May 15, 2017

Mr. Greg Michael
Wisconsin Department of Natural Resources
2300 North Martin Luther King Jr. Drive
Milwaukee, WI 53212

RE: Soil Placement Approval Request for the Proposed VA Urgent Care Addition Located at 5000 West National Avenue in Milwaukee, Wisconsin — DNR BRRTs # 02-41-563846; FEC Project No. 170402

Dear Mr. Michael:

On behalf of Progressive Construction Services, LLC (PCS), ***Friess Environmental Consulting, Inc. (FEC)*** submits this letter to request that the Wisconsin Department of Natural Resources (DNR) grant a ch. NR 718.12 Wisconsin Administrative Code (WAC) approval for approximately 3,400 cubic yards (CY) of soil scheduled for excavation from the above-referenced property. The soils are proposed to be disposed of at the R&R excavating site ("the "Site") located near the intersection of Highway 60 and Highway I in the Town of Cedarburg.

This letter provides a description of the generator site history and re-development plans, presents a summary of characterization data obtained to date for the generator site, and provides our conclusions and recommendations regarding the disposal of the soils. This letter will also discuss the continued protectiveness of human health and the environment through management of these soils and the low hazard risk to remove and place the soils at the R&R Excavating Site.

R&R Excavating Site

The Site is located near the intersection of Highway 60 and Highway I in the Town of Cedarburg. The Site totals approximately 39.5-acres of which 11 acres had historically been quarried and subsequently filled as part of the quarry reclamation plan. The property is bordered by vacant agricultural land to the south and east, former quarries to the north and west, and Highway I farther to the east.

The Site meets the locational criteria outlined in ch. NR 718.12(1)(c) WAC. The soils placed at the R&R Excavating site have not been and will not be located within a floodplain; within 100 feet of any wetland or critical habitat area; within 300 feet of any navigable river, stream, lake, pond or flowage; or within 100 feet of any on-site water supply well or 300 feet of any off-site water supply well. In addition, soils have not been placed and will not be placed within 3 feet of the groundwater table. Information related to the Site as it relates to the ch. NR 718.12 locational criteria has been provided to and approved by the DNR.

The soils proposed to be placed at the Site as part of this ch. NR 718.12 and/or LHE approval request will be placed at a depth of approximately 20 feet below the proposed finished grade and at a distance greater than 3 feet above the groundwater table at the Site. Based on the relatively insoluble and/or highly immobile nature of the contaminants, the planned capping of the Site, and the increased distance from the groundwater table at the disposal site versus the generator site, we request an exemption to the locational criteria of ch. NR 718.12(1)(c)6 to allow placement of the contaminated soil at a depth greater than the depth of the original excavation from which it was removed.

Although it is not a condition of the approved reclamation plan, nor does the Site have groundwater quality exceedances, the owner of the Site will accept placement of the Site on the DNR GIS registry following completion of the reclamation plan as part of the ch. NR 718.12 approval to accept soils at the Site. The GIS registry would prohibit construction of a potable well on the Site without prior DNR approval, document soil conditions on the Site, and implement a cap maintenance plan (CMP) for the Site. No development is planned as part of the reclamation.

Response Action (Generator) Site Description

The development project is located at 5000 West National Avenue in Milwaukee, Wisconsin. Several environmental studies have been conducted at the Site including Phase I and II Environmental Site Assessments and soil management sampling.

Geotechnical and environmental site assessments have also been conducted in the area of the proposed Urgent Care addition. Based on information obtained during the installation of geotechnical 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 gray clay was encountered beneath the fill soils. Groundwater was encountered at a depth of about 20 feet bgs. Perched water may be present; however groundwater will not be encountered during construction.

The results of soil sampling conducted in other areas (parking structures) did indicate concentrations of polynuclear aromatic hydrocarbons (PAHs) and lead. Based on a review of the geotechnical study, the soils in the area of the Urgent Care addition are similar. As such the soils will likely require soils management during construction. As discussed above, additional sampling was conducted to evaluate the soils in the vicinity of the proposed Urgent Care addition and confirm that soil impacts are not a significant risk to groundwater.

On May 3, 2017, FEC conducted six (6) soil probes to assist with the evaluation of soils to be removed during the development. The total depth of the excavation is approximately 5 feet bgs along the footing lines and will extend deeper at locations of pilings. Sixteen (16) soil samples were collected along the footing lines and piling locations in the area of the proposed addition and submitted for

analytical testing of PAHs, PVOCs, and/or lead. The soil samples collected are considered representative of the soils to be disposed of at the R&R Excavating site. In addition, a soil sample with concentrations of PAHs above the DNR residual contaminant levels (RCLs) for the protection of groundwater were submitted for water leach testing to confirm the soils are not a significant risk to groundwater. The sampling locations are shown on Figure 2. The results of the previous soil analytical testing conducted by FEC in October 2016 (parking structure) and the results of the recent evaluation conducted by FEC for the Urgent Care generator site are attached.

We believe that the soil sampling conducted for the geotechnical and environmental assessments has sufficiently characterized the soils to be removed for disposal. In addition, we believe that a soil sample was collected for analysis for each 100 cubic yards of contaminated soil for the first 600 yards and an additional sample was collected for analysis for each additional 300 cubic yards to be removed thus meeting the requirements of NR 718.12 (e), WAC.

The soil proposed for placement is excess soil to be generated during excavation for building construction as part of redevelopment. The development will involve the construction of the addition to the VA Urgent Care facility. Reworked fill is present on the site. Information regarding the development plans is included with this request.

Based on the remedial actions already completed on the site and the results of the recent subsurface explorations, there are no suspected or significant sources of impact to the soil. Although the intent is to minimize any off-site transport, approximately 3,400 CY of soil are anticipated to require off-site management. The fill soils can be managed with a ch. NR 718.12 approval for disposal at the R&R Excavating site. Based on a review of the analytical data from the generator site, the concentrations are less, as compared to those soils placed at the R&R Excavating Site under previous disposal approvals.

Development Plans

The Clement J. Zablocki Veterans Affairs Urgent Care Center intends to erect a two story addition to be located to the south of their existing facility. Construction is anticipated to begin in June 2017 and be completed by January 2018. The site plan for the proposed development is attached.

It is anticipated that approximately 3,400 CY of material will be generated during construction of the parking lot, foundations, utility construction and site grading that is geotechnically unsuitable to be reused at the site. These soils will be disposed of at the R&R Excavating site. The surplus fill soils that cannot be reused at the site will require export. The historic fill soils are proposed for disposal through a ch. NR 718.12 exemption.

The earthmoving activities will be monitored for unanticipated environmental conditions (such as a buried tank or barrel, strong unidentifiable odors,

discolored soil, or volatile vapors) and to manage the materials appropriately, if necessary.

Conclusions

Approximately 3,400 CY of soils would originate from the generator site. The soils contain impacts that are likely attributable to the fill soils. The soils to be removed are associated with footing, foundation, and utility excavation related to the construction of the addition to the VA urgent care facility. The soils cannot be transported off-site as clean fill.

We request that the DNR grant the ch. NR 718.12 exemption approval, as well as an exemption to ch. NR 718.12(1) (c) 6, for the disposal of soil from the proposed development at the R&R Excavating Site.

We appreciate your assistance with this request. If you have any questions or comments regarding this submittal, please contact us at (414) 228-9815.

Respectfully,

Friess Environmental Consulting, Inc.

Trenton J. Ott
Project Manager

Richard W. Frieseke, P.E.
President

170402a

Project Contacts

Disposal Site

R&R Excavating Site
County Road I
Cedarburg, WI 53012
SE ¼ of the NE ¼, Section 22, Township 10 N, Range 21 E
WTM Coordinates: 683133, 318082; 43.317884 Latitude, -87.988200 Longitude

Charmoli Holdings, LLC
Mr. Dick and Maxine Charmoli
320 Douglas Lane
Cedarburg, WI 53012
(262) 377-5736

Friess Environmental Consulting, Inc.
Mr. Rick Frieseke
6637 North Sidney Place
Milwaukee, WI 53209
(414) 228-9815

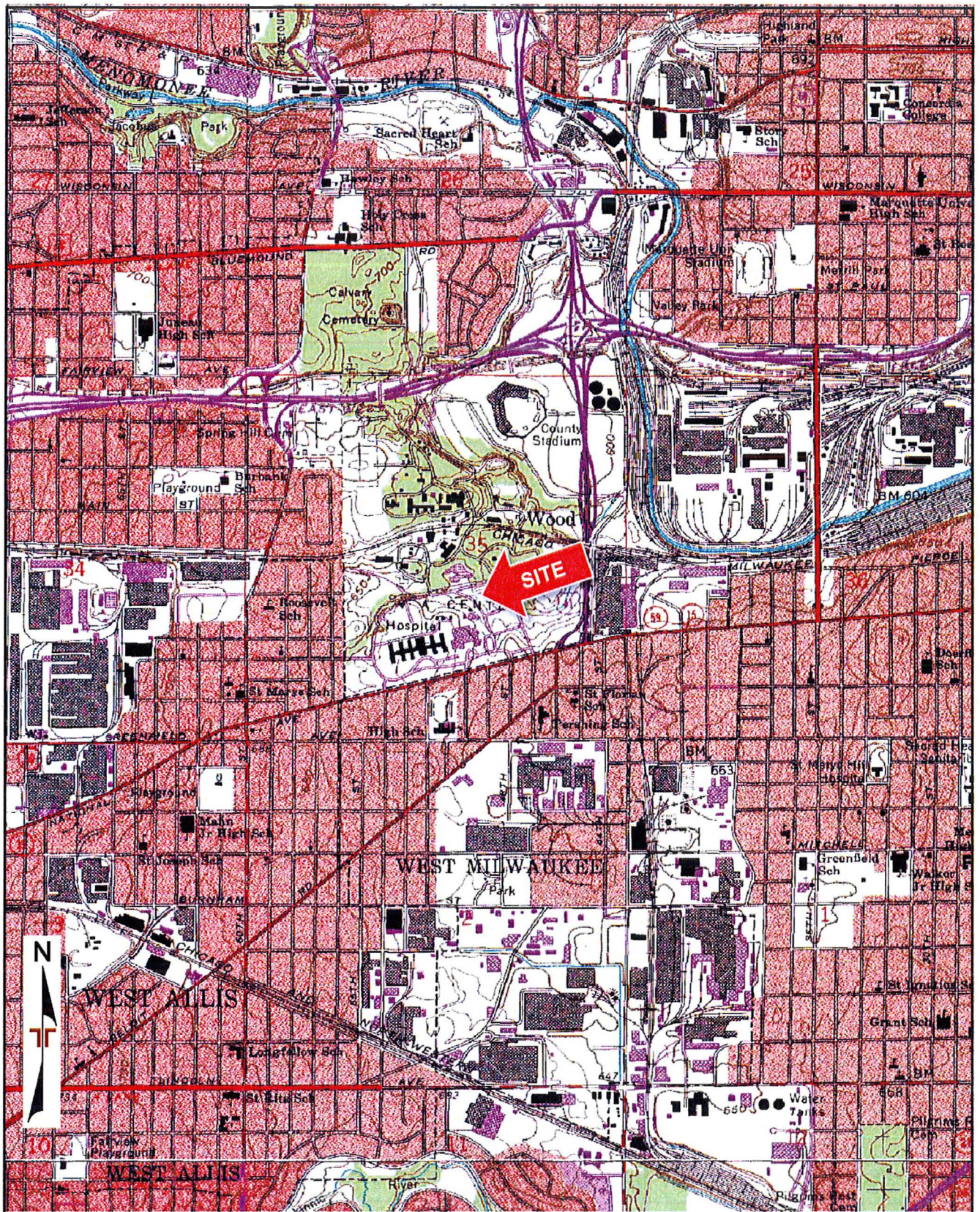
Generator Site

Proposed VA Parking Structure
CLEMENT J. ZABLOCKI VA MEDICAL CENTER
Mr. Jim Beier Attn: Facility Management Division
5000 W. National Avenue
Building 70, Room 250E
Milwaukee, Wisconsin 53295
Phone: (414) 384-2000
Southwest ¼ Southwest ¼ Section 20, Township 7 North, Range 22

Progressive Construction Services, LLC
Mr. Ken Wasemiller
944 North Parker Drive
Janesville, WI 53545
(608) 295-8841

Generator Site Information

1. Site Diagrams
2. Giles Geotechnical Study July 2015
3. VA Sampling Data December 2016
4. FEC Sampling Data May 2017
5. Construction Plans



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY
QUADRANGLES INCLUDE: WAUWATOSA, WI (1/1/1994), MILWAUKEE, WI (1/1/1971), HALES CORNERS, WI (1/1/1994) and GREENDALE, WI (1/1/1976).

