



GILES

ENGINEERING ASSOCIATES, INC.

GEOTECHNICAL, ENVIRONMENTAL & CONSTRUCTION MATERIALS CONSULTANTS

- Atlanta, GA
- Dallas, TX
- Los Angeles, CA
- Manassas, VA
- Milwaukee, WI

November 8, 2019

Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, WI 53212-3128

Attention: Ms. Jennifer Dorman

Subject: Initial Site Investigation Summary Report
Pershing Plaza Shopping Center
(Former Lakeside Cleaners Lease Space)
7536 Pershing Blvd
Kenosha, Wisconsin
BRRTS #02-30-582211
Giles Project No. 1E-1902007

Dear Ms. Dorman:

On behalf of Jomblee, Inc. (Jomblee), Giles Engineering Associates, Inc. (Giles) is submitting this Initial Site Investigation Summary Report for the Pershing Plaza Shopping Center (former Lakeside Cleaners lease space) located at 7536 Pershing Boulevard in the City of Kenosha, Kenosha County, Wisconsin ("Site"). The general location of the Site is shown on Figure 1.

BACKGROUND INFORMATION

Jomblee, Inc. (Jomblee) operated Lakeside Cleaners, which provided dry cleaning services at the Site for at least 15 years, and ceased operations in late 2011. Ener-Con, the owner of Pershing Plaza, retained The Sigma Group (Sigma) to collect soil samples at the former dry cleaning facility in March 2018. Chlorinated volatile organic compounds (VOCs) were detected at concentrations exceeding the Wisconsin Administrative Code Natural Resources Chapter (NR Ch.) 720 Residual Contaminant Levels (RCLs) for groundwater protection in the three soil samples collected within the building. On September 11, 2018, based on the soil sampling results, attorneys for the Site owner notified the Wisconsin Department of Natural Resources (WDNR) of a spill or release of dry cleaning solvent at the Pershing Plaza Shopping Center (former Lakeside Cleaners).

The former Lakeside lease space is currently unoccupied, as is the lease space to the north. A nail salon is located in the lease space to the south, with a Piggly Wiggly grocery store beyond, and the location of the Site within the shopping center is shown on Figure 2.

Based on the findings of the site assessment, Sigma reported a release to the WDNR, who issued a "Responsible Party" (RP) letter to Jomblee dated September 13, 2018. The RP letter stated that a Site Investigation would need to be conducted to define the degree and extent of impacted soil and groundwater at the Site, and a vapor intrusion assessment would also need to be conducted. Giles was retained by Jomblee to begin the Site Investigation activities to define

the lateral and vertical extent of soil and groundwater impacts at the Site and to evaluate the potential vapor intrusion risk to the on-Site building.

SCOPE OF SERVICE

The following scope of services for the initial Site Investigation was completed for the Site. Field activities were conducted in July and August 2019. Sample locations are shown on Figure 3.

- Prepared a sampling plan for the initial Site Investigation activities, which included the collection of soil, soil gas, indoor air, and groundwater samples.
- Coordinated the clearing of public and private utilities.
- Completed three exterior soil borings using direct-push soil sampling techniques. One boring was located immediately west of the former dry cleaners, the remaining two borings were located to the northwest and southeast of the dry cleaners.
- Completed one interior soil boring within the former Lakeside lease space near the former location of the dry cleaning machine.
- Completed soil classifications, prepared soil boring logs (Attachment A), and conducted field screening for organic vapors utilizing a photoionization detector (PID).
- Collected eight soil samples (2 per boring) to assess soil conditions. Samples were collected from shallow soil (0-4 feet bgs), the interval exhibiting the highest PID reading, or immediately above the water table. The soil samples were submitted to a State of Wisconsin Certified Laboratory for analysis of VOCs by EPA Method 8260B.
- Constructed three WDNR NR 141-variance wells, with 1-inch inside diameter prepacked well screens (1.7-inch outside diameter) to facilitate groundwater sample collection. The wells were installed within the three exterior soil borings. The wells were developed prior to groundwater sampling, in accordance with Ch. NR 141 (Attachment B).
- Conducted one groundwater sampling event. Groundwater samples from each newly installed monitoring well were collected and submitted to a Wisconsin certified analytical laboratory for VOCs (8260) analysis.
- Collected one sub-slab soil vapor sample and one 24-hour indoor air sample within the former Lakeside Cleaners lease space. The sub-slab vapor sample was collected from a vapor point installed near the former location of the dry cleaning machine, and the indoor air sample was collected approximately five feet above the floor in the central part of the former lease space. The soil vapor and indoor air samples were submitted to a State of Wisconsin Certified Laboratory for analysis of chlorinated VOCs by EPA Method TO-15.
- Evaluate the information collected and prepared this initial Site Investigation letter report, summarizing the tasks performed, the results of the chemical analyses, and recommendations for additional work.
- Project management and peer review.

Soil In-field Screening and Soil Analytical Results

Interior boring B-4 was surfaced with a 4-inch concrete slab underlain by several inches of silty clay with gravel fill. The materials encountered during completion of exterior borings MW-1

through MW-3 included approximately 3 inches of asphalt underlain by sand and gravel granular fill to a depth ranging between 6 inches and 4 feet bgs. Underlying the surficial fill materials were native soils consisting of silty clay and silt and clay with trace gravel and coarse sand to 15 feet bgs, the maximum depth explored. Additionally, a 2-inch sand and gravel seam was observed at approximately 12.5 feet below ground surface (bgs) in boring MW-1.

Field screening of soil samples from the borings was performed with a PID. Organic vapors were detected above background levels (up to 5 instrument units [iu]) in the soil samples collected from interior boring B-4. Elevated PID readings ranged from 7.2 iu to 244 iu, with the highest readings recorded in the upper four feet of soil. The PID instrument readings are included on the boring logs in Attachment A.

Tetrachloroethene (PCE) was detected in two of the soil samples submitted for laboratory analysis by Giles. The shallow (0 to 2 feet bgs) soil samples from B-4 and MW-1 contained concentrations of PCE above the NR Ch. 720 RCLs for groundwater protection. No other VOCs were detected in the soil samples submitted for laboratory analysis. The soil analytical results are summarized in Table 1, and the laboratory report and chain-of-custody are included in Attachment C.

Groundwater Analytical Results

No VOCs were detected in the groundwater samples collected from the three groundwater monitoring wells MW-1 through MW-3. The groundwater analytical results are summarized in Table 2, and the laboratory report and chain-of-custody are included in Attachment D.

Indoor Air and Sub-Slab Vapor Analytical Results

Several VOCs were detected in the indoor air and sub-slab vapor samples. Sub-slab sample VP-1 (installed within the footprint of the former dry cleaning machine) contained PCE and trichloroethene (TCE) above their respective sub-slab Vapor Risk Screening Levels (VRSLs) for small and large commercial/industrial buildings. However, no VOCs were detected above a Vapor Action Level (VAL) in the indoor air sample collected from the former Lakeside lease space. The indoor air and sub-slab vapor analytical results are summarized in Table 3, and the laboratory report and chain-of-custody are included in Attachment E.

Conclusions and Recommendations

VOC-impacted soil above the NR Ch. 720 soil to groundwater RCLs was identified within the Former Lakeside lease space (B-1 through B-4), and in several exterior borings (GP-2 and MW-1). However, VOCs were not detected in the groundwater samples collected from the three monitoring wells. This could indicate that the VOC impacts identified in the soil may not have leached to the groundwater, or that the wells are not located downgradient of the former dry cleaning machine. To further evaluate the soil to groundwater pathway, Giles recommends installing a groundwater monitoring well within the former Lakeside lease space near the former dry cleaning machine, and collecting groundwater samples from the new and previously installed monitoring wells.

The indoor air sample collected within the former Lakeside lease space did not contain VOCs above a VAL. However, the sub-slab vapor sample collected near the former dry cleaning machine contained PCE and TCE above the VRSL for small and large commercial/industrial

properties. To define the extent of the VOC-impacted sub-slab vapor, Giles recommends installing additional vapor points within the former Lakeside lease space and within the adjoining north and south lease spaces.

CLOSING

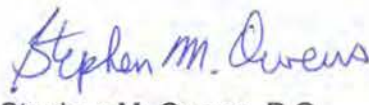
If there are any questions regarding the information contained herein, please contact the undersigned at your convenience.

Sincerely,

GILES ENGINEERING ASSOCIATES, INC.



