



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.

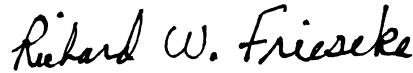
We appreciate your assistance with this request. If you have any questions or comments regarding this submittal, please contact us at (414) 228-9815.

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

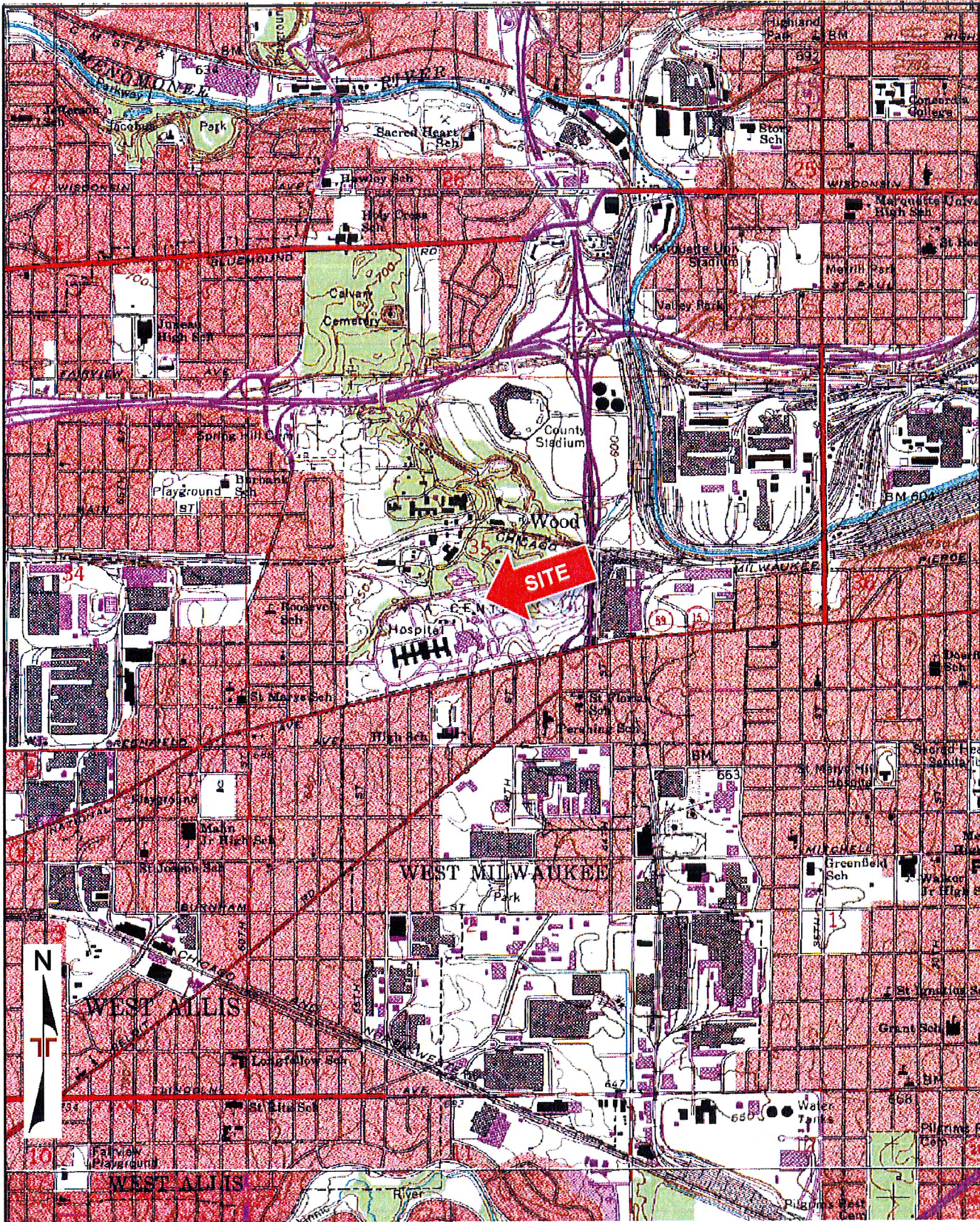
Generator Site

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
Drawn by: JDW	Scale: 1"=24,000 SF
Checked by: PAT	File Name:
Approved by: PAT	Date: 06/2015

Terracon

9856 South 57th Street
 Franklin, WI 53132

SITE LOCATION

Milwaukee VA Hospital Lot 7 Parking Garage
 5000 W. National Avenue
 Milwaukee, WI

Exhibit

A-1

three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot



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

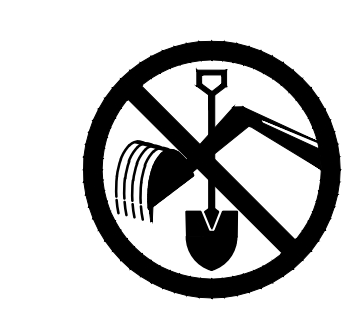
1. IF UNDOCUMENTED BURIED UTILITIES ARE ENCOUNTERED DURING EXCAVATION, IMMEDIATELY CALL GRAPHICS AND COR:
 VA GRAPHICS CENTER
 ZABLOCKI VA
 PHONE: 414-384-2000 EXT. 41010

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

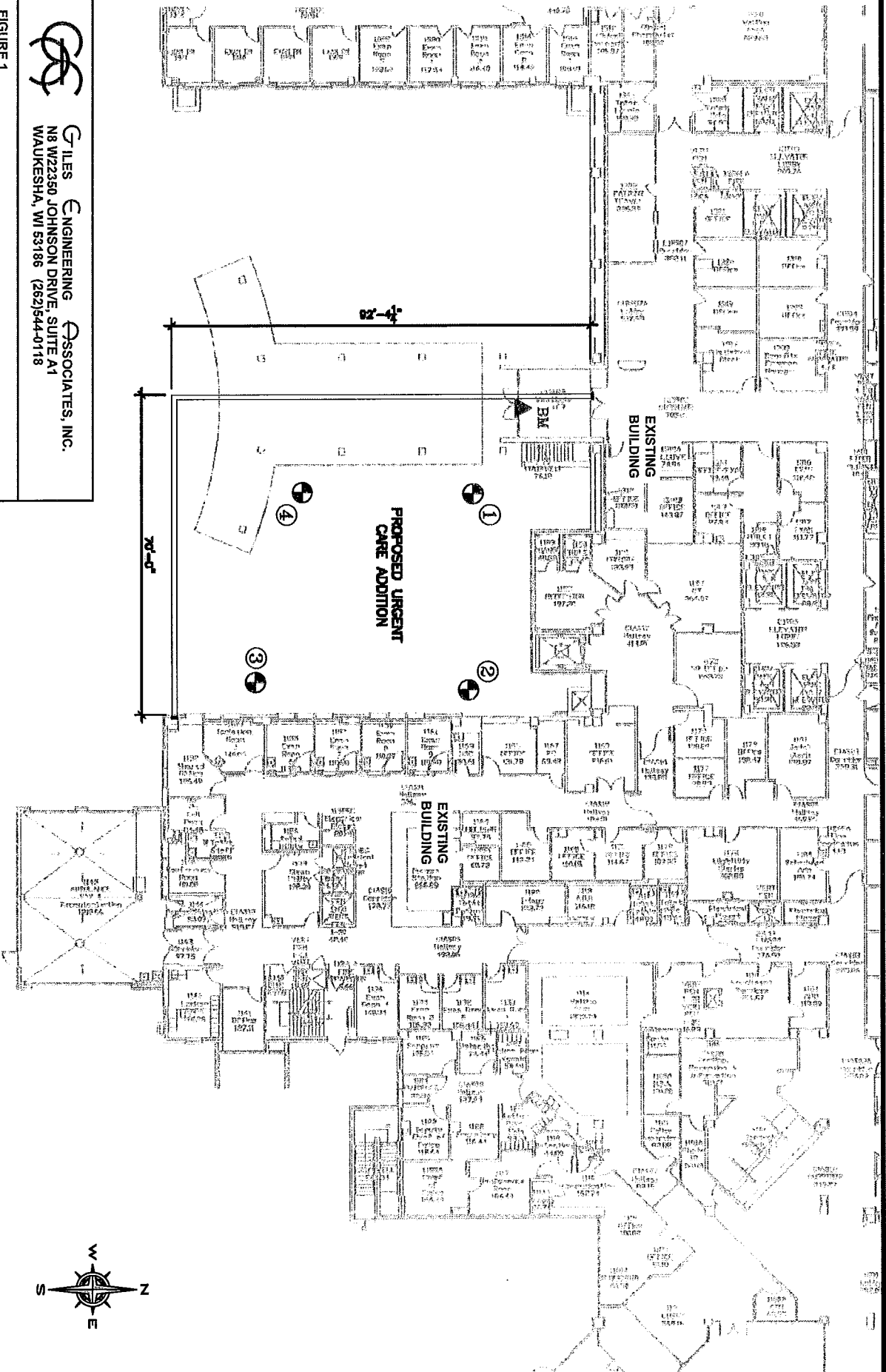
<p>Department of Veterans Affairs Medical Center 5000 W. National Avenue Milwaukee, WI</p>		KEY PLAN:	CONSULTANTS: 	PROJECT LEADER: 	Drawing Title SITE DEMOLITION PLAN	Project Title 111 EXPAND URGENT CARE	Project Number 695-402	Office of Facilities Management
		Approved: Project Director	Location: VA Medical Center, Milwaukee, WI	Building Number 111				
Revisions:	Date	Date January 28th, 2016	Checked By: HFB	Drawn By: ELO	Drawing Number CD100	Department of Veterans Affairs		



