Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
954-582-4300

May 03, 2019

Robert D. Ailstock
Town of Highland Beach
3614 South Ocean Blvd
Highland Beach, FL 33487

RE: Project: ECR II
Pace Project No.: 35463611

Dear Robert Ailstock:
Enclosed are the analytical results for sample(s) received by the laboratory on April 24, 2019. 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,

Amy Weinberg
amy.weinberg@pacelabs.com
(813) 881-9401
Project Manager

Enclosures

cc: Operator, Town of Highland Beach

Pace Analytical Services, LLC
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CERTIFICATIONS

Project: ECR II
Pace Project No.: 35463611

Ormond Beach Certification IDs

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
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

South Florida Certification IDs

3610 Park Central Blvd N, Pompano Beach, FL 33064
Florida Certification #: E86240

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SAMPLE SUMMARY

Project: ECR II
Pace Project No.: 35463611

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35463611001	**Well #6**	Water	04/24/19 09:20	04/24/19 13:43
35463611002	**Well #7**	Water	04/24/19 10:20	04/24/19 13:43
35463611003	**Well #8**	Water	04/24/19 09:00	04/24/19 13:43

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SAMPLE ANALYTE COUNT

Project: ECR II
Pace Project No.: 35463611

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35463611001	**Well #6**	EPA 6010	LEC, SC1	3	PASI-O
		SM 2540C	GDV	1	PASI-SF
		SM2120B-01	AMP	2	PASI-O
		EPA 300.0	SEW	1	PASI-O
		EPA 353.2	CLL	1	PASI-O
35463611002	**Well #7**	EPA 6010	LEC, SC1	3	PASI-O
		SM 2540C	GDV	1	PASI-SF
		SM2120B-01	AMP	2	PASI-O
		EPA 300.0	SEW	1	PASI-O
		EPA 353.2	CLL	1	PASI-O
35463611003	**Well #8**	EPA 6010	LEC, SC1	3	PASI-O
		SM 2540C	GDV	1	PASI-SF
		SM2120B-01	AMP	2	PASI-O
		EPA 300.0	SEW	1	PASI-O
		EPA 353.2	CLL	1	PASI-O

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ANALYTICAL RESULTS

Project: ECR II
Pace Project No.: 35463611

Sample: Well #6 **Lab ID: 35463611001** Collected: 04/24/19 09:20 Received: 04/24/19 13:43 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.58**	Std. Units			1		04/24/19 09:20		
Field Temperature	**23.6**	deg C			1		04/24/19 09:20		
Field Specific Conductance	**11560**	umhos/cm			1		04/24/19 09:20		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Calcium	**186**	mg/L	5.0	0.64	10	04/25/19 10:37	04/29/19 13:28	7440-70-2	
Ca Hardness as CaCO3 (SM 2340B	**465**	mg/L	12.5	1.6	10	04/25/19 10:37	04/29/19 13:28		
Iron	**0.0092 U**	mg/L	0.040	0.0092	1	04/25/19 10:37	04/26/19 19:34	7439-89-6	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**6620**	mg/L	100	100	1		04/25/19 14:43		
2120B True Color	Analytical Method: SM2120B-01								
pH	**7.5**	units			1		04/25/19 18:47		
True Color	**5.0 U**	units	5.0	5.0	1		04/25/19 18:47		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**3550**	mg/L	500	250	100		05/02/19 03:11	16887-00-6	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025 U**	mg/L	0.050	0.025	1		04/25/19 05:49	14797-55-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: ECR II
Pace Project No.: 35463611

Sample: Well #7 **Lab ID: 35463611002** Collected: 04/24/19 10:20 Received: 04/24/19 13:43 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.59**	Std. Units			1		04/24/19 10:20		
Field Temperature	**23.4**	deg C			1		04/24/19 10:20		
Field Specific Conductance	**8690**	umhos/cm			1		04/24/19 10:20		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Calcium	**152**	mg/L	5.0	0.64	10	04/25/19 10:37	04/29/19 13:32	7440-70-2	
Ca Hardness as CaCO3 (SM 2340B	**380**	mg/L	12.5	1.6	10	04/25/19 10:37	04/29/19 13:32		
Iron	**0.0092 U**	mg/L	0.040	0.0092	1	04/25/19 10:37	04/26/19 19:37	7439-89-6	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5190**	mg/L	50.0	50.0	1		04/25/19 14:43		
2120B True Color	Analytical Method: SM2120B-01								
pH	**7.6**	units			1		04/25/19 18:47		
True Color	**5.0 U**	units	5.0	5.0	1		04/25/19 18:47		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2810**	mg/L	250	125	50		05/02/19 03:33	16887-00-6	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025 U**	mg/L	0.050	0.025	1		04/25/19 05:59	14797-55-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ECR II
Pace Project No.: 35463611

