

June 12, 2020

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

RE: Project: Bay Sampling 6/9/20  
Pace Project No.: 20157880

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on June 09, 2020. The results relate only to the samples included in this report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Mobile Labs

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**

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

## CERTIFICATIONS

Project: Bay Sampling 6/9/20  
Pace Project No.: 20157880

---

**Pace Analytical Services Mobile**

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

Florida Certification #: E87977

---

## 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: Bay Sampling 6/9/20

Pace Project No.: 20157880

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20157880001	Bayfront Park	Water	06/09/20 07:55	06/09/20 09:55
20157880002	Lake Forest Yacht Club	Water	06/09/20 07:48	06/09/20 09:55
20157880003	Stedman's Landing	Water	06/09/20 08:10	06/09/20 09:55

## 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: Bay Sampling 6/9/20  
Pace Project No.: 20157880

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20157880001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20157880002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20157880003	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs

### 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: Bay Sampling 6/9/20

Pace Project No.: 20157880

Sample: Bayfront Park	Lab ID: 20157880001	Collected: 06/09/20 07:55	Received: 06/09/20 09:55	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								
Pace Analytical Services - Mobile Labs								
Enterococci	<b>1060</b>	MPN/100mL	10.0	10	06/09/20 10:49	06/10/20 10:50		N2

## 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: Bay Sampling 6/9/20

Pace Project No.: 20157880

<b>Sample: Lake Forest Yacht Club</b>		<b>Lab ID: 20157880002</b>	Collected: 06/09/20 07:48	Received: 06/09/20 09:55	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 Pace Analytical Services - Mobile Labs								
Enterococci	<b>181</b>	MPN/100mL	10.0	10	06/09/20 10:49	06/10/20 10:50		N2

### 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: Bay Sampling 6/9/20

Pace Project No.: 20157880

<b>Sample: Stedman's Landing</b>		<b>Lab ID: 20157880003</b>	Collected: 06/09/20 08:10	Received: 06/09/20 09:55	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								
Pace Analytical Services - Mobile Labs								
Enterococci	<b>733</b>	MPN/100mL	10.0	10	06/09/20 10:49	06/10/20 10:50		N2

### 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: Bay Sampling 6/9/20

Pace Project No.: 20157880

QC Batch: 188355

Analysis Method: Enterolert/Quanti-Tray

QC Batch Method: Enterolert/Quanti-Tray

Analysis Description: MOB Enterolert/Quanti-Tray

Laboratory: Pace Analytical Services - Mobile Labs

Associated Lab Samples: 20157880001, 20157880002, 20157880003

METHOD BLANK: 868431

Matrix: Water

Associated Lab Samples: 20157880001, 20157880002, 20157880003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	06/10/20 10:50	N2

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: Bay Sampling 6/9/20

Pace Project No.: 20157880

---

### 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.

### ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

## 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: Bay Sampling 6/9/20

Pace Project No.: 20157880

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20157880001	Bayfront Park	Enterolert/Quanti-Tray	188355	Enterolert/Quanti-Tray	188732
20157880002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	188355	Enterolert/Quanti-Tray	188732
20157880003	Stedman's Landing	Enterolert/Quanti-Tray	188355	Enterolert/Quanti-Tray	188732

**REPORT OF LABORATORY ANALYSIS**

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



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

**MO# : 20157880**



20157880

**Section A**

**Required Client Information:**

Company: Daphne Utilities Wastewater Dept.  
Address: P.O. Box 2550  
Daphne, AL 36526  
Email: sharon@daphneutilities.com  
Phone: (251) 380-9561  
Requested Due Date:

**Section B**

**Required Project Information:**

Report To: Sharon Surra  
Copy To:  
Purchase Order #:  
Project Name: Bay Sampling  
Project #:

**Section C**

**Invoice Information:**

Attention:  
Company Name:  
Address:  
Pace Quote:  
Pace Project Manager: marykathryn.brenner@paceclabs.com  
Pace Profile #: 9456

**Regulatory Agency**

State / Location  
AL

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS							Analyses Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	SAMPLE CONDITIONS	
			START DATE	END DATE		Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol					Other
1	Bayfront Park	WT															
2	Lake Forest Yacht Club	WT															
3	Stedman's Landing	WT															
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: \_\_\_\_\_

SIGNATURE of SAMPLER: *Bryant Surra*

DATE Signed: *6/19/20*

TEMP in C \_\_\_\_\_

Received on ice (Y/N) \_\_\_\_\_

Custody Sealed Cooler (Y/N) \_\_\_\_\_

Samples Intact (Y/N) \_\_\_\_\_

REMOVED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
<i>Bryant Surra</i>	<i>6/19</i>	<i>0955</i>	<i>Yvonne Spay</i>	<i>6/19/20</i>	<i>0955:39</i>	<i>Y N Y</i>

Sample Condition Upon Receipt

4320 Midmost Dr Mobile AL 36609

Project #:

MO#: 20157880

PM: MKB  
 CLIENT: MO-Daphne  
 Due Date: 06/18/20

Courier:  Face  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] \_\_\_\_\_

Date and Initials of person examining contents: MKS 6/19/20

Cooler Temperature [see COC] \_\_\_\_\_

Temp must be measured from temperature blank when present Comments:

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

Client Notification/Resolution: \_\_\_\_\_  
 Person Contacted \_\_\_\_\_  
 Date/Time \_\_\_\_\_  
 Comments/Resolution \_\_\_\_\_