Project Manager: JDW	Project No. MR155043	Terracon	SITE LOCATION	Exhibit
Drawn by: JDW	Scale: 1"=24,000 SF	9856 South 57th Street	Milwaukee VA Hospital Lot 7 Parking Garage	A-1
Checked by: PAT	File Name:	Franklin, WI 53132	5000 W. National Avenue	
Approved by: PAT	Date: 06/2015		Milwaukee, WI	

KEYED NOTES

1. REMOVE SANITARY/STORM PIPING ONLY AFTER NEW PIPING HAS BEEN INSTALLED PER PLUMBING PLANS. PROTECT EXISTING PIPING TO REMAIN FOR RECONNECTION. CONTRACTOR TO NOTIFY VA FOR OUTAGE.
2. MODIFY EXISTING SAN MAIN FOR INSTALLATION OF NEW 48" MANHOLE.
3. REMOVE EXISTING CONCRETE EQUIPMENT PAD COMPLETE
4. REMOVE EXISTING FENCE AND SUPPORT.
5. REMOVE TREES AND BUSHES
6. MODIFY ACCESS/AREA WELL STRUCTURE TO 6" ABOVE UNFINISHED SPACE FINISHED FLOOR ELEVATION. PROVIDE NEW STEEL GRATE. SIMILAR TO DETAIL 5 ON SHEET C501.
7. REMOVE CONCRETE AIR VENT WELL. PROTECT AIR VENT TO BE REUSED.
8. REMOVE EXISTING STAIRWELL AND CONCRETE STRUCTURE.
9. REMOVE GRADE TO BELOW TOS 647.5'+/−. COORDINATE WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ELEVATIONS. SEE CONSTRUCTION WASTE SPECIFICATION FOR INSTRUCTIONS OF WASTE SOIL REMOVAL.
10. REMOVE REMAINING STRUCTURE FOR ENTRY, INCLUDING FOUNDATION, FRAMING, AND ACCESSORIES.
11. REMOVE CURB AND GUTTER FOR JOB SITE ENTRANCE TO PROTECT. PROVIDE TEMPORARY RAMP FOR VEHICLE ENTRY.
12. REMOVE DRAIN TILE PIPING. PROTECT EXISTING PIPING TO REMAIN FOR RECONNECTION.
13. PROTECT EXISTING BUILDING WINDOWS AND WALLS DURING DEMOLITION.

UTILITY NOTES

1. UTILITIES SHOWN ARE AS REPORTED TO DESIGN TEAM AND INDICATED ON EXISTING UTILITY BASE PLAN. NO ATTEMPTS HAVE BEEN MADE TO EXCAVATE, UNCOVER, OR EXPOSE UNDERGROUND UTILITIES TO VERIFY THEIR SIZE, DEPTH, CONDITION, OR EXACT LOCATION.
2. CONTRACTOR IS SOLELY RESPONSIBLE TO PROVIDE ADVANCED NOTICE TO DIGGER'S HOTLINE AND PAY FOR PRIVATE UTILITY LOCATION SERVICES NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION.

UTILITY ISSUES

1. IF UNDOCUMENTED BURIED UTILITIES ARE ENCOUNTERED DURING EXCAVATION, IMMEDIATELY CALL GRAPHICS AND COR:

   VA GRAPHICS CENTER
   ZABLOCKI VA
   PHONE: 414−384−2000 EXT. 41010

PRIVATE UTILITY COMPANIES FAMILIAR WITH VA GROUNDS

ALL LINES UTILITY SERVICES
414−302−9750
OR
PRIVATE LINES INC.
888−246−0220

GENERAL NOTES

1. MAINTAIN ACCOUNTABILITY FOR ALL TOOLS ON JOBSITE. TOOLS SHALL REMAIN IN CONTRACTOR'S POSSESSION OR WITHIN SECURED CONTAINER AT ALL TIMES DUE TO THE ENVIRONMENT OF THE JOB SITE.
2. CONTRACTOR SHALL REFERENCE PHASING PLANS FOR COORDINATION OF CONSTRUCTION.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1−800−242−8511
TOLL FREE
TELEFAX 1−800−338−3860
TDD (FOR HEARING IMPAIRED) 1−800−542−2289

WISCONSIN STATUTE 182.0175 (1974) REQUIRES MINIMUM OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

1 SITE PLAN

1/8" = 1'-0"

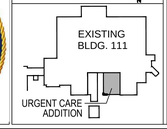
FULLY SPRINKLERED

BID DOCUMENTS

Revisions:	Date

Department of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI

KEY PLAN:



CONSULTANTS:

PCG DIGNITY BUILT SERVICES
THE SIGMA GROUP Single Source. Sound Solutions.
R.A. Smith National
Lerdahl

PROJECT LEADER:

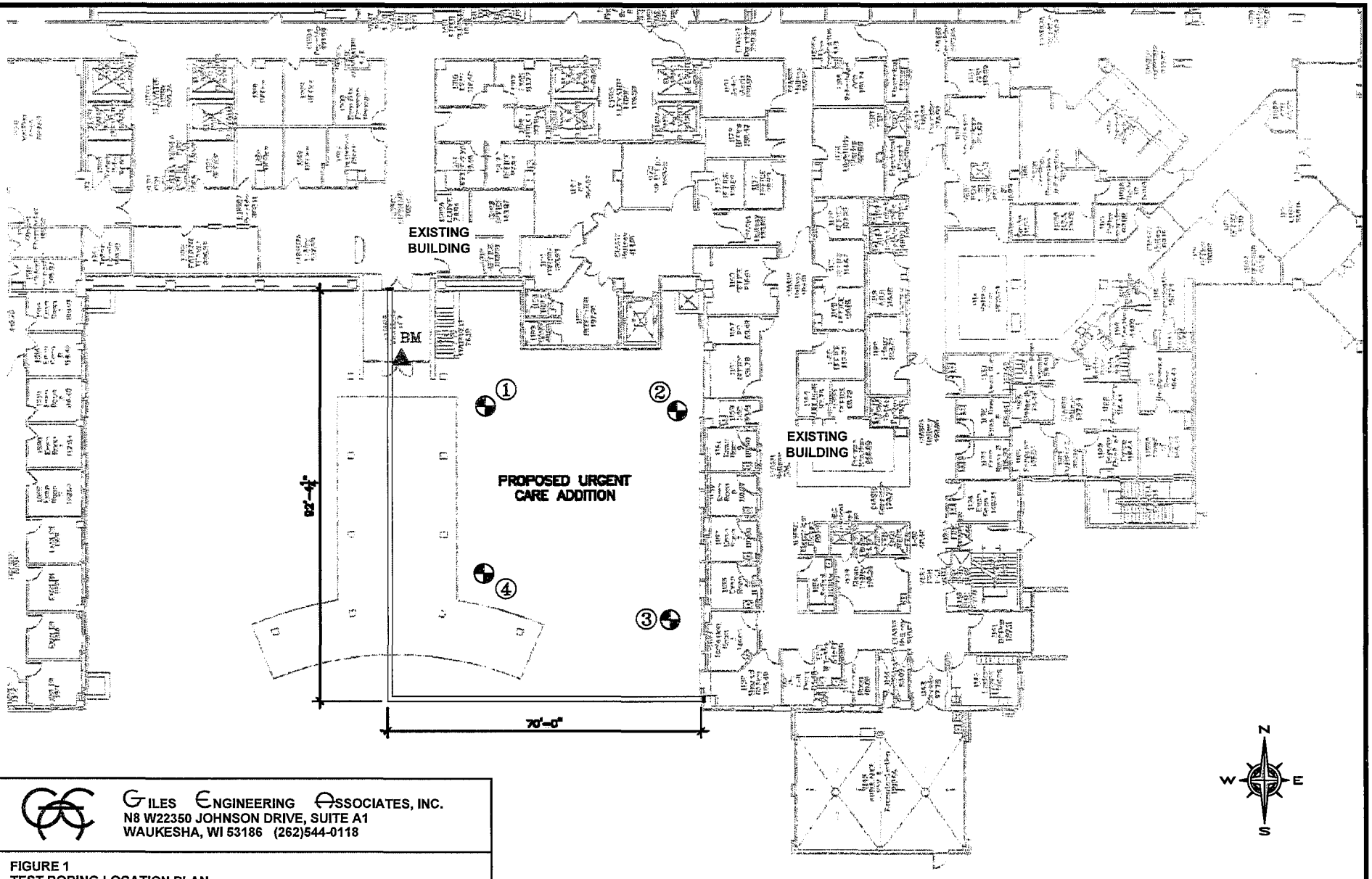
Chequamegon BAY GROUP, INC.
309 N. WATER ST.
SUITE 650
MILWAUKEE, WI 53202
PHONE: (414) 258-6004

Drawing Title: SITE DEMOLITION PLAN	Project Title: 111 EXPAND URGENT CARE	Project Number: 695-402	Office of Facilities Management
Approved: Project Director	Location: VA Medical Center, Milwaukee, WI	Building Number: 111	
	Date: January 28th, 2016 / Checked By: HFB / Drawn By: ELO	Drawing Number: CD100	Department of Veterans Affairs

VA FORM 08−6231, OCT 1978

V:\2− CBC Projects\2014\14−R042−2ab111ExpandUrgentCare\Drawings\Civil\CD100 Demolition Plan.dwg 1−29−16 10:28:55 AM kkozak

one inch = one foot 0 6"
three inches = one foot 6"
one and one half inches = one foot 1 0 6"
one inch = one foot 2 0 6"
three quarters inch = one foot 2 0 6"
one half inch = one foot 4 0
three eighths inch = one foot 4
one quarter inch = one foot 8
one eighth inch = one foot 16



GILES ENGINEERING ASSOCIATES, INC.
N8 W22350 JOHNSON DRIVE, SUITE A1
WAUKESHA, WI 53186 (262)544-0118

FIGURE 1
TEST BORING LOCATION PLAN
ZABLOCKI VA CENTER
PROPOSED BUILDING 111 ADDITION
5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVISED
PDR	JSZ	approx. 1"=30'	07-09-15	–
PROJECT NO.: 1G-1506001			CAD No. 1g1506001-blp2	

LEGEND:

① GEOTECHNICAL TEST BORING

BM BENCHMARK: FINISHED FLOOR OF EXISTING BUILDING. ASSUMED ELEVATION = 100.0'

NOTES:

1.) TEST BORING LOCATIONS ARE APPROXIMATE.

2.) BASE MAP DEVELOPED FROM THE FILE (B111 Existing Plan.pdf), PROVIDED BY THE CLIENT ON 6-2-15.

BORING NO. & LOCATION: 1	TEST BORING LOG	
SURFACE ELEVATION: 662.5 feet	ZABLOCKI VA CENTER BUILDING 111 ADDITION	
COMPLETION DATE: 07/01/15	5000 W. NATIONAL AVENUE MILWAUKEE, WISCONSIN	GILES ENGINEERING ASSOCIATES, INC.
FIELD REP: KEITH FLOWERS	PROJECT NO: 1G-1506001	

MATERIAL DESCRIPTION	Depth (ft)	Elevation	Sample No. & Type	N	Q_u (tsf)	Q_p (tsf)	Q_s (tsf)	W (%)	PID	NOTES
9"± Dark Brown Silty Clay, little Sand and Organic Matter (Topsoil Fill) - Moist			1-SS	6						
Brown and Dark Brown Silty Clay, little to some Sand and Gravel, trace Organic Matter (Fill) - Moist		660	2-SS	11		1.3		12		
			3-SS	13				11		
			4-SS	12				12		
	10		5-SS	8	2.1	2.6		20		
Black Silty Clay, trace Sand and Organic Matter (Fill) - Moist		650	6-SS	13		2.0		16		
Brown and Gray Silty Clay, some Sand and Gravel (Fill) - Moist			7-SS	10				11		
Black and Dark Brown Silty Clay, trace Sand and Organic Matter (Buried Topsoil) - Moist			8-SS	11		3.0		29		LOI= 7%
Gray and Yellow-Brown mottled Silty Clay, trace Sand - Moist	20		9-SS	11	2.3	2.0		29		
Brown to Gray-Brown Silty fine to medium Sand - Moist		640	10-SS	12				14		
Gray Silty fine to medium Sand with Silty Clay lenses - Moist to Wet	▽ 30		11-SS	15				14		
Gray Clayey Silt, little to some Sand with Silty fine to medium Sand lenses - Moist to Wet		630	12-SS	17	1.8	2.3		18		
	40		13-SS	17	1.0	1.0		20		
Gray Silty Clay, trace Sand and Gravel - Moist		620	14-SS	9	2.0	1.9		15		
Boring Terminated at about 46 feet (EL. 616.5')										

Water Observation Data	Remarks:
▽ Water Encountered During Drilling: 30 ft.	LOI= Loss-on-Ignition
▼ Water Level At End of Drilling: None	
Cave Depth At End of Drilling: 46 ft.	
▼ Water Level After __ Hours: __ ft.	
Cave Depth After __ Hours: __ ft.	

GILES LOG REPORT 1G1506001.GPJ GILES.GDT 8/6/15

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.

BORING NO. & LOCATION: 2	TEST BORING LOG	GILES ENGINEERING ASSOCIATES, INC.
SURFACE ELEVATION: 662.6 feet	ZABLOCKI VA CENTER BUILDING 111 ADDITION	
COMPLETION DATE: 07/01/15	5000 W. NATIONAL AVENUE MILWAUKEE, WISCONSIN	
FIELD REP: KEITH FLOWERS	PROJECT NO: 1G-1506001	

MATERIAL DESCRIPTION	Depth (ft)	Elevation	Sample No. & Type	N	Q_u (tsf)	Q_p (tsf)	Q_s (tsf)	W (%)	PID	NOTES
8"± Dark Brown Silty Clay, little Sand, trace Organic Matter (Topsoil Fill) - Moist			1-SS	6				12		
Brown, Gray-Brown and Dark Brown Silty Clay, little to some Sand and Gravel (Fill) - Moist		660	2-SS	7	1.8	2.0		19		
	5		3-SS	9	2.5	2.4		20		
		655	4-SS	10		4.5+		17		
	10		5-SS	13		2.2		18		
Dark Brown to Black Silty Clay, trace Sand, Gravel and Organic Matter (Fill) - Moist		650	6-SS	14	3.6	3.7		20		
	15		7-SS	12		3.4		20		
		645	8-SS	13		3.1		24		LOI= 5%
Black Silty Clay, trace Sand and Organic Matter (Buried Topsoil) - Moist										
	20		9-SS	11						(a)
Gray-Brown and Yellow-Brown mottled Silty Clay, little Sand - Moist		640								
	25		10-SS	11		4.0		22		
Boring Terminated at about 26 feet (EL. 636.6')										

	Water Observation Data	Remarks:
▽	Water Encountered During Drilling: None	(a) No Sample Recovery
▼	Water Level At End of Drilling: None	LOI= Loss-on-Ignition
	Cave Depth At End of Drilling: 19.5 ft.	
▼	Water Level After __ Hours: __ ft.	
	Cave Depth After __ Hours: __ ft.	