Sample: Well #8 **Lab ID: 35463611003** Collected: 04/24/19 09:00 Received: 04/24/19 13:43 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.59**	Std. Units			1		04/24/19 09:00		
Field Temperature	**24.2**	deg C			1		04/24/19 09:00		
Field Specific Conductance	**14520**	umhos/cm			1		04/24/19 09:00		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Calcium	**207**	mg/L	5.0	0.64	10	04/25/19 10:37	04/29/19 13:36	7440-70-2	
Ca Hardness as CaCO3 (SM 2340B	**518**	mg/L	12.5	1.6	10	04/25/19 10:37	04/29/19 13:36		
Iron	**0.0092 U**	mg/L	0.040	0.0092	1	04/25/19 10:37	04/26/19 19:39	7439-89-6	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**9420**	mg/L	100	100	1		04/25/19 14:43		
2120B True Color	Analytical Method: SM2120B-01								
pH	**7.5**	units			1		04/25/19 18:47		
True Color	**5.0**	units	5.0	5.0	1		04/25/19 18:47		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**5310**	mg/L	500	250	100		05/02/19 03:56	16887-00-6	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025 U**	mg/L	0.050	0.025	1		04/25/19 05:44	14797-55-8	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ECR II
Pace Project No.: 35463611

QC Batch: 533793 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35463611001, 35463611002, 35463611003

METHOD BLANK: 2891691 Matrix: Water
Associated Lab Samples: 35463611001, 35463611002, 35463611003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	mg/L	0.18 I	1.2	0.16	04/29/19 13:24	
Calcium	mg/L	0.071 I	0.50	0.064	04/29/19 13:24	
Iron	mg/L	0.0092 U	0.040	0.0092	04/26/19 17:43	

LABORATORY CONTROL SAMPLE: 2891692

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	mg/L	31.2	30.9	99	80-120	
Calcium	mg/L	12.5	12.4	99	80-120	
Iron	mg/L	2.5	2.5	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2891693 2891694

Parameter	Units	35463305001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ca Hardness as CaCO3 (SM 2340B	mg/L	1140 I ug/L	31.2	31.2	32.9	32.4	102	100	75-125	1	20	
Calcium	mg/L	455 I ug/L	12.5	12.5	13.2	13.0	102	100	75-125	1	20	
Iron	mg/L	102 ug/L	2.5	2.5	2.7	2.6	103	102	75-125	1	20	

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ECR II
Pace Project No.: 35463611

QC Batch: 533915 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35463611001, 35463611002, 35463611003

METHOD BLANK: 2892081 Matrix: Water
Associated Lab Samples: 35463611001, 35463611002, 35463611003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0 U	5.0	5.0	04/25/19 14:42	

LABORATORY CONTROL SAMPLE: 2892082

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	295	98	90-110	

SAMPLE DUPLICATE: 2892083

Parameter	Units	35463611001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	6620	6460	2	5	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ECR II
Pace Project No.: 35463611

QC Batch: 533970 Analysis Method: SM2120B-01
QC Batch Method: SM2120B-01 Analysis Description: 2120B True Color
Associated Lab Samples: 35463611001, 35463611002, 35463611003

METHOD BLANK: 2892558 Matrix: Water
Associated Lab Samples: 35463611001, 35463611002, 35463611003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
pH	units	6.1			04/25/19 18:47	
True Color	units	5.0 U	5.0	5.0	04/25/19 18:47	

SAMPLE DUPLICATE: 2892559

Parameter	Units	35463611001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH	units	7.5	7.5	0		
True Color	units	5.0 U	5.0 U		20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ECR II
Pace Project No.: 35463611

