

September 22, 2021

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

RE: Project: Bay Sampling 9/16/21
Pace Project No.: 20219935

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on September 16, 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 9/16/21

Pace Project No.: 20219935

Pace Analytical Services Mobile

4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

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SAMPLE SUMMARY

Project: Bay Sampling 9/16/21

Pace Project No.: 20219935

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20219935001	Bayfront Park	Water	09/16/21 09:05	09/16/21 11:04
20219935002	Lake Forest Yacht Club	Water	09/16/21 08:50	09/16/21 11:04
20219935003	Stedman's Landing	Water	09/16/21 09:20	09/16/21 11:04

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SAMPLE ANALYTE COUNT

Project: Bay Sampling 9/16/21

Pace Project No.: 20219935

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20219935001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20219935002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20219935003	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs

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ANALYTICAL RESULTS

Project: Bay Sampling 9/16/21
Pace Project No.: 20219935

Sample: Bayfront Park		Lab ID: 20219935001	Collected: 09/16/21 09:05	Received: 09/16/21 11:04	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	4110	MPN/100mL	10.0	10	09/16/21 14:16	09/17/21 14:05		N2

Sample: Lake Forest Yacht Club		Lab ID: 20219935002	Collected: 09/16/21 08:50	Received: 09/16/21 11:04	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	1860	MPN/100mL	10.0	10	09/16/21 14:16	09/17/21 14:05		N2

Sample: Stedman's Landing		Lab ID: 20219935003	Collected: 09/16/21 09:20	Received: 09/16/21 11:04	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	910	MPN/100mL	10.0	10	09/16/21 14:16	09/17/21 14:05		N2

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QUALITY CONTROL DATA

Project: Bay Sampling 9/16/21

Pace Project No.: 20219935

QC Batch: 235675

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: 20219935001, 20219935002, 20219935003

METHOD BLANK: 1111188

Matrix: Water

Associated Lab Samples: 20219935001, 20219935002, 20219935003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	09/17/21 14:05	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 9/16/21

Pace Project No.: 20219935

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 9/16/21

Pace Project No.: 20219935

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20219935001	Bayfront Park	Enterolert/Quanti-Tray	235675	Enterolert/Quanti-Tray	235806
20219935002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	235675	Enterolert/Quanti-Tray	235806
20219935003	Stedman's Landing	Enterolert/Quanti-Tray	235675	Enterolert/Quanti-Tray	235806

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Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://www.paceanalytical.com>

CHAIN-OF-CUSTODY / Analytical Reqr
 The Chain-of-Custody is a LEGAL DOCUMENT. All relevant Section C Invoice Information:

W0# : 20219935



20219935

Section A
 Required Client Information:
 Company: Daphne Utilities Wastewater Dept.
 Address: P.O. Box 2550
 Daphne, AL 36526
 Email: sharon@daphneutilities.com
 Phone: (251)380-8561 Fax
 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:
 Page Quote:
 Pace Project Manager: marykathryn.bremner@pacelabs.com
 Pace Profile #: 9456
 Requested Analytic Filtered (Y/N)

Regulatory Agency
 State / Location
 AL

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / . -) Sample Ids must be unique	MATRIX	CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analyzes Test	Residual Chlorine (Y/N)	SAMPLE CONDITIONS	
				START	END			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol				Other
		During Water Waste Water Product OI Wipe Air Other Tissue	DWY WT WV P SL OL WP AB OT TS	DATE	TIME	DATE	TIME											
1	Bayfront Park		WT	9/16/24	09:05													
2	Lake Forest Yacht Club		WT	9/16/24	09:50													
3	Stedman's Landing		WT	9/16/24	10:00													
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Sharon Surra
 SIGNATURE of SAMPLER: Sharon Surra
 DATE Signed: 9-16-24

TEMP in C
 Received on Ice (Y/N)
 Custody Sealed Cooler (Y/N)
 Samples Intact (Y/N)



Sample Condition Upon Receipt

4320 Aldmost Dr Mobile AL
36609

WO#: 20219935

PM: MKB

Due Date: 09/27/21

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 9/16/21

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: _____