Kelly M. Hayden
Environmental Scientist II



Stephen M. Owens, P.G.
Project Manager

FIGURES

Figure 1	Site Location Map
Figure 2	Site Map
Figure 3	Detailed Site Map

TABLES

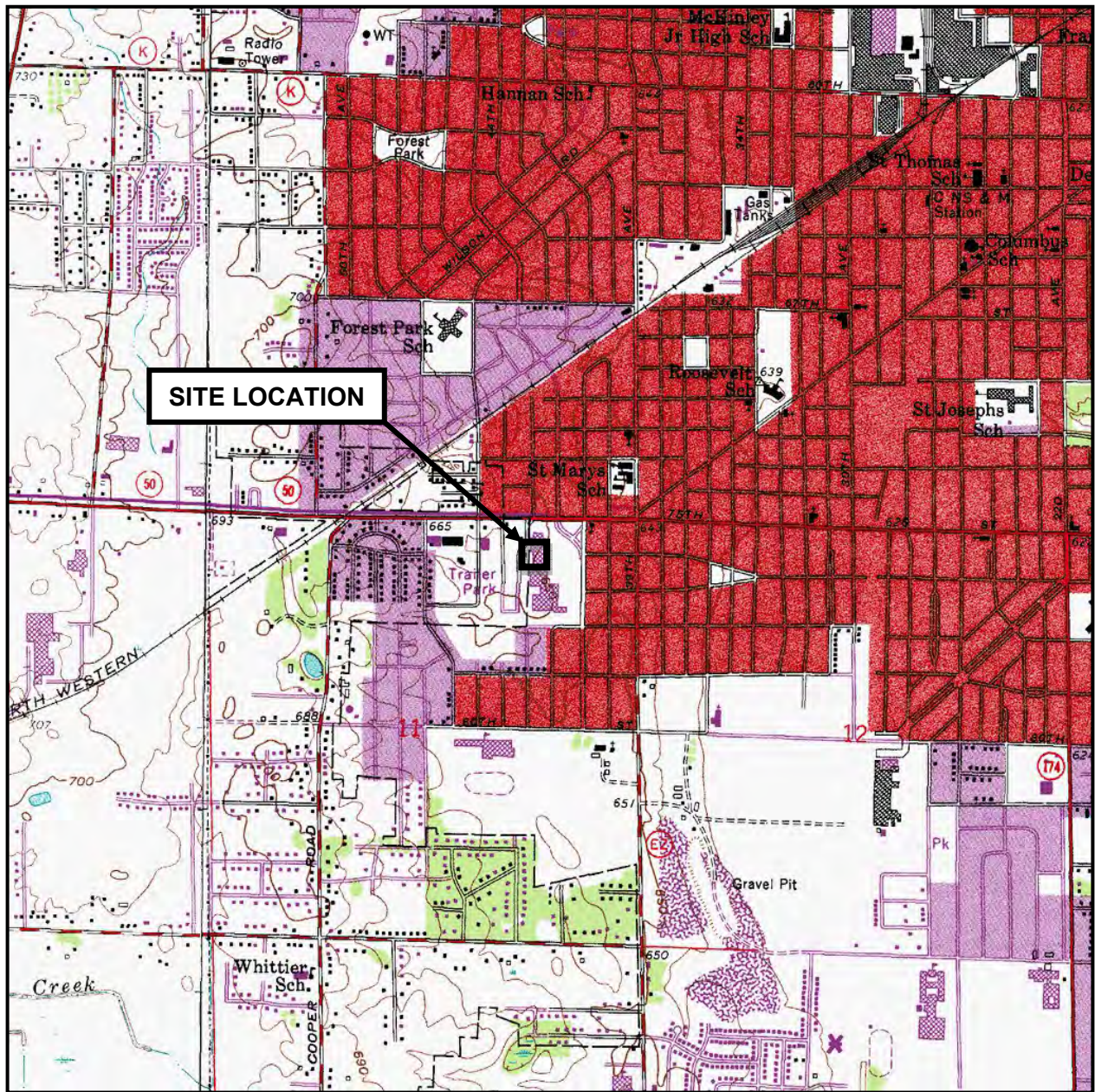
Table 1	Soil Analytical Results
Table 2	Groundwater Analytical Results
Table 3	Indoor Air and Sub-Slab Vapor Analytical Results

ATTACHMENTS

Attachment A	Soil Boring Logs
Attachment B	Monitoring Well Construction and Development Forms
Attachment C	Soil Analytical Laboratory Report & Chain-of Custody Documentation
Attachment D	Groundwater Analytical Laboratory Report & Chain-of Custody Documentation
Attachment E	Indoor Air and Sub-Slab Vapor Analytical Laboratory Report & Chain-of Custody Documentation

Distribution: Wisconsin Department of Natural Resources
Attn: Ms. Jennifer Dorman (1 via USPS, 1 via email:
Jennifer.Dorman@wisconsin.gov)
Jomblee, Inc.
Attn: Mr. Robert Reuschlein (1 via email: bobreuschlein@gmail.com)
* KRT, LLC
Attn: Ms. Carlee Beier (1 via email: cbeier@ener-con.com)
Ms. Alicia Hurst Alexander (1 via email: ahurst@ener-con.com)

Figures



Source: USGS *Kenosha, Wisconsin* 7.5-Minute Series (topographic) Quadrangle Map (1958, revised 1971)

Scale: 1:24,000
 Contour Interval: 10 Feet



FIGURE 1
SITE LOCATION MAP

Pershing Plaza Shopping Center
Former Lakeside Cleaners
7536 Pershing Boulevard
Kenosha, Wisconsin
Project No. 1E-1902007

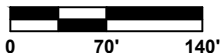


GILES
 ENGINEERING ASSOCIATES, INC.



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

FIGURE 2
OVERALL SITE MAP
PERSHING PLAZA SHOPPING CENTER
(FORMER LAKESIDE CLEANERS)
7536 PERSHING BOULEVARD
KENOSHA, WISCONSIN



APPROXIMATE
SCALE











NOTES:

- 1.) BASE MAP DEVELOPED FROM A 2018 AERIAL.

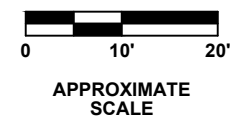
DESIGNED	DRAWN	SCALE	DATE	REVISED
SMO	<i>Gild</i>	approx. 1'=140'	08-19-19	--
PROJECT NO.: 1E-1902007			CAD No. 1E1902007A	

LEGEND:

	MW-1 GROUNDWATER MONITORING WELL
	VP-1 SUB-SLAB VAPOR POINT
	IA-1 INDOOR AIR SAMPLE
	B-4 SOIL BORING
	B-1 PREVIOUS HAND AUGER (BY SIGMA GROUP)
	GP-1 PREVIOUS GEOPROBE SOIL BORING (BY SIGMA GROUP)
	FIRE HYDRANT
	BM BENCHMARK: TOP OF FIRE HYDRANT. ASSUMED ELEVATION = 100.0'



NOTES:
 1.) EXISTING FEATURES ARE APPROXIMATE BASED ON AERIAL PHOTOGRAPHY AND FIELD OBSERVATIONS.



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

FIGURE 3
 DETAILED SITE PLAN
 PERSHING PLAZA SHOPPING CENTER
 (FORMER LAKESIDE CLEANERS)
 7536 PERSHING BOULEVARD
 KENOSHA, WISCONSIN

DESIGNED	DRAWN	SCALE	DATE	REVISED
SMO/KMH	<i>Jed</i>	approx. 1"=20'	10-08-19	--
PROJECT NO.: 1E-1902007			CAD No. 1E1902007C2	

Tables

TABLE 1
SOIL ANALYTICAL RESULTS
Pershing Plaza Shopping Center
(Former Lakeside Cleaners Lease Space)
7536 Pershing Plaza Boulevard
Kenosha, Wisconsin
BRRTS # 02-30-582211
Project Number 1E-1902007

Sample Location	B-1*	B-2*	B-3*	GP-1*		GP-2*		GP-3*		GP-4*		NR 720 RCLs ¹ (mg/kg)		
Sample Depth (feet)	3-4	3-4	3-4	2-4	8-10	0-2	10-12	2-4	10-12	2-4	10-12	Soil to Groundwater Pathway	Direct Contact ²	
Sample Date	3/14/18	3/14/18	3/14/18	3/14/18	3/14/18	3/14/18	3/14/18	3/14/18	3/14/18	3/14/18	3/14/18		Non-Industrial Land Use	Industrial Land Use
Saturated/Unsaturated	--	--	--	--	--	--	--	--	--	--	--			
PID (instrument units)	--	--	--	--	--	--	--	--	--	--	--			
Detected VOCs (mg/kg)														
Tetrachloroethene	<u>15.9</u>	<u>2.63</u>	<u>1.01</u>	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	0.0045	33	145
Trichloroethene	<u>0.127 J</u>	<u>0.43</u>	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	0.0036	1.3	8.41
Vinyl chloride	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<u>0.0228 J</u>	<0.019	<0.019	<0.019	<0.019	0.0001	0.067	2.08

Notes:

¹Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels were obtained from the Wisconsin Department of Natural Resources (WDNR) spreadsheet, last updated December 2018

²Direct Contact RCLs only apply to soil samples collected within four feet of the ground surface

*Samples were collected by The Sigma Group

RCL: Residual Contaminant Level

PID: Photoionization Detector

VOCs: Volatile Organic Compounds

mg/kg: Milligrams per kilogram; equivalent to parts per million (ppm)

-- : Not Analyzed

J: Result is less than the reporting limit but greater than or equal to the method detection limit, therefore the concentration is an approximate value

B: Compound detected in the sample and the laboratory method blank

NS: No Standard Established

<xx.x: Result detected below the method detection limit of x

xx.x: Underlined results exceed the NR 720 RCL for the Soil to Groundwater Pathway

(xx.x): Parenthesized results exceed the NR 720 RCL for Non-Industrial Direct Contact

[xx.x]: Bracketed results exceed the NR 720 RCL for Industrial and Non-Industrial Direct Contact

TABLE 1
SOIL ANALYTICAL RESULTS
Pershing Plaza Shopping Center
(Former Lakeside Cleaners Lease Space)
7536 Pershing Plaza Boulevard
Kenosha, Wisconsin
BRRTS # 02-30-582211
Project Number 1E-1902007

Sample Location	B-4		MW-1		MW-2		MW-3		NR 720 RCLs ¹ (mg/kg)		
Sample Depth (feet)	0-2	8-10	0-2	6-8	0-2	6-8	2-4	6-8	Soil to Groundwater Pathway	Direct Contact ²	
Sample Date	7/25/19	7/25/19	7/25/19	7/25/19	7/25/19	7/25/19	7/25/19	7/25/19		Non-Industrial Land Use	Industrial Land Use
Saturated/Unsaturated	U	U	U	S	U	S	U	U			
PID (instrument units)	244	7.3	3.3	2.8	1.7	2.0	1.9	3.5			
Detected VOCs (mg/kg)											
Tetrachloroethene	<u>6.0</u>	<0.032	<u>0.189</u>	<0.032	<0.032	<0.032	<0.032	<0.032	0.0045	33	145
Trichloroethene	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	0.0036	1.3	8.41
Vinyl chloride	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	0.0001	0.067	2.08

Notes:

¹Wisconsin Administrative Code Natural Resources Chapter (NR) 720 Residual Contaminant Levels were obtained from the Wisconsin Department of Natural Resources (WDNR) spreadsheet, last updated December 2018

²Direct Contact RCLs only apply to soil samples collected within four feet of the ground surface

*Samples were collected by The Sigma Group

RCL: Residual Contaminant Level

PID: Photoionization Detector

VOCs: Volatile Organic Compounds

mg/kg: Milligrams per kilogram; equivalent to parts per million (ppm)

-- : Not Analyzed

J: Result is less than the reporting limit but greater than or equal to the method detection limit, therefore the concentration is an approximate value

B: Compound detected in the sample and the laboratory method blank

NS: No Standard Established

<xx.x: Result detected below the method detection limit of x

xx.x: Underlined results exceed the NR 720 RCL for the Soil to Groundwater Pathway

(xx.x): Parenthesized results exceed the NR 720 RCL for Non-Industrial Direct Contact

[xx.x]: Bracketed results exceed the NR 720 RCL for Industrial and Non-Industrial Direct Contact

**TABLE 2
GROUNDWATER ANALYTICAL RESULTS**

Pershing Plaza Shopping Center
(Former Lakeside Cleaners Lease Space)
7536 Pershing Plaza Boulevard
Kenosha, Wisconsin
Project Number 1E-1901008

Analyte	Sample Location			NR 140 ¹ (µg/L)	
	MW-1	MW-2	MW-3	PAL	ES
Sample Date	8/2/19	8/2/19	8/2/19		
VOCs (µg/L)	ND	ND	ND	Various	Various

Notes:

¹Wisconsin Administrative Code Natural Resources Chapter (NR) 140

PAL: Preventive Action Limit

ES: Enforcement Standard

VOCs: Volatile Organic Compounds

µg/L: Micrograms per Liter; equivalent to parts per billion (ppb)

ND: Not Detected

**TABLE 3
SUB-SLAB VAPOR AND INDOOR AIR ANALYTICAL RESULTS**

Pershing Plaza Shopping Center
(Former Lakeside Cleaners Lease Space)
7536 Pershing Plaza Boulevard
Kenosha, Wisconsin
Project Number 1E-1901008

Analyte	Indoor Air Sample	Indoor Air VAL ¹ (µg/m ³)			Sub-Slab Sample	Sub-Slab Vapor VRSL ² (µg/m ³)		
		Land Use				Land Use		
Sample Date	IA-1	Residential	Small Commercial	Large Commercial / Industrial	VP-1	Residential	Small Commercial	Large Commercial / Industrial
	7/25/2019*				7/26/2019			
Detected Select VOCs (µg/m³)								
1,2-Dichloroethane	0.243 J	1.1	4.7	4.7	<2.4	37	160	470
1,1-Dichloroethene	<0.21	210	880	880	13.1	7,000	29,000	88,000
1,2-Dichloroethene, cis-	<0.197	NS	NS	NS	23.4	NS	NS	NS
1,2-Dichloroethene, trans-	<0.231	NS	NS	NS	69	NS	NS	NS
Tetrachloroethene	17	42	180	180	[620,000]	1,400	6,000	18,000
Trichloroethene	0.59 J	2.1	8.8	8.8	[13,600]	70	290	880

Notes:

VAL: Vapor Action Level

VRSL: Vapor Risk Screening Level

VOCs: Volatile Organic Compounds

µg/m³: Micrograms per cubic meter

J: Concentration reported between the laboratory method detection limit and the reporting limit.

[xx.x]: Result exceeds the sub-slab VRSL for Residential, Small Commercial, and Large Commercial/Industrial land uses

NS: No Established Standard

*The indoor air sample was collected over 24 hours beginning at 9 am on 7/25/19

¹VALs are obtained from the Wisconsin Vapor Quick Look-Up Table or calculated from the United States Environmental Protection Agency (USEPA)

Vapor Intrusion Screening Levels (VISLs) calculator spreadsheet. The VALs are based on a Target Risk for Carcinogens of 1×10^{-5} and a Target Hazard Quotient for Non-Carcinogens of 1.

²VRSLs are calculated by dividing the VAL by the appropriate attenuation factor. For Residential and Small Commercial land use, an attenuation factor of 0.03 is applied. For Large Commercial or Industrial land use, an attenuation factor of 0.01 is applied.

Attachment A

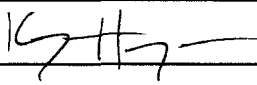
Soil Boring Logs

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

Facility/Project Name Pershing Plaza Shopping Center (Former Lakeside Cleaners)			License/Permit/Monitoring Number		Boring Number B-4	
Boring Drilled By (Firm name and name of crew chief) 1E-1902007 James Blair, Giles Engineering Associates			Date Drilling Started 7/25/2019		Date Drilling Completed 7/25/2019	
Drilling Method Direct Push			Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Borehole Diameter 2.0 Inches
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/>) State Plane S/C/N			Lat. _____"		Local Grid Location (If applicable)	
NE 1/4 of NE 1/4 of Section 11, T 1 N, R 22 E			Long. _____"		Feet <input type="checkbox"/> N <input type="checkbox"/> E Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Kenosha		County Code 30	Civil Town/City/ or Village Kenosha	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	48/48		1	4" Concrete Slab	Concrete									
			2	Brown and Dark Brown Silty Clay with trace fine Gravel-Moist	CL			244						
			3	Brown Silty Clay with trace fine Gravel to coarse Sand and trace Gray mottling-Moist				87.2						
DP-2	48/48		4											
			5						10.1					
			6		CL				19.6					
DP-3	48/48		7											
			8											
			9	Color became Gray-Brown with Brown mottling					7.3					
			10	Color became Gray, no mottling										
			11											
			12	Boring terminated at 12 feet below ground surface.										

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

Signature  Firm **Giles Engineering Associates, Inc.** Tel: 262-544-0118
N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186 Fax: 262-549-5868


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

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

Facility/Project Name Pershing Plaza Shopping Center (Former Lakeside Cleaners)			License/Permit/Monitoring Number		Boring Number MW-1	
Boring Drilled By (Firm name and name of crew chief) 1E-1902007 James Blair, Giles Engineering Associates			Date Drilling Started 7/25/2019		Date Drilling Completed 7/25/2019	
Drilling Method Direct Push			Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Borehole Diameter 2.0 Inches
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/>) State Plane S/C/N			Lat. ° ' "		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 11, T 1 N, R 22 E			Long. ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Kenosha		County Code 30	Civil Town/City/ or Village Kenosha	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/42		1	3" Asphalt	Asphalt									
			2	Brown fine Sand with trace to little fine to coarse Gravel (Fill)-Wet to 3.5 feet, then Moist	SP				3.3					
DP-2	60/60		3						0.1					
			4	Brown Silty Clay with trace coarse Sand and trace Brown mottling-Moist					2.2					
DP-3	36/36		5	Color became Gray-Brown and no mottling present					2.8					
			6	Color became Gray	CL				2.0					
			7						1.7					
			8						2.0					
			9						1.7					
			10						1.7					
			11						1.7					
			12						1.7					
			13	2" Seam of Gray medium Sand with trace coarse Sand to fine Gravel-Wet					1.7					
				Boring terminated at 13 feet below ground surface. Set well with 10 feet of screen.										

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

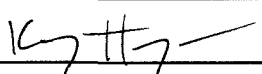
Signature  Firm **Giles Engineering Associates, Inc.**
N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186
Tel: 262-544-0118 Fax: 262-549-5868

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

Facility/Project Name Pershing Plaza Shopping Center (Former Lakeside Cleaners)			License/Permit/Monitoring Number		Boring Number MW-2	
Boring Drilled By (Firm name and name of crew chief) 1E-1902007 James Blair, Giles Engineering Associates			Date Drilling Started 7/25/2019		Date Drilling Completed 7/25/2019	
Drilling Method Direct Push			Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Borehole Diameter 2.0 Inches
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/>) State Plane NE 1/4 of NE 1/4 of Section 11, T 1 N, R 22 E			Local Grid Location (If applicable) Lat. _____ ' _____ " _____" Long. _____ ' _____ " _____"		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Kenosha		County Code 30		Civil Town/City/ or Village Kenosha

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/37.2		1	3" Asphalt	SP			1.7						
			2	2" Brown fine Sand with trace coarse Sand (Fill)-Wet										
DP-2	60/60		3	Brown Silty Clay with trace fine Gravel, trace coarse Sand and trace Gray mottling-Moist	CL			1.7						
			4											
DP-3	60/48		5	Color became Gray at 9.5 feet				1.6						
			6											
DP-3	60/48		7					2.0						
			8											
DP-3	60/48		9					1.3						
			10											
DP-3	60/48		11					2.4						
			12											
DP-3	60/48		13					2.4						
			14											
DP-3	60/48		15	Boring terminated at 15 feet below ground surface. Set well at 14 feet below ground surface with 10 feet of screen.				2.5						

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

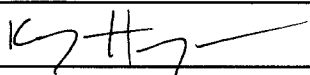
Signature 	Firm Giles Engineering Associates, Inc. N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186	Tel: 262-544-0118 Fax: 262-549-5868
--	--	--

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

Facility/Project Name Pershing Plaza Shopping Center (Former Lakeside Cleaners)			License/Permit/Monitoring Number		Boring Number MW-3		
Boring Drilled By (Firm name and name of crew chief) 1E-1902007 James Blair, Giles Engineering Associates			Date Drilling Started 7/25/2019		Date Drilling Completed 7/25/2019		
Drilling Method Direct Push			Final Static Water Level Feet MSL		Surface Elevation Feet MSL		
WI Unique Well No.		DNR Well ID No.	Common Well Name		Borehole Diameter 2.0 Inches		
Boring Location or Local Grid Origin (Check if estimated: <input type="checkbox"/>) State Plane NE 1/4 of NE 1/4 of Section 11 , T 1 N, R 22 E			Lat. ° ' "		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID		County Kenosha		County Code 30		Civil Town/City/ or Village Kenosha	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
DP-1	60/60			1	3" Asphalt	Asphalt									
				2	6" Brown medium Sand with little coarse Sand (Fill)-Moist	SP			2.0						
				3	Brown Silty fine Sand with trace fine Gravel-Dry										
DP-2	60/60			4	Brown Silt and Clay grading to Clay and Silt with trace fine Gravel and trace Brown mottling-Moist	ML			1.9						
				5	Gray Silty Clay with trace coarse Sand and fine Gravel and trace lenses of Silty fine Sand-Moist				2.3						
				6		CL			3.5						
DP-3	36/36			7					3.6						
				8	Gray Silt and Clay-Moist	ML									
				9	Gray Clayey Silt with trace coarse Sand to fine Gravel-Moist	CL-ML									
				10	Gray Silty Clay with trace coarse Sand to fine Gravel-Moist	CL			2.8						
				11					2.8						
				12					2.8						
				13	Boring terminated at 13 feet below ground surface. Set well with 10 feet of screen.				2.8						

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

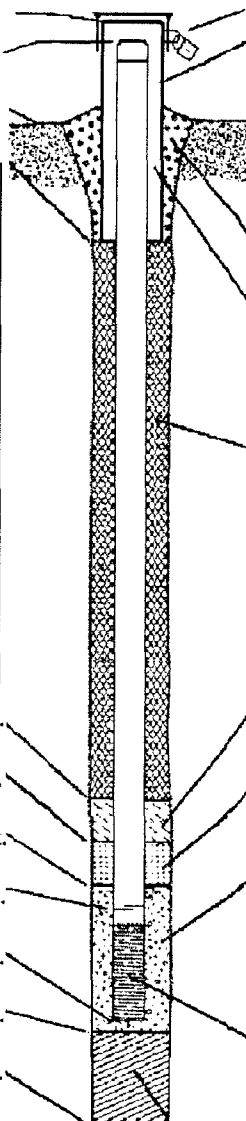
Signature  Firm **Giles Engineering Associates, Inc.**
N8 W22350 Johnson Drive Suite A1 Waukesha, WI 53186
Tel: 262-544-0118 Fax: 262-549-5868

Attachment B

**Monitoring Well Construction and
Development Forms**

Facility/Project Name Pershing Plaza Shopping Center Former Lakeside Cleaners	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name MW-1
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or _____	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID 230007690	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed 07 / 25 / 2019 m m d d y y y y
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. 11, T. 1 N, R. 22 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm James Blair
Distance from Waste/Source _____ ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Giles Engineering Associates, Inc

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in.
C. Land surface elevation _____ ft. MSL	b. Length: _____ ft.
D. Surface seal, bottom _____ ft. MSL or 1.0 ft.	c. Material: Steel <input checked="" type="checkbox"/> 0 4 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input type="checkbox"/> 3 0 Concrete <input checked="" type="checkbox"/> 0 1 Other <input type="checkbox"/>
14. Drilling method used: Rotary <input type="checkbox"/> 5 0 Hollow Stem Auger <input type="checkbox"/> 4 1 Direct-Push <input checked="" type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 3 0 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1 Drilling Mud <input type="checkbox"/> 0 3 None <input checked="" type="checkbox"/> 9 9	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 3 3 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 3 5 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 3 1 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 5 0 e. _____ Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 0 1 Tremie pumped <input type="checkbox"/> 0 2 Gravity <input checked="" type="checkbox"/> 0 8
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 3 3 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 3 2 c. _____ Other <input type="checkbox"/>
17. Source of water (attach analysis, if required): _____	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
E. Bentonite seal, top _____ ft. MSL or 1 ft.	8. Filter pack material: Manufacturer, product name & mesh size a. Monoflex pre-pak 20 x 40 silica sand b. Volume added 0.02 ft ³
F. Fine sand, top _____ ft. MSL or 2 ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 2 3 Flush threaded PVC schedule 80 <input type="checkbox"/> 2 4 Other <input type="checkbox"/>
G. Filter pack, top _____ ft. MSL or 3 ft.	10. Screen material: PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 1 1 Continuous slot <input type="checkbox"/> 0 1 Other <input type="checkbox"/>
H. Screen joint, top _____ ft. MSL or 3 ft.	b. Manufacturer Monoflex c. Slot size: 0.01 in. d. Slotted length: 10 ft.
I. Well bottom _____ ft. MSL or 13 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 1 4 Other <input type="checkbox"/>
J. Filter pack, bottom _____ ft. MSL or 13 ft.	
K. Borehole, bottom _____ ft. MSL or 13 ft.	
L. Borehole, diameter 3 in.	
M. O.D. well casing 1.7 in.	
N. I.D. well casing 1.0 in.	



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

Signature: *[Handwritten Signature]* Firm: Giles Engineering Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Pershing Plaza Shopping Center Former Lakeside Cleaners	County Name Waukesha	Well Name MW-1	
Facility License, Permit or Monitoring Number	County Code 68	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? Yes No

2. Well development method
- surged with bailer and bailed 4 1
 - surged with bailer and pumped 6 1
 - surged with block and bailed 4 2
 - surged with block and pumped 6 2
 - surged with block, bailed and pumped 7 0
 - compressed air 2 0
 - bailed only 1 0
 - pumped only 5 1
 - pumped slowly 5 0
 - Other _____

3. Time spent developing well 55 min.

4. Depth of well (from top of well casing) 13 ft.

5. Inside diameter of well 0.75 in.

6. Volume of water in filter pack and well casing 0.33 gal.

7. Volume of water removed from well 3.5 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

17. Additional comments on development:

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>5.44</u> ft.	<u>11.71</u> ft.
Date	b. <u>07</u> / <u>30</u> / <u>2019</u>	<u>07</u> / <u>30</u> / <u>2019</u>
	m m d d y y y y	m m d d y y y y
Time	c. <u>2:10</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>2:55</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.

12. Sediment in well bottom _____ inches _____ inches

13. Water clarity

Clear <input type="checkbox"/> 1 0	Clear <input checked="" type="checkbox"/> 2 0
Turbid <input checked="" type="checkbox"/> 1 5	Turbid <input type="checkbox"/> 2 5
(Describe) <u>opaque brown</u>	(Describe) <u>clear</u>

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids _____ mg/l _____ mg/l

15. COD _____ mg/l _____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Kelly Last Name: Hayden
Firm: Giles Engineering Associates, Inc.

Name and Address of Facility Contact /Owner/Responsible Party

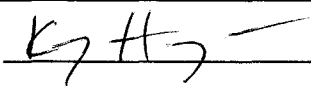
First Name: _____ Last Name: _____

Facility/Firm: Jomblee Inc

Street: 4930 Ascot Lane

City/State/Zip: Madison, WI 53711

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

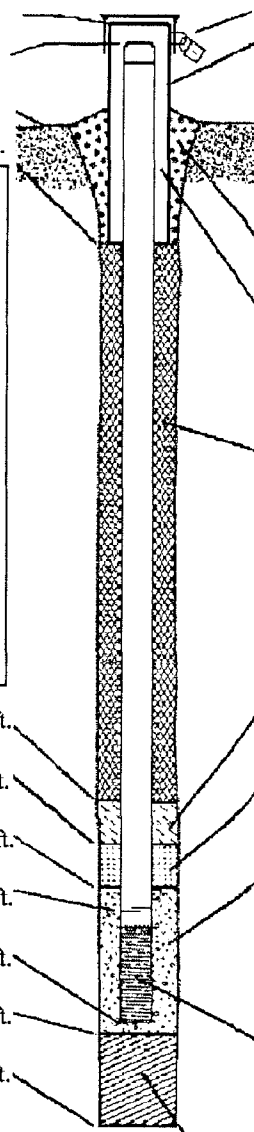
Signature: 

Print Name: Kelly Hayden

Firm: Giles Engineering Associates, Inc.

Facility/Project Name Pershing Plaza Shopping Center Former Lakeside Cleaners	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name MW-2
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ "	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID 230007690	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed 07 / 25 / 2019 m m d d y y y y
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. 11, T. 1 N, R. 22 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm James Blair
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Giles Engineering Associates, Inc
	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation _____ ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ ft.	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Direct-Push <input checked="" type="checkbox"/>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	8. Filter pack material: Manufacturer, product name & mesh size a. Monoflex pre-pak 20 x 40 silica sand b. Volume added 0.02 ft ³
17. Source of water (attach analysis, if required): _____	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or _____ ft.	10. Screen material: PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or _____ ft.	b. Manufacturer Monoflex c. Slot size: 0.01 in. d. Slotted length: 10 ft.
G. Filter pack, top _____ ft. MSL or _____ ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top _____ ft. MSL or _____ ft.	
I. Well bottom _____ ft. MSL or _____ ft.	
J. Filter pack, bottom _____ ft. MSL or _____ ft.	
K. Borehole, bottom _____ ft. MSL or _____ ft.	
L. Borehole, diameter _____ in.	
M. O.D. well casing _____ in.	
N. I.D. well casing _____ in.	



I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature [Signature] Firm Giles Engineering Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Pershing Plaza Shopping Center Former Lakeside Cleaners	County Name Waukesha	Well Name MW-2	
Facility License, Permit or Monitoring Number	County Code 68	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? Yes No

2. Well development method

- surged with bailer and bailed 4 1
- surged with bailer and pumped 6 1
- surged with block and bailed 4 2
- surged with block and pumped 6 2
- surged with block, bailed and pumped 7 0
- compressed air 2 0
- bailed only 1 0
- pumped only 5 1
- pumped slowly 5 0
- Other

3. Time spent developing well 60 min.

4. Depth of well (from top of well casing) 14 ft.

5. Inside diameter of well 0.75 in.

6. Volume of water in filter pack and well casing 0.43 gal.

7. Volume of water removed from well 3.5 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

11. Depth to Water Before Development After Development

(from top of well casing) a. 4.25 ft. 12.66 ft.

Date b. 07 / 30 / 2019 07 / 30 / 2019
m m d d y y y y m m d d y y y y

Time c. 12:55 a.m. 1:55 p.m. a.m. p.m.

12. Sediment in well bottom _____ inches _____ inches

13. Water clarity Clear 1 0 Clear 2 0
Turbid 1 5 Turbid 2 5
(Describe) (Describe)
opaque brown clear

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids _____ mg/l _____ mg/l

15. COD _____ mg/l _____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Kelly Last Name: Hayden

Firm: Giles Engineering Associates, Inc.

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

First Name: _____ Last Name: _____

Facility/Firm: Jomblee Inc

Street: 4930 Ascot Lane

City/State/Zip: Madison, WI 53711

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

Signature: [Signature]

Print Name: Kelly Hayden

Firm: Giles Engineering Associates, Inc.

Facility/Project Name Pershing Plaza Shopping Center Former Lakeside Cleaners	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name MW-3
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ "	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID 230007690	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed 07 / 25 / 2019 m m d d y y v v y
Type of Well Well Code 11 / mw	Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. 11, T. 1 N, R. 22 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm James Blair
Distance from Waste/Source _____ ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Giles Engineering Associates, Inc
Enf. Stds. Apply <input type="checkbox"/>	Gov. Lot Number _____	

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input checked="" type="checkbox"/> 0 4 Other <input type="checkbox"/>
C. Land surface elevation _____ ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or 1.0 ft.	3. Surface seal: Bentonite <input type="checkbox"/> 3 0 Concrete <input checked="" type="checkbox"/> 0 1 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 3 0 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 3 3 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 3 5 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 3 1 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 5 0 e. _____ Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 0 1 Tremie pumped <input type="checkbox"/> 0 2 Gravity <input checked="" type="checkbox"/> 0 8
14. Drilling method used: Rotary <input type="checkbox"/> 5 0 Hollow Stem Auger <input type="checkbox"/> 4 1 Direct-Push <input checked="" type="checkbox"/>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 3 3 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 3 2 c. _____ Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1 Drilling Mud <input type="checkbox"/> 0 3 None <input checked="" type="checkbox"/> 9 9	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	8. Filter pack material: Manufacturer, product name & mesh size a. Monoflex pre-pak 20 x 40 silica sand b. Volume added 0.02 ft ³
17. Source of water (attach analysis, if required): _____	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 2 3 Flush threaded PVC schedule 80 <input type="checkbox"/> 2 4 Other <input type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or 1 ft.	10. Screen material: PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 1 1 Continuous slot <input type="checkbox"/> 0 1 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or 2 ft.	b. Manufacturer Monoflex c. Slot size: 0.01 in. d. Slotted length: 10 ft.
G. Filter pack, top _____ ft. MSL or 3 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 1 4 Other <input type="checkbox"/>
H. Screen joint, top _____ ft. MSL or 3 ft.	
I. Well bottom _____ ft. MSL or 13 ft.	
J. Filter pack, bottom _____ ft. MSL or 13 ft.	
K. Borehole, bottom _____ ft. MSL or 13 ft.	
L. Borehole, diameter 3 in.	
M. O.D. well casing 1.7 in.	
N. I.D. well casing 1.0 in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature [Signature] Firm Giles Engineering Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Pershing Plaza Shopping Center Former Lakeside Cleaners	County Name Waukesha	Well Name MW-3	
Facility License, Permit or Monitoring Number	County Code 68	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? Yes No

