

January 25, 2021

Steve Guy  
City of Fenton  
15300 North Rd  
Fenton, MI 48430

RE: Project: DW PFAS  
Pace Project No.: 35604305

Dear Steve Guy:

Enclosed are the analytical results for sample(s) received by the laboratory on January 13, 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:

- Pace Analytical Services - Ormond Beach

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

Sincerely,



Brad Smith for  
Aaron Crump  
aaron.crump@pacelabs.com  
(386) 672-5668  
Project Manager

Enclosures

cc: Accounts Payable, City of Fenton



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: DW PFAS

Pace Project No.: 35604305

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### **Pace Analytical Services Ormond Beach**

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Arizona Certification# AZ0819

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: DW PFAS  
Pace Project No.: 35604305

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
35604305001	Plant Tap	Drinking Water	01/12/21 07:21	01/13/21 13:13
35604305002	FRB in Sample Area	Drinking Water	01/12/21 07:21	01/13/21 13:13

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: DW PFAS

Pace Project No.: 35604305

Lab ID	Sample ID	Method	Analysts	Analytes Reported
35604305001	Plant Tap	EPA 537.1	CMB	22
35604305002	FRB in Sample Area	EPA 537.1	CMB	22

PASI-O = Pace Analytical Services - Ormond Beach

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: DW PFAS

Pace Project No.: 35604305

**Sample: Plant Tap**      **Lab ID: 35604305001**      Collected: 01/12/21 07:21      Received: 01/13/21 13:13      Matrix: Drinking Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>537.1 PFAS Compounds, Water</b>									
Analytical Method: EPA 537.1    Preparation Method: EPA 537.1									
Pace Analytical Services - Ormond Beach									
11CI-PF3OUdS	ND	ug/L	0.0019	0.0015	1	01/14/21 09:00	01/17/21 03:20	763051-92-9	
9CI-PF3ONS	ND	ug/L	0.0019	0.0011	1	01/14/21 09:00	01/17/21 03:20	756426-58-1	
ADONA	ND	ug/L	0.0019	0.00069	1	01/14/21 09:00	01/17/21 03:20	919005-14-4	
HFPO-DA	ND	ug/L	0.0019	0.0015	1	01/14/21 09:00	01/17/21 03:20	13252-13-6	M1
NEtFOSAA	ND	ug/L	0.0019	0.00088	1	01/14/21 09:00	01/17/21 03:20	2991-50-6	M1
NMeFOSAA	ND	ug/L	0.0019	0.0015	1	01/14/21 09:00	01/17/21 03:20	2355-31-9	
Perfluorobutanesulfonic acid	ND	ug/L	0.0019	0.00063	1	01/14/21 09:00	01/17/21 03:20	375-73-5	
Perfluorodecanoic acid	ND	ug/L	0.0019	0.0019	1	01/14/21 09:00	01/17/21 03:20	335-76-2	
Perfluorohexanoic acid	<b>0.0024</b>	ug/L	0.0019	0.0012	1	01/14/21 09:00	01/17/21 03:20	307-24-4	
Perfluorododecanoic acid	ND	ug/L	0.0019	0.0014	1	01/14/21 09:00	01/17/21 03:20	307-55-1	
Perfluoroheptanoic acid	ND	ug/L	0.0019	0.00096	1	01/14/21 09:00	01/17/21 03:20	375-85-9	
Perfluorohexanesulfonic acid	ND	ug/L	0.0019	0.00070	1	01/14/21 09:00	01/17/21 03:20	355-46-4	
Perfluorononanoic acid	ND	ug/L	0.0019	0.0019	1	01/14/21 09:00	01/17/21 03:20	375-95-1	
Perfluorooctanesulfonic acid	ND	ug/L	0.0019	0.0011	1	01/14/21 09:00	01/17/21 03:20	1763-23-1	
Perfluorooctanoic acid	ND	ug/L	0.0019	0.00083	1	01/14/21 09:00	01/17/21 03:20	335-67-1	
Perfluorotetradecanoic acid	ND	ug/L	0.0019	0.0018	1	01/14/21 09:00	01/17/21 03:20	376-06-7	
Perfluorotridecanoic acid	ND	ug/L	0.0019	0.0017	1	01/14/21 09:00	01/17/21 03:20	72629-94-8	
Perfluoroundecanoic acid	ND	ug/L	0.0019	0.0019	1	01/14/21 09:00	01/17/21 03:20	2058-94-8	
<b>Surrogates</b>									
13C2-PFDA (S)	97	%	70-130		1	01/14/21 09:00	01/17/21 03:20		
13C2-PFHxA (S)	97	%	70-130		1	01/14/21 09:00	01/17/21 03:20		
NEtFOSAA-d5 (S)	98	%	70-130		1	01/14/21 09:00	01/17/21 03:20		
HFPO-DAS (S)	88	%	70-130		1	01/14/21 09:00	01/17/21 03:20		

