

August 06, 2018

Craig Baresel
Palm Island Estates
PO Box 871
Placida, FL 33946

RE: Project: Bacteria
Pace Project No.: 35407474

Dear Craig Baresel:

Enclosed are the analytical results for sample(s) received by the laboratory on July 31, 2018. 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



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: Bacteria
Pace Project No.: 35407474

Tampa Certification IDs

110 South Bayview Blvd., Tampa, FL 34677

Florida Certification #:E84129

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: Bacteria
Pace Project No.: 35407474

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35407474001	Bargelanding	Water	07/31/18 09:30	07/31/18 14:40
35407474002	Palm Dr Pasqual Residence	Water	07/31/18 09:40	07/31/18 14:40
35407474003	Palm Dr #71	Water	07/31/18 09:55	07/31/18 14:40
35407474004	Island House #6	Water	07/31/18 10:05	07/31/18 14:40
35407474005	Boyer Lagoon	Water	07/31/18 10:15	07/31/18 14:40
35407474006	Resort Entrance Gulfside	Water	07/31/18 10:25	07/31/18 14:40
35407474007	Beach Place Lagoon	Water	07/31/18 10:35	07/31/18 14:40
35407474008	Colony #25	Water	07/31/18 10:45	07/31/18 14:40
35407474009	Bocilla Lagoon #352	Water	07/31/18 10:55	07/31/18 14:40
35407474010	Kettle Harbor #291	Water	07/31/18 11:10	07/31/18 14:40
35407474011	Kettle Harbor #290	Water	07/31/18 11:20	07/31/18 14:40

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: Bacteria
Pace Project No.: 35407474

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35407474001	Bargelanding	SM 9222D	HG1	1	PASI-Tp
35407474002	Palm Dr Pasqual Residence	SM 9222D	HG1	1	PASI-Tp
35407474003	Palm Dr #71	SM 9222D	HG1	1	PASI-Tp
35407474004	Island House #6	SM 9222D	HG1	1	PASI-Tp
35407474005	Boyer Lagoon	SM 9222D	HG1	1	PASI-Tp
35407474006	Resort Enterance Gulfside	SM 9222D	HG1	1	PASI-Tp
35407474007	Beach Place Lagoon	SM 9222D	HG1	1	PASI-Tp
35407474008	Colony #25	SM 9222D	HG1	1	PASI-Tp
35407474009	Bocilla Lagoon #352	SM 9222D	HG1	1	PASI-Tp
35407474010	Kettle Harbor #291	SM 9222D	HG1	1	PASI-Tp
35407474011	Kettle Harbor #290	SM 9222D	HG1	1	PASI-Tp

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bacteria
Pace Project No.: 35407474

Sample: Bargelanding		Lab ID: 35407474001		Collected: 07/31/18 09:30		Received: 07/31/18 14:40		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9222D Fecal Coliform Tampa		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	38.0	CFU/100 mL	1.0	1.0	1	07/31/18 15:45	08/01/18 14:59		
Sample: Palm Dr Pasqual Residence		Lab ID: 35407474002		Collected: 07/31/18 09:40		Received: 07/31/18 14:40		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9222D Fecal Coliform Tampa		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	27.0	CFU/100 mL	1.0	1.0	1	07/31/18 15:45	08/01/18 14:59		
Sample: Palm Dr #71		Lab ID: 35407474003		Collected: 07/31/18 09:55		Received: 07/31/18 14:40		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9222D Fecal Coliform Tampa		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	28.0	CFU/100 mL	1.0	1.0	1	07/31/18 15:45	08/01/18 14:59		
Sample: Island House #6		Lab ID: 35407474004		Collected: 07/31/18 10:05		Received: 07/31/18 14:40		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9222D Fecal Coliform Tampa		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	3.0	CFU/100 mL	1.0	1.0	1	07/31/18 15:45	08/01/18 14:59		
Sample: Boyer Lagoon		Lab ID: 35407474005		Collected: 07/31/18 10:15		Received: 07/31/18 14:40		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9222D Fecal Coliform Tampa		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	1.0	CFU/100 mL	1.0	1.0	1	07/31/18 15:45	08/01/18 14:59		
Sample: Resort Entrance Gulfside		Lab ID: 35407474006		Collected: 07/31/18 10:25		Received: 07/31/18 14:40		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9222D Fecal Coliform Tampa		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	1.0 U	CFU/100 mL	1.0	1.0	1	07/31/18 15:45	08/01/18 14:59		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bacteria
Pace Project No.: 35407474

Sample: Beach Place Lagoon		Lab ID: 35407474007		Collected: 07/31/18 10:35		Received: 07/31/18 14:40		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9222D Fecal Coliform Tampa		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	7.0	CFU/100 mL	1.0	1.0	1	07/31/18 15:45	08/01/18 14:59		
Sample: Colony #25		Lab ID: 35407474008		Collected: 07/31/18 10:45		Received: 07/31/18 14:40		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9222D Fecal Coliform Tampa		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	1.0 U	CFU/100 mL	1.0	1.0	1	07/31/18 15:45	08/01/18 14:59		
Sample: Bocilla Lagoon #352		Lab ID: 35407474009		Collected: 07/31/18 10:55		Received: 07/31/18 14:40		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9222D Fecal Coliform Tampa		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	1.0 U	CFU/100 mL	1.0	1.0	1	07/31/18 15:45	08/01/18 14:59		
Sample: Kettle Harbor #291		Lab ID: 35407474010		Collected: 07/31/18 11:10		Received: 07/31/18 14:40		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9222D Fecal Coliform Tampa		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	1.0 U	CFU/100 mL	1.0	1.0	1	07/31/18 15:45	08/01/18 14:59		
Sample: Kettle Harbor #290		Lab ID: 35407474011		Collected: 07/31/18 11:20		Received: 07/31/18 14:40		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9222D Fecal Coliform Tampa		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	9.0	CFU/100 mL	1.0	1.0	1	07/31/18 15:45	08/01/18 14:59		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bacteria
Pace Project No.: 35407474