2. Well development method
- surged with bailer and bailed 4 1
 - surged with bailer and pumped 6 1
 - surged with block and bailed 4 2
 - surged with block and pumped 6 2
 - surged with block, bailed and pumped 7 0
 - compressed air 2 0
 - bailed only 1 0
 - pumped only 5 1
 - pumped slowly 5 0
 - Other _____

3. Time spent developing well 15 min.

4. Depth of well (from top of well casing) 12.96 ft.

5. Inside diameter of well 0.75 in.

6. Volume of water in filter pack and well casing 0.21 gal.

7. Volume of water removed from well 0.5 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

17. Additional comments on development:

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>8.27</u> ft.	<u>12.96</u> ft.
Date	b. <u>07 / 30 / 2019</u> m m d d y y y y	<u>07 / 30 / 2019</u> m m d d y y y y
Time	c. <u>3:55</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>3:15</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input checked="" type="checkbox"/> 1 0 Turbid <input type="checkbox"/> 1 5 (Describe)	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe)
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Kelly Last Name: Hayden
Firm: Giles Engineering Associates, Inc.

Name and Address of Facility Contact /Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: Jomblee Inc
Street: 4930 Ascot Lane
City/State/Zip: Madison, WI 53711

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

Signature: [Signature]
Print Name: Kelly Hayden
Firm: Giles Engineering Associates, Inc.

Attachment C

Soil Analytical Laboratory Report & Chain-of-Custody Documentation

Synergy Environmental Lab, INC

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

STEVE OWENS
GILES ENGINEERING
N8 W22350 JOHNSON DRIVE
WAUKESHA, WI 53186

Report Date 08-Aug-19

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545A
Sample ID MW-1 0-2
Sample Matrix Soil
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.8	%			1	5021		7/30/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		8/3/2019	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		8/3/2019	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		8/3/2019	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		8/3/2019	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		8/3/2019	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/3/2019	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		8/3/2019	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		8/3/2019	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		8/3/2019	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		8/3/2019	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		8/3/2019	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		8/3/2019	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		8/3/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		8/3/2019	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/3/2019	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/3/2019	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/3/2019	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		8/3/2019	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		8/3/2019	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		8/3/2019	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		8/3/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545A
Sample ID MW-1 0-2
Sample Matrix Soil
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		8/3/2019	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		8/3/2019	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/3/2019	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		8/3/2019	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		8/3/2019	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		8/3/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		8/3/2019	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		8/3/2019	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		8/3/2019	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		8/3/2019	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		8/3/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		8/3/2019	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		8/3/2019	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/3/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		8/3/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		8/3/2019	CJR	1
Tetrachloroethene	0.189	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		8/3/2019	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		8/3/2019	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		8/3/2019	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		8/3/2019	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		8/3/2019	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		8/3/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		8/3/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		8/3/2019	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		8/3/2019	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		8/3/2019	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		8/3/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	105	Rec %			1	8260B		8/3/2019	CJR	1
SUR - 4-Bromofluorobenzene	92	Rec %			1	8260B		8/3/2019	CJR	1
SUR - Dibromofluoromethane	98	Rec %			1	8260B		8/3/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545B
Sample ID MW-1 6-8
Sample Matrix Soil
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.3	%			1	5021		7/30/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		8/3/2019	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		8/3/2019	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		8/3/2019	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		8/3/2019	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		8/3/2019	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/3/2019	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		8/3/2019	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		8/3/2019	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		8/3/2019	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		8/3/2019	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		8/3/2019	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		8/3/2019	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		8/3/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		8/3/2019	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/3/2019	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/3/2019	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/3/2019	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		8/3/2019	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		8/3/2019	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		8/3/2019	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		8/3/2019	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		8/3/2019	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		8/3/2019	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/3/2019	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		8/3/2019	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		8/3/2019	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		8/3/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		8/3/2019	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		8/3/2019	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		8/3/2019	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		8/3/2019	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		8/3/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		8/3/2019	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		8/3/2019	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/3/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		8/3/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		8/3/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545B
Sample ID MW-1 6-8
Sample Matrix Soil
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		8/3/2019	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		8/3/2019	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		8/3/2019	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		8/3/2019	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		8/3/2019	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		8/3/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		8/3/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		8/3/2019	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		8/3/2019	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		8/3/2019	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		8/3/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B		8/3/2019	CJR	1
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		8/3/2019	CJR	1
SUR - Dibromofluoromethane	94	Rec %			1	8260B		8/3/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545C
Sample ID MW-2 0-2
Sample Matrix Soil
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.8	%			1	5021		7/30/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		8/3/2019	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		8/3/2019	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		8/3/2019	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		8/3/2019	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		8/3/2019	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/3/2019	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		8/3/2019	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		8/3/2019	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		8/3/2019	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		8/3/2019	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		8/3/2019	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		8/3/2019	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		8/3/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		8/3/2019	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/3/2019	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/3/2019	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/3/2019	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		8/3/2019	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		8/3/2019	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		8/3/2019	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		8/3/2019	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		8/3/2019	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		8/3/2019	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/3/2019	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		8/3/2019	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		8/3/2019	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		8/3/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		8/3/2019	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		8/3/2019	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		8/3/2019	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		8/3/2019	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		8/3/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		8/3/2019	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		8/3/2019	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/3/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		8/3/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		8/3/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545C
Sample ID MW-2 0-2
Sample Matrix Soil
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		8/3/2019	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		8/3/2019	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		8/3/2019	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		8/3/2019	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		8/3/2019	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		8/3/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		8/3/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		8/3/2019	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		8/3/2019	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		8/3/2019	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B		8/3/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	103	Rec %			1	8260B		8/3/2019	CJR	1
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		8/3/2019	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		8/3/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545D
Sample ID MW-2 6-8
Sample Matrix Soil
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.6	%			1	5021		7/30/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		8/3/2019	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		8/3/2019	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		8/3/2019	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		8/3/2019	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		8/3/2019	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/3/2019	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		8/3/2019	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		8/3/2019	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		8/3/2019	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		8/3/2019	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		8/3/2019	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		8/3/2019	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		8/3/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		8/3/2019	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/3/2019	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/3/2019	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/3/2019	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		8/3/2019	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		8/3/2019	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		8/3/2019	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		8/3/2019	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		8/3/2019	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		8/3/2019	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/3/2019	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		8/3/2019	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		8/3/2019	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		8/3/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		8/3/2019	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		8/3/2019	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		8/3/2019	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		8/3/2019	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		8/3/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		8/3/2019	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		8/3/2019	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/3/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		8/3/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		8/3/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545D
Sample ID MW-2 6-8
Sample Matrix Soil
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		8/3/2019	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		8/3/2019	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		8/3/2019	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		8/3/2019	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		8/3/2019	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		8/3/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		8/3/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		8/3/2019	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		8/3/2019	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		8/3/2019	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		8/3/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		8/3/2019	CJR	1
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		8/3/2019	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B		8/3/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545E
Sample ID MW-3 2-4
Sample Matrix Soil
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.9	%			1	5021		7/30/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		8/3/2019	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		8/3/2019	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		8/3/2019	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		8/3/2019	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		8/3/2019	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/3/2019	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		8/3/2019	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		8/3/2019	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		8/3/2019	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		8/3/2019	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		8/3/2019	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		8/3/2019	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		8/3/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		8/3/2019	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/3/2019	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/3/2019	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/3/2019	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		8/3/2019	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		8/3/2019	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		8/3/2019	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		8/3/2019	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		8/3/2019	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		8/3/2019	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/3/2019	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		8/3/2019	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		8/3/2019	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		8/3/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		8/3/2019	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		8/3/2019	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		8/3/2019	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		8/3/2019	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		8/3/2019	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		8/3/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		8/3/2019	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		8/3/2019	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/3/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		8/3/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		8/3/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545E
Sample ID MW-3 2-4
Sample Matrix Soil
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		8/3/2019	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		8/3/2019	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		8/3/2019	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		8/3/2019	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		8/3/2019	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		8/3/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		8/3/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/3/2019	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		8/3/2019	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		8/3/2019	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		8/3/2019	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B		8/3/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	102	Rec %			1	8260B		8/3/2019	CJR	1
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		8/3/2019	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		8/3/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545F
Sample ID MW-3 6-8
Sample Matrix Soil
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.8	%			1	5021		7/30/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		8/6/2019	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		8/6/2019	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		8/6/2019	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		8/6/2019	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		8/6/2019	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/6/2019	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		8/6/2019	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		8/6/2019	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		8/6/2019	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		8/6/2019	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		8/6/2019	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		8/6/2019	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		8/6/2019	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		8/6/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		8/6/2019	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/6/2019	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/6/2019	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/6/2019	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		8/6/2019	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		8/6/2019	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		8/6/2019	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		8/6/2019	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		8/6/2019	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/6/2019	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		8/6/2019	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		8/6/2019	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/6/2019	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		8/6/2019	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		8/6/2019	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		8/6/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		8/6/2019	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		8/6/2019	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		8/6/2019	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		8/6/2019	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		8/6/2019	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		8/6/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		8/6/2019	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		8/6/2019	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/6/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		8/6/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		8/6/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545F
Sample ID MW-3 6-8
Sample Matrix Soil
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/6/2019	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/6/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		8/6/2019	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		8/6/2019	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		8/6/2019	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		8/6/2019	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		8/6/2019	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		8/6/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		8/6/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/6/2019	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		8/6/2019	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		8/6/2019	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		8/6/2019	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		8/6/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B		8/6/2019	CJR	1
SUR - 4-Bromofluorobenzene	104	Rec %			1	8260B		8/6/2019	CJR	1
SUR - Dibromofluoromethane	94	Rec %			1	8260B		8/6/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545G
Sample ID B-4 0-2
Sample Matrix Soil
Sample Date 7/26/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.6	%			1	5021		7/30/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		8/6/2019	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		8/6/2019	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		8/6/2019	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		8/6/2019	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		8/6/2019	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/6/2019	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		8/6/2019	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		8/6/2019	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		8/6/2019	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		8/6/2019	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		8/6/2019	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		8/6/2019	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		8/6/2019	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		8/6/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		8/6/2019	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/6/2019	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/6/2019	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/6/2019	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		8/6/2019	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		8/6/2019	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		8/6/2019	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		8/6/2019	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		8/6/2019	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/6/2019	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		8/6/2019	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		8/6/2019	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/6/2019	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		8/6/2019	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		8/6/2019	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		8/6/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		8/6/2019	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		8/6/2019	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		8/6/2019	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		8/6/2019	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		8/6/2019	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		8/6/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		8/6/2019	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		8/6/2019	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/6/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		8/6/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		8/6/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545G
Sample ID B-4 0-2
Sample Matrix Soil
Sample Date 7/26/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Tetrachloroethene	6.0	mg/kg	0.032	0.1	1	8260B		8/6/2019	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/6/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		8/6/2019	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		8/6/2019	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		8/6/2019	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		8/6/2019	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		8/6/2019	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		8/6/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		8/6/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/6/2019	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		8/6/2019	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		8/6/2019	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		8/6/2019	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		8/6/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	98	Rec %			1	8260B		8/6/2019	CJR	1
SUR - 4-Bromofluorobenzene	99	Rec %			1	8260B		8/6/2019	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		8/6/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545H
Sample ID B-4 8-10
Sample Matrix Soil
Sample Date 7/26/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.4	%			1	5021		7/30/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		8/6/2019	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		8/6/2019	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		8/6/2019	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		8/6/2019	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		8/6/2019	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/6/2019	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		8/6/2019	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		8/6/2019	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		8/6/2019	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		8/6/2019	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		8/6/2019	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		8/6/2019	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		8/6/2019	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		8/6/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		8/6/2019	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/6/2019	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/6/2019	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		8/6/2019	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		8/6/2019	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		8/6/2019	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		8/6/2019	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		8/6/2019	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		8/6/2019	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/6/2019	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		8/6/2019	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		8/6/2019	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		8/6/2019	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		8/6/2019	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		8/6/2019	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		8/6/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		8/6/2019	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		8/6/2019	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		8/6/2019	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		8/6/2019	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		8/6/2019	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		8/6/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		8/6/2019	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		8/6/2019	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		8/6/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		8/6/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		8/6/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36545

