

December 07, 2021

Keith Gadway  
Quantum Environmental  
4111 Jackson Road  
Ann Arbor, MI 48103

RE: Project: 14-DX  
Pace Project No.: 35678906

Dear Keith Gadway:

Enclosed are the analytical results for sample(s) received by the laboratory on November 12, 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,



Bill White  
bill.white@pacelabs.com  
(386) 672-5668  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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

## CERTIFICATIONS

Project: 14-DX  
Pace Project No.: 35678906

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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

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

Maine Certification #: FL01264

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: 14-DX  
Pace Project No.: 35678906

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35678906001	3071	Water	11/11/21 12:30	11/12/21 10:50
35678906002	3435	Water	11/11/21 12:30	11/12/21 10:50
35678906003	3603	Water	11/11/21 12:30	11/12/21 10:50
35678906004	3629	Water	11/11/21 12:30	11/12/21 10:50
35678906005	3655	Water	11/11/21 12:30	11/12/21 10:50
35678906006	3488	Water	11/11/21 12:30	11/12/21 10:50
35678906007	3518	Water	11/11/21 12:30	11/12/21 10:50
35678906008	1030	Water	11/11/21 12:30	11/12/21 10:50
35678906009	943	Water	11/11/21 12:30	11/12/21 10:50
35678906010	847	Water	11/11/21 12:30	11/12/21 10:50
35678906011	685	Water	11/11/21 12:30	11/12/21 10:50
35678906012	755	Water	11/11/21 12:30	11/12/21 10:50
35678906013	3615	Water	11/11/21 12:30	11/12/21 10:50
35678906014	3421	Water	11/11/21 12:30	11/12/21 10:50
35678906015	1020	Water	11/11/21 12:30	11/12/21 10:50

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 14-DX  
Pace Project No.: 35678906

Lab ID	Sample ID	Method	Analysts	Analytes Reported
35678906001	3071	EPA 522	PFG	2
35678906002	3435	EPA 522	PFG	2
35678906003	3603	EPA 522	PFG	2
35678906004	3629	EPA 522	PFG	2
35678906005	3655	EPA 522	PFG	2
35678906006	3488	EPA 522	PFG	2
35678906007	3518	EPA 522	PFG	2
35678906008	1030	EPA 522	PFG	2
35678906009	943	EPA 522	PFG	2
35678906010	847	EPA 522	PFG	2
35678906011	685	EPA 522	PFG	2
35678906012	755	EPA 522	PFG	2
35678906013	3615	EPA 522	PFG	2
35678906014	3421	EPA 522	PFG	2
35678906015	1020	EPA 522	PFG	2

PASI-O = Pace Analytical Services - Ormond Beach

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 14-DX  
Pace Project No.: 35678906

Sample: 3071      Lab ID: 35678906001      Collected: 11/11/21 12:30      Received: 11/12/21 10:50      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522    Preparation Method: EPA 522 Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 14:05	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	82	%	70-130		1	12/01/21 18:57	12/02/21 14:05		

Sample: 3435      Lab ID: 35678906002      Collected: 11/11/21 12:30      Received: 11/12/21 10:50      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522    Preparation Method: EPA 522 Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	1.0	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 14:21	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	91	%	70-130		1	12/01/21 18:57	12/02/21 14:21		

Sample: 3603      Lab ID: 35678906003      Collected: 11/11/21 12:30      Received: 11/12/21 10:50      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522    Preparation Method: EPA 522 Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 14:37	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	90	%	70-130		1	12/01/21 18:57	12/02/21 14:37		

Sample: 3629      Lab ID: 35678906004      Collected: 11/11/21 12:30      Received: 11/12/21 10:50      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522    Preparation Method: EPA 522 Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 14:53	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	85	%	70-130		1	12/01/21 18:57	12/02/21 14:53		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 14-DX  
Pace Project No.: 35678906

Sample: 3655									
Lab ID: 35678906005									
Collected: 11/11/21 12:30									
Received: 11/12/21 10:50									
Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 15:09	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	84	%	70-130		1	12/01/21 18:57	12/02/21 15:09		

Sample: 3488									
Lab ID: 35678906006									
Collected: 11/11/21 12:30									
Received: 11/12/21 10:50									
Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 15:25	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	87	%	70-130		1	12/01/21 18:57	12/02/21 15:25		

