

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name		DNR ID # (BRRTS #)	
Pershing Plaza Shopping Center (Former Lakeside Cleaners)		02-30-582211	
Address	City	State	ZIP Code
7536 Pershing Blvd	Kenosha	WI	53142

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner

Jomblee, Inc.

Address	City	State	ZIP Code
4930 Ascot Lane	Madison	WI	53711
Contact Person	Phone Number (include area code)		
Robert Reuschlein	(608) 230-6640		

Person or company that collected samples

Giles Engineering Associates, Inc.

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) _____

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diesel or Fuel Oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solvents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heavy Metals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: PFAS	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

This sampling event included sampling of a drinking water well. <input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, the sampled drinking water well had detectable contaminants. <input type="radio"/> Yes <input type="radio"/> No

Contaminants in Vapor

	Yes	No
Indoor Air	<input type="radio"/>	<input type="radio"/>
Sub-slab	<input type="radio"/>	<input type="radio"/>
Exterior Soil Gas	<input type="radio"/>	<input type="radio"/>

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 2 of 2

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a \$700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

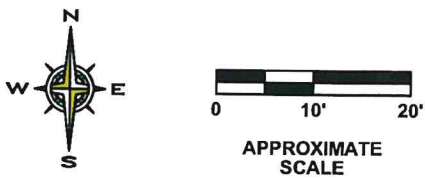
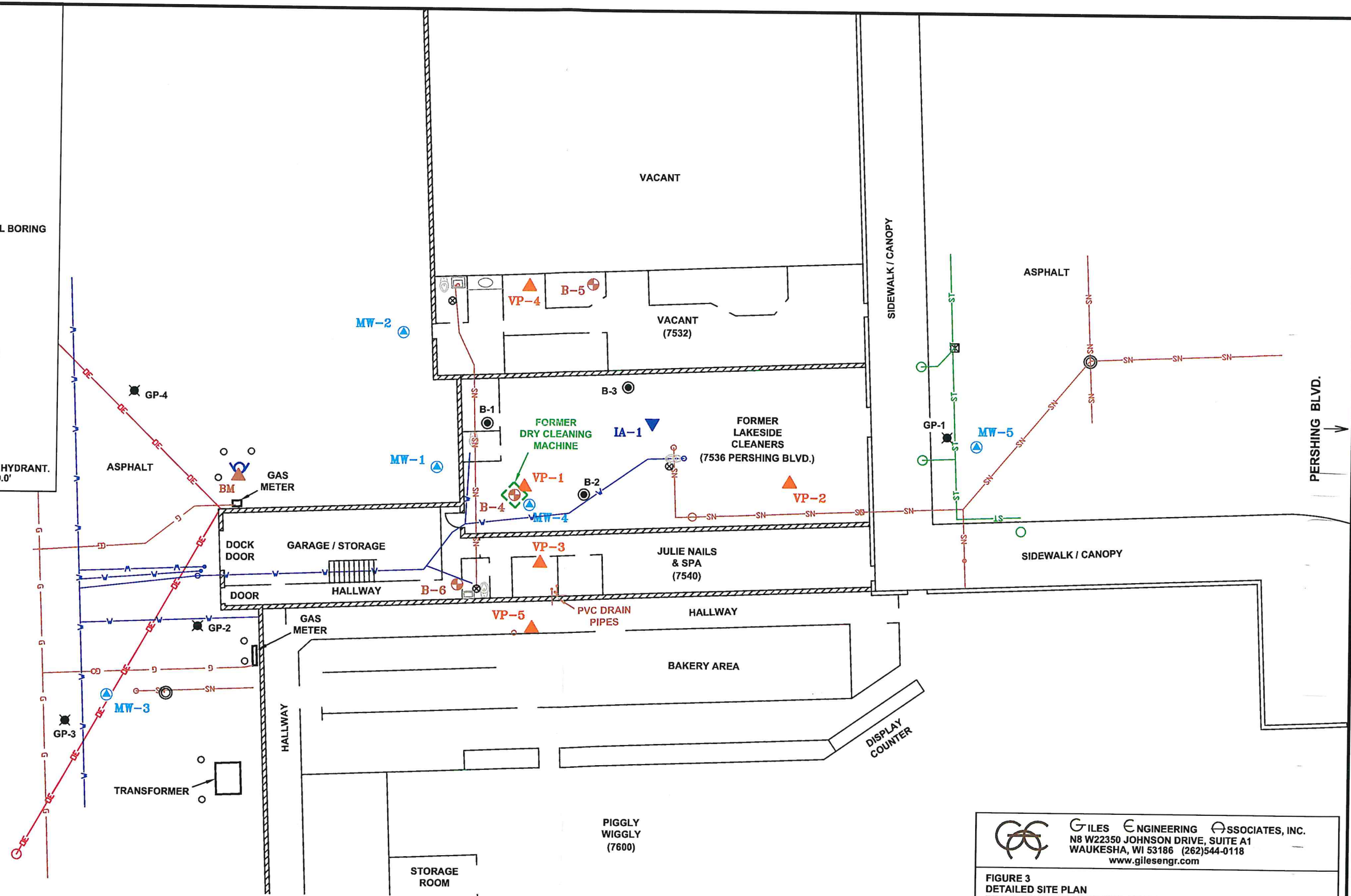
Company Name		Contact Person Last Name	First Name	
Giles Engineering Associate, Inc.		Owens	Stephen	
Address		City	State	ZIP Code
N8 W22350 Johnson Dr.		Waukesha	WI	53186
Phone # (inc. area code)	Email			
(262) 544-0118	sowens@gilesengr.com			

