

February 06, 2019

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

RE: Project: Bay Testing  
Pace Project No.: 2095045

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on February 04, 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



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Bay Testing

Pace Project No.: 2095045

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### 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.: 2095045

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
2095045001	Lake Forest Yacht Club	Water	02/04/19 08:40	02/04/19 10:05
2095045002	Bay Front Park	Water	02/04/19 08:52	02/04/19 10:05
2095045003	Stedmans Landing	Water	02/04/19 09:10	02/04/19 10:05

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### SAMPLE ANALYTE COUNT

Project: Bay Testing

Pace Project No.: 2095045

Lab ID	Sample ID	Method	Analysts	Analytes Reported
2095045001	Lake Forest Yacht Club	Enterolert/Quanti-Tray	CMR	1
2095045002	Bay Front Park	Enterolert/Quanti-Tray	CMR	1
2095045003	Stedmans Landing	Enterolert/Quanti-Tray	CMR	1

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## ANALYTICAL RESULTS

Project: Bay Testing

Pace Project No.: 2095045

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>Sample: Lake Forest Yacht Club      Lab ID: 2095045001      Collected: 02/04/19 08:40      Received: 02/04/19 10:05      Matrix: Water</b>								
<b>MOB Enterolert/Quanti-Tray</b> Analytical Method: Enterolert/Quanti-Tray      Preparation Method: Enterolert/Quanti-Tray								
Enterococci	ND	MPN/100mL	10.0	10	02/04/19 10:25	02/05/19 10:25		

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### ANALYTICAL RESULTS

Project: Bay Testing

Pace Project No.: 2095045

<b>Sample: Bay Front Park</b>		<b>Lab ID: 2095045002</b>	Collected: 02/04/19 08:52	Received: 02/04/19 10:05	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>MOB Enterolert/Quanti-Tray</b>								
Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray								
Enterococci	<b>10.0</b>	MPN/100mL	10.0	10	02/04/19 10:25	02/05/19 10:25		

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## ANALYTICAL RESULTS

Project: Bay Testing

Pace Project No.: 2095045

Sample: <b>Stedmans Landing</b>	Lab ID: <b>2095045003</b>	Collected: 02/04/19 09:10	Received: 02/04/19 10:05	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>MOB Enterolert/Quanti-Tray</b>								
Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray								
Enterococci	<b>223</b>	MPN/100mL	10.0	10	02/04/19 10:25	02/05/19 10:25		

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**QUALITY CONTROL DATA**

Project: Bay Testing

Pace Project No.: 2095045

QC Batch: 132842 Analysis Method: Enterolert/Quanti-Tray

QC Batch Method: Enterolert/Quanti-Tray Analysis Description: MOB Enterolert/Quanti-Tray

Associated Lab Samples: 2095045001, 2095045002, 2095045003

METHOD BLANK: 576702 Matrix: Water

Associated Lab Samples: 2095045001, 2095045002, 2095045003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	02/05/19 10:25	

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: Bay Testing

Pace Project No.: 2095045

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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

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.: 2095045

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2095045001	Lake Forest Yacht Club	Enterolert/Quanti-Tray	132842	Enterolert/Quanti-Tray	132950
2095045002	Bay Front Park	Enterolert/Quanti-Tray	132842	Enterolert/Quanti-Tray	132950
2095045003	Stedmans Landing	Enterolert/Quanti-Tray	132842	Enterolert/Quanti-Tray	132950

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# CHAIN-OF-CUSTODY Analytical Request Document

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number or  
MTJL Log-in Number Here

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields  
Billing Information:

WO#: 2095045

ALL SHAD



2095045

Company: Daphne Utilities

Address:

Report To:

Copy To:

Container Preservative Type:

\*\* Preservative Types: (1) nitric acid, (2) sulfu  
(6) methanol, (7) sodium bisulfate, (8) sodium.  
(C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Customer Project Name/Number: Bay Sampling

State: / County/City: Time Zone Collected: | PT | MT | CT | ET

Site/Facility ID #: Compliance Monitoring:  
 Yes  No

Purchase Order #: DW PWS ID #: DW Location Code:  
 Immediately Packed on Ice:  
 Yes  No

Turnaround Date Required:  
 Same Day  Next Day  Field Filtered (if applicable):  
 12 Day  13 Day  14 Day  15 Day  Yes  No  
 (Expedite Charges Apply) Analysis:

Lab Profile/Line: Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y  N   
 Custody Signatures Present Y  N   
 Collector Signatures Present Y  N   
 Bottles Intact Y  N   
 Correct Bottles Y  N   
 Sufficient Volume Y  N   
 Samples Received on Ice Y  N   
 VOA - Headspace Acceptable Y  N   
 USDA Regulated Soils Y  N   
 Samples in Holding Time Y  N   
 Residual Chlorine Present Y  N   
 Cl Strips: Y  N   
 Sample pH Acceptable Y  N   
 pH Strips: Y  N   
 Sulfide Present Y  N   
 Lead Acetate Strips: Y  N   
 LAB USE ONLY:  
 Lab Sample # / Comments:

\* 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)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Res CI	# of Ctns
			Date	Time		
Lake Forest Yacht Club	GW	G	2.4.19	0840		
Bay Front Park	GW	G	2.4.19	0852		
Stedmans Landing	GW	G	2.4.19	0910		

LAB USE ONLY:  
 Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:  
 Radchem sample(s) screened (<500 ppm): Y N NA

Received by/Company: (Signature) *[Signature]*  
 Date/Time: 2.4.19 @ 1005

Received by/Company: (Signature)  
 Date/Time: 2.4.19 @ 1005

Received by/Company: (Signature)  
 Date/Time: 2.4.19 @ 1005

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

Lab Tracking #: 2365635

Samples received via:  
 FEDEX UPS Client Courier Pace Courier  
 MTJL LAB USE ONLY

Date/Time: 2.4.19 @ 1005  
 Date/Time: 2.4.19 @ 1005  
 Date/Time: 2.4.19 @ 1005

Temp Blank Received: Y  N   
 Therm ID#: IR-01 #16C  
 Cooler 1 Temp Upon Receipt: #16C  
 Cooler 1 Therm Corr. Factor: #16C  
 Cooler 1 Corrected Temp: #16C  
 Comments:

Trip Blank Received: Y N NA  
 HCL MeOH TSP Other

Non Conformance(s): YES / NO  
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