GILES ENGINEERING ASSOCIATES, INC.
N8 W2350 JOHNSON DRIVE, SUITE A1
MILWAUKEE, WI 53186 (262)544-0118

FIGURE 1
TEST BORING LOCATION PLAN
ZABLOCKIYA 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.: 16-1506001			CAD No. 161506001-bhp2	




LEGEND:

- ① GEOTECHNICAL TEST BORING
- ▲ BENCHMARK, FINISHED FLOOR OF EXISTING BUILDING, ASSUMED ELEVATION = 100.0'

NOTES:

- 1.) TEST BORING LOCATIONS ARE APPROXIMATE.
- 2.) BASE MAP DEVELOPED FROM THE FILE (B711 Existing Plan.pdf), PROVIDED BY THE CLIENT ON 6-2-15.

BORING NO. & LOCATION: 1	TEST BORING LOG	 GILES ENGINEERING ASSOCIATES, INC.	
SURFACE ELEVATION: 662.5 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
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		
		620								
Gray Silty Clay, trace Sand and Gravel - Moist			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 1G-1506001.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 Brown and Gray-Brown Silty Clay, little Sand and Gravel (Fill) - Moist	10	660	1-SS	6	2.5	3.0		16		
			2-SS	10	3.5	3.5	18			
			3-SS	11		3.3	17			
			4-SS	9	2.1	2.2	17			
			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	640	9-SS	17		4.5+		20		
			10-SS	17		2.2	17			
Gray-Brown Silty Clay, trace to little Sand - Moist			11-SS	16	2.0	1.5		16		
Gray Silty fine to medium Sand with Silty Clay lenses - Moist to Wet	30	630	12-SS	11						(a)
			13-SS	15			23			
Gray to Gray-Brown Clayey Silt, little Sand with Silty fine to medium Sand lenses - Moist to Wet	40	620	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 5000 W. NATIONAL AVENUE MILWAUKEE, WISCONSIN
COMPLETION DATE: 07/01/15			
FIELD REP: KEITH FLOWERS			
PROJECT NO: 1G-1506001			

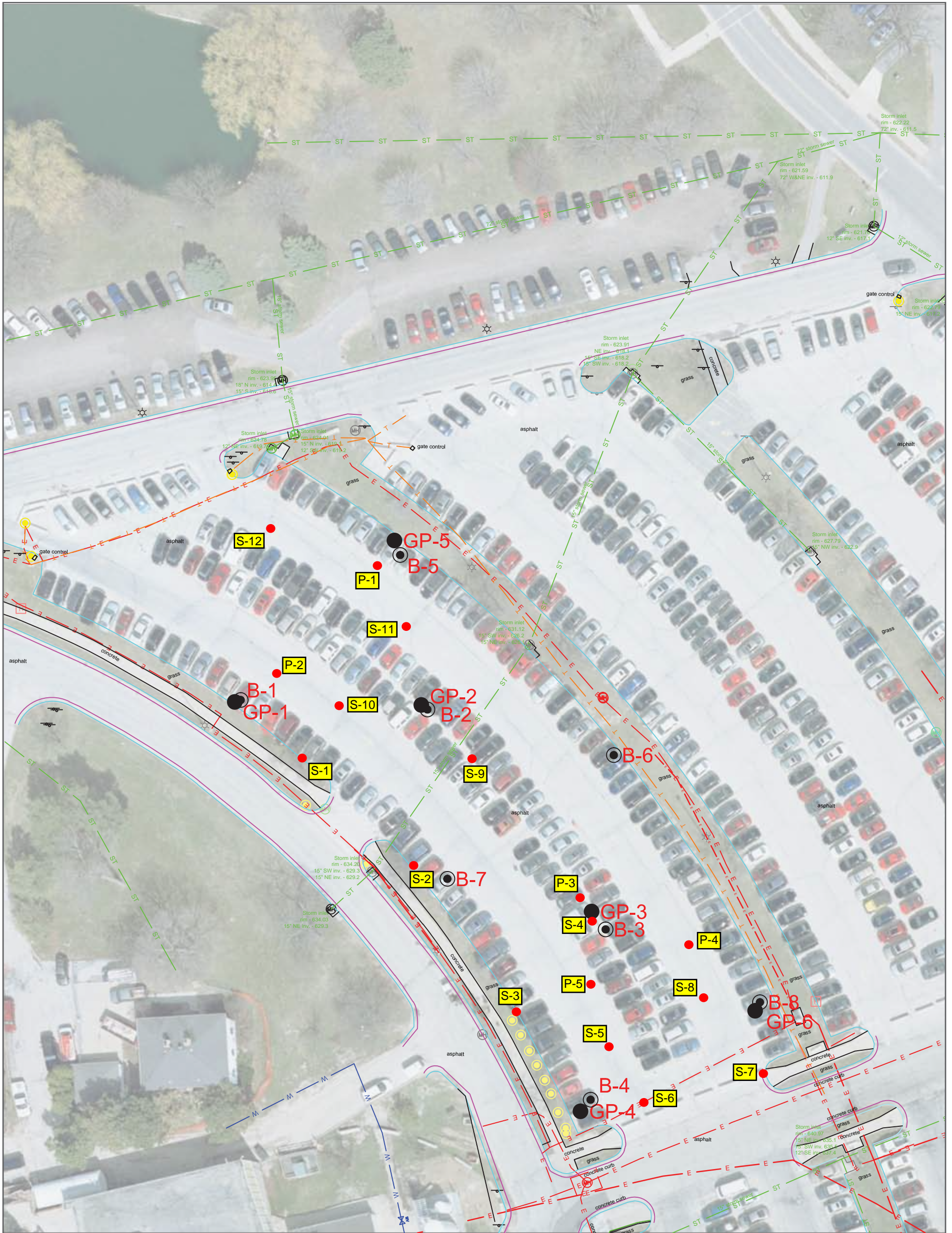
MATERIAL DESCRIPTION	Depth (ft)	Elevation	Sample No. & Type	N	Q _u (tsf)	Q _p (tsf)	Q _s (tsf)	W (%)	PID	NOTES
14"± Dark Brown Silty Clay, trace to little Sand, Organic Matter (Topsoil Fill) - Moist			1-SS	8	5.0	4.5+		15		
Brown and Dark Brown Silty Clay, little to some Sand and Gravel, trace Organic 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		
Black and Gray Silty Clay, trace Sand (Fill) - Moist	10		5-SS	8	1.9	3.2		20		
		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')



