

September 25, 2020

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

RE: Project: Bay Testing 9/23/2020
Pace Project No.: 20172512

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on September 23, 2020. 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: Ashley Campbell, City of Daphne
Johnny Grimes, Daphne Utilities

REPORT OF LABORATORY ANALYSIS

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

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Pace Analytical Services Mobile

4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

Florida Certification #: E87977

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SAMPLE SUMMARY

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20172512001	Bayfront Park	Water	09/23/20 08:12	09/23/20 09:40
20172512002	Lake Forest Yacht Club	Water	09/23/20 08:00	09/23/20 09:40
20172512003	Stedman's Landing	Water	09/23/20 08:30	09/23/20 09:40

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SAMPLE ANALYTE COUNT

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20172512001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20172512002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20172512003	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs

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ANALYTICAL RESULTS

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Sample: Bayfront Park		Lab ID: 20172512001	Collected: 09/23/20 08:12	Received: 09/23/20 09:40	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	09/23/20 11:15	09/24/20 11:15		N2

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ANALYTICAL RESULTS

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Sample: Lake Forest Yacht Club		Lab ID: 20172512002	Collected: 09/23/20 08:00	Received: 09/23/20 09:40	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	216	MPN/100mL	10.0	10	09/23/20 11:15	09/24/20 11:15		N2

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ANALYTICAL RESULTS

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: Stedman's Landing								
Lab ID: 20172512003								
Collected: 09/23/20 08:30 Received: 09/23/20 09:40 Matrix: Water								
MOB Enterolert/Quanti-Tray								
Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray								
Pace Analytical Services - Mobile Labs								
Enterococci	6490	MPN/100mL	10.0	10	09/23/20 11:15	09/24/20 11:15		N2

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QUALITY CONTROL DATA

Project: Bay Testing 9/23/2020
Pace Project No.: 20172512

QC Batch:	201182	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: 20172512001, 20172512002, 20172512003

METHOD BLANK: 936860 Matrix: Water
Associated Lab Samples: 20172512001, 20172512002, 20172512003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	09/24/20 11:15	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 Testing 9/23/2020

Pace Project No.: 20172512

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bay Testing 9/23/2020
Pace Project No.: 20172512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20172512001	Bayfront Park	Enterolert/Quanti-Tray	201182	Enterolert/Quanti-Tray	201309
20172512002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	201182	Enterolert/Quanti-Tray	201309
20172512003	Stedman's Landing	Enterolert/Quanti-Tray	201182	Enterolert/Quanti-Tray	201309

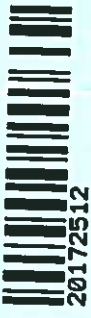
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WFO#: 20172512

CHAIN-OF-CUSTODY / Analytical Request Doc
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be filled out.



20172512

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	Daphne Utilities Wastewater Dept.	Report To:	Sharon Surra	Attention:	
Address:	P.O. Box 2550	Copy To:		Company Name:	
Daphne, AL 36526		Purchase Order #:		Address:	
Email:	sharon@daphnutilities.com	Project Name:	Bay Sampling	Pace Project Manager:	marykathryn.brenner@pacelabs.com
Phone:	(251)380-8561	Project #:		Pace Profile #:	9456
Requested Due Date:				State / Location:	AL
				Regulatory Agency:	

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G-GRAB C=COMP)	MATRIX CODE (see valid codes to left)	RELINQUISHED BY / AFFILIATION		ACCEPTED BY / AFFILIATION		DATE	TIME	DATE	TIME	SAMPLE CONDITIONS	Received on	TEMP in C	Sealed (Y/N)	Cooler (Y/N)	Intact Samples (Y/N)
			START DATE	END DATE			DATE	TIME	DATE	TIME										
1	Drinking Water	GW	9/23	0812	WT		Sharon Surra	9/23/20	940	Kyle H. Williams	9/23/20	940	2:4	Y	Y					
2	Waste Water	WW	9/23	0800	WT															
3	Product	P	9/23	0630	WT															
4	Soil/Solid	SL																		
5	Oil	OL																		
6	Wipe	WP																		
7	Air	AI																		
8	Other	OT																		
9	Tissue	TS																		
10																				
11																				
12																				

Mileage: 52
MHS: 2

BP - 0 Birds / Seaweed
LF - 25 Birds
SL - Lot of Debris in water
Temp: 76° pretty cloudy

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Brandon Skippin Deaman
SIGNATURE of SAMPLER: [Signature]
DATE Signed: 9/23/20



Sample Condition Upon Receipt

4320 Midmost Dr Mobile, AL 36609

WO#: 20172512

PM: MKB

Due Date: 10/02/20

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: 9/23/2020 KAL

Temp must be measured from temperature blank when present

Comments:

Table with 17 rows of checklist items and checkboxes. Items 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: _____