QC Batch: 535209 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35463611001, 35463611002, 35463611003

METHOD BLANK: 2899367 Matrix: Water
Associated Lab Samples: 35463611001, 35463611002, 35463611003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	2.5 U	5.0	2.5	05/01/19 19:20	

LABORATORY CONTROL SAMPLE: 2899368

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.4	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2900060 2900061

Parameter	Units	35461380001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	6.7	50	50	58.9	58.8	104	104	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2900062 2900063

Parameter	Units	35463585001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	130	100	100	245	245	115	115	90-110	0	20	J(M1), L

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ECR II
Pace Project No.: 35463611

QC Batch: 533680 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35463611001, 35463611003

METHOD BLANK: 2891189 Matrix: Water
Associated Lab Samples: 35463611001, 35463611003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025 U	0.050	0.025	04/25/19 05:17	

SAMPLE DUPLICATE: 2891191

Parameter	Units	35463719001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	1.5	1.6	1	20	Q

SAMPLE DUPLICATE: 2891193

Parameter	Units	35463598003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.21	0.21	1	20	

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REPORT OF LABORATORY ANALYSIS

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954-582-4300

QUALITY CONTROL DATA

Project: ECR II
Pace Project No.: 35463611

QC Batch: 533681
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35463611002

METHOD BLANK: 2891195
Matrix: Water
Associated Lab Samples: 35463611002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025 U	0.050	0.025	04/25/19 05:57	

SAMPLE DUPLICATE: 2891197

Parameter	Units	35463611002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025 U	0.025 U		20	

SAMPLE DUPLICATE: 2891199

Parameter	Units	35463553001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.36	0.36	0	20	

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.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: ECR II
Pace Project No.: 35463611

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 - 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.

LABORATORIES

PASI-O	Pace Analytical Services - Ormond Beach
PASI-SF	Pace Analytical Services - South Florida

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.
L	Off-scale high. Actual value is known to be greater than value given.
Q	Sample held beyond the accepted holding time.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ECR II
Pace Project No.: 35463611

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35463611001	**Well #6**				
35463611002	**Well #7**				
35463611003	**Well #8**				
35463611001	**Well #6**	EPA 3010	533793	EPA 6010	533911
35463611002	**Well #7**	EPA 3010	533793	EPA 6010	533911
35463611003	**Well #8**	EPA 3010	533793	EPA 6010	533911
35463611001	**Well #6**	SM 2540C	533915		
35463611002	**Well #7**	SM 2540C	533915		
35463611003	**Well #8**	SM 2540C	533915		
35463611001	**Well #6**	SM2120B-01	533970		
35463611002	**Well #7**	SM2120B-01	533970		
35463611003	**Well #8**	SM2120B-01	533970		
35463611001	**Well #6**	EPA 300.0	535209		
35463611002	**Well #7**	EPA 300.0	535209		
35463611003	**Well #8**	EPA 300.0	535209		
35463611001	**Well #6**	EPA 353.2	533680		
35463611002	**Well #7**	EPA 353.2	533681		
35463611003	**Well #8**	EPA 353.2	533680		

CHAIN OF CUSTODY RECORD

Pace Analytical®
www.pacelabs.com

LAB W.O #_____ Quote:_____

WO# : 35463611

35463611

Container Type Codes
AV Amber Vial ES

Matrix Codes

SD	Solid Waste	OL	Oil
GW	Ground Water	SL	Sludge
EFF	Effluent	SO	Soil Sediment
AFW	Analyte Free H20	AQ	Aqueous
WW	Waste Water	NA	Nonaqueous
DW	Drinking Water	PE	Petroleum
SW	Surface Water	O	Other_____ (Please specify)
ML	Misc. Liquid		

Preservative Type Codes

A. None	E. HCL	I. Ice
B. HNO_3	F. MeOH	J. MCAA
C. H_2SO_4	G. $Na_2S_2O_3$	K. Zn Acetate
D. NaOH	H. $NaHSO_4$	O. Other

Company Name: Town of Highland PO# Beach

Address:

City: State: Zip:

Attn: Dave Ailstock Fax#

email: Phone:

Project Name ECR II Proj #

Sampler Signature: David Richards

Circle One Event: Daily Weekly Monthly Quarterly (Semi-Annual) Annual N/A

LAB ANALYSIS

	Parameters	Ca, Cl Color	Fe, NO3 TDS, CaCO3					pH	Temp	Cond.	EXAMPLE Diss. Lead 6010
Sample											
TRC											
pH											
Pres Codes											
# of Containers Size/Type											1 16ozP

Sample #	Sample ID	Collect Date	Collect Time	Matrix Code*	Field Filtered	Integrity OK(Y/N)	Total # of containers	pH	Temp	Cond.	REMARKS pH	Temp	Cond.
1	Well #6	4/24/19	920	RW				7.58	23.6	11560	7.58	23.6	11560
2	Well #7	4/24/19	1020	RW				7.59	23.4	8690	7.59	23.4	8690
3	Well #8	4/24/19	900	RW				7.59	24.2	14520	7.59	24.2	14520
4													
5													
6													
7													
8													
9													
10													

GP 04/24/19

Circle T.A.T. REQUEST (Rush Fees Approved)
Standard: Y N
RUSH: Today 1D 2D 3D 4D 5D ___

Short Hold: Y_____ N_____

Circle QA/QC Report Level: 1 2 3 4 CLP AFCEE QAPP Other_____

EDD (Fees May Apply): ADaPT SEDD ERPIMS TSV CSV Other_____

COC Condition: OK Incomplete

Required State Certification: FL GA SC NC NJ PA LA TX IL ___

Coolers #'s - Temp °C: 1 ~~2~~ 2 ___ 3 ___ 4 ___ 5 ___

Item	Relinquished by	Affiliation	Date	Time	Received by	Affiliation	Date	Time
1		H.B	4/25/2019	13:43	Juliette Smith	Pace	4/24/19	1343
2								
3								
4								

Lab Use Only	YES	NO	N/A
Non-Conformance Found?		✓	
Samples INTACT upon arrival?	✓		
Received on Wet Ice?	✓		
Proper Preservatives Indicated?	✓		
Received within holding time?	✓		
Custody seals Intact?			✓
Volatiles rec'd without headspace?			✓
Proper Containers Used?	✓		

C.O.C. Serial # 85871

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: May 30, 2018
	Document No.: F-FL-C-007 rev 13	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: **WO# : 35463611**

Project Manager: **PM: ADA** **Due Date: 05/03/19**

Client: **CLIENT: 36-TOHB**

Date and Initials of person: Examining contents: 04/24/19 Label: _____ Deliver: _____ pH: _____

Thermometer Used: T-330 Date: 4/24/19 Time: 1343 Initials: JS

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

Cooler #1 Temp.°C	10.8 (Visual)	0.0 (Correction Factor)	10.8 (Actual)	☐ Samples on ice, cooling process has begun
Cooler #2 Temp.°C	_____ (Visual)	_____ (Correction Factor)	_____ (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

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 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	☑Yes ☐ No ☐N/A	
Chain of Custody Filled Out	☑Yes ☐ No ☐N/A	
Relinquished Signature & Sampler Name COC	☑Yes ☐ No ☐N/A	
Samples Arrived within Hold Time	☑Yes ☐ No ☐N/A	
Rush TAT requested on COC	☐Yes ☑ No ☐N/A	
Sufficient Volume	☑Yes ☐ No ☐N/A	
Correct Containers Used	☑Yes ☐ No ☐N/A	
Containers Intact	☑Yes ☐ No ☐N/A	
Sample Labels match COC (sample IDs & date/time of collection)	☑Yes ☐ No ☐N/A	
All containers needing acid/base preservation have been checked.	☑Yes ☐ No ☐N/A	ALL SAMPLES Preservation Information: Preservative HNO3
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	☐Yes ☑ No ☐N/A	Lot #/Trace #: 353325 Date: 04/24/19 Time: 1515 Initials:
Headspace in VOA Vials? (>6mm):	☐Yes ☐ No ☑N/A	
Trip Blank Present:	☐Yes ☑ No ☐N/A	

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____ Date: _____