Lab Code 5036545H
Sample ID B-4 8-10
Sample Matrix Soil
Sample Date 7/26/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/6/2019	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/6/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		8/6/2019	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		8/6/2019	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		8/6/2019	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		8/6/2019	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		8/6/2019	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		8/6/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		8/6/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		8/6/2019	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		8/6/2019	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		8/6/2019	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		8/6/2019	CJR	1
SUR - Toluene-d8	98	Rec %			1	8260B		8/6/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	98	Rec %			1	8260B		8/6/2019	CJR	1
SUR - 4-Bromofluorobenzene	101	Rec %			1	8260B		8/6/2019	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		8/6/2019	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

1 Laboratory QC within limits.

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





Environmental Lab, Inc.

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

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around _____

Lab I.D. #
Account No.: Quote No.:
Project #: **IE-1902007**
Sampler: (signature) *[Signature]*

Project (Name / Location): **Pershing Plaza Kenosha WI**

Reports To: Steve Owens	Invoice To:
Company Giles Engineering	Company
Address N 8 W 22350 Johnson Dr	Address
City State Zip Waukesha WI 53186	City State Zip
Phone 262-544-0118	Phone
FAX	FAX

Analysis Requested													Other Analysis				PID/ FID		
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS						
												X							

Lab I.D.	Sample I.D.	Collection		Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID	
		Date	Time																						
S036545A	MW-1 0-2	7/25/19	1400		X		1	S	MeOH																
B	MW-1 6-8		1415																						
C	MW-2 0-2		1310																						
D	MW-2 6-8		1320																						
E	MW-3 2-4		1500																						
F	MW-3 6-8		1515																						
G	B-4 0-2	7/26/19	1040																						244
H	B-4 8-10		1050																						BDL

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

email report to: *scowens@gilesenr.com*
khayden@gilesenr.com

Sample Integrity - To be completed by receiving lab.

Method of Shipment: GE

Temp. of Temp. Blank °C On Ice:

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
-------------------------	------	------	---------------------	------	------

<i>[Signature]</i>	1535	7/26/19			
--------------------	------	---------	--	--	--

Received in Laboratory By: *[Signature]*

Time: **10:00**

Date: **7/27/19**

Attachment D

**Groundwater Analytical Laboratory Report &
Chain-of-Custody Documentation**

Synergy Environmental Lab, INC

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

STEVE OWENS
GILES ENGINEERING
N8 W22350 JOHNSON DRIVE
WAUKESHA, WI 53186

Report Date 09-Aug-19

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36579

Lab Code 5036579A
Sample ID MW-1
Sample Matrix Water
Sample Date 8/2/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		8/9/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		8/9/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		8/9/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		8/9/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		8/9/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		8/9/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		8/9/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		8/9/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		8/9/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		8/9/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		8/9/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		8/9/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		8/9/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		8/9/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		8/9/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		8/9/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		8/9/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		8/9/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		8/9/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		8/9/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		8/9/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		8/9/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		8/9/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		8/9/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		8/9/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36579

Lab Code 5036579A
Sample ID MW-1
Sample Matrix Water
Sample Date 8/2/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		8/9/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		8/9/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		8/9/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		8/9/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		8/9/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		8/9/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		8/9/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		8/9/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		8/9/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		8/9/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		8/9/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		8/9/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		8/9/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		8/9/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		8/9/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		8/9/2019	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		8/9/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		8/9/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		8/9/2019	CJR	1
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		8/9/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		8/9/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		8/9/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		8/9/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		8/9/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		8/9/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		8/9/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		8/9/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		8/9/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		8/9/2019	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		8/9/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		8/9/2019	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		8/9/2019	CJR	1
SUR - Dibromofluoromethane	105	REC %			1	8260B		8/9/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36579

Lab Code 5036579B
Sample ID MW-2
Sample Matrix Water
Sample Date 8/2/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		8/9/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		8/9/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		8/9/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		8/9/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		8/9/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		8/9/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		8/9/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		8/9/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		8/9/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		8/9/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		8/9/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		8/9/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		8/9/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		8/9/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		8/9/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		8/9/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		8/9/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		8/9/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		8/9/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		8/9/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		8/9/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		8/9/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		8/9/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		8/9/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		8/9/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		8/9/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		8/9/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		8/9/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		8/9/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		8/9/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		8/9/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		8/9/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		8/9/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		8/9/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		8/9/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		8/9/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		8/9/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		8/9/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		8/9/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		8/9/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		8/9/2019	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		8/9/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		8/9/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		8/9/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36579

