethane	< 14	ug/kg	14	44	1	8270C	4/30/2015	5/5/2015	MDK	1
Indeno(1,2,3-cd)pyrene	34 "J"	ug/kg	18	57	1	8270C	4/30/2015	5/5/2015	MDK	1
Isophorone	< 19	ug/kg	19	61	1	8270C	4/30/2015	5/5/2015	MDK	1
1-Methyl naphthalene	< 19	ug/kg	19	62	1	8270C	4/30/2015	5/5/2015	MDK	1
2-Methyl naphthalene	< 18	ug/kg	18	58	1	8270C	4/30/2015	5/5/2015	MDK	1
2-Methyl-4,6-dinitrophenol	< 9.1	ug/kg	9.1	29	1	8270C	4/30/2015	5/5/2015	MDK	8
Naphthalene	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/5/2015	MDK	1
2-Nitroaniline	< 15	ug/kg	15	49	1	8270C	4/30/2015	5/5/2015	MDK	1
3-Nitroaniline	< 17	ug/kg	17	53	1	8270C	4/30/2015	5/5/2015	MDK	1
4-Nitroaniline	< 16	ug/kg	16	50	1	8270C	4/30/2015	5/5/2015	MDK	1
Nitrobenzene	< 18	ug/kg	18	56	1	8270C	4/30/2015	5/5/2015	MDK	1
2-Nitrophenol	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/5/2015	MDK	1
4-Nitrophenol	< 13	ug/kg	13	42	1	8270C	4/30/2015	5/5/2015	MDK	1
n-Nitrosodimethylamine	< 9.9	ug/kg	9.9	32	1	8270C	4/30/2015	5/5/2015	MDK	1
n-Nitrosodi-n-propylamine	< 25	ug/kg	25	79	1	8270C	4/30/2015	5/5/2015	MDK	1
Pentachlorophenol (PCP)	< 15	ug/kg	15	47	1	8270C	4/30/2015	5/5/2015	MDK	1
Phenanthrene	62 "J"	ug/kg	27	87	1	8270C	4/30/2015	5/5/2015	MDK	1
Phenol	< 20	ug/kg	20	62	1	8270C	4/30/2015	5/5/2015	MDK	1
Pyrene	98	ug/kg	21	66	1	8270C	4/30/2015	5/5/2015	MDK	1
Pyridine	< 17	ug/kg	17	54	1	8270C	4/30/2015	5/5/2015	MDK	1
2,3,4,6-Tetrachlorophenol	< 21	ug/kg	21	65	1	8270C	4/30/2015	5/5/2015	MDK	1
1,2,4-Trichlorobenzene	< 18	ug/kg	18	57	1	8270C	4/30/2015	5/5/2015	MDK	1
2,4,5-Trichlorophenol	< 20	ug/kg	20	63	1	8270C	4/30/2015	5/5/2015	MDK	1
2,4,6-Trichlorophenol	< 18	ug/kg	18	59	1	8270C	4/30/2015	5/5/2015	MDK	1
2-Fluorobiphenyl-surrogate	70	REC %			1	8270C	4/30/2015	5/5/2015	MDK	1
2-Fluorophenol-surrogate	74	REC %			1	8270C	4/30/2015	5/5/2015	MDK	1
Nitrobenzene-d5-surrogate	62	REC %			1	8270C	4/30/2015	5/5/2015	MDK	1
Phenol-d6-surrogate	67	REC %			1	8270C	4/30/2015	5/5/2015	MDK	1
p-Terphenyl-d14-surrogate	86	REC %			1	8270C	4/30/2015	5/5/2015	MDK	1
2,4,6-Tribromophenol-surrogate	88	REC %			1	8270C	4/30/2015	5/5/2015	MDK	1

Project Name VA PARKING LOT 7 **Invoice #** E28834
Project # 15233

Lab Code 5028834G
Sample ID TRIP BLANK
Sample Matrix Soil
Sample Date 4/27/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC										
Benzene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		4/30/2015	LPA	1
Ethylbenzene	< 0.025	mg/kg	0.014	0.045	1	GRO95/8021		4/30/2015	LPA	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		4/30/2015	LPA	1
Toluene	< 0.025	mg/kg	0.015	0.048	1	GRO95/8021		4/30/2015	LPA	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		4/30/2015	LPA	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.012	0.038	1	GRO95/8021		4/30/2015	LPA	1
m&p-Xylene	< 0.05	mg/kg	0.023	0.074	1	GRO95/8021		4/30/2015	LPA	1
o-Xylene	< 0.025	mg/kg	0.024	0.078	1	GRO95/8021		4/30/2015	LPA	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

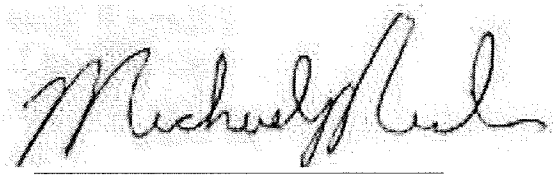
Code	*Comment*
1	Laboratory QC within limits.
5	The QC blank not within established limits.
8	Closing calibration standard not within established limits.
43	Oil contamination indicated outside DRO window.

CWT denotes sub contract lab - Certification #445126660

ESC denotes sub contract lab - Certification #998093910

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



CHAIN OF STODY RECORD

Synergy Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # Nº 3069

Page 1 of 1

Sample Handling Request
Rush Analysis Date Required
(Rushes accepted only with prior authorization)
results by May 5th 7am Normal Turn Around

Lab I.D. #			
Account No. :	Quote No.: Standard		
Project #: 152853			
Sampler: (signature)			
Project (Name / Location): VA Parking Lot 7 / Milwaukee, WI			
Reports To: Stacy Oszusick	Invoice To: SAME		
Company Sigma	Company		
Address 1300 W. Canal St.	Address		
City State Zip MKE, WI 53233	City State Zip		
Phone 414-643-4200	Phone		
FAX 414-643-4210	FAX		

Analysis Requested | **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection Time (am/pm)	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	SVOC	PID FID
502834A	GP-1 (0-9')	4/27/15	8:15	X		N	6	Soil	1-methanol	X	X					X	X						X	X	0
B	GP-2 (2-15.25')		8:50							X	X					X	X						X	X	0.1
C	GP-3 (2-8')		10:45							X	X					X	X						X	X	0
D	GP-4 (0-8')		11:40							X	X					X	X						X	X	0
E	GP-5 (0-12')		9:40							X	X					X	X						X	X	0.
F	GP-16 (0-15')		12:20pm							X	X					X	X						X	X	0.9
G	Trip Blank	4-27-15	9am		X		1										X								

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Recorded PIDs are the highest PIDs encountered in composite

Sample Integrity - To be completed by receiving lab.					
Method of Shipment: Driven					
Temp. of Temp. Blank ___ °C On Ice: X					
Cooler seal intact upon receipt: X Yes ___ No					
Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	330	4/27/15			
Received in Laboratory By:	Time: 8:00	Date: 4/28/15			