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## ANALYTICAL RESULTS

Project: DW PFAS

Pace Project No.: 35604305

**Sample: FRB in Sample Area**      **Lab ID: 35604305002**      Collected: 01/12/21 07:21      Received: 01/13/21 13:13      Matrix: Drinking Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>537.1 PFAS Compounds, Water</b>									
Analytical Method: EPA 537.1    Preparation Method: EPA 537.1									
Pace Analytical Services - Ormond Beach									
11CI-PF3OUdS	ND	ug/L	0.0018	0.0014	1	01/14/21 09:00	01/17/21 04:18	763051-92-9	
9CI-PF3ONS	ND	ug/L	0.0018	0.0010	1	01/14/21 09:00	01/17/21 04:18	756426-58-1	
ADONA	ND	ug/L	0.0018	0.00066	1	01/14/21 09:00	01/17/21 04:18	919005-14-4	
HFPO-DA	ND	ug/L	0.0018	0.0015	1	01/14/21 09:00	01/17/21 04:18	13252-13-6	
NEtFOSAA	ND	ug/L	0.0018	0.00085	1	01/14/21 09:00	01/17/21 04:18	2991-50-6	
NMeFOSAA	ND	ug/L	0.0018	0.0014	1	01/14/21 09:00	01/17/21 04:18	2355-31-9	
Perfluorobutanesulfonic acid	ND	ug/L	0.0018	0.00061	1	01/14/21 09:00	01/17/21 04:18	375-73-5	
Perfluorodecanoic acid	ND	ug/L	0.0018	0.0018	1	01/14/21 09:00	01/17/21 04:18	335-76-2	
Perfluorohexanoic acid	ND	ug/L	0.0018	0.0012	1	01/14/21 09:00	01/17/21 04:18	307-24-4	
Perfluorododecanoic acid	ND	ug/L	0.0018	0.0013	1	01/14/21 09:00	01/17/21 04:18	307-55-1	
Perfluoroheptanoic acid	ND	ug/L	0.0018	0.00092	1	01/14/21 09:00	01/17/21 04:18	375-85-9	
Perfluorohexanesulfonic acid	ND	ug/L	0.0018	0.00067	1	01/14/21 09:00	01/17/21 04:18	355-46-4	
Perfluorononanoic acid	ND	ug/L	0.0018	0.0018	1	01/14/21 09:00	01/17/21 04:18	375-95-1	
Perfluorooctanesulfonic acid	ND	ug/L	0.0018	0.0011	1	01/14/21 09:00	01/17/21 04:18	1763-23-1	
Perfluorooctanoic acid	ND	ug/L	0.0018	0.00080	1	01/14/21 09:00	01/17/21 04:18	335-67-1	
Perfluorotetradecanoic acid	ND	ug/L	0.0018	0.0017	1	01/14/21 09:00	01/17/21 04:18	376-06-7	
Perfluorotridecanoic acid	ND	ug/L	0.0018	0.0016	1	01/14/21 09:00	01/17/21 04:18	72629-94-8	
Perfluoroundecanoic acid	ND	ug/L	0.0018	0.0018	1	01/14/21 09:00	01/17/21 04:18	2058-94-8	
<b>Surrogates</b>									
13C2-PFDA (S)	85	%	70-130		1	01/14/21 09:00	01/17/21 04:18		
13C2-PFHxA (S)	87	%	70-130		1	01/14/21 09:00	01/17/21 04:18		
NEtFOSAA-d5 (S)	86	%	70-130		1	01/14/21 09:00	01/17/21 04:18		
HFPO-DAS (S)	79	%	70-130		1	01/14/21 09:00	01/17/21 04:18		