Select which agency: Natural Resources Agriculture, Trade and Consumer Protection

State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)	
Grittner	Paul	(414) 405-0764	
Address	City	State	ZIP Code
141 NW Barstow St.	Waukesha	WI	53188-3789
Email			
Paul.Grittner@wisconsin.gov			

- 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
 - CATCH BASIN
 - MANHOLE
 - ELECTRIC POLE
 - DE OVERHEAD ELECTRIC LINE
 - G GAS LINE
 - W WATER LINE
 - SN SANITARY SEWER LINE
 - ST STORM SEWER LINE
 - FLOOR DRAIN
 - 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	03-19-21
PROJECT NO.: 1E-1902007			CAD No. 1E1902007C4	

Table 2
PFAS Groundwater Analytical Results
Pershing Plaza Shopping Center
(Former Lakeside Cleaners Lease Space)
7536 Pershing Boulevard
Kenosha, Wisconsin
Project Number 1E-1902007

Sample Location	MW-4	Proposed NR 140 Standards* (ng/L)	
Sample Date	4/13/21	PAL	ES
PFAS (ng/L)			
11Cl-PF3OUdS	<2.2	NS	NS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.2	0.6	3
4:2 FTS	<0.95	NS	NS
6:2 FTS	6.3 J	NS	NS
8:2 FTS	<2.2	NS	NS
9Cl-PF3ONS	<2.2	NS	NS
HFPO-DA (GenX)	<2.2	30	300
NEtFOSA	<2.2	2	20
NEtFOSAA	<2.2	2	20
NEtFOSE	<2.2	2	20
NMeFOSA	<4.3	NS	NS
NMeFOSAA	<2.2	NS	NS
NMeFOSE	<2.2	NS	NS
Perfluorobutanesulfonic acid (PFBS)	3.9 J	90	450
Perfluorobutanoic acid (PFBA)	8.0	2	10
Perfluorodecanesulfonic acid (PFDS)	<1.1	NS	NS
Perfluorodecanoic acid (PFDA)	<1.1	60	300
Perfluorododecanesulfonic acid (PFDOS)	<2.2	NS	NS
Perfluorododecanoic acid (PFDoA)	<1.1	100	500
Perfluoroheptanesulfonic Acid (PFHpS)	<1.1	NS	NS
Perfluoroheptanoic acid (PFHpA)	4.0 J	NS	NS
Perfluorohexanesulfonic acid (PFHxS)	5.8	4	40
Perfluorohexanoic acid (PFHxA)	2.8 J	30	150
Perfluorononanesulfonic acid (PFNS)	<1.1	NS	NS
Perfluorononanoic acid (PFNA)	<1.1	3	30
Perfluoro-1-octanesulfonamide (PFOSA)	<1.1	2	20
Perfluorooctanesulfonic acid (PFOS)	<2.2	2	20
Perfluorooctanoic acid (PFOA)	14	2	20
Perfluoropentanesulfonic acid (PFPeS)	4.3	NS	NS
Perfluoropentanoic acid (PFPeA)	2.2 J	NS	NS
Perfluorotetradecanoic acid (PFTeDA)	<1.1	2	10
Perfluorotridecanoic acid (PFTrDA)	<1.1	NS	NS
Perfluoro-n-undecanoic acid (PFUdA)	<1.1	0.6	3
PFAS (6) **	14	2**	20**

