

August 08, 2019

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

RE: Project: Bay Testing
Pace Project No.: 20115317

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on August 05, 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,



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

Enclosures

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



REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Bay Testing
Pace Project No.: 20115317

Mobile Certification IDs

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

Florida Certification #: E87977

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SAMPLE SUMMARY

Project: Bay Testing

Pace Project No.: 20115317

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20115317001	Bayfront Park	Water	08/05/19 08:24	08/05/19 09:08
20115317002	Lake Forest Yacht Club	Water	08/05/19 08:36	08/05/19 09:08
20115317003	Stedman's Landing	Water	08/05/19 07:23	08/05/19 09:08

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SAMPLE ANALYTE COUNT

Project: Bay Testing

Pace Project No.: 20115317

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20115317001	Bayfront Park	Enterolert/Quanti-Tray	CMR	1
20115317002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	CMR	1
20115317003	Stedman's Landing	Enterolert/Quanti-Tray	CMR	1

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ANALYTICAL RESULTS

Project: Bay Testing

Pace Project No.: 20115317

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: Bayfront Park								
Lab ID: 20115317001								
Collected: 08/05/19 08:24 Received: 08/05/19 09:08 Matrix: Water								
MOB Enterolert/Quanti-Tray								
Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray								
Enterococci	72.0	MPN/100mL	10.0	10	08/05/19 11:05	08/06/19 11:06		

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ANALYTICAL RESULTS

Project: Bay Testing

Pace Project No.: 20115317

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: Lake Forest Yacht Club Lab ID: 20115317002 Collected: 08/05/19 08:36 Received: 08/05/19 09:08 Matrix: Water								
MOB Enterolert/Quanti-Tray Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray								
Enterococci	52.0	MPN/100mL	10.0	10	08/05/19 11:05	08/06/19 11:06		

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ANALYTICAL RESULTS

Project: Bay Testing

Pace Project No.: 20115317

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: Stedman's Landing								
Lab ID: 20115317003								
Collected: 08/05/19 07:23 Received: 08/05/19 09:08 Matrix: Water								
MOB Enterolert/Quanti-Tray								
Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray								
Enterococci	52.0	MPN/100mL	10.0	10	08/05/19 11:05	08/06/19 11:06		

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QUALIFIERS

Project: Bay Testing

Pace Project No.: 20115317

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 Testing

Pace Project No.: 20115317

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20115317001	Bayfront Park	Enterolert/Quanti-Tray	152109	Enterolert/Quanti-Tray	152156
20115317002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	152109	Enterolert/Quanti-Tray	152156
20115317003	Stedman's Landing	Enterolert/Quanti-Tray	152109	Enterolert/Quanti-Tray	152156

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Sample Condition Upon Receipt

4320 Midmost Dr Mobile AL
36609

Project #:

WO#: 20115317

PM: MKB

Due Date: 08/14/19

CLIENT: MO-Daphne

Courier: Pace Client FedEx UPS Other Tracking # _____

Custody Seal on Cooler/Box Present: [see COC]

Custody Seals intact: Yes No

Thermometer Used: Therm Fisher IR 001
 Other:

Type of Ice: Wet Blue None

Samples on ice: [see COC]

Cooler Temperature: [see COC]

Date and Initials of person examining contents: 8/15/19 KAU

Temp must be measured from temperature blank when present

Comments:

Temperature Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	1	
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2	
Chain of Custody Complete:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3	
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4	
Sampler Name on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5	
Short Hold Time Analyses (<72 hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6	
Rush Turn Around Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8	
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9	
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10	
Filtered vol. Rec. for Diss. tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11	
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12	
All containers received within manufacturer's precautionary and/or expiration dates:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13	
All containers needing chemical preservation have been checked (except VOA, micro, & O&G):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14	
All containers preservation checked found to be in compliance with EPA recommendation:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15	If No, was preservative added? <input type="checkbox"/> Yes <input type="checkbox"/> No If added record lot no.: HNO3 _____ H2SO4 _____
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16	
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	17	

Client Notification/Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____