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### QUALITY CONTROL DATA

Project: DW PFAS

Pace Project No.: 35604305

QC Batch: 696500

Analysis Method: EPA 537.1

QC Batch Method: EPA 537.1

Analysis Description: 537.1 PFOA Compounds, Water

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35604305001, 35604305002

METHOD BLANK: 3791786

Matrix: Water

Associated Lab Samples: 35604305001, 35604305002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
11CI-PF3OUdS	ug/L	ND	0.0020	0.0016	01/16/21 23:51	
9CI-PF3ONS	ug/L	ND	0.0020	0.0012	01/16/21 23:51	
ADONA	ug/L	ND	0.0020	0.00074	01/16/21 23:51	
HFPO-DA	ug/L	ND	0.0020	0.0017	01/16/21 23:51	
NEtFOSAA	ug/L	ND	0.0020	0.00095	01/16/21 23:51	
NMeFOSAA	ug/L	ND	0.0020	0.0016	01/16/21 23:51	
Perfluorobutanesulfonic acid	ug/L	ND	0.0020	0.00068	01/16/21 23:51	
Perfluorodecanoic acid	ug/L	ND	0.0020	0.0020	01/16/21 23:51	
Perfluorododecanoic acid	ug/L	ND	0.0020	0.0015	01/16/21 23:51	
Perfluoroheptanoic acid	ug/L	ND	0.0020	0.0010	01/16/21 23:51	
Perfluorohexanesulfonic acid	ug/L	ND	0.0020	0.00075	01/16/21 23:51	
Perfluorohexanoic acid	ug/L	ND	0.0020	0.0013	01/16/21 23:51	
Perfluorononanoic acid	ug/L	ND	0.0020	0.0020	01/16/21 23:51	
Perfluorooctanesulfonic acid	ug/L	ND	0.0020	0.0012	01/16/21 23:51	
Perfluorooctanoic acid	ug/L	ND	0.0020	0.00089	01/16/21 23:51	
Perfluorotetradecanoic acid	ug/L	ND	0.0020	0.0019	01/16/21 23:51	
Perfluorotridecanoic acid	ug/L	ND	0.0020	0.0018	01/16/21 23:51	
Perfluoroundecanoic acid	ug/L	ND	0.0020	0.0020	01/16/21 23:51	
13C2-PFDA (S)	%	107	70-130		01/16/21 23:51	
13C2-PFHxA (S)	%	98	70-130		01/16/21 23:51	
HFPO-DAS (S)	%	87	70-130		01/16/21 23:51	
NEtFOSAA-d5 (S)	%	87	70-130		01/16/21 23:51	

LABORATORY CONTROL SAMPLE: 3791787

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11CI-PF3OUdS	ug/L	0.16	0.16	101	70-130	
9CI-PF3ONS	ug/L	0.16	0.17	103	70-130	
ADONA	ug/L	0.16	0.17	108	70-130	
HFPO-DA	ug/L	0.16	0.16	101	70-130	
NEtFOSAA	ug/L	0.16	0.18	110	70-130	
NMeFOSAA	ug/L	0.16	0.17	106	70-130	
Perfluorobutanesulfonic acid	ug/L	0.16	0.15	92	70-130	
Perfluorodecanoic acid	ug/L	0.16	0.21	129	70-130	
Perfluorododecanoic acid	ug/L	0.16	0.17	103	70-130	
Perfluoroheptanoic acid	ug/L	0.16	0.19	118	70-130	
Perfluorohexanesulfonic acid	ug/L	0.16	0.16	102	70-130	
Perfluorohexanoic acid	ug/L	0.16	0.18	112	70-130	
Perfluorononanoic acid	ug/L	0.16	0.20	127	70-130	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: DW PFAS  
Pace Project No.: 35604305