Notes:

PFAs : Per- and Poly-fluoroalkyl Substances

ng/L : nanograms per Liter

*Wisconsin Department of Health Services recommended Groundwaer Standards (Cycle 11)

**Wisconsin Department of Health Services recommends a combined enforcement standard of 20 ng/L and combined preventive action limit of 2 ng/L for FOSA, NEtFOSE, NEtFOSA, NEtFOSAA, PFOS, and PFOA.

PAL: Preventive Action Limit

ES: Enforcement Standard

J: Result is an estimate value (detected between the laboratory method detection limit and

I: Value is Estimated Maximum Possible Concentration

NS: No Standard Established

(xx.x) : Italic/parenthesized results exceed the proposed NR 140 Preventive Action Limit

xx.x: Bold/underlined results exceed the proposed NR 140 Enforcement Standard

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

May 03, 2021

Steve Owens
Giles Engineering Associates, Inc.
N8 W22350 Johnson Road
Waukesha, WI 53186

RE: Project: 1E-1902007 PERSHING PLAZA
Pace Project No.: 40225061

Dear Steve Owens:

Enclosed are the analytical results for sample(s) received by the laboratory on April 14, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kelly Hayden, Giles Engineering Associates, Inc.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 1E-1902007 PERSHING PLAZA

Pace Project No.: 40225061

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40225061001	MW-4	Water	04/13/21 13:05	04/14/21 08:45

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

(Please Print Clearly)

Company Name: Giles Engineering
 Branch/Location: Whitesha
 Project Contact: Steve Owens
 Phone: 262.544.0118
 Project Number: 1E-1902007
 Project Name: Pershing Plaza
 Project State: WI
 Sampled By (Print): Joey Wolke
 Sampled By (Sign): [Signature]
 PO #: [Signature]



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1
 40225061

CHAIN OF CUSTODY

Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested																			
N	A	PFAS - WISC - 33 LIST	X																		

Quote #: _____
 Mail To Contact: Steve Owens
 Mail To Company: Giles
 Mail To Address: 18 WOODS DR
BIRKEN DR 57041
 Invoice To Contact: _____
 Invoice To Company: [Signature]
 Invoice To Address: _____
 Invoice To Phone: _____
 CLIENT COMMENTS: _____
 LAB COMMENTS (Lab Use Only): _____
 Profile #: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	MW-4	4/13/21	1305	GW

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: Standard TAT

Transmit Prelim Rush Results by (complete what you want):

Relinquished By: [Signature] Date/Time: 4/13/21 1400
 Received By: [Signature] Date/Time: _____

Relinquished By: C-Logistics Date/Time: 4/14/21 0845
 Received By: [Signature] Date/Time: 4/14/21 0845

Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. 40225061
 Receipt Temp = 5 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present Intact / Not Intact

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: Giles Engineers Project # 4025061

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	JG9U	WG9U	WPFU	SP5T								ZPLC	GN		
001																																			2.5 / 5 / 10
002																																			2.5 / 5 / 10
003																																			2.5 / 5 / 10
004																																			2.5 / 5 / 10
005																																			2.5 / 5 / 10
006																																			2.5 / 5 / 10
007																																			2.5 / 5 / 10
008																																			2.5 / 5 / 10
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018																																			2.5 / 5 / 10
019																																			2.5 / 5 / 10
020																																			2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JG9U 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WG9U 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			



Document Name:
Sample Condition Upon Receipt (SCUR)
 Document No.:
ENV-FRM-GBAY-0014-Rev.00

Document Revised: 26Mar2020
 Author:
 Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: Giles Engineers

WO# : 40225061

40225061

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____

Tracking #: 2022 041321

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used SR - 90 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1 /ICorr: .5

