

July 29, 2020

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

RE: Project: Bay Sampling
Pace Project No.: 20164527

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 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.: 20164527

Pace Analytical Services Mobile

4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

Florida Certification #: E87977

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SAMPLE SUMMARY

Project: Bay Sampling
Pace Project No.: 20164527

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20164527001	Bayfront Park	Water	07/27/20 10:25	07/27/20 11:22
20164527002	Lake Forest Yacht Club	Water	07/27/20 10:41	07/27/20 11:22
20164527003	Stedman's Landing	Water	07/27/20 10:08	07/27/20 11:22

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SAMPLE ANALYTE COUNT

Project: Bay Sampling

Pace Project No.: 20164527

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20164527001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20164527002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20164527003	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.: 20164527

Sample: Bayfront Park		Lab ID: 20164527001	Collected: 07/27/20 10:25	Received: 07/27/20 11:22	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	52.0	MPN/100mL	10.0	10	07/27/20 12:20	07/28/20 16:20		N2

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 20164527

Sample: Lake Forest Yacht Club		Lab ID: 20164527002	Collected: 07/27/20 10:41	Received: 07/27/20 11:22	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	31.0	MPN/100mL	10.0	10	07/27/20 12:20	07/28/20 12:30		N2

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 20164527

Sample: Stedman's Landing		Lab ID: 20164527003	Collected: 07/27/20 10:08	Received: 07/27/20 11:22	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	07/27/20 12:20	07/28/20 12:30		N2

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QUALITY CONTROL DATA

Project: Bay Sampling

Pace Project No.: 20164527

QC Batch: 194203

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: 20164527001, 20164527002, 20164527003

METHOD BLANK: 899116

Matrix: Water

Associated Lab Samples: 20164527001, 20164527002, 20164527003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	07/28/20 12:30	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.: 20164527

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.: 20164527

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20164527001	Bayfront Park	Enterolert/Quanti-Tray	194203	Enterolert/Quanti-Tray	194283
20164527002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	194203	Enterolert/Quanti-Tray	194283
20164527003	Stedman's Landing	Enterolert/Quanti-Tray	194203	Enterolert/Quanti-Tray	194283

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

WU#: 20164527
20164527

Section A
Required Client Information:

Company: Daphne Utilities Wastewater Dept
Address: P.O. Box 2550
Daphne, AL 36526
Email: sharon@daphnutilities.com
Phone: (251)380-8561
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 (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test	Y/N	Requested Analyze Filtered (Y/N)	Residual Chlorine (Y/N)
			START DATE	START TIME			END DATE	END TIME	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3				
1	Bayfront Park	WT G	7/27/20	10:25														
2	Lake Forest Yacht Club	WT G	7/27/20	10:41														
3	Sedman's Landing	WT G	7/27/20	11:08														
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

ADDITIONAL COMMENTS:
Field taken

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

DATE Signed: 7/27/20

Signature: [Handwritten Signature]

Crane /
ranney, down one seagull
ranney, down, several birds
valley, calm, volcanic, 75°



Sample Condition Upon Receipt

4320 Midmost Dr Mobile AL 36609

Project #:

PM: MKB
 CLIENT: MO-Daphne
 Due Date: 08/05/20

MO#: 20164527

Courier: Face 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: MKB 7/27/20

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 manufacturer's 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	If No, was preservative added? <input type="checkbox"/> Yes <input type="checkbox"/> No If added record lot no.: HNO3 H2SO4
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Client Notification/Resolution: _____
 Person Contacted: _____
 Date/Time: _____
 Comments/Resolution: _____