GILES LOG REPORT 1G1506001.GPJ GILES.GDT 8/6/15

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.

BORING NO. & LOCATION: 3	TEST BORING LOG	GILES ENGINEERING ASSOCIATES, INC.
SURFACE ELEVATION: 662.2 feet	ZABLOCKI VA CENTER BUILDING 111 ADDITION	
COMPLETION DATE: 07/01/15	5000 W. NATIONAL AVENUE MILWAUKEE, WISCONSIN	
FIELD REP: KEITH FLOWERS	PROJECT NO: 1G-1506001	

MATERIAL DESCRIPTION	Depth (ft)	Elevation	Sample No. & Type	N	Q_u (tsf)	Q_p (tsf)	Q_s (tsf)	W (%)	PID	NOTES
12"± Dark Brown Silty Clay, little Sand and Organic Matter (Topsoil Fill) - Moist			1-SS	6	2.5	3.0		16		
Brown and Gray-Brown Silty Clay, little Sand and Gravel (Fill) - Moist		660	2-SS	10	3.5	3.5		18		
			3-SS	11		3.3		17		
			4-SS	9	2.1	2.2		17		
	10		5-SS	7		1.8		20		
Dark Gray-Brown to Black Sandy Clay, some Gravel, trace Organic Matter (Fill) - Damp		650	6-SS	32		4.5+		9		
			7-SS	36	3.5	4.4		19		
Dark Gray Silty Clay, trace Sand and Organic Matter (Buried Topsoil) - Moist			8-SS	12	3.3	3.5		28		
Gray and Yellow-Brown mottled Silty Clay, trace Sand with Calcareous Deposits - Damp to Moist	20		9-SS	17		4.5+		20		
		640								
Gray-Brown Silty Clay, trace to little Sand - Moist			10-SS	17		2.2		17		
Gray Silty fine to medium Sand with Silty Clay lenses - Moist to Wet	▽ 30		11-SS	16	2.0	1.5		16		
		630								
Gray to Gray-Brown Clayey Silt, little Sand with Silty fine to medium Sand lenses - Moist to Wet			12-SS	11						(a)
	40		13-SS	15				23		
		620								
Gray Silty Clay, trace Sand - Moist			14-SS	15		1.3		14		
Boring Terminated at about 46 feet (EL. 616.2')										

	Water Observation Data	Remarks:
▽	Water Encountered During Drilling: 30 ft.	(a) No Sample Recovery
▼	Water Level At End of Drilling: None	
	Cave Depth At End of Drilling: 34 ft.	
▼	Water Level After __ Hours: __ ft.	
	Cave Depth After __ Hours: __ ft.	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.

GILES LOG REPORT 1G1506001.GPJ GILES.GDT 8/6/15

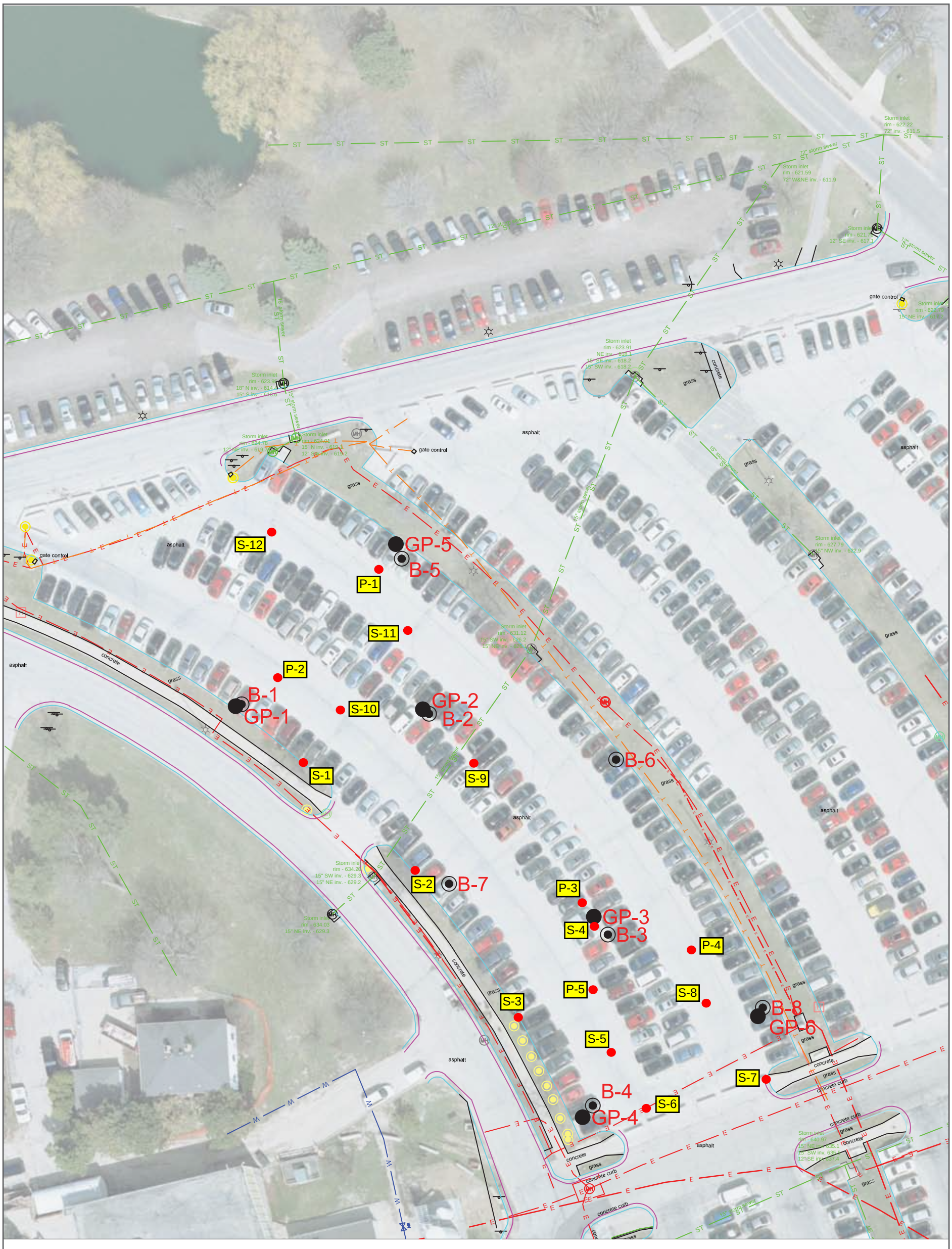
BORING NO. & LOCATION: 4	TEST BORING LOG	GILES ENGINEERING ASSOCIATES, INC.
SURFACE ELEVATION: 662.1 feet	ZABLOCKI VA CENTER BUILDING 111 ADDITION	
COMPLETION DATE: 07/01/15	5000 W. NATIONAL AVENUE MILWAUKEE, WISCONSIN	
FIELD REP: KEITH FLOWERS	PROJECT NO: 1G-1506001	

MATERIAL DESCRIPTION	Depth (ft)	Elevation	Sample No. & Type	N	Q_u (tsf)	Q_p (tsf)	Q_s (tsf)	W (%)	PID	NOTES
14"± Dark Brown Silty Clay, trace to little Sand, Organic Matter (Topsoil Fill) - Moist			1-SS	8	5.0	4.5+		15		
Brown and Dark Brown Silty Clay, little to some Sand and Gravel, trace Organic Matter (Fill) - Damp to Moist		660	2-SS	10	3.9	3.9		20		
	5		3-SS	10	2.0	2.1		18		
		655	4-SS	8		2.8		21		
	10		5-SS	8	1.9	3.2		20		
Black and Gray Silty Clay, trace Sand (Fill) - Moist		650	6-SS	7		1.3		29		
Dark Gray-Brown Silty fine to coarse Sand, little Gravel (Fill) - Moist	15		7-SS	9						
Gray Silty fine Sand - Moist		645	8-SS	9				14		
Brown Clayey Silt, little fine Sand - Moist	20		9-SS	8	1.2	1.5		16		
		640								
	25		10-SS	10	2.2	2.1		23		
Boring Terminated at about 26 feet (EL. 636.1')										

	Water Observation Data	Remarks:
▽	Water Encountered During Drilling: None	
▼	Water Level At End of Drilling: None	
	Cave Depth At End of Drilling: 19 ft.	
▼	Water Level After __ Hours: __ ft.	
	Cave Depth After __ Hours: __ ft.	

GILES LOG REPORT 1G1506001.GPJ GILES.GDT 8/6/15

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between test borings. Location of test boring is shown on the Boring Location Plan.



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

Friess Environmental Consulting, Inc.
Guide to Abbreviations
in Laboratory Data Tables

< = Less than the specified detection limit.
DO = Dissolved Oxygen
ES = Enforcement Standard
DRO = Diesel range organics
GRO = Gasoline range organics
iu = instrument units
MTBE = Methyl-tert butyl ether
mV = Millivolts
NA = Not analyzed for indicated parameter
NM = Not measured for indicated parameter
NR = No recovery at this interval.
NR 140 ES = Wisconsin Administrative Code NR 140 Groundwater Quality Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code NR 140 Groundwater Quality Preventive Action Limit
NR 720 Groundwater RCL = Wisconsin Administrative Code NR 720 Residual Contaminant Level for the protection of groundwater via the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890
NR 720 Non-Industrial DC RCL = Wisconsin Administrative Code NR 720 Non-Industrial Residual Contaminant Level for direct contact via the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890
Note: NR 720 values are calculated utilizing the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890.
NS = No NR 140 ES/PAL or NR 720 RCL standard has been established.
ORP = Oxidation-reduction potential
PAL = Preventive Action Limit
PID = Photoionization detector
ppb = parts per billion
ppm = parts per million
RCL = Residual contaminant level as established in WAC Chapter NR 720
TMBs = Trimethylbenzenes (combined 1,2,4- and 1,3,5-trimethylbenzene)
umhos = Micromhos

Table 1
Analytical Results - Soil Samples
VA Parking Structure (5000 W. National)
Milwaukee, Wisconsin

Sample Location	Sampling Date	Lead (ppm)	Acena-phthene (ppb)	Acena-phthylene (ppb)	Anthracene (ppb)	Benzo (a) anthra-cene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluor-anthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluor-anthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthra-cene (ppb)	Fluor-anthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naph-thalene (ppb)	2-Methyl Naph-thalene (ppb)	Naph-thalene (ppb)	Phen-anthrene (ppb)	Pyrene (ppb)
P-1 (0-2)	10/10/2016	<0.52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-1 (4-6)	10/10/2016	NA	65.0	42.0	300	1,010	*1,000*	*1,280*	550	460	*940*	139	2,160	49.0	53	<14	<11	<12	500	1,820
P-1 (6-8)	10/10/2016	NA	<13	288.0	360	1,400	*1,140*	*1,450*	430	520	*1,090*	154	2,340	86.0	490	<14	19.3J	41	600	1,960
P-1 (8-10)	10/10/2016	23.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-2 (0-2)	10/10/2016	5.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-2 (4-6)	10/10/2016	NA	410	<12	430	490	*490*	*690*	298	234	*490*	71.0	1,360	410	2856	19.7J	13.7J	12.2	1,170	1,030
P-2 (8-10)	10/10/2016	NA	118	177	440.0	1,530	1800.0	2,400	1,150	840.0	1680.0	**289**	3,050	172	1,060	54	51	66	1,480	2,630
P-3 (0-2)	10/10/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-3 (4-6)	10/10/2016	8.39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-3 (6-8)	10/10/2016	NA	14.8J	13J	14.7J	48	51	76	39	24.7J	48	<14.2	101	<13.5	32J	65	21.4J	137	45	86
P-3 (8-10)	10/10/2016	NA	<13.5	<12	<12.4	13.3J	<11.3	<13	<11.4	<11.7	<13.8	<14.2	14.2J	<13.5	<15	<14.3	<11.9	<12.2	18.7J	13.6J
P-4 (0-2)	10/10/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-4 (2-4)	10/10/2016	6.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-4 (8-10)	10/10/2016	NA	249	570	640	1,140	*1,□00*	*1,□10*	1,010	560	*1,090*	*229*	1,660	212.0	880	126	96	249	1,120	2,160
P-5 (0-2)	10/10/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-5 (4-6)	10/10/2016	8.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-5 (6-8)	10/10/2016	NA	106	28.4J	57	86	101	135	71	45	91	14.6J	197	59	59	59	18.7J	19.8J	148	193
P-5 (8-10)	10/10/2016	NA	<13.5	<12	<12.4	<11.6	<11.3	<13	<11.4	<11.7	<13.8	<14.2	<13.1	<13.5	<15	<14.3	<11.9	<12.2	<10.9	<12.6
NR □20 □r□□□d□□□r R□L		*2□*	*38,000	*700	196,744	*17,000	470	480	*6,800,000	*870,000	145	*38,000	88,818	14,815	*68,000	*23,000	*20,000	659	*1,800	54,473
NR □20 N□□-□d□□r□□□ R□L		*400*	*3,440,000*	*48□,000*	*1□,200,000*	*148*	*15*	*148*	*□1,800*	*1,480*	*14,800*	*15*	*2,290,000*	*2,290,000*	*148*	*15,600*	*229,000*	*5,150*	*115,000*	*1,□20,000*
NR □20 I□d□□r□□□ R□L		*800*	*33,000,000*	*48□,000*	*100,000,000*	*2,110*	*211*	*2,110*	*□39,000*	*21,100*	*211,000*	*211*	*22,000,000*	*22,000,000*	*2,110*	*53,100*	*368,000*	*26,000*	*115,000*	*16,500,000*

* indicates a suggested value.
Note: Concentrations that exceed their respective RCLs for the protection of groundwater are in □□□□ □□□□□□.
Note: Concentrations that exceed their respective non-industrial RCLs for direct contact within the top 4 feet are in **red bold**.
Note: "J" indicates estimated value above the level of detection but less than the level of quantification.

