

July 12, 2021

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

RE: Project: Bay Sampling Resample 7/8/21
Pace Project No.: 20213851

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on July 08, 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 Resample 7/8/21

Pace Project No.: 20213851

Pace Analytical Services Mobile

4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

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SAMPLE SUMMARY

Project: Bay Sampling Resample 7/8/21

Pace Project No.: 20213851

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20213851001	Lake Forest Yacht Club	Water	07/08/21 08:15	07/08/21 09:05
20213851002	Stedman's Landing	Water	07/08/21 08:23	07/08/21 09:05

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SAMPLE ANALYTE COUNT

Project: Bay Sampling Resample 7/8/21

Pace Project No.: 20213851

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20213851001	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20213851002	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs

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ANALYTICAL RESULTS

Project: Bay Sampling Resample 7/8/21

Pace Project No.: 20213851

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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Sample: Lake Forest Yacht Club		Lab ID: 20213851001	Collected: 07/08/21 08:15	Received: 07/08/21 09:05	Matrix: Water			
MOB Enterolert/Quanti-Tray		Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray Pace Analytical Services - Mobile Labs						
Enterococci	86.0	MPN/100mL	10.0	10	07/08/21 12:10	07/09/21 12:10		N2

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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Sample: Stedman's Landing		Lab ID: 20213851002	Collected: 07/08/21 08:23	Received: 07/08/21 09:05	Matrix: Water			
MOB Enterolert/Quanti-Tray		Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray Pace Analytical Services - Mobile Labs						
Enterococci	110	MPN/100mL	10.0	10	07/08/21 12:10	07/09/21 12:10		N2

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QUALITY CONTROL DATA

Project: Bay Sampling Resample 7/8/21

Pace Project No.: 20213851

QC Batch: 230454

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: 20213851001, 20213851002

METHOD BLANK: 1084060

Matrix: Water

Associated Lab Samples: 20213851001, 20213851002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	07/09/21 12:10	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 Resample 7/8/21

Pace Project No.: 20213851

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bay Sampling Resample 7/8/21
Pace Project No.: 20213851

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20213851001	Lake Forest Yacht Club	Enterolert/Quanti-Tray	230454	Enterolert/Quanti-Tray	230522
20213851002	Stedman's Landing	Enterolert/Quanti-Tray	230454	Enterolert/Quanti-Tray	230522

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CHAIN-OF-CUSTODY / Analytical Request

MO#: 20213851



Section A
 Required Client Information
 Company: Daphne Utilities Water & Sewer Dept.
 Address: 2000 S. ...
 Phone: (251) 390-8861
 Requested Due Date: ...

Section B
 Required Project Information
 Project Name: Bay Sampling
 Project #:
 Requested Due Date: ...

Section C
 Invoice Information:
 Company Name: ...
 Address: ...
 Page Project Manager: ...
 Page Profile #: 9356

ITEM #	SAMPLE ID One Character per box (A-Z, 0-9) Sample IDs must be unique	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	PRESERVATIVES							ANALYSES TEST	RESIDUAL CHARGE (Y/N)	SAMPLE CONDITIONS	
							Unreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol				Other
1	BSD 7/8/2021	7/8	0815	M/R	7/8/21	0905											
2	Line - Dept. Water	7/8	0815	X	7/8/21	0905											
3	Streetman s. Langston	7/8	0823	X	7/8/21	0905											
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Branley S. M. Decker

SIGNATURE of SAMPLER: [Signature]

DATE Signed: 7/8/2021

TEMPERATURE: _____

Receive in Ice (Y/N): _____

Custody Sealed Cooler (Y/N): _____

Samples Intact (Y/N): _____



Sample Condition Upon Receipt

4320 Midmost Dr Mobile AL
36609

WO# : 20213851

PM: MKB

Due Date: 07/19/21

CLIENT: MO-Daphne

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 7/19/21

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

Client Notification/Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____