

September 21, 2021

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

RE: Project: Bay Sampling 9/13/21
Pace Project No.: 20219752

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on September 13, 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

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: Bay Sampling 9/13/21

Pace Project No.: 20219752

Pace Analytical Services Mobile

4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

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SAMPLE SUMMARY

Project: Bay Sampling 9/13/21
Pace Project No.: 20219752

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20219752001	Bayfront Park	Water	09/13/21 07:52	09/13/21 08:40
20219752002	Lake Forest Yacht Club	Water	09/13/21 07:45	09/13/21 08:40
20219752003	Stedman's Landing	Water	09/13/21 08:10	09/13/21 08:40

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SAMPLE ANALYTE COUNT

Project: Bay Sampling 9/13/21

Pace Project No.: 20219752

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20219752001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20219752002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20219752003	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs

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ANALYTICAL RESULTS

Project: Bay Sampling 9/13/21
Pace Project No.: 20219752

Sample: Bayfront Park		Lab ID: 20219752001	Collected: 09/13/21 07:52	Received: 09/13/21 08:40	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 Pace Analytical Services - Mobile Labs						
Enterococci	121	MPN/100mL	10.0	10	09/13/21 10:20	09/14/21 10:20		N2
Sample: Lake Forest Yacht Club		Lab ID: 20219752002	Collected: 09/13/21 07:45	Received: 09/13/21 08:40	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 Pace Analytical Services - Mobile Labs						
Enterococci	161	MPN/100mL	10.0	10	09/13/21 10:20	09/14/21 10:20		N2
Sample: Stedman's Landing		Lab ID: 20219752003	Collected: 09/13/21 08:10	Received: 09/13/21 08:40	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 Pace Analytical Services - Mobile Labs						
Enterococci	171	MPN/100mL	10.0	10	09/13/21 10:20	09/14/21 10:20		N2

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QUALITY CONTROL DATA

Project: Bay Sampling 9/13/21

Pace Project No.: 20219752

QC Batch:	235569	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: 20219752001, 20219752002, 20219752003

METHOD BLANK: 1110395 Matrix: Water

Associated Lab Samples: 20219752001, 20219752002, 20219752003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	09/14/21 10:20	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 9/13/21

Pace Project No.: 20219752

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 9/13/21

Pace Project No.: 20219752

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20219752001	Bayfront Park	Enterolert/Quanti-Tray	235569	Enterolert/Quanti-Tray	235599
20219752002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	235569	Enterolert/Quanti-Tray	235599
20219752003	Stedman's Landing	Enterolert/Quanti-Tray	235569	Enterolert/Quanti-Tray	235599

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CHAIN-OF-CUSTODY / Analytical Request

W0# : 20219752



20219752

Section A Required Client Information: **Section B** Required Project Information: **Section C** Invoice Information:

Company: Daphne Utilities Wastewater Dept. Report To: Sharon Surra
 Address: P.O. Box 2550 Copy To:
 Daphne, AL 36526 Purchase Order #:
 Email: sharon@daphneutilities.com Project Name: Bay Sampling
 Phone: (251) 380-9561 Fax: Project #:
 Requested Due Date: State / Location: AL

Attention: Company Name:
 Address:
 Page Quote:
 Pace Project Manager: marykathryn.bremer@dphceids.com
 Pace Profile #: 9456 Requested Analysis Filtered (Y/N):

ITEM #	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G-GRAB C-COMP)	COLLECTED		DATE	TIME	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	RESIDUAL CHLORINE (Y/N)
					START	END								
1	Bayfront Park	WT	WT				9/13/21	0752			X			
2	Lake Forest Yacht Club	WT	WT					0745			X			
3	Siedman's Landing	WT	WT					0810			X			
4														
5														
6														
7														
8														
9														
10														
11														
12														

ADDITIONAL COMMENTS: Mds-2, LF - 10 Birds, BP - 0 Birds, SC - 0 Birds

REMOVED BY / AFFILIATION: BGS

DATE: 9/13/21 **TIME:** 0840

ACCEPTED BY / AFFILIATION: [Signature]

DATE: 9/13/21 **TIME:** 0840

TEMP IN C: 16.1

SAMPLE CONDITIONS: Received on ice (Y/N): Y, Custody Sealed Cooler (Y/N): N, Samples Intact (Y/N): Y

PRINT Name of SAMPLER: Brandon Skipper
SIGNATURE of SAMPLER: [Signature] **DATE Signed:** 9/13/21

Chemistry + 79*

WO#: 20219752

PM: MKB

Due Date: 09/22/21

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]

Date and Initials of person examining contents: MAS 9/13/21

Cooler Temperature: [see COC]

Temp must be measured from temperature blank when present Comments:

Table with 3 columns: Description, Yes/No/N/A checkboxes, and Item Number (1-17). Rows include Temperature Blank Present, Chain of Custody Present, Chain of Custody Complete, Chain of Custody Relinquished, Sampler Name on COC, Short Hold Time Analyses (<72 hr), Rush Turn Around Requested, Samples Arrived within Hold Time, Sufficient Volume, Correct Containers Used, Filtered vol. Rec. for Diss. tests, Sample Labels match COC, All containers received within manufacturer's precautionary and/or expiration dates, All containers needing chemical preservation have been checked (except VOA, micro, & O&G), All containers preservation checked found to be in compliance with EPA recommendation, Headspace in VOA Vials (>6mm), Trip Blank Present.

Client Notification/Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____