Table 1
Additional Analytical Results - Soil Samples
VA Parking Structure (5000 W. National)
Milwaukee, Wisconsin

Sample Location	Sampling Date	Acena-phthene (ppb)	Acena-phthylene (ppb)	Anthracene (ppb)	Benzo (a) anthra-cene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluor-anthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluor-anthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthra-cene (ppb)	Fluor-anthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naph-thalene (ppb)	2-Methyl Naph-thalene (ppb)	Naph-thalene (ppb)	Phen-anthrene (ppb)	Pyrene (ppb)
S-1 (4 ft)	12/14/2016	<13.5	<12	<12.4	12.1J	<11.3	<13	<11.4	<11.7	<13.8	<14.2	13.6J	<13.5	<15	<14.3	<11.9	<12.2	<10.1	13.6J
S-2 (4 ft)	12/14/2016	<13.5	<12	14.2J	19.1J	<11.3	17.1J	<11.4	<11.7	18.4J	<14.2	39J	<13.5	<15	<14.3	<11.9	<12.2	43	29.3J
S-3 (4 ft)	12/14/2016	<13.5	<12	<12.4	<11.6	<11.3	<13	<11.4	<11.7	<13.8	<14.2	13.4J	<13.5	<15	<14.3	<11.9	<12.2	<10.1	<12.6
S-4 (2 ft)	12/14/2016	<13.5	<12	<12.4	<11.6	<11.3	<13	<11.4	<11.7	<13.8	<14.2	13.4J	<13.5	<15	<14.3	<11.9	<12.2	<10.1	<12.6
S-5 (2 ft)	12/14/2016	<13.5	<12	<12.4	22.2J	21J	33J	19.6J	<11.7	25.1J	<14.2	25.8J	<13.5	15.2J	<14.3	<11.9	<12.2	12.2J	27.7J
S-6 (4 ft)	12/14/2016	<13.5	<12	<12.4	18.5J	14J	26.2J	14.2J	<11.7	<13.8	<14.2	34J	<13.5	<15	<14.3	<11.9	<12.2	14.6J	30.1J
S-7 (4 ft)	12/14/2016	<13.5	<12	29.1J	71	**65**	103	54	22.5J	81	<14.2	177	<13.5	40J	<14.3	<11.9	<12.2	81	138
S-8 (2 ft)	12/14/2016	21.7J	13J	58	119	**109**	164	96	56	129	15.7J	270	<13.5	73	<14.3	<11.9	<12.2	122	239
S-9 (2 ft)	12/14/2016	60	49	93	228	**219**	320	169	102	*249*	34J	440	29.6J	135	20.2J	17.9J	43	221	400
S-10 (2 ft)	12/14/2016	57	82	123	273	**294**	410	225	119	*311*	43J	510	25.9J	172	27.9	29.5J	43	190	520
S-11 (2 ft)	12/14/2016	70	33J	88	203	**203**	290	148	95	*21□*	31.2J	390	19J	117	<14.3	<11.9	28.9J	170	350
S-12 (2 ft)	12/14/2016	86	31.1J	590	690	*640*	840	480	274	*690*	88	1,560	84	38	<14.3	<11.9	16.9J	1,290	1,330
NR □20 □r□□□d□ □□□r R□L		*38,000*	*700*	196,744	*17,000*	470	480	*6,800,000*	*870,000*	145	*38,000*	88,818	14,815	*68,000*	*23,000*	*20,000*	659	*1,800*	54,473
NR □20 N□□-□d□□r□□□□ R□L		*3,440,000*	*48□,000*	*1□,200,000*	*148*	*15*	*148*	*□1,800*	*1,480*	*14,800*	*15*	*2,290,000*	*2,290,000*	*148*	*15,600*	*229,000*	*5,150*	*115,000*	*1,□20,000*
NR □20 I□d□□□r□□□□ R□L		*33,000,000*	*48□,000*	*100,000,000*	*2,110*	*211*	*2,110*	*□39,000*	*21,100*	*211,000*	*211*	*22,000,000*	*22,000,000*	*2,110*	*53,100*	*368,000*	*26,000*	*115,000*	*16,500,000*

* indicates a suggested value.
Note: Concentrations that exceed their respective RCLs for the protection of groundwater are in □□□ □□□□□.
Note: Concentrations that exceed their respective non-industrial RCLs for direct contact within the top 4 feet are in **red bold**.
Note: "J" indicates estimated value above the level of detection but less than the level of quantification.

Table 3
Analytical Results - Soil Leach Test
VA Parking Structure (5000 W. National)
Milwaukee, Wisconsin

Sample Location	Sampling Date	Lead (ppb)	Acena-phthene (ppb)	Acena-phthylene (ppb)	Anthracene (ppb)	Benzo (a) anthra-cene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluor-anthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluor-anthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthra-cene (ppb)	Fluor-anthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	Naph-thalene (ppb)	Phen-anthrene (ppb)	Pyrene (ppb)
P-1 (4-6)	10/10/2016	NA	<0.033	<0.0233	<0267	<0.0277	<0.0527	<0.0071	<0.0066	<0.085	<0.048	<0.0151	<0.055	0.030	<0.0246	0.042	<0.067	<0.0517
P-1 (8-10)	10/10/2016	<3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-3 (4-6)	10/10/2016	<3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-3 (6-8)	10/10/2016	NA	<0.033	<0.0233	<0267	<0.0277	<0.0527	<0.019	<0.0205	<0.085	<0.048	0.019J	<0.055	0.030	<0.0246	0.042	<0.067	<0.0517
NR 140 ES		*15*	*NS*	*NS*	*3,000*	*NS*	*0.2*	*0.2*	*NS*	*NS*	*0.2*	*NS*	*400*	*400*	*NS*	*100*	*NS*	*250*
NR 140 PAL		*1.5*	*NS*	*NS*	*600*	*NS*	*0.02*	*0.02*	*NS*	*NS*	*0.02*	*NS*	*80*	*80*	*NS*	*10*	*NS*	*50*

Notes:
1. Only the detected compounds are presented.
2. Concentrations in ***blue italics*** exceed their respective NR 140 preventive action limits (PALs).
3. Concentrations in **red bold** exceed their respective NR 140 enforcement standards (ESs).

Table 4
Analytical Results - Soil Samples
VA Parking Structure (5000 W. National)
Milwaukee, Wisconsin

Sample Location	Sampling Date	Lead (ppm)	Acena-phthene (ppb)	Acena-phthylene (ppb)	Anthracene (ppb)	Benzo (a) anthra-cene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluor-anthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluor-anthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthra-cene (ppb)	Fluor-anthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naph-thalene (ppb)	2-Methyl Naph-thalene (ppb)	Naph-thalene (ppb)	Phen-anthrene (ppb)	Pyrene (ppb)
GP-5 (4-6)	4/27/2015	78.0	<180	206J	500J	1,690	*1,430*	*2,140*	910	810	*1,450*	229J	3,800	<180	870	<180	<180	<180	1,900	2,550
P-1 (4-6)	10/10/2016	NA	65.0	42.0	300	1,010	*1,000*	*1,280*	550	460	*940*	139	2,160	49.0	53	<14	<11	<12	500	1,820
P-1 (4-6) Leach	10/10/2016	<0.0038	<0.033	<0.0233	<0267	<0.0277	<0.0527	<0.0071	<0.0066	<0.085	<0.048	<0.0151	<0.055	0.030	<0.0246	N	N	0.042	<0.067	<0.0517
GP-3 (2-8)	4/27/2015	32.0	<36	141.0	237	490	*500*	*640*	278	252	*410*	70J	1,190	70J	251	38J	44J	80J	670	910
P-3 (4-6)	10/10/2016	8.39	65.0	42.0	300	1,010	*1,000*	*1,280*	550	460	*940*	139	2,160	49.0	53	<14	<11	<12	500	1,820
P-3 (4-6) Leach	10/10/2016	<0.0038	<0.033	<0.0233	<0267	<0.0277	<0.0527	<0.019	<0.0205	<0.085	<0.048	0.019J	<0.055	0.030	<0.0246	NA	NA	<0.067	<0.067	<0.0517
NR □20 □r□□□d□ □□□r R□L		*2□*	*38,000	*700	196,744	*17,000	470	480	*6,800,000	*870,000	145	*38,000	88,818	14,815	*68,000	*23,000	*20,000	659	*1,800	54,473
NR □20 N□□-□d□□□r□□□□ R□L		*400*	*3,440,000*	*48□,000*	*1□,200,000*	*148*	*15*	*148*	*□1,800*	*1,480*	*14,800*	*15*	*2,290,000*	*2,290,000*	*148*	*15,600*	*229,000*	*5,150*	*115,000*	*1,□20,000*
NR □20 I□d□□□r□□□□ R□L		*800*	*33,000,000*	*48□,000*	*100,000,000*	*2,110*	*211*	*2,110*	*□39,000*	*21,100*	*211,000*	*211*	*22,000,000*	*22,000,000*	*2,110*	*53,100*	*368,000*	*26,000*	*115,000*	*16,500,000*
NR 140 ES		*0.015*	*NS*	*NS*	*3,000*	*NS*	*0.2*	*0.2*	*NS*	*NS*	*0.2*	*NS*	*400*	*400*	*NS*	*NS*	*NS*	*100*	*NS*	*250*
NR 140 PAL		*0.0015*	*NS*	*NS*	*600*	*NS*	*0.02*	*0.02*	*NS*	*NS*	*0.02*	*NS*	*80*	*80*	*NS*	*NS*	*NS*	*10*	*NS*	*50*

* indicates a suggested value.
Note: Concentrations that exceed their respective RCLs for the protection of groundwater are in □□□□ □□□□□□.
Note: Concentrations that exceed their respective non-industrial RCLs for direct contact within the top 4 feet are in **red bold**.
Note: "J" indicates estimated value above the level of detection but less than the level of quantification.
Note: Concentrations in ***green italics*** exceed their respective NR 140 preventive action limits (PALs).
Note: Concentrations in **orange bold** exceed their respective NR 140 enforcement standards (ESs).

Note: NR 720 values are calculated utilizing the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890.

Table 2
Analytical Results - Soil Samples
VA Parking Structure (5000 W. National)
Milwaukee, Wisconsin

Sample Location	Sampling Date	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Combined TMBs (ppb)	Total Xylenes (ppb)
GP-5 (4-6)	4/27/2015	<25	<25	<25	<25	25.4J	<50	<50
GP-3 (2-8)	4/27/2015	*48.00*	33J	<25	80J	26.8J	41	42J
P-3 (0-2)	10/10/2016	<25	<25	<25	<25	<25	<50	<75
P-4 (0-2)	10/10/2016	<25	<25	<25	<25	<25	<50	<75
P-5 (0-2)	10/10/2016	<25	<25	<25	<25	<25	<50	<75
P-3 (0-2) Leach	10/10/2016	0.25	<0.4	<0.84	<0.737	0.32	2.50	1.30
S-4 (2 ft)	12/14/2016	<25	<25	<25	<25	<25	<50	<75
NR □20 □r□□□d□ □□□r R□L		*5.1*	*1,5□0*	*2□*	*659*	*1,10□*	*1,382*	*3,940*
NR □20 N□□-□□d□□□r□□□□□ R□L		*1,490*	*□,4□0*	*59,400*	*5,150*	*818,000*	*90K□182K*	*258,000*
NR □20 I□d□□□r□□□□□ R□L		*□,410*	*3□,000*	*293,000*	*26,000*	*818,000*	*219K□182K*	*258,000*
NR 140 ES		*5*	*□00*	*60*	*100*	*1,000*	*480*	*10,000*
NR 140 PAL		*0.5*	*140*	*12*	*10*	*200*	*96*	*1,000*

* indicates a suggested value.

Note: Concentrations that exceed their respective RCLs for the protection of groundwater are in □□□□ □□□□□□□.