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
 Date: 4/14/21 Initials: [Signature]
 Labeled By Initials: [Signature]

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<u>i BP3U received 120ml for volume 4/14/21</u>	
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir



Report of Analysis

Pace Analytical Services, LLC
1241 Bellevue Street
Suite 9
Green Bay, WI 54302
Attention: Dan Milewsky

Project Name: 1E-1902007 Pershing Plaza

Project Number: 40225061

Lot Number: **WD15036**

Date Completed: 04/30/2021

Karen Coonan

05/01/2021 6:30 PM

Approved and released by:

Project Manager II: **Karen L. Coonan**



The electronic signature above is the equivalent of a handwritten signature.
This report shall not be reproduced, except in its entirety, without the written approval of Pace Analytical Services, LLC.

PACE ANALYTICAL SERVICES, LLC

SC DHEC No: 32010001

NELAC No: E87653

NC DENR No: 329

NC Field Parameters No: 5639

Case Narrative Pace Analytical Services, LLC Lot Number: WD15036

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved The NELAC Institute (TNI) standards, the Pace Analytical Services, LLC ("Pace") Laboratory Quality Manual, standard operating procedures (SOPs), and Pace policies. Any exceptions to the TNI standards, the Laboratory Quality Manual, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Pace Project Manager listed on the cover page.

Surrogate recovery for the following sample was outside the upper control limit: WD15036-001. This sample did not contain any target analytes; therefore, re-extraction and/or reanalysis was not performed.

PACE ANALYTICAL SERVICES, LLC

Sample Summary

Pace Analytical Services, LLC

Lot Number: WD15036

Project Name: 1E-1902007 Pershing Plaza

Project Number: 40225061

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-4	Aqueous	04/13/2021 1305	04/15/2021

(1 sample)

PACE ANALYTICAL SERVICES, LLC

Detection Summary
Pace Analytical Services, LLC
Lot Number: WD15036
Project Name: 1E-1902007 Pershing Plaza
Project Number: 40225061

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-4	Aqueous	6:2 FTS	PFAS by ID	6.3	J	ng/L	5
001	MW-4	Aqueous	PFBS	PFAS by ID	3.9	J	ng/L	5
001	MW-4	Aqueous	PFPeS	PFAS by ID	4.3		ng/L	5
001	MW-4	Aqueous	PFHxS	PFAS by ID	5.8		ng/L	5
001	MW-4	Aqueous	PFBA	PFAS by ID	8.0		ng/L	5
001	MW-4	Aqueous	PFHpA	PFAS by ID	4.0	J	ng/L	5
001	MW-4	Aqueous	PFHxA	PFAS by ID	2.8	J	ng/L	6
001	MW-4	Aqueous	PFOA	PFAS by ID	14		ng/L	6
001	MW-4	Aqueous	PFPeA	PFAS by ID	2.2	J	ng/L	6

(9 detections)

PFAS by LC/MS/MS

Client: **Pace Analytical Services, LLC**

Laboratory ID: **WD15036-001**

Description: **MW-4**

Matrix: **Aqueous**

Date Sampled: **04/13/2021 1305**

Project Name: **1E-1902007 Pershing Plaza**

Date Received: **04/15/2021**

Project Number: **40225061**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SOP SPE	PFAS by ID SOP	1	04/17/2021 1603	JJG	04/16/2021 1200	89290
2	SOP SPE	PFAS by ID SOP	1	04/20/2021 1720	JJG	04/16/2021 1200	89290