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

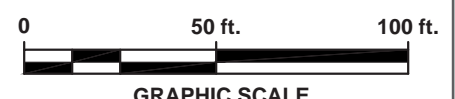
Water Observation Data		Remarks:
	Water Encountered During Drilling: None	
	Water Level At End of Drilling: None	
	Cave Depth At End of Drilling: 19 ft.	
	Water Level After ___ Hours: ___ ft.	
	Cave Depth After ___ Hours: ___ ft.	

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.



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

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



BOREHOLE LOCATION MAP
PARKING LOT 7 AT VAMC
 5000 W. NATIONAL AVENUE
 MILWAUKEE, WISCONSIN

FIGURE
2

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)	Acenaphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo (a) anthracene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluoranthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naphthalene (ppb)	2-Methyl Naphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (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	1,000	1,010	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	1,200,000
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 **bold**.

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	211	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 d RCL		*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 RCL		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	1,200,000
NR 20 I-d RCL		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 **blue**.

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
<i>NR 140 ES</i>		<i>15</i>	<i>NS</i>	<i>NS</i>	<i>3,000</i>	<i>NS</i>	<i>0.2</i>	<i>0.2</i>	<i>NS</i>	<i>NS</i>	<i>0.2</i>	<i>NS</i>	<i>400</i>	<i>400</i>	<i>NS</i>	<i>100</i>	<i>NS</i>	<i>250</i>
<i>NR 140 PAL</i>		<i>1.5</i>	<i>NS</i>	<i>NS</i>	<i>600</i>	<i>NS</i>	<i>0.02</i>	<i>0.02</i>	<i>NS</i>	<i>NS</i>	<i>0.02</i>	<i>NS</i>	<i>80</i>	<i>80</i>	<i>NS</i>	<i>10</i>	<i>NS</i>	<i>50</i>

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)	Acenaphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo (a) anthracene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluoranthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naphthalene (ppb)	2-Methyl Naphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (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	<0.0267	<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	<0.0267	<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 d 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/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	1,200,000
NR 20 l d 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 bold.

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

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

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

Note: Concentrations in 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)	Naphthalene (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	1,500	200	659	1,100	1,382	3,940
NR 20 N d r R L		1,490	400	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	100	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 **orange bold**.

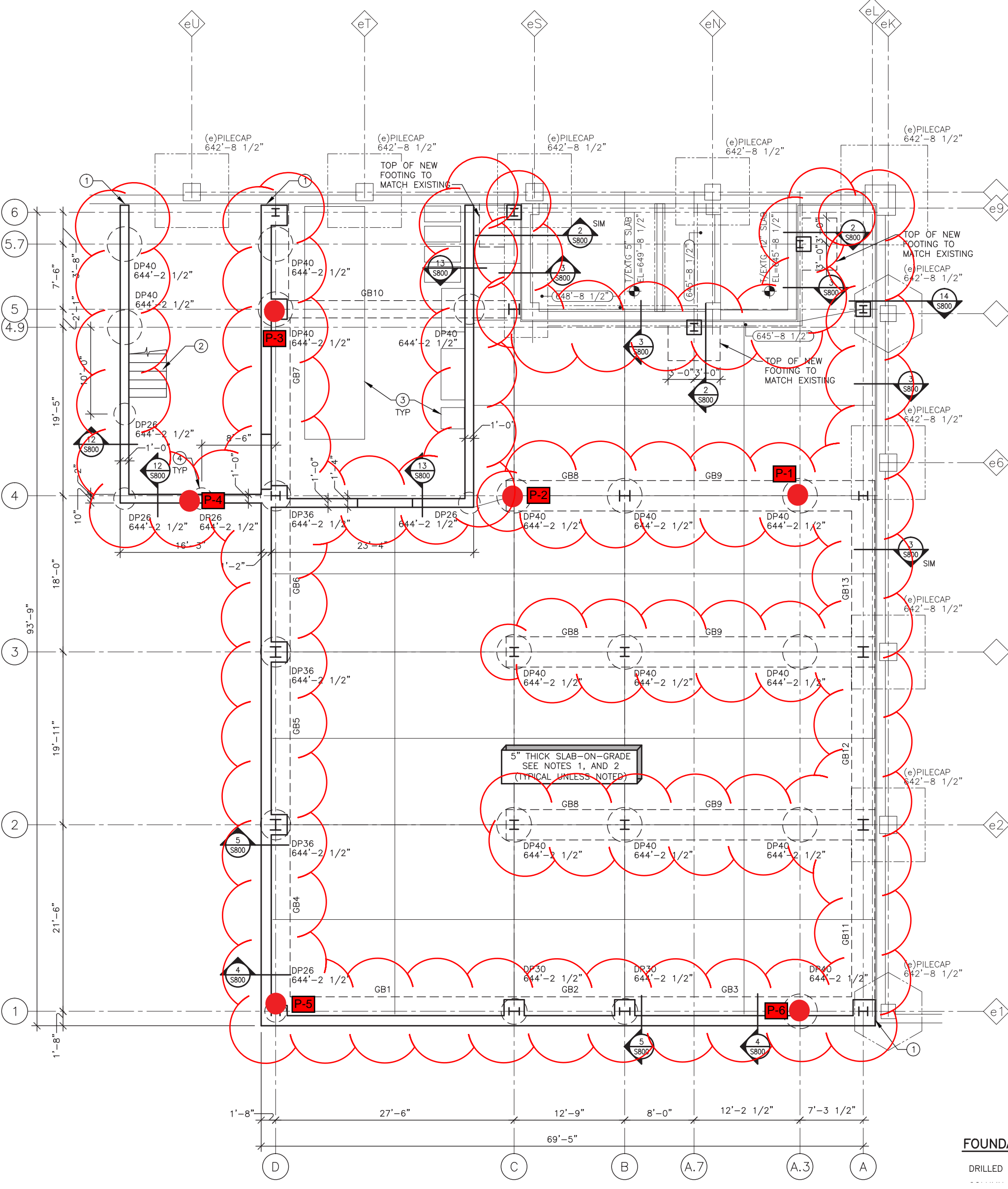
Note: Concentrations that exceed their respective non-industrial RCLs for direct contact within the top 4 feet are in **red bold**.

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-1



FOUNDATIONS
 DRILLED PILES

- = sampling location
- = piling locations
- 🔴 = footing excavation area

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)	Acenaphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo (a) anthracene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluoranthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naphthalene (ppb)	2-Methyl Naphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (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	<u>155</u>	220	117	65.0	<u>148</u>	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	<u>310</u>	420	192	146	<u>360</u>	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	<u>29.5</u>	<15.1	<15.9	73.0	291	<u>380</u>	<u>550</u>	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	<u>490</u>	<u>330</u>	297	259	<u>350</u>	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	<u>1,080</u>	<u>1,500</u>	720	500	<u>1,230</u>	<u>180</u>	2,510	350	680	80.0	99.0	169	<u>1,800</u>	2,120
P-5 (4-6)	5/3/2017	NA	277	155	710	920	<u>1,040</u>	<u>1,440</u>	660	480	<u>1,130</u>	<u>165</u>	2,470	510	640	165	240	<u>600</u>	<u>2,400</u>	2,040
P-6 (0-2)	5/3/2017	NA	36.0 J	21.9 J	118	340	<u>410</u>	<u>580</u>	264	195	<u>400</u>	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/L		20	*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/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	1,900,000
NR 20 I-d 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	2,000	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)	Acenaphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo (a) anthracene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluoranthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	Naphthalene (ppb)	Phenanthrene (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
		<i>15</i>	<i>NS</i>	<i>NS</i>	<i>3,000</i>	<i>NS</i>	<i>0.2</i>	<i>0.2</i>	<i>NS</i>	<i>NS</i>	<i>0.2</i>	<i>NS</i>	<i>400</i>	<i>400</i>	<i>NS</i>	<i>100</i>	<i>NS</i>	<i>250</i>
		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)	Acenaphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo (a) anthracene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) fluoranthene (ppb)	Benzo (g,h,i) perylene (ppb)	Benzo (k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno (1,2,3-cd) pyrene (ppb)	1-Methyl Naphthalene (ppb)	2-Methyl Naphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
P-5 (2-4)	5/3/2017	NA	195	79.0	590	990	<u>1,080</u>	<u>1,500</u>	720	500	<u>1,230</u>	<u>180</u>	2,510	350	680	80.0	99.0	169	<u>1,800</u>	2,120
P-5 (4-6)	5/3/2017	NA	277	155	710	920	<u>1,040</u>	<u>1,440</u>	660	480	<u>1,130</u>	<u>165</u>	2,470	510	640	165	240	<u>600</u>	<u>2,400</u>	2,040
P-5 (2-6) Leach	5/3/2017	<0.0038	<0.033	<0.0233	<0.267	<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 Groundwater RCL		20	*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 Non-Industrial Direct Contact RCL		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	1,900,000
NR 20 Industrial Direct Contact RCL		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	2,000	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 [orange bold].