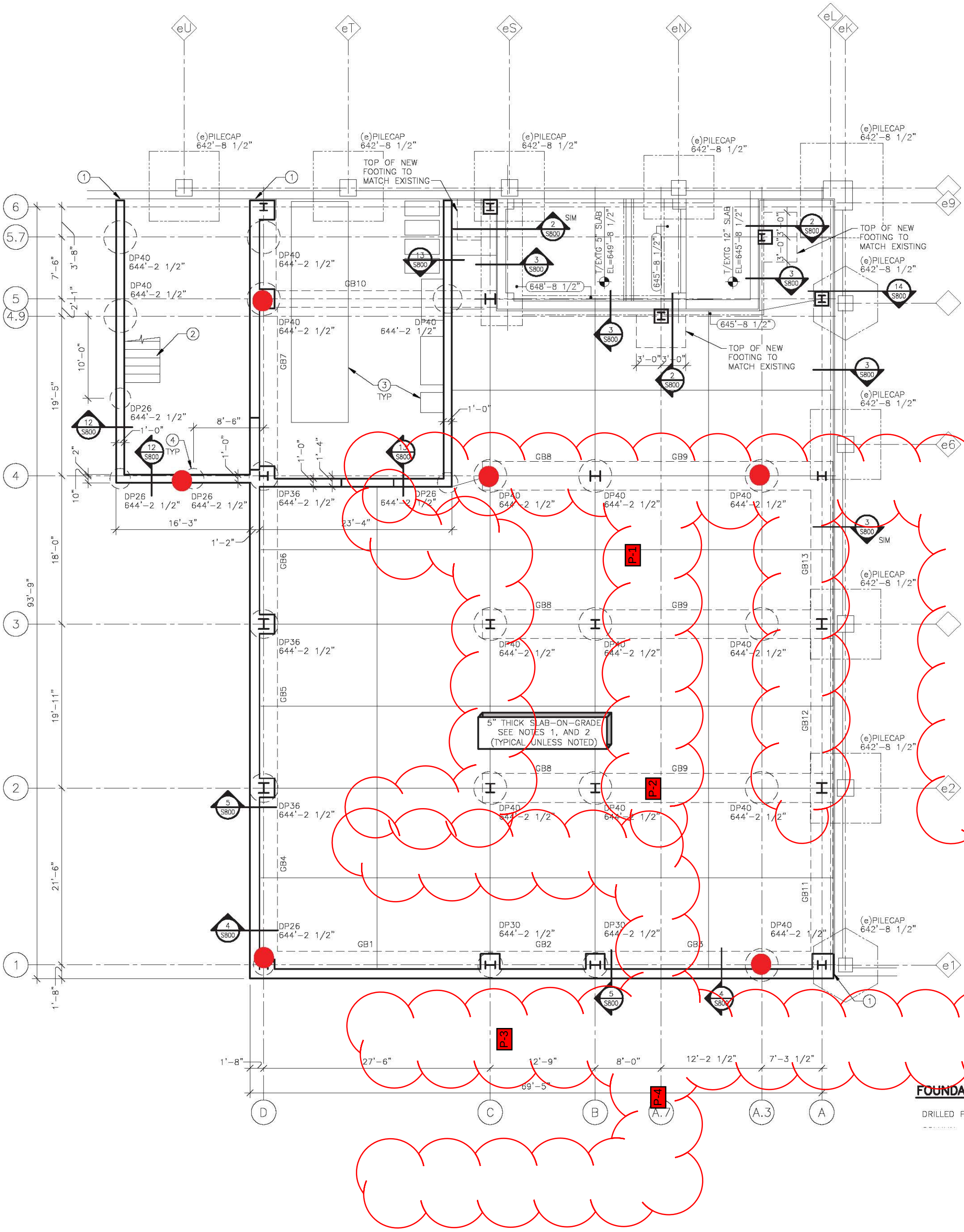
Note: Concentrations that exceed their respective non-industrial RCLs for direct contact within the top 4 feet are in **red bold**.

Note: "J" indicates estimated value above the level of detection but less than the level of quantification.

Note: Concentrations in ***green italics*** exceed their respective NR 140 preventive action limits (PALs).

Note: Concentrations in **orange bold** exceed their respective NR 140 enforcement standards (ESs).

Note: NR 720 values are calculated utilizing the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-8


eU
eT
eS
eN
eL
eK
e9
e6
e2
e1
(e)PILECAP
642'-8 1/2"
TOP OF NEW
FOOTING TO
MATCH EXISTING
SIM
T/EXTG 5" SLAB
EL=649'-8 1/2"
T/EXTG 12" SLAB
EL=645'-8 1/2"
648'-8 1/2"
645'-8 1/2"
3'-0"
3'-0"
DP40
644'-2 1/2"
DP26
644'-2 1/2"
DP36
644'-2 1/2"
DP30
644'-2 1/2"
GB10
GB7
GB8
GB9
GB6
GB13
GB5
GB12
GB4
GB11
GB1
GB2
GB3
TYP
8'-6"
1'-0"
1'-4"
2"
10"
16'-3"
23'-4"
1'-2"
5" THICK SLAB-ON-GRADE
SEE NOTES 1, AND 2
(TYPICAL UNLESS NOTED)
P-1
P-2
P-3
P-4
7'-6"
3'-8"
2'-1"
10'-0"
19'-5"
18'-0"
93'-9"
19'-11"
21'-6"
1'-8"
27'-6"
12'-9"
8'-0"
12'-2 1/2"
7'-3 1/2"
69'-5"
D
C
B
A.7
A.3
A
FOUNDA
DRILLED F

Friess Environmental Consulting, Inc.
Guide to Abbreviations
in Laboratory Data Tables

< = Less than the specified detection limit.
DO = Dissolved Oxygen
ES = Enforcement Standard
DRO = Diesel range organics
GRO = Gasoline range organics
iu = instrument units
MTBE = Methyl-tert butyl ether
mV = Millivolts
NA = Not analyzed for indicated parameter
NM = Not measured for indicated parameter
NR = No recovery at this interval.
NR 140 ES = Wisconsin Administrative Code NR 140 Groundwater Quality Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code NR 140 Groundwater Quality Preventive Action Limit
NR 720 Groundwater RCL = Wisconsin Administrative Code NR 720 Residual Contaminant Level for the protection of groundwater via the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890
NR 720 Non-Industrial DC RCL = Wisconsin Administrative Code NR 720 Non-Industrial Residual Contaminant Level for direct contact via the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890
Note: NR 720 values are calculated utilizing the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890.
NS = No NR 140 ES/PAL or NR 720 RCL standard has been established.
ORP = Oxidation-reduction potential
PAL = Preventive Action Limit
PID = Photoionization detector
ppb = parts per billion
ppm = parts per million
RCL = Residual contaminant level as established in WAC Chapter NR 720
TMBs = Trimethylbenzenes (combined 1,2,4- and 1,3,5-trimethylbenzene)
umhos = Micromhos

Table 1
Analytical Results - Soil Samples
VA Urgent Care (5000 W. National)
Milwaukee, Wisconsin

Sample Location	Sampling Date	Lead (ppm)	Acena-phthene (ppb)	Acena-phthylene (ppb)	Anthracene (ppb)	Benzo (a) anthra-cene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluor-anthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluor-anthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthra-cene (ppb)	Fluor-anthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naph-thalene (ppb)	2-Methyl Naph-thalene (ppb)	Naph-thalene (ppb)	Phen-anthrene (ppb)	Pyrene (ppb)
P-1 (0-2)	5/3/2017	13.5	<15.1	<15.9	18.9 J	95.0	114	171	87.0	51.0	103	19.3 J	219	<17.9	81.0	<20.3	<11.3	<15.3	52.0	187
P-1 (2-4)	5/3/2017	NA	<15.1	<15.9	19.5 J	67.0	94.0	129	63.0	45.0 J	77.0	14.4 J	132	<17.9	60.0	<20.3	<11.3	<15.3	49.0	125
P-1 (6-8)	5/3/2017	NA	<15.1	<15.9	27.7 J	132	155	220	117	65.0	*148*	26.9	253	<17.9	107	<20.3	<11.3	<15.3	74.0	233
P-2 (0-2)	5/3/2017	14.9	<15.1	<15.9	36.0	98.0	108	155	74.0	52.0	111	18.4 J	231	<17.9	68.0	<20.3	<11.3	<15.3	116	189
P-2 (2-4)	5/3/2017	11.7	92.0	<15.9	262	340	310	420	192	146	*360*	51.0	810	151	187	<20.3	19.0 J	<15.3	730	640
P-3 (0-2)	5/3/2017	13.8	<15.1	<15.9	11.6 J	63.0	82.0	118	67.0	39.0 J	70.0	14.3 J	126	<17.9	59.0	<20.3	<11.3	<15.3	33.0 J	114
P-3 (2-4)	5/3/2017	10.1	<15.1	<15.9	<10.9	15.4 J	17.4 J	22.2 J	24.0 J	<14.7	12.9 J	<7.80	19.1 J	<17.9	13.3 J	<20.3	<11.3	<15.3	<11.1	19.6 J
P-3 (6-8)	5/3/2017	NA	<15.1	<15.9	18.7 J	67.0	80.0	121	61.0	37.0 J	73.0	13.0 J	129	<17.9	57.0	<20.3	<11.3	<15.3	59.0	113
P-4 (0-2)	5/3/2017	*29.5*	<15.1	<15.9	73.0	291	380	*550*	300	163	350	64.0	600	19.3 J	270	<20.3	<11.3	<15.3	211	520
P-4 (2-4)	5/3/2017	NA	<15.1	<15.9	<10.9	15.9 J	18.5 J	23.1 J	25.6 J	<14.7	13.1 J	<7.80	17.0 J	<17.9	13.4 J	<20.3	<11.3	<15.3	<11.1	20.0 J
P-5 (0-2)	5/3/2017	20.4	120	51.0	320	600	*490*	*□30*	297	259	*□50*	78.0	2,010	144	298	<20.3	15.0 J	<15.3	1,650	1,690
P-5 (2-4)	5/3/2017	NA	195	79.0	590	990	*1,080*	*1,500*	720	500	*1,230*	180	2,510	350	680	80.0	99.0	169	*1,8□0*	2,120
P-5 (4-6)	5/3/2017	NA	277	155	710	920	*1,040*	*1,440*	660	480	*1,130*	165	2,470	510	640	165	240	*6□0*	*2,400*	2,040
P-6 (0-2)	5/3/2017	NA	36.0 J	21.9 J	118	340	410	*580*	264	195	*400*	67.0	750	42.0 J	260	<20.3	<11.3	<15.3	380	630
P-6 (2-4)	5/3/2017	21.0	<15.1	<15.9	21.5 J	68.0	80.0	118	53.0	40.0 J	77.0	12.6 J	151	<17.9	51.0	<20.3	<11.3	<15.3	67.0	127
P-6 (6-8)	5/3/2017	NA	<15.1	<15.9	11.1 J	46.0	50.0	80.0	34.0 J	26.6 J	52.0	7.90 J	99.0	<17.9	33.0 J	<20.3	<11.3	<15.3	42.0	83.0
NR □20 □r□□□d□□□r R□L		*2□*	*38,000	*700	196,744	*17,000	470	480	*6,800,000	*870,000	145	*38,000	88,818	14,815	*68,000	*23,000	*20,000	659	*1,800	54,473
NR □20 N□□-□d□□□r□□□□ R□L		*400*	*3,590,000*	*NS*	*1□,900,000*	*1,140*	*115*	*1,150*	*NS*	*11,500*	*115,000*	*115*	*2,390,000*	*2,390,000*	*1,150*	*1□,600*	*239,000*	*5,520*	*NS*	*1,□90,000*
NR □20 I□d□□□r□□□□ R□L		*800*	*45,200,000*	*NS*	*100,000,000*	*20,800*	*2,110*	*21,100*	*NS*	*211,000*	*2,110,000*	*2,110*	*30,100,000*	*30,100,000*	*21,100*	*□2,□00*	*3,010,000*	*24,100*	*NS*	*22,600,000*

* indicates a suggested value.
Note: Concentrations that exceed their respective RCLs for the protection of groundwater are in □□□□ □□□□□□.
Note: Concentrations that exceed their respective non-industrial RCLs for direct contact are underlined.

Table 3
Analytical Results - Soil Leach Test
VA Urgent Care (5000 W. National)
Milwaukee, Wisconsin

Sample Location	Sampling Date	Lead (ppb)	Acena-phthene (ppb)	Acena-phthylene (ppb)	Anthracene (ppb)	Benzo (a) anthra-cene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluor-anthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluor-anthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthra-cene (ppb)	Fluor-anthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	Naph-thalene (ppb)	Phen-anthrene (ppb)	Pyrene (ppb)
P-5 (2-6)	5/3/2017	NA	<0.033	<0.0233	<0267	<0.0277	<0.0527	<0.0071	<0.0066	<0.085	<0.048	<0.0151	<0.055	0.030	<0.0246	0.042	<0.067	<0.0517
NR 140 ES		*15*	*NS*	*NS*	*3,000*	*NS*	*0.2*	*0.2*	*NS*	*NS*	*0.2*	*NS*	*400*	*400*	*NS*	*100*	*NS*	*250*
NR 140 PAL		*1.5*	*NS*	*NS*	*600*	*NS*	*0.02*	*0.02*	*NS*	*NS*	*0.02*	*NS*	*80*	*80*	*NS*	*10*	*NS*	*50*

Notes:
1. Only the detected compounds are presented.
2. Concentrations in ***blue italics*** exceed their respective NR 140 preventive action limits (PALs).
3. Concentrations in **red bold** exceed their respective NR 140 enforcement standards (ESs).

Table 4
Analytical Results - Soil Samples
VA Urgent Care (5000 W. National)
Milwaukee, Wisconsin

Sample Location	Sampling Date	Lead (ppm)	Acena-phthene (ppb)	Acena-phthylene (ppb)	Anthracene (ppb)	Benzo (a) anthra-cene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluor-anthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluor-anthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthra-cene (ppb)	Fluor-anthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naph-thalene (ppb)	2-Methyl Naph-thalene (ppb)	Naph-thalene (ppb)	Phen-anthrene (ppb)	Pyrene (ppb)
P-5 (2-4)	5/3/2017	NA	195	79.0	590	990	*1,080*	*1,500*	720	500	*1,230*	180	2,510	350	680	80.0	99.0	169	*1,8□0*	2,120
P-5 (4-6)	5/3/2017	NA	277	155	710	920	*1,040*	*1,440*	660	480	*1,130*	165	2,470	510	640	165	240	*6□0*	*2,400*	2,040
P-5 (2-6) Leach	5/3/2017	<0.0038	<0.033	<0.0233	<0267	<0.0277	<0.0527	<0.0071	<0.0066	<0.085	<0.048	<0.0151	<0.055	0.030	<0.0246	N	N	0.042	<0.067	<0.0517
NR □20 □r□□□d□□□r R□L		*2□*	*38,000	*700	196,744	*17,000	470	480	*6,800,000	*870,000	145	*38,000	88,818	14,815	*68,000	*23,000	*20,000	659	*1,800	54,473
NR □20 N□□-□d□□r□□□□ R□L		*400*	*3,590,000*	*NS*	*1□,900,000*	*1,140*	*115*	*1,150*	*NS*	*11,500*	*115,000*	*115*	*2,390,000*	*2,390,000*	*1,150*	*1□,600*	*239,000*	*5,520*	*NS*	*1,□90,000*
NR □20 I□d□□r□□□□ R□L		*800*	*45,200,000*	*NS*	*100,000,000*	*20,800*	*2,110*	*21,100*	*NS*	*211,000*	*2,110,000*	*2,110*	*30,100,000*	*30,100,000*	*21,100*	*□2,□00*	*3,010,000*	*24,100*	*NS*	*22,600,000*
NR 140 ES		*0.015*	*NS*	*NS*	*3,000*	*NS*	*0.2*	*0.2*	*NS*	*NS*	*0.2*	*NS*	*400*	*400*	*NS*	*NS*	*NS*	*100*	*NS*	*250*
NR 140 PAL		*0.0015*	*NS*	*NS*	*600*	*NS*	*0.02*	*0.02*	*NS*	*NS*	*0.02*	*NS*	*80*	*80*	*NS*	*NS*	*NS*	*10*	*NS*	*50*

* indicates a suggested value.
Note: Concentrations that exceed their respective RCLs for the protection of groundwater are in □□□□ □□□□□□.
Note: Concentrations that exceed their respective non-industrial RCLs for direct contact are underlined.
Note: Concentrations that exceed their respective industrial RCLs for direct contact are in [brackets].
Note: Concentrations in ***green italics*** exceed their respective NR 140 preventive action limits (PALs).
Note: Concentrations in **orange bold** exceed their respective NR 140 enforcement standards (ESs).

Note: NR 720 values are calculated utilizing the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890.

Table 2
Analytical Results - Soil Samples
VA Urgent Care (5000 W. National)
Milwaukee, Wisconsin

Sample Location	Sampling Date	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Toluene (ppb)	Combined TMBs (ppb)	Total Xylenes (ppb)
P-2 (2-4)	5/3/2017	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0
P-3 (2-4)	5/3/2017	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0
P-6 (2-4)	5/3/2017	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0
NR □20 □r□□□d□ □□□r R□L		*5.1*	*1,5□0*	*2□*	*1,10□*	*1,382*	*3,940*
NR □20 N□□-□d□□r□□□□ R□L		*1,600*	*8,020*	*63,800*	*818,000*	*219K□182K*	*260,000*
NR □20 I□d□□r□□□□ R□L		*□,0□0*	*35,400*	*282,000*	*818,000*	*219K□182K*	*260,000*

Note: Concentrations that exceed their respective RCLs for the protection of groundwater are in □□□□ □□□□□□□.
Note: Concentrations that exceed their respective non-industrial RCLs for direct contact are underlined.
Note: Concentrations that exceed their respective industrial RCLs for direct contact are in [brackets].
Note: "J" indicates estimated value above the level of detection but less than the level of quantification.

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Report Date *15-May-17*

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869A
Sample ID P-1 0-2
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.0	%			1	5021		5/5/2017	NJC	1
Inorganic										
Metals										
Lead, Total	13.5	mg/Kg	0.17	0.58	1	6010B		5/10/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/8/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/8/2017	NJC	1
Anthracene	0.0189 "J"	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/8/2017	NJC	1
Benzo(a)anthracene	0.095	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/8/2017	NJC	1
Benzo(a)pyrene	0.114	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/8/2017	NJC	1
Benzo(b)fluoranthene	0.171	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/8/2017	NJC	1
Benzo(g,h,i)perylene	0.087	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/8/2017	NJC	1
Benzo(k)fluoranthene	0.051	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/8/2017	NJC	1
Chrysene	0.103	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/8/2017	NJC	1
Dibenzo(a,h)anthracene	0.0195 "J"	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/8/2017	NJC	1
Fluoranthene	0.219	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/8/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/8/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.081	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/8/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/8/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/8/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/8/2017	NJC	1
Phenanthrene	0.052	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/8/2017	NJC	1
Pyrene	0.187	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/8/2017	NJC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869B
Sample ID P-1 2-4
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.0	%			1	5021		5/5/2017	NJC	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.0195 "J"	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.067	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.094	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.129	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.063	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.045 "J"	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.077	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.0144 "J"	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	0.132	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.06	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	0.049	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	0.125	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869C
Sample ID P-1 6-8
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.0	%			1	5021		5/5/2017	NJC	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.0277 "J"	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.132	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.155	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.22	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.117	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.065	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.148	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.0269	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	0.253	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	2 75
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.107	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	0.074	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	0.233	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869D
Sample ID P-2 0-2
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.4	%			1	5021		5/5/2017	NJC	1
Inorganic										
Metals										
Lead, Total	14.9	mg/Kg	0.17	0.58	1	6010B		5/10/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.036	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.098	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.106	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.155	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.074	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.052	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.111	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.0184 "J"	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	0.231	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.068	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	0.116	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	0.189	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869E
Sample ID P-2 2-4
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.7	%			1	5021		5/5/2017	NJC	1
Inorganic										
Metals										
Lead, Total	11.7	mg/Kg	0.17	0.58	1	6010B		5/10/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	0.092	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.262	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.34	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.31	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.42	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.192	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.146	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.36	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.051	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	0.81	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	0.151	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.187	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	0.019 "J"	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	0.73	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	0.64	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1
PVOC										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		5/12/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		5/12/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		5/12/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		5/12/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		5/12/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		5/12/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		5/12/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		5/12/2017	TCC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869F
Sample ID P-3 0-2
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.6	%			1	5021		5/5/2017	NJC	1
Inorganic										
Metals										
Lead, Total	13.8	mg/Kg	0.17	0.58	1	6010B		5/10/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.0116 "J"	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.063	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.082	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.118	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.067	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.039 "J"	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.07	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.0143 "J"	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	0.126	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.059	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	0.033 "J"	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	0.114	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869G
Sample ID P-3 2-4
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.8	%			1	5021		5/5/2017	NJC	1
Inorganic										
Metals										
Lead, Total	10.1	mg/Kg	0.17	0.58	1	6010B		5/10/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	< 0.0109	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.0154 "J"	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.0174 "J"	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.0222 "J"	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.024 "J"	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.0129 "J"	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.0078	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	0.0191 "J"	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.0133 "J"	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	< 0.0111	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	0.0196 "J"	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1
PVOC										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		5/12/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		5/12/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		5/12/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		5/12/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		5/12/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		5/12/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		5/12/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		5/12/2017	TCC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869H
Sample ID P-3 6-8
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.7	%			1	5021		5/5/2017	NJC	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.0187 "J"	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.067	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.08	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.121	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.061	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.037 "J"	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.073	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.013 "J"	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	0.129	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.057	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	0.059	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	0.113	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869I
Sample ID P-4 0-2
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.0	%			1	5021		5/5/2017	NJC	1
Inorganic										
Metals										
Lead, Total	29.5	mg/Kg	0.17	0.58	1	6010B		5/10/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.073	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.291	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.38	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.55	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.30	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.163	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.35	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.064	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	0.60	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	0.0193 "J"	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.27	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	0.211	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	0.52	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869J
Sample ID P-4 2-4
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.7	%			1	5021		5/5/2017	NJC	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	< 0.0109	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.0159 "J"	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.0185 "J"	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.0231 "J"	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.0256 "J"	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	< 0.0147	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.0131 "J"	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.0078	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	0.017 "J"	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.0134 "J"	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	< 0.0111	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	0.02 "J"	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869K
Sample ID P-5 0-2
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.5	%			1	5021		5/5/2017	NJC	1
Inorganic										
Metals										
Lead, Total	20.4	mg/Kg	0.17	0.58	1	6010B		5/10/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	0.12	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	0.051	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.32	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.60	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.49	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.73	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.297	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.259	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.75	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.078	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	2.01	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	0.144	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.298	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	0.015 "J"	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	1.65	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	1.69	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869L
Sample ID P-5 2-4
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.4	%			1	5021		5/5/2017	NJC	1
Organic										
PAH SIM										
Acenaphthene	0.195	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	0.079	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.59	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.99	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	1.08	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	1.50	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.72	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.50	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	1.23	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.18	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	2.51	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	0.35	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.68	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	0.08	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	0.099	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	0.169	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	1.87	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	2.12	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869M
Sample ID P-5 4-6
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.6	%			1	5021		5/5/2017	NJC	1
Organic										
PAH SIM										
Acenaphthene	0.277	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	0.155	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.71	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.92	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	1.04	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	1.44	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.66	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.48	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	1.13	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.165	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	2.47	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	0.51	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.64	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	0.165	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	0.24	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	0.67	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	2.40	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	2.04	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869N
Sample ID P-6 0-2
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	73.2	%			1	5021		5/5/2017	NJC	1
Organic										
PAH SIM										
Acenaphthene	0.036 "J"	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	0.0219 "J"	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.118	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.34	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.41	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.58	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.264	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.195	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.40	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.067	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	0.75	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	0.042 "J"	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.26	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	0.38	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	0.63	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869O
Sample ID P-6 2-4
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.9	%			1	5021		5/5/2017	NJC	1
Inorganic										
Metals										
Lead, Total	21.0	mg/Kg	0.17	0.58	1	6010B		5/10/2017	CWT	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.0215 "J"	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.068	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.08	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.118	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.053	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.04 "J"	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.077	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.0126 "J"	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	0.151	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.051	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	0.067	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	0.127	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1
PVOC										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		5/12/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		5/12/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		5/12/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		5/12/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		5/12/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		5/12/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		5/12/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		5/12/2017	TCC	1

Project Name VA URGENT CARE **Invoice #** E32869
Project # 170402

Lab Code 5032869P
Sample ID P-6 6-8
Sample Matrix Soil
Sample Date 5/3/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.2	%			1	5021		5/5/2017	NJC	1
Organic										
PAH SIM										
Acenaphthene	< 0.0151	mg/kg	0.0151	0.0481	1	M8270C	5/8/2017	5/9/2017	NJC	1
Acenaphthylene	< 0.0159	mg/kg	0.0159	0.0508	1	M8270C	5/8/2017	5/9/2017	NJC	1
Anthracene	0.0111 "J"	mg/kg	0.0109	0.0345	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)anthracene	0.046	mg/kg	0.0116	0.037	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(a)pyrene	0.05	mg/kg	0.0113	0.0359	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(b)fluoranthene	0.08	mg/kg	0.013	0.041	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(g,h,i)perylene	0.034 "J"	mg/kg	0.0114	0.036	1	M8270C	5/8/2017	5/9/2017	NJC	1
Benzo(k)fluoranthene	0.0266 "J"	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Chrysene	0.052	mg/kg	0.0121	0.0383	1	M8270C	5/8/2017	5/9/2017	NJC	1
Dibenzo(a,h)anthracene	0.0079 "J"	mg/kg	0.0078	0.0251	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluoranthene	0.099	mg/kg	0.0147	0.0469	1	M8270C	5/8/2017	5/9/2017	NJC	1
Fluorene	< 0.0179	mg/kg	0.0179	0.057	1	M8270C	5/8/2017	5/9/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.033 "J"	mg/kg	0.0114	0.0362	1	M8270C	5/8/2017	5/9/2017	NJC	1
1-Methyl naphthalene	< 0.0203	mg/kg	0.0203	0.0645	1	M8270C	5/8/2017	5/9/2017	NJC	1
2-Methyl naphthalene	< 0.0113	mg/kg	0.0113	0.0358	1	M8270C	5/8/2017	5/9/2017	NJC	1
Naphthalene	< 0.0153	mg/kg	0.0153	0.0486	1	M8270C	5/8/2017	5/9/2017	NJC	1
Phenanthrene	0.042	mg/kg	0.0111	0.0352	1	M8270C	5/8/2017	5/9/2017	NJC	1
Pyrene	0.083	mg/kg	0.0153	0.0487	1	M8270C	5/8/2017	5/9/2017	NJC	1