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	MDL	Units	Run
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	756426-58-1	PFAS by ID SOP	ND		8.7	2.2	ng/L	1
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3...)	763051-92-9	PFAS by ID SOP	ND		8.7	2.2	ng/L	1
1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS)	39108-34-4	PFAS by ID SOP	ND		8.7	2.2	ng/L	1
1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS)	27619-97-2	PFAS by ID SOP	6.3	J	8.7	2.2	ng/L	1
1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2 FTS)	757124-72-4	PFAS by ID SOP	ND		8.7	0.95	ng/L	2
Hexafluoropropylene oxide dimer acid (GenX)	13252-13-6	PFAS by ID SOP	ND		8.7	2.2	ng/L	1
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	PFAS by ID SOP	ND		8.7	2.2	ng/L	1
N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	PFAS by ID SOP	ND		8.7	2.2	ng/L	1
N-ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA)	2991-50-6	PFAS by ID SOP	ND		8.7	2.2	ng/L	1
2-N-ethylperfluoro-1-octanesulfonamido-ethanol (EtFOSE)	1691-99-2	PFAS by ID SOP	ND		8.7	2.2	ng/L	1
N-methylperfluoro-1-octanesulfonamide (MeFOSA)	31506-32-8	PFAS by ID SOP	ND		17	4.3	ng/L	1
N-methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	2355-31-9	PFAS by ID SOP	ND		8.7	2.2	ng/L	1
2-N-methylperfluoro-1-octanesulfonamido-ethanol (MeFOSE)	24448-09-7	PFAS by ID SOP	ND		8.7	2.2	ng/L	1
Perfluoro-1-butanefluoronic acid (PFBS)	375-73-5	PFAS by ID SOP	3.9	J	4.3	1.1	ng/L	1
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	PFAS by ID SOP	ND		4.3	1.1	ng/L	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	PFAS by ID SOP	ND		4.3	1.1	ng/L	1
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	PFAS by ID SOP	ND		4.3	1.1	ng/L	1
Perfluoro-1-octanesulfonamide (PFOSA)	754-91-6	PFAS by ID SOP	ND		4.3	1.1	ng/L	1
Perfluoro-1-pentanesulfonic acid (PFPeS)	2706-91-4	PFAS by ID SOP	4.3		4.3	1.1	ng/L	1
Perfluorododecanesulfonic acid (PFDOS)	79780-39-5	PFAS by ID SOP	ND		8.7	2.2	ng/L	1
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	PFAS by ID SOP	5.8		4.3	1.1	ng/L	1
Perfluoro-n-butanoic acid (PFBA)	375-22-4	PFAS by ID SOP	8.0		4.3	1.1	ng/L	1
Perfluoro-n-decanoic acid (PFDA)	335-76-2	PFAS by ID SOP	ND		4.3	1.1	ng/L	1
Perfluoro-n-dodecanoic acid (PFDoA)	307-55-1	PFAS by ID SOP	ND		4.3	1.1	ng/L	1
Perfluoro-n-heptanoic acid (PFHpA)	375-85-9	PFAS by ID SOP	4.0	J	4.3	1.1	ng/L	1
Perfluoro-n-hexanoic acid (PFHxA)	307-24-4	PFAS by ID SOP	2.8	J	4.3	1.1	ng/L	1
Perfluoro-n-nonanoic acid (PFNA)	375-95-1	PFAS by ID SOP	ND		4.3	1.1	ng/L	1
Perfluoro-n-octanoic acid (PFOA)	335-67-1	PFAS by ID SOP	14		4.3	0.90	ng/L	2
Perfluoro-n-pentanoic acid (PFPeA)	2706-90-3	PFAS by ID SOP	2.2	J	4.3	1.1	ng/L	1
Perfluoro-n-tetradecanoic acid (PFTeDA)	376-06-7	PFAS by ID SOP	ND		4.3	1.1	ng/L	1
Perfluoro-n-tridecanoic acid (PFTrDA)	72629-94-8	PFAS by ID SOP	ND		4.3	1.1	ng/L	1
Perfluoro-n-undecanoic acid (PFUDA)	2058-94-8	PFAS by ID SOP	ND		4.3	1.1	ng/L	1
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	PFAS by ID SOP	ND		4.3	2.2	ng/L	2

Surrogate	Q	Run 1		Q	Run 2	
		% Recovery	Acceptance Limits		% Recovery	Acceptance Limits
13C2_4:2FTS	N	155	25-150		125	25-150
13C2_6:2FTS		104	25-150		91	25-150
13C2_8:2FTS		102	25-150		75	25-150
13C2_PFDaA		81	25-150		80	25-150
13C2_PFTeDA		84	25-150		80	25-150
13C3_PFBS		88	25-150		80	25-150
13C3_PFHxS		96	25-150		88	25-150
13C3-HFPO-DA		88	25-150		91	25-150