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 Groundwater RCL		5.1	1,500	20	1,100	1,382	3,940
NR 20 Non-Industrial RCL		<u>1,600</u>	<u>8,020</u>	<u>63,800</u>	<u>818,000</u>	<u>219K-182K</u>	<u>260,000</u>
NR 20 Industrial RCL		<u>1,000</u>	<u>35,400</u>	<u>282,000</u>	<u>818,000</u>	<u>219K-182K</u>	<u>260,000</u>

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

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.

Synergy Environmental Lab, INC.

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

TRENTON OTT
FEC, INC.
6637 N. SIDNEY PLACE
MILWAUKEE, WI 53209

Report Date 15-May-17

Project Name VA URGENT CARE
Project # 170402
Lab Code 5032869A
Sample ID P-1 0-2
Sample Matrix Soil
Sample Date 5/3/2017

Invoice # E32869

	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
Project # 170402

Invoice # E32869

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
 Project # 170402

Invoice # E32869

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
 Project # 170402

Invoice # E32869

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
Project # 170402

Invoice # E32869

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
 Project # 170402

Invoice # E32869

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
Project # 170402

Invoice # E32869

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
 Project # 170402

Invoice # E32869

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
 Project # 170402

Invoice # E32869

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
 Project # 170402

Invoice # E32869

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
 Project # 170402

Invoice # E32869

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
Project # 170402

Invoice # E32869

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
Project # 170402

Invoice # E32869

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
 Project # 170402

Invoice # E32869

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
Project # 170402

Invoice # E32869

Lab Code 50328690
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
 Project # 170402

Invoice # E32869

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.

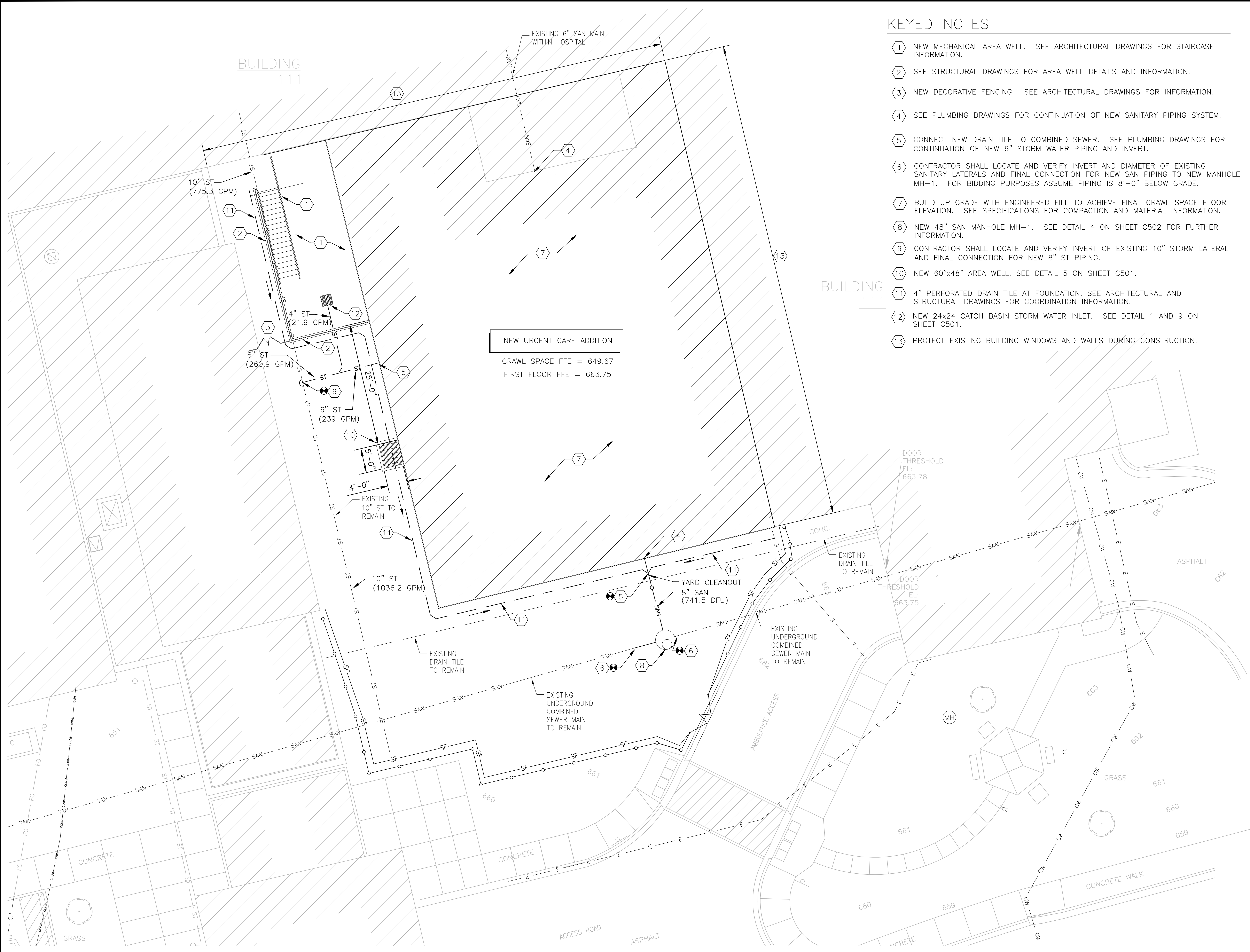
Authorized Signature

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.

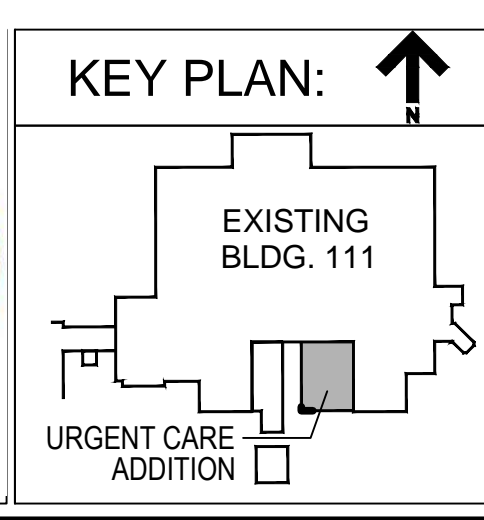


TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
 CALL DIGGERS HOTLINE
 1-800-242-8511
 TOLL FREE
 TELEFAX 1-800-338-3860
 TDD (FOR HEARING IMPAIRED) 1-800-542-2289
 WISCONSIN STATUTE 182.0175 (1974)
 REQUIRES MINIMUM OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

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



CONSULTANTS:

PROJECT LEADER:

309 N. WATER ST.
 SUITE 650
 MILWAUKEE, WI 53202
 PHONE: (414) 288-6004

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