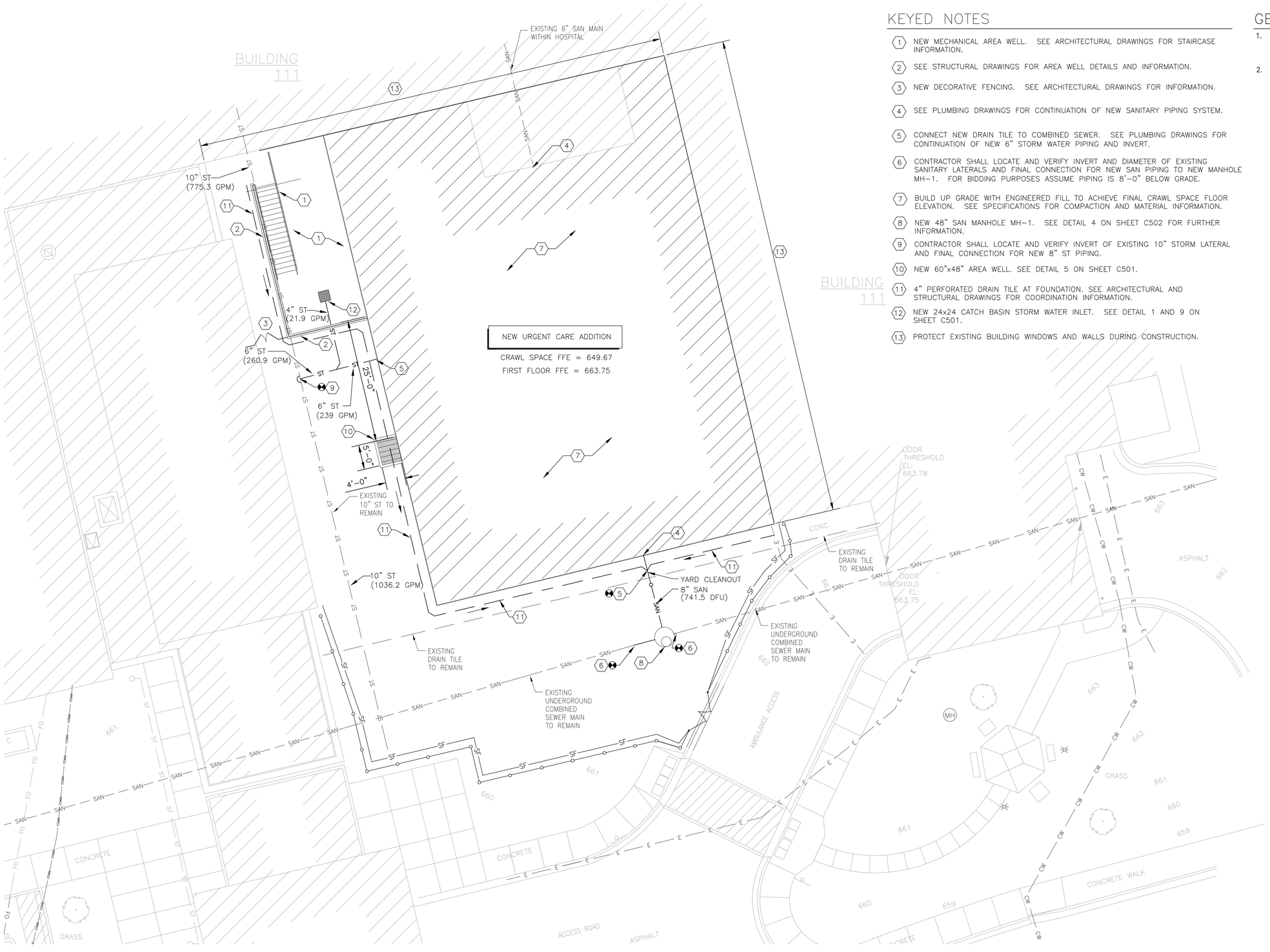
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
2	Relative percent difference failed for laboratory spiked samples.
75	RPD failed due to matrix interference.

CWT denotes sub contract lab - Certification #445126660

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



KEYED NOTES

1. NEW MECHANICAL AREA WELL. SEE ARCHITECTURAL DRAWINGS FOR STAIRCASE INFORMATION.
2. SEE STRUCTURAL DRAWINGS FOR AREA WELL DETAILS AND INFORMATION.
3. NEW DECORATIVE FENCING. SEE ARCHITECTURAL DRAWINGS FOR INFORMATION.
4. SEE PLUMBING DRAWINGS FOR CONTINUATION OF NEW SANITARY PIPING SYSTEM.
5. CONNECT NEW DRAIN TILE TO COMBINED SEWER. SEE PLUMBING DRAWINGS FOR CONTINUATION OF NEW 6" STORM WATER PIPING AND INVERT.
6. CONTRACTOR SHALL LOCATE AND VERIFY INVERT AND DIAMETER OF EXISTING SANITARY LATERALS AND FINAL CONNECTION FOR NEW SAN PIPING TO NEW MANHOLE MH-1. FOR BIDDING PURPOSES ASSUME PIPING IS 8'-0" BELOW GRADE.
7. BUILD UP GRADE WITH ENGINEERED FILL TO ACHIEVE FINAL CRAWL SPACE FLOOR ELEVATION. SEE SPECIFICATIONS FOR COMPACTION AND MATERIAL INFORMATION.
8. NEW 48" SAN MANHOLE MH-1. SEE DETAIL 4 ON SHEET C502 FOR FURTHER INFORMATION.
9. CONTRACTOR SHALL LOCATE AND VERIFY INVERT OF EXISTING 10" STORM LATERAL AND FINAL CONNECTION FOR NEW 8" ST PIPING.
10. NEW 60"x48" AREA WELL. SEE DETAIL 5 ON SHEET C501.
11. 4" PERFORATED DRAIN TILE AT FOUNDATION. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR COORDINATION INFORMATION.
12. NEW 24x24 CATCH BASIN STORM WATER INLET. SEE DETAIL 1 AND 9 ON SHEET C501.
13. PROTECT EXISTING BUILDING WINDOWS AND WALLS DURING CONSTRUCTION.

GENERAL NOTES

1. MAINTAIN ACCOUNTABILITY FOR ALL TOOLS ON JOBSITE. TOOLS SHALL REMAIN IN CONTRACTOR'S POSSESSION OR WITHIN SECURED CONTAINER AT ALL TIMES DUE TO THE ENVIRONMENT OF THE JOB SITE.
2. CONTRACTOR SHALL REFERENCE PHASING PLANS FOR COORDINATION OF CONSTRUCTION.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
TELEFAX 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WISCONSIN STATUTE 182.0175 (1974) REQUIRES MINIMUM OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

N

SCALE IN FEET
4 0 4 8

1 SITE PLAN
1/8" = 1'-0"

FULLY SPRINKLERED

BID DOCUMENTS

Revisions:	Date

Department of Veterans Affairs
Medical Center
5000 W. National Avenue
Milwaukee, WI

KEY PLAN:
EXISTING BLDG. 111
URGENT CARE ADDITION

CONSULTANTS:
PCG Diamond Field Services
R.A. Smith National
THE SIGMA GROUP Single Source. Sound Solutions.
Lerdahl

PROJECT LEADER:
Chequamegon Bay Group, Inc.
309 N. WATER ST.
SUITE 650
MILWAUKEE, WI 53202
PHONE: (414) 258-6004

Drawing Title	SITE PLAN
Approved: Project Director	
Project Title	111 EXPAND URGENT CARE
Location:	VA Medical Center, Milwaukee, WI
Date	January 28th, 2016
Checked By:	HFB
Drawn By:	ELO
Project Number	695-402
Building Number	111
Drawing Number	CS100

Office of Facilities Management
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

V:\2 - CBG Projects\2014\14-R042_Zab111Expand\UrgentCare\Drawings\Civil\CS100 Site Plan.dwg 1-29-16 10:28:33 AM kkozak

Grittner, Paul V - DNR

From: Rick Frieseke <rfrieseke@fecinc.us>
Sent: Friday, June 16, 2017 10:38 AM
To: Grittner, Paul V - DNR; Ken Wasemiller
Subject: Fwd: RE: DNR Response to Questions Urgent Care
Attachments: Urgent Care Map showing Location.pdf; Project Contacts.pdf

Paul

Thank you for your quick response.

attached is the revised contact page and the map of the area of the project.

Approximately 200 cubic yards will be reused as backfill adjacent to the exterior foundation walls within the footprint of the original excavation.
Soils will not be relocated to a different area of the site.

As you are aware, the receiving site has been approved to receive these types of soils on numerous projects.

Please let us know if there are additional questions or comments.

Rick

-------- Forwarded Message --------
Subject:RE: DNR Response to Questions Urgent Care
Date: Thu, 15 Jun 2017 20:21:53 +0000
From: Ken Wasemiller <ken@pcsgov.com>
To: Rick Frieseke <rfrieseke@fecinc.us>

It's attached, do you see it?

Ken Wasemiller | PCS
main 608.563.1361 | cell 608.295.8841

-----Original Message-----
From: Rick Frieseke [mailto:rfrieseke@fecinc.us]
Sent: Thursday, June 15, 2017 3:20 PM
To: Ken Wasemiller <ken@pcsgov.com>
Subject: Re: DNR Response to Questions Urgent Care

can you send as a pdf.

It is coming over as a winmail.dat

On 6/15/2017 3:16 PM, Ken Wasemiller wrote:
> Can you see this it now, below and attached? Thanks
>
> Provide the email address for the contact person for the responsible party (who I presume is Jim Beier).
> Jim Beier is the Project Manager from the VA. Casey Schimek is the GEMS Coordinator, she's also in charge of the Soil Tracking, Disposal etc.
>
> Jim Beier, PE
> General Engineer
> Facilities Management Division
> Clement J. Zablocki VAMC
> 5000 West National Ave
> Milwaukee, WI 53295
> James.Beier@va.gov<mailto:James.Beier@va.gov>
> Ofc: 414.384.2000 x47297
> Cell: 414-484-7331

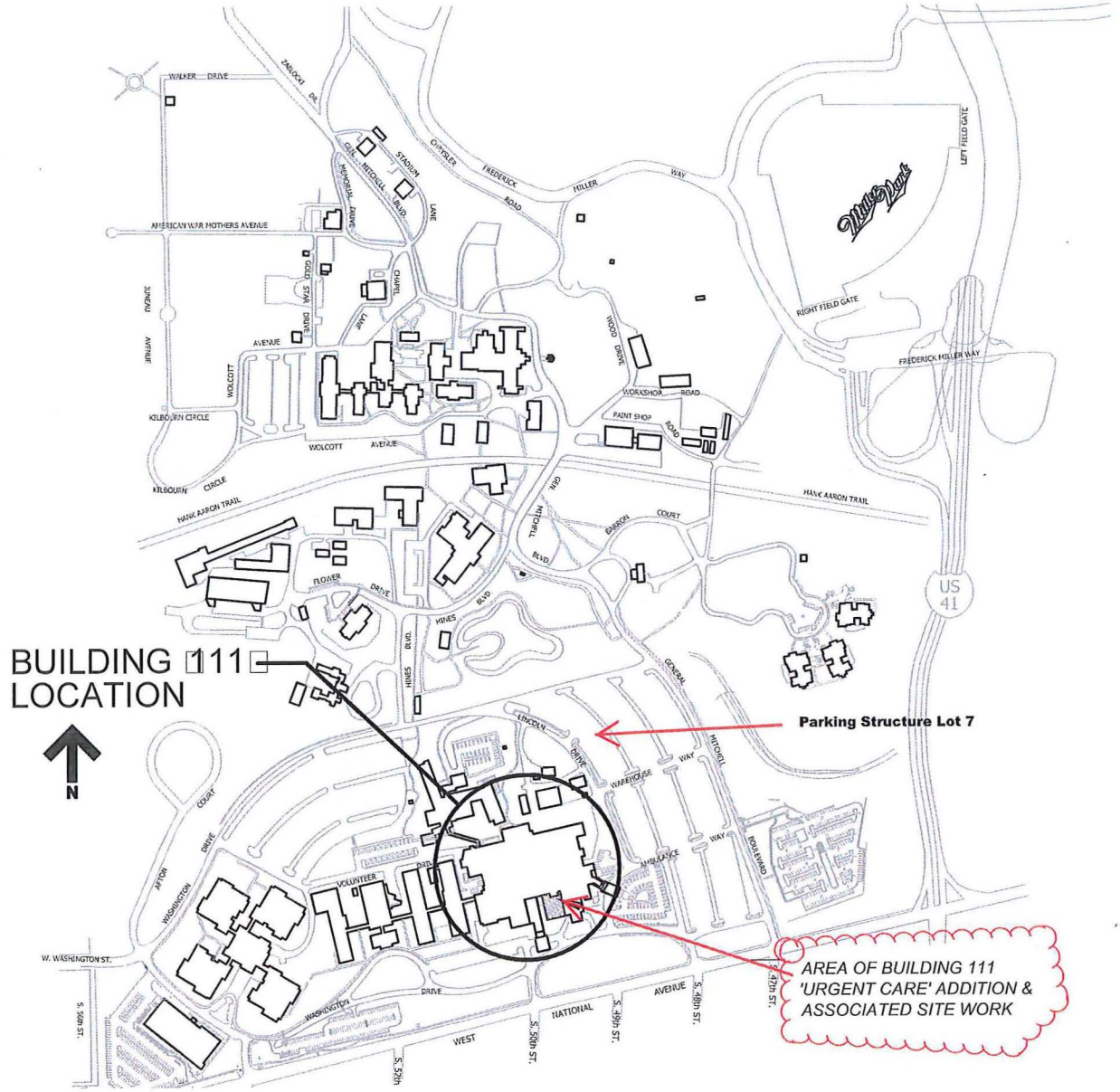
Casey Schimek
Green Environmental Management System (GEMS) Coordinator
Clement J. Zablocki VA Medical Center
Cassandra.Schimek@va.gov<mailto:Cassandra.Schimek@va.gov>
Phone: 414-384-2000 x45891
Fax: 414-382-5366

>
> Map below and attached:
>
> [cid:image001.png@01D2E5EA.D81E2D50]
>
> Ken Wasemiller | PCS
> main 608.563.1361 | cell 608.295.8841
>

--
Rick Frieseke

Friess Environmental Consulting, Inc.
6637 North sidney Place
Milwaukee, WI 53209

