

July 21, 2020

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

RE: Project: Bay Sampling
Pace Project No.: 20163488

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 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.: 20163488

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.: 20163488

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20163488001	Bayfront Park	Water	07/20/20 07:56	07/20/20 09:00
20163488002	Lake Forest Yacht Club	Water	07/20/20 07:38	07/20/20 09:00
20163488003	Stedmans's Landing	Water	07/20/20 08:15	07/20/20 09:00

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SAMPLE ANALYTE COUNT

Project: Bay Sampling
Pace Project No.: 20163488

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20163488001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20163488002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20163488003	Stedmans'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.: 20163488

Sample: Bayfront Park		Lab ID: 20163488001	Collected: 07/20/20 07:56	Received: 07/20/20 09:00	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	213	MPN/100mL	10.0	10	07/20/20 09:45	07/21/20 09:45		N2

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 20163488

Sample: Lake Forest Yacht Club		Lab ID: 20163488002	Collected: 07/20/20 07:38	Received: 07/20/20 09:00	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	20.0	MPN/100mL	10.0	10	07/20/20 09:45	07/21/20 09:45		N2

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 20163488

Sample: Stedmans's Landing		Lab ID: 20163488003	Collected: 07/20/20 08:15	Received: 07/20/20 09:00	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	243	MPN/100mL	10.0	10	07/20/20 09:45	07/21/20 09:45		N2

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QUALITY CONTROL DATA

Project: Bay Sampling
Pace Project No.: 20163488

QC Batch: 193272	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: 20163488001, 20163488002, 20163488003

METHOD BLANK: 894622 Matrix: Water
Associated Lab Samples: 20163488001, 20163488002, 20163488003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	07/21/20 09:45	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.: 20163488

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.: 20163488

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20163488001	Bayfront Park	Enterolert/Quanti-Tray	193272	Enterolert/Quanti-Tray	193435
20163488002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	193272	Enterolert/Quanti-Tray	193435
20163488003	Stedmans's Landing	Enterolert/Quanti-Tray	193272	Enterolert/Quanti-Tray	193435

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4320 Midmost Dr Mobile, AL 36609

Project #:

MO#: 20163488

PM: MKB
 CLIENT: MO-Daphne
 Due Date: 07/29/20

Courier: Face Client FedEx UPS Other Tracking # _____

Custody Seal on Cooler/Box Present [see COC] 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: MKS 7/29/20

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Temp must be measured from temperature blank when present

Comments

Client Notification/Resolution:

Person Contacted

Comments/ Resolution

Date/Time