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit Q = Surrogate failure
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL L = LCS/LCSD failure
 H = Out of holding time W = Reported on wet weight basis S = MS/MSD failure

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

Client: Pace Analytical Services, LLC	Laboratory ID: WD15036-001
Description: MW-4	Matrix: Aqueous
Date Sampled: 04/13/2021 1305	Project Name: 1E-1902007 Pershing Plaza
Date Received: 04/15/2021	Project Number: 40225061

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
13C4_PFBA		96	25-150		90	25-150
13C4_PFHpA		107	25-150		94	25-150
13C5_PFHxA		100	25-150		92	25-150
13C5_PFPeA		104	25-150		92	25-150
13C6_PFDA		96	25-150		84	25-150
13C7_PFUdA		107	25-150		84	25-150
13C8_PFOA		108	25-150		97	25-150
13C8_PFOS		94	25-150		77	25-150
13C8_PFOSA		96	10-150		91	10-150
13C9_PFNA		101	25-150		96	25-150
d-EtFOSA		66	10-150		68	10-150
d5-EtFOSAA		100	25-150		88	25-150
d9-EtFOSE		79	10-150		86	10-150
d-MeFOSA		77	10-150		78	10-150
d3-MeFOSAA		94	25-150		86	25-150
d7-MeFOSE		74	10-150		87	10-150

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit Q = Surrogate failure
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL L = LCS/LCSD failure
 H = Out of holding time W = Reported on wet weight basis S = MS/MSD failure

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QC Summary

PFAS by LC/MS/MS - MB

Sample ID: WQ89290-001

Matrix: Aqueous

Batch: 89290

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 04/16/2021 1200

Parameter	Result	Q	Dil	LOQ	MDL	Units	Analysis Date
9CI-PF3ONS	ND		1	8.0	2.0	ng/L	04/17/2021 1406
11CI-PF3OUdS	ND		1	8.0	2.0	ng/L	04/17/2021 1406
8:2 FTS	ND		1	8.0	2.0	ng/L	04/17/2021 1406
6:2 FTS	ND		1	8.0	2.0	ng/L	04/17/2021 1406
4:2 FTS	ND		1	8.0	0.87	ng/L	04/17/2021 1406
GenX	ND		1	8.0	2.0	ng/L	04/17/2021 1406
ADONA	ND		1	8.0	2.0	ng/L	04/17/2021 1406
EtFOSA	ND		1	8.0	2.0	ng/L	04/17/2021 1406
EtFOSAA	ND		1	8.0	2.0	ng/L	04/17/2021 1406
EtFOSE	ND		1	8.0	2.0	ng/L	04/17/2021 1406
MeFOSA	ND		1	16	4.0	ng/L	04/17/2021 1406
MeFOSAA	ND		1	8.0	2.0	ng/L	04/17/2021 1406
MeFOSE	ND		1	8.0	2.0	ng/L	04/17/2021 1406
PFBS	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFDS	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFHpS	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFNS	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFOSA	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFPeS	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFDOS	ND		1	8.0	2.0	ng/L	04/17/2021 1406
PFHxS	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFBA	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFDA	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFDoA	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFHpA	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFHxA	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFNA	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFOA	ND		1	4.0	0.83	ng/L	04/17/2021 1406
PFPeA	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFTeDA	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFTTrDA	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFUdA	ND		1	4.0	1.0	ng/L	04/17/2021 1406
PFOS	ND		1	4.0	2.0	ng/L	04/17/2021 1406

Surrogate	Q	% Rec	Acceptance Limit
13C2_4:2FTS		109	25-150
13C2_6:2FTS		103	25-150
13C2_8:2FTS		96	25-150
13C2_PFDoA		97	25-150
13C2_PFTeDA		94	25-150
13C3_PFBS		91	25-150
13C3_PFHxS		107	25-150
13C3-HFPO-DA		106	25-150

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PFAS by LC/MS/MS - MB

Sample ID: WQ89290-001

Matrix: Aqueous

Batch: 89290

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 04/16/2021 1200

Surrogate	Q	% Rec	Acceptance Limit
13C4_PFBA		107	25-150
13C4_PFHpA		112	25-150
13C5_PFHxA		105	25-150
13C5_PFPeA		106	25-150
13C6_PFDA		99	25-150
13C7_PFUdA		103	25-150
13C8_PFOA		112	25-150
13C8_PFOS		96	25-150
13C8_PFOSA		103	10-150
13C9_PFNA		106	25-150
d-EtFOSA		88	10-150
d5-EtFOSAA		100	25-150
d9-EtFOSE		105	10-150
d-MeFOSA		99	10-150
d3-MeFOSAA		104	25-150
d7-MeFOSE		89	10-150

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PFAS by LC/MS/MS - LCS

Sample ID: WQ89290-002

Matrix: Aqueous

Batch: 89290

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 04/16/2021 1200

Parameter	Spike Amount (ng/L)	Result (ng/L)	Q	Dil	% Rec	%Rec Limit	Analysis Date
9CI-PF3ONS	15	14		1	95	50-150	04/17/2021 1417
11CI-PF3OUdS	15	13		1	85	50-150	04/17/2021 1417
8:2 FTS	15	13		1	88	50-150	04/17/2021 1417
6:2 FTS	15	15		1	97	50-150	04/17/2021 1417
4:2 FTS	15	15		1	98	50-150	04/17/2021 1417
GenX	32	33		1	102	50-150	04/17/2021 1417
ADONA	15	16		1	107	50-150	04/17/2021 1417
EtFOSA	16	17		1	103	50-150	04/17/2021 1417
EtFOSAA	16	16		1	99	50-150	04/17/2021 1417
EtFOSE	16	15		1	95	50-150	04/17/2021 1417
MeFOSA	16	14		1	90	50-150	04/17/2021 1417
MeFOSAA	16	15		1	92	50-150	04/17/2021 1417
MeFOSE	16	15		1	93	50-150	04/17/2021 1417
PFBS	14	15		1	105	50-150	04/17/2021 1417
PFDS	15	13		1	84	50-150	04/17/2021 1417
PFHpS	15	15		1	96	50-150	04/17/2021 1417
PFNS	15	14		1	92	50-150	04/17/2021 1417
PFOSA	16	15		1	93	50-150	04/17/2021 1417
PFPeS	15	15		1	101	50-150	04/17/2021 1417
PFDOS	15	13		1	84	50-150	04/17/2021 1417
PFHxS	15	15		1	105	50-150	04/17/2021 1417
PFBA	16	15		1	95	50-150	04/17/2021 1417
PFDA	16	15		1	95	50-150	04/17/2021 1417
PFDoA	16	15		1	93	50-150	04/17/2021 1417
PFHpA	16	14		1	90	50-150	04/17/2021 1417
PFHxA	16	15		1	96	50-150	04/17/2021 1417
PFNA	16	14		1	90	50-150	04/17/2021 1417
PFOA	16	16		1	98	50-150	04/17/2021 1417
PFPeA	16	15		1	95	50-150	04/17/2021 1417
PFTeDA	16	16		1	99	50-150	04/17/2021 1417
PFTTrDA	16	14		1	85	50-150	04/17/2021 1417
PFUdA	16	16		1	97	50-150	04/17/2021 1417
PFOS	15	13		1	90	50-150	04/17/2021 1417

Surrogate	Q	% Rec	Acceptance Limit
13C2_4:2FTS		98	25-150
13C2_6:2FTS		91	25-150
13C2_8:2FTS		95	25-150
13C2_PFDoA		88	25-150
13C2_PFTeDA		87	25-150
13C3_PFBS		86	25-150
13C3_PFHxS		88	25-150
13C3-HFPO-DA		99	25-150

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PFAS by LC/MS/MS - LCS

Sample ID: WQ89290-002

Matrix: Aqueous

Batch: 89290

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 04/16/2021 1200

Surrogate	Q	% Rec	Acceptance Limit
13C4_PFBFA		97	25-150
13C4_PFHpA		107	25-150
13C5_PFHxA		96	25-150
13C5_PFPeA		98	25-150
13C6_PFDA		98	25-150
13C7_PFUdA		95	25-150
13C8_PFOA		99	25-150
13C8_PFOS		92	25-150
13C8_PFOSA		96	10-150
13C9_PFNA		99	25-150
d-EtFOSA		77	10-150
d5-EtFOSAA		95	25-150
d9-EtFOSE		94	10-150
d-MeFOSA		83	10-150
d3-MeFOSAA		92	25-150
d7-MeFOSE		88	10-150