Sample: 3518									
Lab ID: 35678906007									
Collected: 11/11/21 12:30									
Received: 11/12/21 10:50									
Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 15:41	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	83	%	70-130		1	12/01/21 18:57	12/02/21 15:41		

Sample: 1030									
Lab ID: 35678906008									
Collected: 11/11/21 12:30									
Received: 11/12/21 10:50									
Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	0.71	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 15:57	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	83	%	70-130		1	12/01/21 18:57	12/02/21 15:57		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 14-DX  
Pace Project No.: 35678906

<b>Sample: 943</b>									
<b>Lab ID: 35678906009</b>									
Collected: 11/11/21 12:30 Received: 11/12/21 10:50 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 16:29	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	82	%	70-130		1	12/01/21 18:57	12/02/21 16:29		

<b>Sample: 847</b>									
<b>Lab ID: 35678906010</b>									
Collected: 11/11/21 12:30 Received: 11/12/21 10:50 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 16:45	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	88	%	70-130		1	12/01/21 18:57	12/02/21 16:45		

<b>Sample: 685</b>									
<b>Lab ID: 35678906011</b>									
Collected: 11/11/21 12:30 Received: 11/12/21 10:50 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 17:17	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	81	%	70-130		1	12/01/21 18:57	12/02/21 17:17		

<b>Sample: 755</b>									
<b>Lab ID: 35678906012</b>									
Collected: 11/11/21 12:30 Received: 11/12/21 10:50 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	0.26	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 17:33	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	83	%	70-130		1	12/01/21 18:57	12/02/21 17:33		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 14-DX  
Pace Project No.: 35678906

<b>Sample: 3615</b>									
<b>Lab ID: 35678906013</b>									
Collected: 11/11/21 12:30 Received: 11/12/21 10:50 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 17:49	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	87	%	70-130		1	12/01/21 18:57	12/02/21 17:49		

<b>Sample: 3421</b>									
<b>Lab ID: 35678906014</b>									
Collected: 11/11/21 12:30 Received: 11/12/21 10:50 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 18:05	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	80	%	70-130		1	12/01/21 18:57	12/02/21 18:05		

<b>Sample: 1020</b>									
<b>Lab ID: 35678906015</b>									
Collected: 11/11/21 12:30 Received: 11/12/21 10:50 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	0.46	ug/L	0.20	0.12	1	12/01/21 18:57	12/02/21 18:21	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	82	%	70-130		1	12/01/21 18:57	12/02/21 18:21		

### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 14-DX  
Pace Project No.: 35678906

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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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

S0 Surrogate recovery outside laboratory control limits.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

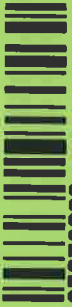
Project: 14-DX  
Pace Project No.: 35678906

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35678906001	3071	EPA 522	782037	EPA 522	782274
35678906002	3435	EPA 522	782037	EPA 522	782274
35678906003	3603	EPA 522	782037	EPA 522	782274
35678906004	3629	EPA 522	782037	EPA 522	782274
35678906005	3655	EPA 522	782037	EPA 522	782274
35678906006	3488	EPA 522	782037	EPA 522	782274
35678906007	3518	EPA 522	782037	EPA 522	782274
35678906008	1030	EPA 522	782037	EPA 522	782274
35678906009	943	EPA 522	782037	EPA 522	782274
35678906010	847	EPA 522	782037	EPA 522	782274
35678906011	685	EPA 522	782037	EPA 522	782274
35678906012	755	EPA 522	782037	EPA 522	782274
35678906013	3615	EPA 522	782037	EPA 522	782274
35678906014	3421	EPA 522	782037	EPA 522	782274
35678906015	1020	EPA 522	782037	EPA 522	782274

### REPORT OF LABORATORY ANALYSIS

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# WO#: 35678906



Submitting a sample via this chain of custody copy:

Page: 1 of 2



**Section A**

**Required Client Information:**

Company: Quantum Environmental  
 Address: 4111 Jackson Road  
 Ann Arbor, MI 48103  
 Email: kquadway@quantumentl.com  
 Phone: (734) 930-2600 Fax:  
 Requested Due Date:

**Required Project Information:**

Report To: Keith Gadoway  
 Copy To:  
 Purchase Order #:  
 Project Name: 14-Dx  
 Project #:

**Invoice Information:**

Attention:  
 Company Name:  
 Address:  
 Pace Quote:  
 Pace Project Manager: bill.white@pacelabs.com  
 Pace Profile #: 45042

Regulatory Agency

State / Location

MI

ITEM #	MATRIX CODES Drinking Water WTE Waste Water Product Soil/Sediment Oil Wipe AC AEC OTE Tissue	MATRIX CODE (See valid codes to left)	COLLECTED				# OF CONTAINERS	PRESERVATIVES	ANALYSES TEST	Requested Analysis Filtered (Y/N)				TEMP in C	Received on	Custody	Sealed	Cooler	Samples (Y/N)
			START	END	DATE	TIME				DATE	TIME	DATE	TIME						
			DATE	TIME	DATE	TIME				DATE	TIME	DATE	TIME						
1		DW-19	11/11	10:00	11/11	12:30	1	Unpreserved	FL 522 1,4-Dioxane	X									
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

Additional Comments: Metacry 11/21/11 10:50 5.7 y 4 y

SAMPLER NAME AND SIGNATURE  
 PRINT Name of SAMPLER: MICHAEL S. PROCHASKA  
 SIGNATURE of SAMPLER: [Signature]  
 DATE Signed: 11/11

**WO#: 35678906**

**PM: MBW** Due Date: 11/23/21  
**CLIENT: QUANTUMENV**

urately.  
 ndard-terms.pdf.

Page: 2 of 2

**CHAIN-OF-CUSTODY**  
 The Chain-of-Custody

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the

**Section A**

**Required Client Information:**  
 Company: Quantum Environmental  
 Address: 4111 Jackson Road  
 Ann Arbor, MI 48103  
 Email: kquadway@quantumenvironmental.com  
 Phone: (734) 930-2800 Fax  
 Requested Due Date:

**Required Project Information:**  
 Report To: Keith Gadoway  
 Copy To:  
 Purchase Order #:  
 Project Name: 14-Dx  
 Project #:

**Invoice Information:**  
 Company Name:  
 Address:  
 Place Project Manager: bill.white@pacelabs.com  
 Place Profile #: 15042

**Regulatory Agency:**  
 State Location MI

**Section B**

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (S=GRAB C=COMP)	COLLECTED		DATE	TIME	DATE	TIME	# OF CONTAINERS	SAMPLE TEMP AT COLLECTION	Preservatives	Analytes Test Y/N	Requested Analysis Filtered (Y/N)
			START	END									
1	943	9	11/11 10:00	11/11 12:30	11/11	10:00	11/11	12:30	1		X	X	FL 522 1,4-Dioxane
2	847												
3	685												
4	755												
5	3615												
6	3421												
7	1020												
8													
9													
10													
11													
12													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
				Melroy	11/21	10:57	Y

**SAMPLER NAME AND SIGNATURE**  
 PRINT Name of SAMPLER: MICHAEL S. PROCHASKA  
 SIGNATURE of SAMPLER: [Signature]  
 DATE Signed: 11/11

WO#: 35678906

Project #

PM: WBW

Due Date: 11/23/21

Project Manager:

CLIENT: QUANTUMENV

Client:

Date and Initials of person:

Examining contents: \_\_\_\_\_

Label: \_\_\_\_\_

Deliver: \_\_\_\_\_

pH: \_\_\_\_\_

Thermometer Used: T-389

Date: 11/12/21

Time: 1058

Initials: AS

State of Origin: \_\_\_\_\_

For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C 5.7 (Visual) 0 (Correction Factor) 5.7 (Actual)

Samples on ice, cooling process has begun

Cooler #2 Temp.°C 4.9 (Visual) 0 (Correction Factor) 4.9 (Actual)

Samples on ice, cooling process has begun

Cooler #3 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun

Cooler #4 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun

Cooler #5 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun

Cooler #6 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun

Recheck for OOT °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual) Time: \_\_\_\_\_ Initials: \_\_\_\_\_

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 # \_\_\_\_\_

Custody Seal on Cooler/Box Present:  Yes  No Seals intact:  Yes  No Ice: Wet Blue Melted 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 type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input 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 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: Exceptions: Vials, Microbiology, O&G, PFAS	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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