

July 26, 2017

Glenn Walker  
Brunswick County Water Systems  
3954 Clearwell Dr. NE  
Leland, NC 28451

RE: Project: 1,4-Dx-522  
Pace Project No.: 35325537

Dear Glenn Walker:

Enclosed are the analytical results for sample(s) received by the laboratory on July 22, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Lisa Harvey  
lisa.harvey@pacelabs.com  
(386) 672-5668  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1,4-Dx-522

Pace Project No.: 35325537

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### Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174  
Alabama Certification #: 41320  
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  
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  
Nevada Certification: FL NELAC Reciprocity  
New York Certification #: 11608  
North Carolina Environmental Certificate #: 667  
North Carolina Certification #: 12710  
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  
Wyoming Certification: FL NELAC Reciprocity  
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: 1,4-Dx-522

Pace Project No.: 35325537

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35325537001	Well #5	Drinking Water	07/21/17 08:11	07/22/17 09:30
35325537002	Well #3	Drinking Water	07/21/17 08:19	07/22/17 09:30
35325537003	Well #1	Drinking Water	07/21/17 08:27	07/22/17 09:30
35325537004	Well #2	Drinking Water	07/21/17 08:34	07/22/17 09:30
35325537005	Well #16	Drinking Water	07/21/17 08:40	07/22/17 09:30
35325537006	Well #17	Drinking Water	07/21/17 08:47	07/22/17 09:30
35325537007	Well #19	Drinking Water	07/21/17 08:56	07/22/17 09:30
35325537008	Well #8	Drinking Water	07/21/17 09:11	07/22/17 09:30
35325537009	Well #12A	Drinking Water	07/21/17 09:29	07/22/17 09:30
35325537010	Well #11	Drinking Water	07/21/17 09:33	07/22/17 09:30
35325537011	WT2 Finish	Drinking Water	07/21/17 09:58	07/22/17 09:30
35325537012	Pre Filter	Drinking Water	07/21/17 10:02	07/22/17 09:30
35325537013	Post Filter	Drinking Water	07/21/17 10:10	07/22/17 09:30
35325537014	Raw Combined	Drinking Water	07/21/17 10:06	07/22/17 09:30

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1,4-Dx-522

Pace Project No.: 35325537

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35325537001	Well #5	EPA 522	JDT	2	PASI-O
35325537002	Well #3	EPA 522	JDT	2	PASI-O
35325537003	Well #1	EPA 522	JDT	2	PASI-O
35325537004	Well #2	EPA 522	JDT	2	PASI-O
35325537005	Well #16	EPA 522	JDT	2	PASI-O
35325537006	Well #17	EPA 522	JDT	2	PASI-O
35325537007	Well #19	EPA 522	JDT	2	PASI-O
35325537008	Well #8	EPA 522	JDT	2	PASI-O
35325537009	Well #12A	EPA 522	JDT	2	PASI-O
35325537010	Well #11	EPA 522	JDT	2	PASI-O
35325537011	WT2 Finish	EPA 522	JDT	2	PASI-O
35325537012	Pre Filter	EPA 522	JDT	2	PASI-O
35325537013	Post Filter	EPA 522	JDT	2	PASI-O
35325537014	Raw Combined	EPA 522	JDT	2	PASI-O

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1,4-Dx-522

Pace Project No.: 35325537

**Sample: Well #5**      **Lab ID: 35325537001**      Collected: 07/21/17 08:11      Received: 07/22/17 09:30      Matrix: Drinking 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									
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 09:58	123-91-1	Y
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	90	%	70-130		1	07/24/17 14:00	07/25/17 09:58		

**Sample: Well #3**      **Lab ID: 35325537002**      Collected: 07/21/17 08:19      Received: 07/22/17 09:30      Matrix: Drinking 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									
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 10:17	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	96	%	70-130		1	07/24/17 14:00	07/25/17 10:17		

**Sample: Well #1**      **Lab ID: 35325537003**      Collected: 07/21/17 08:27      Received: 07/22/17 09:30      Matrix: Drinking 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									
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 10:36	123-91-1	Y
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	94	%	70-130		1	07/24/17 14:00	07/25/17 10:36		

