

July 10, 2020

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

RE: Project: Bay Sampling
Pace Project No.: 20161661

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on July 08, 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

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CERTIFICATIONS

Project: Bay Sampling
Pace Project No.: 20161661

Pace Analytical Services Mobile

4320 Midmost Drive, Mobile, AL 36609
Alabama Certification #: 40810

Florida Certification #: E87977

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bay Sampling

Pace Project No.: 20161661

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20161661001	Bayfront Park	Water	07/08/20 09:37	07/08/20 10:55
20161661002	Lake Forest Yacht Club	Water	07/08/20 09:22	07/08/20 10:55
20161661003	Stedman's Landing	Water	07/08/20 09:45	07/08/20 10:55

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SAMPLE ANALYTE COUNT

Project: Bay Sampling

Pace Project No.: 20161661

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20161661001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20161661002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20161661003	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 20161661

Sample: Bayfront Park	Lab ID: 20161661001	Collected: 07/08/20 09:37	Received: 07/08/20 10:55	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	94.0	MPN/100mL	10.0	10	07/08/20 12:00	07/09/20 12:00		N2

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 20161661

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: Lake Forest Yacht Club Lab ID: 20161661002 Collected: 07/08/20 09:22 Received: 07/08/20 10:55 Matrix: Water								
MOB Enterolert/Quanti-Tray Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray Pace Analytical Services - Mobile Labs								
Enterococci	31.0	MPN/100mL	10.0	10	07/08/20 12:00	07/09/20 12:00		N2

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 20161661

Sample: Stedman's Landing		Lab ID: 20161661003	Collected: 07/08/20 09:45	Received: 07/08/20 10:55	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	ND	MPN/100mL	10.0	10	07/08/20 12:00	07/09/20 12:00		N2

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QUALITY CONTROL DATA

Project: Bay Sampling
Pace Project No.: 20161661

QC Batch: 191826	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: 20161661001, 20161661002, 20161661003

METHOD BLANK: 886302 Matrix: Water
Associated Lab Samples: 20161661001, 20161661002, 20161661003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	07/09/20 12:00	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

Pace Project No.: 20161661

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 Sampling

Pace Project No.: 20161661

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20161661001	Bayfront Park	Enterolert/Quanti-Tray	191826	Enterolert/Quanti-Tray	192065
20161661002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	191826	Enterolert/Quanti-Tray	192065
20161661003	Stedman's Landing	Enterolert/Quanti-Tray	191826	Enterolert/Quanti-Tray	192065

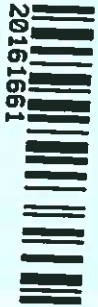
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CHAIN-OF-CUSTODY / Analytical Request
 The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields r

MO#: 20161661



20161661

Section A

Required Client Information:

Company: Daphne Utilities Wastewater Dept.
 Address: P O Box 2550
 Daphne AL 36526
 Email: sharon@daphnautilities.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:
 Pace Quote:
 Pace Project Manager: marykathryn.brenner@pacelabs.com
 Pace Profile #: 9456

Regulatory Agency

State / Location
 AL

ITEM #	MATRIX	CODE	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)
					START DATE	END DATE			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3				
1	Bayfront Park	WT	WT		7/8/20	0937		X										
2	Lake Forest Yacht Club	WT	WT		7/8/20	0912		X										
3	Siedman's Landing	WT	WT		7/8/20	0945		X										
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

ADDITIONAL COMMENTS:
 LF - 50 birds @ yacht club - still H2O
 BP - 2 birds - water very still
 SL - 2 birds - Alot of seaweed
 Temp: 83° / Partly Cloudy

RELINQUISHED BY / AFFILIATION: [Signature] 7.8.20 1055
ACCEPTED BY / AFFILIATION: [Signature] 7/8/20 1055 1:2

SAMPLER NAME AND SIGNATURE: [Signature] 7.8.20

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



Sample Condition Upon Receipt

4320 Midmost Dr Mobile AL 36609

Project #:

MO#: 20161661

PM: MKB Due Date: 07/17/20
 CLIENT: MO-Daphne

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: NTS 7/18/20

17	Temp must be measured from temperature blank when present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
16	Temperature Blank Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
15	Chain of Custody Complete	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14	Chain of Custody Relinquished	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
13	Sampler Name on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
12	Short Hold Time Analyses (<72 hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
11	Rush Turn Around Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
10	Samples Arrived within Hold Time:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9	Sufficient Volume:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
8	Correct Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
7	Filtered vol. Rec. for Diss. tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
6	Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5	All containers received within manufacturer's precautionary and/or expiration dates:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4	All containers needing chemical preservation have been checked (except VOA, micro, & O&G):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3	All containers preservation checked found to be in compliance with EPA recommendation:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
2	Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
1	Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Client Notification/Resolution:

Person Contacted:

Comments/ Resolution:

Date/Time: