

January 12, 2021

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

RE: Project: Bay Sampling
Pace Project No.: 20185918

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on January 04, 2021. 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.: 20185918

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.: 20185918

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20185918001	Lake Forest	Water	01/04/21 09:50	01/04/21 10:25
20185918002	Bayfront Park	Water	01/04/21 09:59	01/04/21 10:25
20185918003	Stedman's Landing	Water	01/04/21 10:10	01/04/21 10:25

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SAMPLE ANALYTE COUNT

Project: Bay Sampling

Pace Project No.: 20185918

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20185918001	Lake Forest	Enterolert/Quanti-Tray	PP1	1
20185918002	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20185918003	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.: 20185918

Sample: Lake Forest	Lab ID: 20185918001	Collected: 01/04/21 09:50	Received: 01/04/21 10:25	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	73.0	MPN/100mL	10.0	10	01/04/21 11:05	01/05/21 10:55		N2

Sample: Bayfront Park	Lab ID: 20185918002	Collected: 01/04/21 09:59	Received: 01/04/21 10:25	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	01/04/21 11:05	01/05/21 10:55		N2

Sample: Stedman's Landing	Lab ID: 20185918003	Collected: 01/04/21 10:10	Received: 01/04/21 10:25	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	01/04/21 11:05	01/05/21 10:55		N2

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QUALITY CONTROL DATA

Project: Bay Sampling

Pace Project No.: 20185918

QC Batch: 212372

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: 20185918001, 20185918002, 20185918003

METHOD BLANK: 997169

Matrix: Water

Associated Lab Samples: 20185918001, 20185918002, 20185918003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	01/05/21 10:55	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.: 20185918

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.: 20185918

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20185918001	Lake Forest	Enterolert/Quanti-Tray	212372	Enterolert/Quanti-Tray	212447
20185918002	Bayfront Park	Enterolert/Quanti-Tray	212372	Enterolert/Quanti-Tray	212447
20185918003	Stedman's Landing	Enterolert/Quanti-Tray	212372	Enterolert/Quanti-Tray	212447

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