Lab Code 5036579B
Sample ID MW-2
Sample Matrix Water
Sample Date 8/2/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		8/9/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		8/9/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		8/9/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		8/9/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		8/9/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		8/9/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		8/9/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		8/9/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		8/9/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		8/9/2019	CJR	1
SUR - Dibromofluoromethane	107	REC %			1	8260B		8/9/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	108	REC %			1	8260B		8/9/2019	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		8/9/2019	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		8/9/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36579

Lab Code 5036579C
Sample ID MW-3
Sample Matrix Water
Sample Date 8/2/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		8/9/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		8/9/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		8/9/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		8/9/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		8/9/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		8/9/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		8/9/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		8/9/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		8/9/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		8/9/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		8/9/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		8/9/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		8/9/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		8/9/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		8/9/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		8/9/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		8/9/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		8/9/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		8/9/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		8/9/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		8/9/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		8/9/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		8/9/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		8/9/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		8/9/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		8/9/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		8/9/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		8/9/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		8/9/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		8/9/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		8/9/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		8/9/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		8/9/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		8/9/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		8/9/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		8/9/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		8/9/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		8/9/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		8/9/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		8/9/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		8/9/2019	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		8/9/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		8/9/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		8/9/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36579

Lab Code 5036579C
Sample ID MW-3
Sample Matrix Water
Sample Date 8/2/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		8/9/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		8/9/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		8/9/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		8/9/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		8/9/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		8/9/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		8/9/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		8/9/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		8/9/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		8/9/2019	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		8/9/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	107	REC %			1	8260B		8/9/2019	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %			1	8260B		8/9/2019	CJR	1
SUR - Dibromofluoromethane	111	REC %			1	8260B		8/9/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36579

Lab Code 5036579D
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 8/2/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		8/9/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		8/9/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		8/9/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		8/9/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		8/9/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		8/9/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		8/9/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		8/9/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		8/9/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		8/9/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		8/9/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		8/9/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		8/9/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		8/9/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		8/9/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		8/9/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		8/9/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		8/9/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		8/9/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		8/9/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		8/9/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		8/9/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		8/9/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		8/9/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		8/9/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		8/9/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		8/9/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		8/9/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		8/9/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		8/9/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		8/9/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		8/9/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		8/9/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		8/9/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		8/9/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		8/9/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		8/9/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		8/9/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		8/9/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		8/9/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		8/9/2019	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		8/9/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		8/9/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		8/9/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36579

Lab Code 5036579D
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 8/2/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		8/9/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		8/9/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		8/9/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		8/9/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		8/9/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		8/9/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		8/9/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		8/9/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		8/9/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		8/9/2019	CJR	1
SUR - Toluene-d8	100	REC %				8260B		8/9/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	106	REC %				8260B		8/9/2019	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %				8260B		8/9/2019	CJR	1
SUR - Dibromofluoromethane	107	REC %				8260B		8/9/2019	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

1 Laboratory QC within limits.

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

Environmental Lab, Inc.

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

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____
Account No.: _____ Quote No.: _____
Project #: **IE-1902007**
Sampler: (signature) *[Signature]*

Project (Name / Location): **Pershing Plaza Kenosha WI**
Reports To: **Jowens@agilesengr.com** Invoice To: _____
Company: **Giles Engineering** Company: _____
Address: **N8W2235D Johnson Dr** Address: _____
City State Zip: **Waukesha** City State Zip: _____
Phone: **262-544-0118** Phone: _____
FAX: _____ FAX: _____

Analysis Requested

Other Analysis

Lab I.D.	Sample I.D.	Collection Date Time		Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID	
S036579A	MW-1	8/21/19	1005		X	N	3	GW	HCL																
B	MW-2	1	920		X	N	3	GW	 																
C	MW-3	1	850		X	N	3	GW	 																
D	Trip Blank						1																		

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

Sample Integrity - To be completed by receiving lab.

Method of Shipment: **GL**

Temp. of Temp. Blank ____ °C On Ice:

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign)

[Signature]

Time Date

1235 8/21/19

Received By: (sign)

Time Date

Received in Laboratory By:

[Signature]

Time: **10:00**

Date: **8/3/19**

Attachment E

Indoor Air and Sub-Slab Vapor Analytical Laboratory Report & Chain-of-Custody Documentation

Synergy Environmental Lab, INC

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

STEVE OWENS
GILES ENGINEERING
N8 W22350 JOHNSON DRIVE
WAUKESHA, WI 53186

Report Date 09-Aug-19

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36546

Lab Code 5036546A
Sample ID IA-1
Sample Matrix Air
Sample Date 7/25/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
1,2-Dichloroethane	0.243 "J"	ug/m3	0.24	0.763	1	TO-15		8/7/2019	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		8/7/2019	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		8/7/2019	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		8/7/2019	CJR	1
Tetrachloroethene	17	ug/m3	0.278	0.884	1	TO-15		8/7/2019	CJR	1
Trichloroethene (TCE)	0.59 "J"	ug/m3	0.237	0.754	1	TO-15		8/7/2019	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		8/7/2019	CJR	1

Lab Code 5036546B
Sample ID VP-1
Sample Matrix Air
Sample Date 7/26/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
1,2-Dichloroethane	< 2.4	ug/m3	2.4	7.63	10	TO-15		8/7/2019	CJR	1
1,1-Dichloroethene	13.1	ug/m3	2.1	6.68	10	TO-15		8/7/2019	CJR	1
cis-1,2-Dichloroethene	23.4	ug/m3	1.97	6.26	10	TO-15		8/7/2019	CJR	1
trans-1,2-Dichloroethene	69	ug/m3	2.31	7.34	10	TO-15		8/7/2019	CJR	1
Tetrachloroethene	620000	ug/m3	778.4	2475.2	2800	TO-15		8/7/2019	CJR	1
Trichloroethene (TCE)	13600	ug/m3	663.6	2111.2	2800	TO-15		8/7/2019	CJR	1
Vinyl Chloride	< 1.48	ug/m3	1.48	4.72	10	TO-15		8/7/2019	CJR	1

Project Name PERSHING PLAZA
Project # 1E-1902007

Invoice # E36546

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code *Comment*

1 Laboratory QC within limits.

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



A handwritten signature in blue ink, appearing to read "Michael J. Paul", is written over a horizontal line.

Environmental Lab, Inc.

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

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)
Normal Turn Around _____

Lab I.D. # _____
Account No.: _____ Quote No.: _____
Project #: **IE-1902007**
Sampler: (signature) *K7-Hey*

Project (Name / Location): **Pershing Plaza Kenosha WI**
Reports To: **Steve Owens** Invoice To: _____
Company: **Epiles Engineering** Company: _____
Address: **N 8 W22350 Johnson Dr** Address: _____
City State Zip: **Waukesha WI 53186** City State Zip: _____
Phone: **262-544-0118** Phone: _____
FAX: _____ FAX: _____

Analysis Requested		Other Analysis	
DRO (Mod DRO Sep 95)			
GRO (Mod GRO Sep 95)			
LEAD			
NITRATE/NITRITE			
OIL & GREASE			
PAH (EPA 8270)			
PCB			
PVOC (EPA 8021)			
PVOC + NAPHTHALENE			
SULFATE			
TOTAL SUSPENDED SOLIDS			
VOC DW (EPA 524.2)			
VOC (EPA 8260) TO15			
8-PCRA METALS			
			PID/ FID

Lab I.D.	Sample I.D.	Collection Date Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
5036546 A	IA-1	7/25/19	*	X		1	Indoor Air	—
B	VP-1	7/26/19		X		1	Sub-slab	—

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)
IA-1 24 hr indoor air sample started 900 on 7/25/19 (Pressure -29), stopped 7/26/19 900 (Pressure -3)
VP-1 Sub-slab soil gas sample started 940 (Pressure -28), stopped at 953 (Pressure -3) on 7/26/19
 Analyze IA-1 and VP-1 for the following VOCs (TO15): **PCE, TCE, Cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, 1,2-DCA, Vinyl Chloride**
 email report to: **Sowens@gileseng.com and Khayden@gileseng.com**

Sample Integrity - To be completed by receiving lab.
 Method of Shipment: GC
 Temp. of Temp. Blank _____ °C On Ice: _____
 Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *K7-Hey* Time **15:55** Date **7/26/19**
 Received By: (sign) _____ Time _____ Date _____
 Received in Laboratory By: *Chandra/Rosen* Time: **10:00** Date: **7/27/19**