414 228-9815 work ph
414 228-9816 work fax
414 731-9875 cell


BUILDING 111
LOCATION
N
Parking Structure Lot 7
AREA OF BUILDING 111
'URGENT CARE' ADDITION &
ASSOCIATED SITE WORK
WALKER DRIVE
AMERICAN WAR MOTHERS AVENUE
KILBOURN CIRCLE
WOLCOTT AVENUE
HANK AARON TRAIL
FREDERICK MILLER WAY
RIGHT FIELD GATE
LEFT FIELD GATE
WORKSHOP ROAD
PAINT SHOP ROAD
FLOWER DRIVE
HINES BLVD.
GENERAL MITCHELL WAY
LINCOLN DRIVE
WAREHOUSE COURT
AMBULANCE WAY
VOLUNTEER DRIVE
AIFTON DRIVE
WASHINGTON DRIVE
W. WASHINGTON ST.
S. 56th ST.
S. 52nd
S. 50th ST.
S. 49th ST.
S. 48th ST.
S. 42nd ST.
WEST NATIONAL AVENUE
US 41

Project Contacts

Disposal Site

R&R Excavating Site
County Road I
Cedarburg, WI 53012
SE ¼ of the NE ¼, Section 22, Township 10 N, Range 21 E
WTM Coordinates: 683133, 318082; 43.317884 Latitude, -87.988200 Longitude

Charmoli Holdings, LLC
Mr. Dick and Maxine Charmoli
320 Douglas Lane
Cedarburg, WI 53012
(262) 377-5736

Ponfil Trust
224 Aspen Drive
Grafton, WI 53024

Friess Environmental Consulting, Inc.
Mr. Rick Frieseke
6637 North Sidney Place
Milwaukee, WI 53209
(414) 228-9815

Generator Site

Proposed VA Parking Structure
CLEMENT J. ZABLOCKI VA MEDICAL CENTER
Mr. Jim Beier Attn: Facility Management Division
5000 W. National Avenue
Building 70, Room 250E
Milwaukee, Wisconsin 53295
Phone: (414) 384-2000
James.Beier@va.gov
Southwest ¼ Southwest ¼ Section 20, Township 7 North, Range 22
WTM Coordinates: 684925, 285102; 43.02071 Latitude, -87.97953 Longitude;

Progressive Construction Services, LLC
Mr. Ken Wasemiller
944 North Parker Drive
Janesville, WI 53545
(608) 295-8841
ken@pcsgov.com

Grittner, Paul V - DNR

From: Rick Frieseke <rfrieseke@fecinc.us>
Sent: Monday, July 31, 2017 12:38 PM
To: Grittner, Paul V - DNR
Cc: Ken Wasemiller (ken@pcsgov.com)
Subject: Re: Urgent Care Addition at VA Center, BRRTS # 02-41-563846
Attachments: 170402 notification1.pdf; Charmoli Signature - VA Urgent Care Addition.pdf; Ponfil Signature.pdf

Paul
As discussed.

Attached is the notification letter sent in June and the signatures from owners and myself on Section 12.

I will drop off additional fees today.

Again appreciate your quick response to finalize the approval.

Rick

On 6/19/2017 2:21 PM, Grittner, Paul V - DNR wrote:

> Subject: Urgent Care Addition located at the
> Clement J Zablocki VA Medical Center
> 5000 W. National Avenue, Milwaukee WI
> BRRTS# 02-41-563846
> FID# 341041470
>
> Rick,
>
> The following items will be required before the DNR can approve the 718.12 exemption request made for the site identified above:
>
> 1) The attached DNR Publication RR-072, "Recommended Format for Exemption Request Wis. Admin. Code § NR 718.12 or § NR 718.15" outlines the fees required for review and approval of a 718.12 exemption request. This includes a $700 technical review fee for the generating site *and* the receiving site. It appears that only one of these fees was paid. The other $700 review fee must be submitted to the DNR. In addition, as residual soil contamination will be present on the R&R excavating site, a $300 soil database fee will need to be submitted as well.
>
> 2) To comply with the requirements of Wis. Admin. Code § NR 718.12(2)(d), the responsible party (Clement J. Zablocki VA Medical Center – Jim Beier) must notify all owners of the R&R Excavating site that contaminated soil will be brought onto their property and that this will impose a continuing obligation with certain responsibilities and future liabilities. The responsible party may either:
>
> a. Provide notice to the owners of the R&R Excavating Site that a continuing obligation will be imposed on their property, a copy of the exemption request to document the work

that is being proposed, and a completed 'Section 8' of the attached form. Section 8 must indicate that "Residual Soil Contamination" will remain at their facility. These documents must be sent certified mail, return receipt requested, or priority mail with signature confirmation. The DNR will need to provide the owners with 30 days after receipt to review the notification and provide comments. If R&R does not reject accepting the material within 30 days, and all applicable fees have been paid, the DNR would be able to approve this exemption request.

Or

b. Provide notice to the owners of the R&R Excavating Site that a continuing obligation will be imposed on their property, a copy of the exemption request to document the work that is being proposed, a completed 'Section 8' indicating that "Residual Soil Contamination" will remain at their facility, and a blank 'Section 12' of the form. Section 12 must be completed by **all** owners of the R&R Excavating site and then returned to the DNR. Once the completed 'Section 12' is received by the DNR, and all applicable fees have been paid, this exemption request can be approved.

Similar requirements as those listed above will be required for all future requests to bring contaminated soil to a different site or facility from which the material was generated.

Please contact me at the number or email below if you have any questions regarding these requirements.

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Paul Grittner
Contaminated Material Management Specialist - Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
Phone: (608) 266-0941
paul.grittner@wisconsin.gov

--
Rick Frieseke

Friess Environmental Consulting, Inc.
6637 North sidney Place
Milwaukee, WI 53209

414 228-9815 work ph
414 228-9816 work fax
414 731-9875 cell

NOTIFICATION OF RESIDUAL CONTAMINATION AND/OR CONTINUING OBLIGATIONS

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

FRIESS ENVIRONMENTAL CONSULTING, INC.

Charmoli Holdings, LLC
Mr. Dick and Maxine Charmoli
320 Douglas Lane
Cedarburg, WI 53012

Ponfil Trust
Ms. Jean Ponfil
224 Aspen Drive
Grafton, WI 53024

Dear Mr. Charmoli & Ms. Ponfil:

On behalf of Ms. Casey Schimek of the Clement J. Zablocki VA Medical Center, the responsible party (RP) for the above referenced site, ***Friess Environmental Consulting, Inc (FEC)*** provides this letter to inform you of certain long term responsibilities (continuing obligations) for which you may become responsible. The RP has requested that the Wisconsin Department of Natural Resources (DNR) approve a NR 718.12 soil management request to dispose of contaminated material at your property. However, continuing obligations may be imposed as a condition of approval.

Under s. 292.12, Wis. Stats., current and future owners and occupants of your property are responsible for complying with continuing obligations imposed as part of the soil management approval. The responsibility for maintaining all necessary continuing obligations for your property will fall on to you or any subsequent property owners, unless another person has a legally enforceable responsibility to comply with the requirements of the final approval letter.

Soils impacted with polycyclic aromatic hydrocarbons (PAHs) and lead at levels which exceed the soil standards found in ch. NR 720, Wis. Adm. Code, are proposed to be transported and disposed of on your property. As part of the soil management approval, we are proposing that the following continuing obligations be used at your property to address future exposure to the residual contamination. If the soil management request is approved, you will be responsible for the following continuing obligations.

To construct a new well or to reconstruct an existing well, the property owner at the time of construction or reconstruction will need to obtain prior approval from the DNR (see below). Typically, this results in casing off a portion of the aquifer during drilling, when needed, to protect the water supply.

If soil is excavated from the area with residual soil contamination, the property owner at the time of excavation will be responsible for the following:

- Determine if contamination is present
- Determine whether the material would be considered solid or hazardous waste
- Ensure that any storage, treatment, or disposal is in compliance with applicable statutes and rules

Contaminated soil may be managed in-place, in accordance with ch. 718, Wis. Adm. Code, with prior DNR approval. In addition, all current and future property owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health treat to humans.

Depending on the site-specific conditions, construction over contaminated soil or groundwater may result in vapor migration of contaminants into enclosed structures or migration along underground utility lines. The potential for vapor inhalation and means of migration should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protestion of public health, saftely, welfare, and the environment at the site.

If compliance with a maintenance plan is required as part fo a continuing obligation, an inspection log will need to be filled out periodically, and kept available for inspection by the DNR. Submittal of the inspection log may also be required. You will also need to notify and future owners and occupants of this property of the need to maintain the continuing obligations and to document that maintenance on the inspection log. Periodic audits of these continuing obligations may be conducted by the DNR, to ensure that potential exposure to residual contamination is being addressed. The DNR provides notification before conducting site visits as part of the audit.

If the soil management request is approved, all properties within the site boundaries where contamination remains, or where a continuing obligation is applied, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web at the web site http://dnr.wi.gov/topic/Brownfields/clean.html. Inclusion on this database provides public notice of remaining contamination and of any continuing obligations. Documents can be viewed on this database, and include final closure letters, site maps, and any applicable maintenance plans. The location of the site may also be viewed on the Remediation and Redevelopment Sites Map (RR Sites Map), on the "GIS Registry" layer, at the same internet address listed above.

DNR approval prior to well construction or reconstruction is required for all sites included in the GIS registry, in accordance with s. NR 812.09 (4)(w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. Special Well construction standards may be necessary to protect the well from the remaining contamination. Well drillers need to first obtain approval from a regional water supply specialist in the DNR's Drinking Water and Groundwater Program. The well construction application, form 3300-254, is on the internet at http://dnr.wi.gov/topic/wells/documents/3300254.pdf.

If the DNR grants approval, you will receive a letter which defines the specific continuing obligations on your property. The final approval letter will contain a description of the continuing obligation, any prohibitions on activities, and will include any applicable maintenance plan.

If you need more information, you may contact us at (414) 228-9815 or you may contact the DNR project manager Paul Grittner at paul.grittner@wisconsin.gov or (608) 266-0941. Attached is the signature page of the soil disposal exemption request. Please sign and date the form and return to FEC.

Respectfully,

Friess Environmental Consulting, Inc.

Trenton J. Ott
Project Manager

Richard W. Frieseke, P.E.
President

170402 notification

Note: The following certification must be attached to confirm the Wis. Admin. Code § NR 718 exemption request was prepare by or under the supervision of a professional engineer under Wis. Admin. Code § NR 712.07.

Professional Engineer Information			
Last Name Frieseke	**First Name** Richard W.		
Mailing Address 6637 North Sidnet Place	**City** Milwaukee	**State** WI	**ZIP Code** 53209
Phone No. (include area code) (414) 228-9815	**Email** rfrieseke@fecinc.us		

"I hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A–E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A–E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

It is my professional opinion that the proposed soil management activity will not cause environmental pollution nor cause any other significant risk to public health, safely or welfare."

Signature	Date	Wisconsin Registration Number
Richard W Frieseke	6/30/17	29877-006

Section 12 - Signatures

Each receiving site or facility property owner's signature must be included as part of this request. Attach additional copies of the signature page, if needed. If one of the owners of the receiving site or facility is acting on behalf of other owners, a power of attorney form or statement must be signed and attached to this agreement clearly granting the agent the authority to accept the contaminated soils on behalf of all other owners of the receiving site or facility whose signatures are not included on this agreement.

Owner(s) of Property Where Material is Placed		
Print Name	**Signature**	**Date**
Print Name	**Signature**	**Date**
Print Name	**Signature**	**Date**
Print Name	**Signature**	**Date**

Note: The following certification must be attached to confirm the Wis. Admin. Code § NR 718 exemption request was prepare by or under the supervision of a professional engineer under Wis. Admin. Code § NR 712.07.

Professional Engineer Information			
Last Name: Frieseke	First Name: Richard W.		
Mailing Address: 6637 North Sidney Place	City: Milwaukee	State: WI	ZIP Code: 53209
Phone No. (include area code): (414) 228-9815	Email: rfrieseke@fecinc.us		

"I hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A–E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A–E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

It is my professional opinion that the proposed soil management activity will not cause environmental pollution nor cause any other significant risk to public health, safely or welfare."

Signature	Date	Wisconsin Registration Number
Richard W Frieseke	6/30/17	29877-006

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Owner(s) of Property Where Material Is Placed		
Print Name	Signature	Date
RICHARD CHARMOLI	Richard Charmoli	7.10.2017
Print Name	Signature	Date
Print Name	Signature	Date
Print Name	Signature	Date

Note: The following certification must be attached to confirm the Wis. Admin. Code § NR 718 exemption request was prepare by or under the supervision of a professional engineer under Wis. Admin. Code § NR 712.07.

Professional Engineer Information			
Last Name Frieseke	**First Name** Richard W.		
Mailing Address 6637 North Sidney Place	**City** Milwaukee	**State** WI	**ZIP Code** 53209
Phone No. (include area code) (414) 228-9815	**Email** rfrieseke@fecinc.us		

"I hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A–E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A–E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

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Signature	Date	Wisconsin Registration Number
Richard W. Frieseke	6/30/17	29877-006

Section 12 - Signatures

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Owner(s) of Property Where Material is Placed		
Print Name	**Signature**	**Date**
Scott W. Ponfil	Scott W. Ponfil AS CO TRUSTEE OF PAUL PONFIL TRUST (FOR PROJ. # 170402)	7/12/17
Print Name	**Signature**	**Date**
Print Name	**Signature**	**Date**
Print Name	**Signature**	**Date**