

September 09, 2021

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

RE: Project: Bay Testing 9/7/21
Pace Project No.: 20219355

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on September 07, 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,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Bay Testing 9/7/21
Pace Project No.: 20219355

Pace Analytical Services Mobile
4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

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 Testing 9/7/21

Pace Project No.: 20219355

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20219355001	Bayfront Park	Water	09/07/21 08:09	09/07/21 09:25
20219355002	Lake Forest Yacht Club	Water	09/07/21 07:55	09/07/21 09:25
20219355003	Stedman's Landing	Water	09/07/21 08:21	09/07/21 09:25

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 Testing 9/7/21

Pace Project No.: 20219355

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20219355001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20219355002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20219355003	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 Testing 9/7/21

Pace Project No.: 20219355

Sample: Bayfront Park		Lab ID: 20219355001	Collected: 09/07/21 08:09	Received: 09/07/21 09:25	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	41.0	MPN/100mL	10.0	10	09/07/21 12:50	09/08/21 12:40		N2

Sample: Lake Forest Yacht Club		Lab ID: 20219355002	Collected: 09/07/21 07:55	Received: 09/07/21 09:25	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	41.0	MPN/100mL	10.0	10	09/07/21 12:50	09/08/21 12:40		N2

Sample: Stedman's Landing		Lab ID: 20219355003	Collected: 09/07/21 08:21	Received: 09/07/21 09:25	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	41.0	MPN/100mL	10.0	10	09/07/21 12:50	09/08/21 12:40		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 Testing 9/7/21

Pace Project No.: 20219355

QC Batch: 235426

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: 20219355001, 20219355002, 20219355003

METHOD BLANK: 1109185

Matrix: Water

Associated Lab Samples: 20219355001, 20219355002, 20219355003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	09/08/21 12:40	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 Testing 9/7/21

Pace Project No.: 20219355

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.

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 Testing 9/7/21

Pace Project No.: 20219355

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20219355001	Bayfront Park	Enterolert/Quanti-Tray	235426	Enterolert/Quanti-Tray	235471
20219355002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	235426	Enterolert/Quanti-Tray	235471
20219355003	Stedman's Landing	Enterolert/Quanti-Tray	235426	Enterolert/Quanti-Tray	235471

REPORT OF LABORATORY ANALYSIS

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



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

CHAIN-OF-CUSTODY / Analytical Request D

MO#: 20219355



20219355

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
 Email: sharon@daphneutilities.com Purchase Order #:
 Phone: (251)380-8561 Fax: Project Name: Bay Sampling
 Requested Due Date: Project #: State / Location: AL
 Attention: Company Name: Address:
 Pace Order: Pace Project Manager: marykathryn.brenner@pacealabs.com
 Pace Profile #: 9456 Requested Analysis Filtered (Y/N)

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analyses Test	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Regulatory Agency		
			START DATE	END DATE			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3						Methanol	Other
1	WT		9/7/21	0809															
2	WT																		
3	WT																		
4	WT																		
5	WT																		
6	WT																		
7	WT																		
8	WT																		
9	WT																		
10	WT																		
11	WT																		
12	WT																		

ADDITIONAL COMMENTS: LF - 20 Birds Collected
 BP - 5 Birds
 SL - 0 Birds
REIMBURSED BY / AFFILIATION: [Signature]
DATE: 9/7/21
TIME: 0925
ACCEPTED BY / AFFILIATION: [Signature]
DATE: 9/7/21
TIME: 0925
SAMPLER NAME AND SIGNATURE: [Signature]
PRINT Name of SAMPLER: [Name]
SIGNATURE of SAMPLER: [Signature]
DATE Signed: 9/7/21
TEMP in C:
Received on Ice (Y/N):
Custody Sealed Cooler (Y/N):
Samples Intact (Y/N):

Sample Condition Upon Receipt

4320 Midmost Dr Mobile, AL 36609

Project #:

CLIENT: MO-Daphne

MO#: 20219355

PM: MKB

Due Date: 09/16/21

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: 9/17/2021 KRM

Cooler Temperature: [see COC]

Temp must be measured from temperature blank when present

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 manufacturers 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: