

March 03, 2020

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

RE: Project: Bay Sampling
Pace Project No.: 20144476

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on March 02, 2020. The results relate only to the samples included in this report.

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.: 20144476

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.: 20144476

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20144476001	Bayfront Park	Water	03/02/20 07:34	03/02/20 09:10
20144476002	Lake Forest Yacht Club	Water	03/02/20 07:14	03/02/20 09:10
20144476003	Stedman's Landing	Water	03/02/20 07:50	03/02/20 09:10

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SAMPLE ANALYTE COUNT

Project: Bay Sampling

Pace Project No.: 20144476

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20144476001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20144476002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20144476003	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 20144476

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: Bayfront Park								
Lab ID: 20144476001								
Collected: 03/02/20 07:34 Received: 03/02/20 09:10 Matrix: Water								
MOB Enterolert/Quanti-Tray								
Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray								
Enterococci	10.0	MPN/100mL	10.0	10	03/02/20 10:00	03/03/20 10:04		N2

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 20144476

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: Lake Forest Yacht Club Lab ID: 20144476002 Collected: 03/02/20 07:14 Received: 03/02/20 09:10 Matrix: Water								
MOB Enterolert/Quanti-Tray Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray								
Enterococci	ND	MPN/100mL	10.0	10	03/02/20 10:00	03/03/20 10:04		N2

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 20144476

Sample: Stedman's Landing		Lab ID: 20144476003	Collected: 03/02/20 07:50	Received: 03/02/20 09:10	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								
Enterococci	ND	MPN/100mL	10.0	10	03/02/20 10:00	03/03/20 10:04		N2

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QUALIFIERS

Project: Bay Sampling

Pace Project No.: 20144476

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.: 20144476

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20144476001	Bayfront Park	Enterolert/Quanti-Tray	177162	Enterolert/Quanti-Tray	177180
20144476002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	177162	Enterolert/Quanti-Tray	177180
20144476003	Stedman's Landing	Enterolert/Quanti-Tray	177162	Enterolert/Quanti-Tray	177180

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4320 Midmost Dr Mobile, AL 36609

Project #:

MO#: 20144476
 PM: MKB
 CLIENT: MO-Daphne
 Due Date: 03/11/20

Sample Condition Upon Receipt

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]

Date and Initials of person examining contents: MKS 3/2/20

Cooler Temperature: [see COC]

Temp must be measured from temperature blank when present Comments:

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
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

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