**Sample: Well #2**      **Lab ID: 35325537004**      Collected: 07/21/17 08:34      Received: 07/22/17 09:30      Matrix: Drinking 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									
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 10:54	123-91-1	Y
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	95	%	70-130		1	07/24/17 14:00	07/25/17 10:54		

**Sample: Well #16**      **Lab ID: 35325537005**      Collected: 07/21/17 08:40      Received: 07/22/17 09:30      Matrix: Drinking 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									
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 11:32	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	96	%	70-130		1	07/24/17 14:00	07/25/17 11:32		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1,4-Dx-522

Pace Project No.: 35325537

Sample: Well #17		Lab ID: 35325537006	Collected: 07/21/17 08:47	Received: 07/22/17 09:30	Matrix: Drinking 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							
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 11:51	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	94	%	70-130		1	07/24/17 14:00	07/25/17 11:51		

Sample: Well #19		Lab ID: 35325537007	Collected: 07/21/17 08:56	Received: 07/22/17 09:30	Matrix: Drinking 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							
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 12:10	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	99	%	70-130		1	07/24/17 14:00	07/25/17 12:10		

Sample: Well #8		Lab ID: 35325537008	Collected: 07/21/17 09:11	Received: 07/22/17 09:30	Matrix: Drinking 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							
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 12:28	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	94	%	70-130		1	07/24/17 14:00	07/25/17 12:28		

Sample: Well #12A		Lab ID: 35325537009	Collected: 07/21/17 09:29	Received: 07/22/17 09:30	Matrix: Drinking 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							
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 12:47	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	96	%	70-130		1	07/24/17 14:00	07/25/17 12:47		

Sample: Well #11		Lab ID: 35325537010	Collected: 07/21/17 09:33	Received: 07/22/17 09:30	Matrix: Drinking 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							
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 13:06	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	95	%	70-130		1	07/24/17 14:00	07/25/17 13:06		

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1,4-Dx-522

Pace Project No.: 35325537

**Sample: WT2 Finish**      **Lab ID: 35325537011**      Collected: 07/21/17 09:58      Received: 07/22/17 09:30      Matrix: Drinking 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									
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 13:25	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	94	%	70-130		1	07/24/17 14:00	07/25/17 13:25		

**Sample: Pre Filter**      **Lab ID: 35325537012**      Collected: 07/21/17 10:02      Received: 07/22/17 09:30      Matrix: Drinking 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									
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 13:44	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	94	%	70-130		1	07/24/17 14:00	07/25/17 13:44		

**Sample: Post Filter**      **Lab ID: 35325537013**      Collected: 07/21/17 10:10      Received: 07/22/17 09:30      Matrix: Drinking 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									
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 14:03	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	93	%	70-130		1	07/24/17 14:00	07/25/17 14:03		

**Sample: Raw Combined**      **Lab ID: 35325537014**      Collected: 07/21/17 10:06      Received: 07/22/17 09:30      Matrix: Drinking 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									
1,4-Dioxane (p-Dioxane)	<b>0.028 U</b>	ug/L	0.070	0.028	1	07/24/17 14:00	07/25/17 14:22	123-91-1	
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	93	%	70-130		1	07/24/17 14:00	07/25/17 14:22		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 1,4-Dx-522  
Pace Project No.: 35325537

QC Batch: 382595 Analysis Method: EPA 522  
QC Batch Method: EPA 522 Analysis Description: 522 MSS 1,4 Dioxane  
Associated Lab Samples: 35325537001, 35325537002, 35325537003, 35325537004, 35325537005, 35325537006, 35325537007, 35325537008, 35325537009, 35325537010, 35325537011, 35325537012, 35325537013, 35325537014

METHOD BLANK: 2076371 Matrix: Water  
Associated Lab Samples: 35325537001, 35325537002, 35325537003, 35325537004, 35325537005, 35325537006, 35325537007, 35325537008, 35325537009, 35325537010, 35325537011, 35325537012, 35325537013, 35325537014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	0.028 U	0.070	0.028	07/25/17 06:30	
1,4-Dioxane-d8 (S)	%	95	70-130		07/25/17 06:30	

