

October 01, 2021

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

RE: Project: Bay Sampling 9/29/21  
Pace Project No.: 20221096

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on September 29, 2021. 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: Eric Butler, Daphne Utilities  
Ashley Campbell, City of Daphne  
Johnny Grimes, Daphne Utilities  
Tim White, Daphne Utilities

## **REPORT OF LABORATORY ANALYSIS**

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## CERTIFICATIONS

Project: Bay Sampling 9/29/21

Pace Project No.: 20221096

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**Pace Analytical Services Mobile**

4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

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## SAMPLE SUMMARY

Project: Bay Sampling 9/29/21

Pace Project No.: 20221096

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
20221096001	Bayfront Park	Water	09/29/21 10:45	09/29/21 11:40
20221096002	Stedman's Landing	Water	09/29/21 10:34	09/29/21 11:40

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### SAMPLE ANALYTE COUNT

Project: Bay Sampling 9/29/21

Pace Project No.: 20221096

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20221096001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20221096002	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs

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## ANALYTICAL RESULTS

Project: Bay Sampling 9/29/21

Pace Project No.: 20221096

<b>Sample: Bayfront Park</b>	<b>Lab ID: 20221096001</b>	Collected: 09/29/21 10:45	Received: 09/29/21 11:40	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>31.0</b>	MPN/100mL	10.0	10	09/29/21 14:15	09/30/21 14:22		N2

<b>Sample: Stedman's Landing</b>	<b>Lab ID: 20221096002</b>	Collected: 09/29/21 10:34	Received: 09/29/21 11:40	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>20.0</b>	MPN/100mL	10.0	10	09/29/21 14:15	09/30/21 14:22		N2

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### QUALITY CONTROL DATA

Project: Bay Sampling 9/29/21  
Pace Project No.: 20221096

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QC Batch: 236529	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: 20221096001, 20221096002

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METHOD BLANK: 1116014 Matrix: Water  
Associated Lab Samples: 20221096001, 20221096002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	09/30/21 14:22	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.

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## QUALIFIERS

Project: Bay Sampling 9/29/21

Pace Project No.: 20221096

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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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

### 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.

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: Bay Sampling 9/29/21  
Pace Project No.: 20221096

<b>Lab ID</b>	<b>Sample ID</b>	<b>QC Batch Method</b>	<b>QC Batch</b>	<b>Analytical Method</b>	<b>Analytical Batch</b>
20221096001	Bayfront Park	Enterolert/Quanti-Tray	236529	Enterolert/Quanti-Tray	236554
20221096002	Stedman's Landing	Enterolert/Quanti-Tray	236529	Enterolert/Quanti-Tray	236554

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CHAIN-OF-CUSTODY / Analytical Requ  
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant in

MO#: 20221096



20221096

Section A

Required Client Information:  
Company: Daphna Utilities Wastewater Dept.  
Address: P.O. Box 2950  
Daphna, AL 36526  
Email: sharon@daphnautilities.com  
Phone: (251)380-8561  
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	PRESERVATIVES							Analyses Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)		
			START DATE	END DATE		Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol				Other	Y/N
1	Bayfront Park	WT	9/29	10:45													
2		WT	9/29	10:34													
3	Stedman's Landing	WT															
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

ADDITIONAL COMMENTS

RELINQUISHED BY APPLICATOR  
Daphna Utilities  
9/28/14

ACCEPTED BY APPLICATOR  
JHO  
9/28/14

DATE TIME

SAMPLE CONDITIONS  
4 N Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed:

TEMP in C:

Received on ice (Y/N)

Custody Sealed Cooler (Y/N)

Samples Intact (Y/N)

WO#: 20221096

PM: MKB Due Date: 10/08/21  
CLIENT: MO-Daphne



Sample Condition Upon Receipt

4320 Midmost Dr Mobile, AL 36609

Project #:

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: MAS 9/29/21

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
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

If No, was preservative added?  Yes  No  
If added record lot no.: HNO3 \_\_\_\_\_ H2SO4 \_\_\_\_\_

Client Notification/Resolution:

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_