LABORATORY CONTROL SAMPLE: 3791787

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Perfluorooctanesulfonic acid	ug/L	0.16	0.16	100	70-130	
Perfluorooctanoic acid	ug/L	0.16	0.18	111	70-130	
Perfluorotetradecanoic acid	ug/L	0.16	0.20	122	70-130	
Perfluorotridecanoic acid	ug/L	0.16	0.18	112	70-130	
Perfluoroundecanoic acid	ug/L	0.16	0.20	124	70-130	
13C2-PFDA (S)	%			105	70-130	
13C2-PFHxA (S)	%			94	70-130	
HFPO-DAS (S)	%			95	70-130	
NETFOSAA-d5 (S)	%			87	70-130	

LABORATORY CONTROL SAMPLE: 3791788

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
11CI-PF3OUdS	ug/L	0.002	ND	82	50-150	
9CI-PF3ONS	ug/L	0.002	.0018J	92	50-150	
ADONA	ug/L	0.002	0.0021	104	50-150	
HFPO-DA	ug/L	0.002	ND	58	50-150	
NETFOSAA	ug/L	0.002	.0017J	84	50-150	
NMeFOSAA	ug/L	0.002	.0018J	88	50-150	
Perfluorobutanesulfonic acid	ug/L	0.002	.0017J	86	50-150	
Perfluorodecanoic acid	ug/L	0.002	0.0021	106	50-150	
Perfluorododecanoic acid	ug/L	0.002	.0019J	96	50-150	
Perfluoroheptanoic acid	ug/L	0.002	0.0024	120	50-150	
Perfluorohexanesulfonic acid	ug/L	0.002	.0016J	82	50-150	
Perfluorohexanoic acid	ug/L	0.002	0.0020	102	50-150	
Perfluorononanoic acid	ug/L	0.002	0.0022	112	50-150	
Perfluorooctanesulfonic acid	ug/L	0.002	.0019J	96	50-150	
Perfluorooctanoic acid	ug/L	0.002	0.0021	104	50-150	
Perfluorotetradecanoic acid	ug/L	0.002	0.0023	114	50-150	
Perfluorotridecanoic acid	ug/L	0.002	0.0022	110	50-150	
Perfluoroundecanoic acid	ug/L	0.002	0.0022	108	50-150	
13C2-PFDA (S)	%			106	70-130	
13C2-PFHxA (S)	%			94	70-130	
HFPO-DAS (S)	%			86	70-130	
NETFOSAA-d5 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3791789 3791790

Parameter	Units	35604305001		MSD		MSD		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result						
11CI-PF3OUdS	ug/L	ND	0.0019	0.0019	.0016J	.0016J	84	84	70-130		30		
9CI-PF3ONS	ug/L	ND	0.0019	0.0019	.0016J	.0016J	84	88	70-130		30		
ADONA	ug/L	ND	0.0019	0.0019	ND	0.0019	100	104	70-130		30		
HFPO-DA	ug/L	ND	0.0019	0.0019	ND	ND	58	68	70-130		30	M1	