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%


* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

**Chain of Custody
and
Miscellaneous Documents**

PACE ANALYTICAL SERVICES, LLC

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: Coles Engineers Project #:
Courier: COS Logistics Fed Ex Speedee UPS Walbox
 Client Pace Other: _____
Tracking #: 2022 041321
Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
Custody Seal on Samples Present: yes no Seals intact: yes no
Packing Material: Bubble Wrap Bubble Bags None Other _____
Thermometer Used: SR - 90 **Type of Ice:** Wet Blue Dry None Samples on ice, cooling process has begun
Cooler Temperature: 1 5
Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no

WO#: 40225061



40225061

Temp should be above freezing to 6°C
 Note: Samples may be received at 5 0°C if shipped on Dry Ice.

Person examining contents:

Date: 4/14/21 Initials: [Signature]

Labeled By Initials: [Signature]

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	1 HPLC received 120ml for volume 4/14/21	
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/D/Analysis Matrix	<u>W</u>	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample logir

Page 2 of 2

PACE ANALYTICAL SERVICES, LLC



Samples Receipt Checklist (SRC) (ME0018C-15)

Issuing Authority: Pace ENV - WCOL

Revised: 9/29/2020

Page 1 of 1

Sample Receipt Checklist (SRC)

Client: PACE

Cooler Inspected by/date: MH1 / 4/15/2021

Lot #: W1315036

Means of receipt: <input type="checkbox"/> Pace <input type="checkbox"/> Client <input checked="" type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Other: _____	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1. Were custody seals present on the cooler?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	2. If custody seals were present, were they intact and unbroken?
pH Strip ID: <u>NA</u> Chlorine Strip ID: <u>NA</u> Tested by: <u>NA</u>	
Original temperature upon receipt / Derived (Corrected) temperature upon receipt %Solid Snap-Cup ID: <u>NA</u> <u>4.0 / 4.0 °C NA / NA °C NA / NA °C NA / NA °C</u>	
Method: <input checked="" type="checkbox"/> Temperature Blank <input type="checkbox"/> Against Bottles IR Gun ID: <u>6</u> IR Gun Correction Factor: <u>0</u> °C	
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Ice Packs <input type="checkbox"/> Dry Ice <input type="checkbox"/> None	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	3. If temperature of any cooler exceeded 6.0°C, was Project Manager Notified? PM was Notified by: phone / email / face-to-face (circle one).
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	4. Is the commercial courier's packing slip attached to this form?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5. Were proper custody procedures (relinquished/received) followed?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6. Were sample IDs listed on the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. Were sample IDs listed on all sample containers?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8. Was collection date & time listed on the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9. Was collection date & time listed on all sample containers?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10. Did all container label information (ID, date, time) agree with the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. Were tests to be performed listed on the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)? _____
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13. Was adequate sample volume available?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	14. Were all samples received within 1/2 the holding time or 48 hours, whichever comes first?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	15. Were any samples containers missing/excess (circle one) samples Not listed on COC?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	16. For VOA and RSK-175 samples, were bubbles present >"pea-size" (1/2" or 6mm in diameter) in any of the VOA vials?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	17. Were all DRO/metals/nutrient samples received at a pH of < 2?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	18. Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	19. Were all applicable NH ₃ /TKN/cyanide/phenol/625.1/608.3 (< 0.5mg/L) samples free of residual chlorine?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	20. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	21. Was the quote number listed on the container label? If yes, Quote # _____

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) NA were received incorrectly preserved and were adjusted accordingly in sample receiving with NA mL of circle one: H₂SO₄, HNO₃, HCl, NaOH using SR # NA

Time of preservation NA. If more than one preservative is needed, please note in the comments below.

Sample(s) NA were received with bubbles >6 mm in diameter.

Samples(s) NA were received with TRC > 0.5 mg/L. (If #19 is *no*) and were adjusted accordingly in sample receiving with sodium thiosulfate (Na₂S₂O₃) with Shealy ID: NA

SR barcode labels applied by: JRG2 Date: 4/15/2021

Comments: _____

