

September 01, 2020

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

RE: Project: Bay Sampling 8/31/20
Pace Project No.: 20169297

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on August 31, 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 8/31/20

Pace Project No.: 20169297

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 8/31/20

Pace Project No.: 20169297

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20169297001	Bayfront Park	Water	08/31/20 10:00	08/31/20 11:30
20169297002	Lake Forest Yacht Club	Water	08/31/20 10:10	08/31/20 11:30
20169297003	Stedman's Landing	Water	08/31/20 10:20	08/31/20 11:30

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SAMPLE ANALYTE COUNT

Project: Bay Sampling 8/31/20

Pace Project No.: 20169297

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20169297001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20169297002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20169297003	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs

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ANALYTICAL RESULTS

Project: Bay Sampling 8/31/20

Pace Project No.: 20169297

Sample: Bayfront Park		Lab ID: 20169297001	Collected: 08/31/20 10:00	Received: 08/31/20 11:30	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	98.0	MPN/100mL	10.0	10	08/31/20 12:00	09/01/20 12:00		N2

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ANALYTICAL RESULTS

Project: Bay Sampling 8/31/20

Pace Project No.: 20169297

Sample: Lake Forest Yacht Club		Lab ID: 20169297002	Collected: 08/31/20 10:10	Received: 08/31/20 11:30	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	74.0	MPN/100mL	10.0	10	08/31/20 12:00	09/01/20 12:00		N2

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ANALYTICAL RESULTS

Project: Bay Sampling 8/31/20

Pace Project No.: 20169297

Sample: Stedman's Landing	Lab ID: 20169297003	Collected: 08/31/20 10:20	Received: 08/31/20 11:30	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	75.0	MPN/100mL	10.0	10	08/31/20 12:00	09/01/20 12:00		N2

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QUALITY CONTROL DATA

Project: Bay Sampling 8/31/20

Pace Project No.: 20169297

QC Batch: 198504	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: 20169297001, 20169297002, 20169297003

METHOD BLANK: 922050 Matrix: Water

Associated Lab Samples: 20169297001, 20169297002, 20169297003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	09/01/20 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 8/31/20

Pace Project No.: 20169297

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 8/31/20

Pace Project No.: 20169297

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20169297001	Bayfront Park	Enterolert/Quanti-Tray	198504	Enterolert/Quanti-Tray	198611
20169297002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	198504	Enterolert/Quanti-Tray	198611
20169297003	Stedman's Landing	Enterolert/Quanti-Tray	198504	Enterolert/Quanti-Tray	198611

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4320 Midmost Dr Mobile AL 36609

Sample Condition Upon Receipt

MO#: 20169297
 PM: MKB
 CLIENT: MO-Daphne
 Due Date: 09/10/20

Project #:

Courier: Pace Client FedEx UPS Other Tracking # _____

Custody Seal on Cooler/Box Present [see COC] Yes No

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: MKB 8/31/20

Temp must be measured from temperature blank when present

Comments

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

Client Notification/Resolution:

Person Contacted

Date/Time

Comments/ Resolution