Pace Analytical Services, LLC
4320 Midmost Dr
Mobile, AL 336609
251-344-9106

June 19, 2019

Bobby Purvis
Daphne Utilities Wastewater Dept.
29280 N. Main St
Daphne, AL 36526

RE: Project: Bay Samples
Pace Project No.: 20108582

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on June 17, 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,

MK Brenner

Mary Kathryn Brenner
marykathryn.brenner@pacelabs.com
251-344-9106
Project Manager

Enclosures

cc: Ashley Campbell, City of Daphne
    Johnny Grimes, Daohne Utilities

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Bay Samples
Pace Project No.:   20108582

Mobile Certification IDs

4320 Midmost Drive, Mobile, AL 36609
Alabama Certification #: 40810

Florida Certification #: E87977

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SAMPLE SUMMARY

Project: Bay Samples

Pace Project No.: 20108582

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20108582001	Stedmans Landing	Water	06/17/19 09:20	06/17/19 10:30
20108582002	Bayfront Park	Water	06/17/19 09:35	06/17/19 10:30
20108582003	Lakeforest Yacht Club	Water	06/17/19 09:45	06/17/19 10:30

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Bay Samples

Pace Project No.: 20108582

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20108582001	Stedmans Landing	Enterolert/Quanti-Tray	CMR	1
20108582002	Bayfront Park	Enterolert/Quanti-Tray	CMR	1
20108582003	Lakeforest Yacht Club	Enterolert/Quanti-Tray	CMR	1

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ANALYTICAL RESULTS

Project: Bay Samples
Pace Project No.:   20108582

Sample: Stedmans Landing   **Lab ID: 20108582001**   Collected: 06/17/19 09:20   Received: 06/17/19 10:30   Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MOB Enterolert/Quanti-Tray		Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray						
Enterococci	**62.0**	MPN/100mL	10.0	10	06/17/19 10:48	06/18/19 10:48		

REPORT OF LABORATORY ANALYSIS

Date: 06/19/2019 10:26 AM

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ANALYTICAL RESULTS

Project: Bay Samples
Pace Project No.: 20108582

Sample: Bayfront Park   **Lab ID: 20108582002**   Collected: 06/17/19 09:35   Received: 06/17/19 10:30   Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MOB Enterolert/Quanti-Tray	Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray							
Enterococci	85.0	MPN/100mL	10.0	10	06/17/19 10:48	06/18/19 10:48		

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ANALYTICAL RESULTS

Project: Bay Samples
Pace Project No.: 20108582

Sample: Lakeforest Yacht Club   **Lab ID: 20108582003**   Collected: 06/17/19 09:45   Received: 06/17/19 10:30   Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MOB Enterolert/Quanti-Tray	Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray							
Enterococci	**31.0**	MPN/100mL	10.0	10	06/17/19 10:48	06/18/19 10:48		

REPORT OF LABORATORY ANALYSIS

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251-344-9106

QUALITY CONTROL DATA

Project: Bay Samples
Pace Project No.: 20108582

QC Batch:	146025		Analysis Method:	Enterolert/Quanti-Tray	
QC Batch Method:	Enterolert/Quanti-Tray		Analysis Description:	MOB Enterolert/Quanti-Tray	
Associated Lab Samples:	20108582001, 20108582002, 20108582003				

METHOD BLANK: 643770　　　　　　　　　　　　　Matrix: Water
Associated Lab Samples: 20108582001, 20108582002, 20108582003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	06/18/19 10:48	

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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Date: 06/19/2019 10:26 AM

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QUALIFIERS

Project: Bay Samples

Pace Project No.:   20108582

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bay Samples
Pace Project No.:   20108582

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20108582001	**Stedmans Landing**	Enterolert/Quanti-Tray	146025	Enterolert/Quanti-Tray	146090
20108582002	**Bayfront Park**	Enterolert/Quanti-Tray	146025	Enterolert/Quanti-Tray	146090
20108582003	**Lakeforest Yacht Club**	Enterolert/Quanti-Tray	146025	Enterolert/Quanti-Tray	146090

REPORT OF LABORATORY ANALYSIS

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

Pace Analytical

Company: Daphne Utilities

Address:

Report To:

Email To:

Copy To:

Billing Information:

Site Collection Info/Address:

Customer Project Name/Number: Bay Samples

Phone: **Site/Facility ID #:**

Email:

State: **County/City:**   **Time Zone Collected:** [ ] PT [ ] MT [ ] CT [ ] ET

Compliance Monitoring? [ ] Yes   [ ] No

Collected By (print): Brawly S. off Damen   **Purchase Order #:**   **Quote #:**

DW PWS ID #:

DW Location Code:

Collected By (signature):

Turnaround Date Required: Rush

Immediately Packed on Ice: [ ] Yes   [ ] No

Field Filtered (if applicable): [ ] Yes   [ ] No   **Analysis:**

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive: _____
[ ] Hold:

Rush: [ ] Same Day [X] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
(Expedite Charges Apply)

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW),
Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate,
(6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate,
(C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Container Preservative Type *

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns			Analyses								
Stedmans Landing	GW	G			6.17.19	0820		Y			(Marina)								
Bayfront Park	GW	G			6.17.19	0835		X			Entero								
Lake Forest Yacht Club	GW	G			6.17.19	0845		X											

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): (Y) N N/A

Lab Tracking #: 2335574

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Relinquished by/Company: (Signature)   **Date/Time:** 6-17.19 @ 1030

Received by/Company: (Signature) Kyle A. Willard   **Date/Time:** 6/17/19 1030

Relinquished by/Company: (Signature)   **Date/Time:**

Received by/Company: (Signature)   **Date/Time:**

Relinquished by/Company: (Signature)   **Date/Time:**

Received by/Company: (Signature)   **Date/Time:**

Trip Blank Received: Y (N) NA
HCL   MeOH   TSP   Other

Non Conformance(s): _____   **Page:** 1