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### QUALITY CONTROL DATA

Project: DW PFAS

Pace Project No.: 35604305

Parameter	Units	35604305001		3791789		3791790		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
NEtFOSAA	ug/L	ND	0.0019	0.0019	.001J	ND	56	100	70-130			30	M1	
NMeFOSAA	ug/L	ND	0.0019	0.0019	ND	.0016J	80	88	70-130			30		
Perfluorobutanesulfonic acid	ug/L	ND	0.0019	0.0019	0.0021	0.0020	86	82	70-130	4		30		
Perfluorodecanoic acid	ug/L	ND	0.0019	0.0019	ND	ND	84	84	70-130			30		
Perfluorododecanoic acid	ug/L	ND	0.0019	0.0019	.0017J	.0016J	92	86	70-130			30		
Perfluoroheptanoic acid	ug/L	ND	0.0019	0.0019	0.0029	0.0028	126	122	70-130	3		30		
Perfluorohexanesulfonic acid	ug/L	ND	0.0019	0.0019	.0016J	.0016J	76	72	70-130			30		
Perfluorohexanoic acid	ug/L	0.0024	0.0019	0.0019	0.0045	0.0043	110	100	70-130	4		30		
Perfluorononanoic acid	ug/L	ND	0.0019	0.0019	0.0020	0.0019	104	102	70-130	2		30		
Perfluorooctanesulfonic acid	ug/L	ND	0.0019	0.0019	.0018J	.0016J	80	70	70-130			30		
Perfluorooctanoic acid	ug/L	ND	0.0019	0.0019	0.0021	0.0020	92	88	70-130	4		30		
Perfluorotetradecanoic acid	ug/L	ND	0.0019	0.0019	0.0019	ND	102	100	70-130			30		
Perfluorotridecanoic acid	ug/L	ND	0.0019	0.0019	0.0020	0.0020	110	106	70-130	4		30		
Perfluoroundecanoic acid	ug/L	ND	0.0019	0.0019	ND	ND	94	90	70-130			30		
13C2-PFDA (S)	%						93	95	70-130					
13C2-PFHxA (S)	%						96	98	70-130					
HFPO-DAS (S)	%						91	93	70-130					
NEtFOSAA-d5 (S)	%						94	97	70-130					

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## QUALIFIERS

Project: DW PFAS  
Pace Project No.: 35604305

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: DW PFAS  
Pace Project No.: 35604305

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35604305001	Plant Tap	EPA 537.1	696500	EPA 537.1	697310
35604305002	FRB in Sample Area	EPA 537.1	696500	EPA 537.1	697310

**REPORT OF LABORATORY ANALYSIS**

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**Sample Condition Upon Receipt Form (SCUR)**

<b>Project #</b>	<b>WO# : 35604305</b>	<b>Date and Initials of person:</b>
<b>Project Manager:</b>	<b>PM: ADC</b> <b>Due Date: 02/03/21</b>	<b>Examining contents:</b> _____
<b>Client:</b>	<b>CLIENT: CITFEN</b>	<b>Label:</b> _____
		<b>Deliver:</b> _____
		<b>pH:</b> _____

Thermometer Used: T-353      Date: 1/13/21      Time: 1324      Initials: AS

State of Origin: \_\_\_\_\_  For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp. °C <u>3.0</u> (Visual) <u>+0.3</u> (Correction Factor) <u>3.3</u> (Actual)	<input type="checkbox"/> Samples on ice, cooling process has begun
Cooler #2 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)	<input type="checkbox"/> Samples on ice, cooling process has begun
Cooler #3 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)	<input type="checkbox"/> Samples on ice, cooling process has begun
Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)	<input type="checkbox"/> Samples on ice, cooling process has begun
Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)	<input type="checkbox"/> Samples on ice, cooling process has begun
Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)	<input type="checkbox"/> Samples on ice, cooling process has begun

Courier:  Fed Ex    UPS    USPS    Client    Commercial    Pace    Other \_\_\_\_\_

Shipping Method:    First Overnight    Priority Overnight    Standard Overnight    Ground    International Priority

Other \_\_\_\_\_

Billing:    Recipient    Sender    Third Party    Credit Card    Unknown

Tracking # \_\_\_\_\_ 9218 4845 1682

Custody Seal on Cooler/Box Present:  Yes    No      Seals intact:  Yes    No      Ice: Wet   Blue   Dry   None

Packing Material:    Bubble Wrap    Bubble Bags    None    Other \_\_\_\_\_

Samples shorted to lab (If Yes, complete)      Shorted Date: \_\_\_\_\_      Shorted Time: \_\_\_\_\_      Qty: \_\_\_\_\_

**Comments:**

Chain of Custody Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<u>no sampler information.</u>
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC, O&G, Carbamates		
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

**Client Notification/ Resolution:**  
 Person Contacted: \_\_\_\_\_      Date/Time: \_\_\_\_\_

**Comments/ Resolution (use back for additional comments):**  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Project Manager Review: \_\_\_\_\_      Date: \_\_\_\_\_