QC Batch:	465883	Analysis Method:	SM 9222D
QC Batch Method:	SM 9222D	Analysis Description:	9222D MBIO Fecal Coliform Tampa
Associated Lab Samples:	35407474001, 35407474002, 35407474003, 35407474004, 35407474005, 35407474006, 35407474007, 35407474008, 35407474009, 35407474010, 35407474011		

METHOD BLANK:	2519591	Matrix:	Water
Associated Lab Samples:	35407474001, 35407474002, 35407474003, 35407474004, 35407474005, 35407474006, 35407474007, 35407474008, 35407474009, 35407474010, 35407474011		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Fecal Coliforms	CFU/100 mL	1.0 U	1.0	1.0	08/01/18 14:59	

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

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

QUALIFIERS

Project: Bacteria
Pace Project No.: 35407474

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-Tp Pace Analytical Services - Tampa

ANALYTE QUALIFIERS

U Compound was analyzed for but not detected.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bacteria
Pace Project No.: 35407474

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35407474001	Bargelanding	SM 9222D	465883	SM 9222D	465885
35407474002	Palm Dr Pasqual Residence	SM 9222D	465883	SM 9222D	465885
35407474003	Palm Dr #71	SM 9222D	465883	SM 9222D	465885
35407474004	Island House #6	SM 9222D	465883	SM 9222D	465885
35407474005	Boyer Lagoon	SM 9222D	465883	SM 9222D	465885
35407474006	Resort Enterance Gulfside	SM 9222D	465883	SM 9222D	465885
35407474007	Beach Place Lagoon	SM 9222D	465883	SM 9222D	465885
35407474008	Colony #25	SM 9222D	465883	SM 9222D	465885
35407474009	Bocilla Lagoon #352	SM 9222D	465883	SM 9222D	465885
35407474010	Kettle Harbor #291	SM 9222D	465883	SM 9222D	465885
35407474011	Kettle Harbor #290	SM 9222D	465883	SM 9222D	465885

REPORT OF LABORATORY ANALYSIS

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

Section A

Required Client Information:

Company: Palm Island Estates
Address: PO Box 871
Palm Beach, FL 33406
Email: webdeziner1@yahoo.com
Phone: 352-484-8291 Fax:
Requested Due Date:

Section B

Required Project Information:

Report To: Heather Stout
Copy To:
Purchase Order #:
Project Name: Bacteria
Project #:

Section C

Invoice Information:

Attention:
Company Name:
Address:
Pace Quote:
Pace Project Manager: amy.weinberg@paceanalytical.com
Pace Profile #: 9593 Line 2

CHAIN-OF-CUSTODY / Analytical Request D
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields mu:

WO#: 35407474
35407474


Regulatory Agency

State / Location
FL

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, . -) Sample ids must be unique	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analyses Test	Fecal Coli MF	Residual Chlorine (Y/N)	Requested Analysis Filtered (Y/N)
				START	END			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3				
1	Bargelauding			7-31-18	0830												
2	Palm Dr Pasqua Residence			7-31-18	0940												
3	Palm Dr #71			7-31-18	0945												
4	Island House #16			7-31-18	1005												
5	Boyer Laguna			7-31-18	1015												
6	Resort Entrance Gulf side			7-31-18	1025												
7	Beach place Laguna			7-31-18	1035												
8	Island Laguna #25			7-31-18	1045												
9	Boeil Laguna #352			7-31-18	1055												
10	Kettle Harbor #291			7-31-18	1110												
11	Kettle Harbor #290			7-31-18	1120												
12																	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		7-31-18	1440	MAC & Gaudin	7-31-18	1440

SAMPLER NAME AND SIGNATURE		DATE Signed	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Larry Nunley	7-31-18				
SIGNATURE of SAMPLER:	<i>Larry Nunley</i>					

	Document Name:	Document Revised:
	Sample Condition Upon Receipt Form	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# : 35407474
Project Manager: PM: ADA **Due Date:** 08/14/18
Client: CLIENT: 37-PALMISEST

Date and Initials of person:

Examining contents: LOW

Label: _____

Deliver: 7-31-18

pH: N/A

Thermometer Used: T-203 Date: 7-31-18 Time: 1440 Initials: LOW

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

Cooler #1 Temp. °C 1.3 (Visual) 0.0 (Correction Factor) 1.3 (Actual)

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

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

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

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

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

☒ Samples on ice, cooling process has begun

☐ Samples on ice, cooling process has begun

☐ Samples on ice, cooling process has begun

☐ Samples on ice, cooling process has begun

☐ Samples on ice, cooling process has begun

☐ 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: 7-31-18 Shorted Time: 1450 Qty: 22

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
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	
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): _____