LABORATORY CONTROL SAMPLE: 2076372

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	.04	0.038 I	95	50-150	
1,4-Dioxane-d8 (S)	%			98	70-130	

LABORATORY CONTROL SAMPLE: 2077161

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	2	1.9	96	50-150	
1,4-Dioxane-d8 (S)	%			93	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2077260 2077261

Parameter	Units	353255381001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dioxane (p-Dioxane)	ug/L	0.25	.04	.04	0.044 I	0.042 I	-515	-520	70-130		20	J(M1)
1,4-Dioxane-d8 (S)	%						11	10	70-130			J(S0)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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## QUALIFIERS

Project: 1,4-Dx-522

Pace Project No.: 35325537

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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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

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.

### LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

### ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U Compound was analyzed for but not detected.

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

J(S0) Estimated Value. Surrogate recovery outside laboratory control limits.

Y The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1,4-Dx-522

Pace Project No.: 35325537

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35325537001	Well #5	EPA 522	382595	EPA 522	382932
35325537002	Well #3	EPA 522	382595	EPA 522	382932
35325537003	Well #1	EPA 522	382595	EPA 522	382932
35325537004	Well #2	EPA 522	382595	EPA 522	382932
35325537005	Well #16	EPA 522	382595	EPA 522	382932
35325537006	Well #17	EPA 522	382595	EPA 522	382932
35325537007	Well #19	EPA 522	382595	EPA 522	382932
35325537008	Well #8	EPA 522	382595	EPA 522	382932
35325537009	Well #12A	EPA 522	382595	EPA 522	382932
35325537010	Well #11	EPA 522	382595	EPA 522	382932
35325537011	WT2 Finish	EPA 522	382595	EPA 522	382932
35325537012	Pre Filter	EPA 522	382595	EPA 522	382932
35325537013	Post Filter	EPA 522	382595	EPA 522	382932
35325537014	Raw Combined	EPA 522	382595	EPA 522	382932

### REPORT OF LABORATORY ANALYSIS

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WO#: 35325537



**CHAIN-OF-CUSTODY / Analytical Request Document**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

**REGULATORY AGENCY**

NPDES  GROUND WATER  DRINKING WATER  
 UST  RCRA  OTHER

**SITE**  GA  IL  IN  MI  NC  
**LOCATION**  OH  SC  W  OTHER

Filtered (Y/N) \_\_\_\_\_

Requested Analysis: *14 Disinfection*

Residual Chlorine (Y/N) \_\_\_\_\_

Trace Project Number Lab I.D. \_\_\_\_\_

**Section A**

RETURN SAMPLES TO:  
 Attention: Sample Receiving  
 Company Name: Pace Analytical Services, Inc.  
 Address: \_\_\_\_\_  
 Pace Quote Reference: \_\_\_\_\_  
 Pace Project Manager: isa.harvey@paceabs.com  
 Project Profile #: 9551-1

**Section B**

Valid Matrix Codes  
 MATRIX: DRINKING WATER, WASTE WATER, WASTEWATER, SOLID, OIL, WIFE, OTHER, TISSUE  
 CODE: DW, WT, WW, SL, OL, WP, WPA, OT, TS

**Section C**

Required Client Information  
**SAMPLE ID**  
 One Character per box.  
 (A-Z, 0-9, /, -)  
 Samples IDs MUST BE UNIQUE

#	MATRIX CODE	SAMPLE TYPE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	PRESERVATIVES						Other	Requested Analysis	Residual Chlorine (Y/N)	Trace Project Number Lab I.D.
			COMPOSITE START DATE	COMPOSITE END/GRAB TIME			Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> O <sub>3</sub>				
1	WE	G	7/21	8:11		1								X		
2	WE	G	7/21	8:19		1								X		
3	WE	G	7/21	8:27		1								X		
4	WE	G	7/21	8:34		1								X		
5	WE	G	7/21	8:40		1								X		
6	WE	G	7/21	8:47		1								X		
7	WE	G	7/21	8:56		1								X		
8	WE	G	7/21	9:11		1								X		
9	WE	G	7/21	9:21		1								X		
10	WE	G	7/21	9:33		1								X		
11																
12																

**RELINQUISHED BY / AFFILIATION** *Bl... Fedex* **DATE** *7/17/17* **TIME** *0930*

**ACCEPTED BY / AFFILIATION** *Alphie Sch... Fedex* **DATE** *7/22/17* **TIME** *0930*

**TEMP IN °C** *1.1*

**SAMPLE CONDITIONS**

Received on Ice: Y/N

Custody Sealed Cooler: Y/N

Samples Intact: Y/N

**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: \_\_\_\_\_

SIGNATURE of SAMPLER: \_\_\_\_\_

DATE Signed (MM/DD/YYYY): \_\_\_\_\_

Additional Comments: Please fill containers and return in the cooler filled with ice to:

**Pace Analytical Services, Inc.**  
 8 East Tower Circle  
 Ormond Beach, FL 32174



# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 Of 2

**Section A**  
**Required Client Information:**  
 Company: Brunswick County Water System  
 Address: 3954 Cleanwell Dr. NE  
 Lenoir, NC 28451  
 Email: glenn.walker@brunswickcountync.gov  
 Phone: 910-371-3490 | Fax:  
 Requested Due Date:

**Section B**  
**Required Project Information:**  
 Report To: Glenn Walker  
 Copy To:  
 Purchase Order #: 1,4-Dx-522  
 Project Name: lisa.harvey@pacelabs.com.  
 Project #: 9551-1

**Section C**  
**Invoice Information:**  
 Attention:  
 Company Name:  
 Address:  
 Pace Quote:  
 Pace Project Manager:  
 Pace Profile #:

**Regulatory Agency**  
**State / Location**  
 NC

ITEM #	MATRIX	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		DATE	TIME	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Received on	Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
				START	END												
1	WTZ Finish	DW	G	7/21/17	9:59												
2	Pre filter	WT	G	7/21	10:02												
3	Post filter	WT	G	7/21	10:10												
4	Raw Combined	WT	G	7/21	10:06												
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

**Requested Analysis Filtered (Y/N)**

Analyses Test Y/N

522 1,4-dioxane X

522 1,4-dioxane X

522 1,4-dioxane X

522 1,4-dioxane X

Residual Chlorine (Y/N)

TEMP in C

1.1 Y Y Y

7296

**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: Glenn Walker

SIGNATURE of SAMPLER: *Glenn Walker*

DATE Signed: 7/21/17

DATE: 7/21/17

TIME: 17:30

ACCEPTED BY / AFFILIATION: *Glenn Walker*

DATE: 7/21/17

TIME: 16:00

RELINQUISHED BY / AFFILIATION: *Glenn Walker*

DATE: 7/21/17

TIME: 16:00

ADDITIONAL COMMENTS: SAMPLING KIT-EMPTY



Document Name:  
Sample Condition Upon Receipt Form  
Document No.:  
F-FL-C-007 rev. 11

Document Revised:  
February 6, 2017  
Issuing Authority:  
Pace Florida Quality Office

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

**Project #** WO# : 35325537  
**Project Manager:** PM: LMH **Due Date:** 07/26/17  
**Client:** CLIENT: BRUNCOWS

**Date and Initials of person:**  
**Examining contents:** \_\_\_\_\_  
**Label:** \_\_\_\_\_  
**Deliver:** \_\_\_\_\_  
**pH:** \_\_\_\_\_

Thermometer Used: T286 Date: 7/22/17 Time: 0930 Initials: SS

- |   |  |
|---|--|
| Cooler #1 Temp.°C <u>1.0</u> (Visual) <u>40.1</u> (Correction Factor) <u>1.1</u> (Actual) | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #2 Temp.°C <u>0.7</u> (Visual) <u>40.1</u> (Correction Factor) <u>0.8</u> (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  Other \_\_\_\_\_  
**Billing:**  Recipient  Sender  Third Party  Unknown

**Tracking #** 7872 5892 3177 / 7422 5599 4340

**Custody Seal on Cooler/Box Present:**  Yes  No **Seals intact:**  Yes  No **Ice:**  Wet  Blue  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 checked="" 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 info</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 type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<u>SS 7/22/17</u>
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: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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):**  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_