

May 24, 2023

Josh Newman  
City of Daphne

RE: Project: Bay Sampling 05/22/23  
Pace Project No.: 20278131

Dear Josh Newman:

Enclosed are the analytical results for sample(s) received by the laboratory on May 22, 2023. 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: Johnny Grimes, Daphne Utilities  
Bobby Purvis, Daphne Utilities Wastewater Dept.  
Jesie Ward, City of Daphne

## **REPORT OF LABORATORY ANALYSIS**

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## CERTIFICATIONS

Project: Bay Sampling 05/22/23  
Pace Project No.: 20278131

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**Pace Analytical Services Mobile**  
4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

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## SAMPLE SUMMARY

Project: Bay Sampling 05/22/23

Pace Project No.: 20278131

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
20278131001	Bayfront Park	Water	05/22/23 08:41	05/22/23 09:34
20278131002	Lake Forest Yacht Club	Water	05/22/23 08:26	05/22/23 09:34
20278131003	Stedman's Landing	Water	05/22/23 09:08	05/22/23 09:34

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### SAMPLE ANALYTE COUNT

Project: Bay Sampling 05/22/23

Pace Project No.: 20278131

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20278131001	Bayfront Park	Enterolert/Quanti-Tray	LMR	1
20278131002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	LMR	1
20278131003	Stedman's Landing	Enterolert/Quanti-Tray	LMR	1

PASI-MO = Pace Analytical Services - Mobile Labs

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### ANALYTICAL RESULTS

Project: Bay Sampling 05/22/23  
Pace Project No.: 20278131

<b>Sample: Bayfront Park</b>	<b>Lab ID: 20278131001</b>	Collected: 05/22/23 08:41	Received: 05/22/23 09:34	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>MOB Enterolert/Quanti-Tray</b>	Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray Pace Analytical Services - Mobile Labs							
Enterococci	<b>10.0</b>	MPN/100mL	10.0	10	05/22/23 13:30	05/23/23 15:40		N2

<b>Sample: Lake Forest Yacht Club</b>	<b>Lab ID: 20278131002</b>	Collected: 05/22/23 08:26	Received: 05/22/23 09:34	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>MOB Enterolert/Quanti-Tray</b>	Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray Pace Analytical Services - Mobile Labs							
Enterococci	ND	MPN/100mL	10.0	10	05/22/23 13:30	05/23/23 15:40		N2

<b>Sample: Stedman's Landing</b>	<b>Lab ID: 20278131003</b>	Collected: 05/22/23 09:08	Received: 05/22/23 09:34	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>MOB Enterolert/Quanti-Tray</b>	Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray Pace Analytical Services - Mobile Labs							
Enterococci	<b>723</b>	MPN/100mL	10.0	10	05/22/23 13:30	05/23/23 15:40		N2

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### QUALITY CONTROL DATA

Project: Bay Sampling 05/22/23

Pace Project No.: 20278131

QC Batch: 287057

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: 20278131001, 20278131002, 20278131003

METHOD BLANK: 1376342

Matrix: Water

Associated Lab Samples: 20278131001, 20278131002, 20278131003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	05/23/23 15:40	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 05/22/23

Pace Project No.: 20278131

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### 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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

### 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 05/22/23  
Pace Project No.: 20278131

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20278131001	Bayfront Park	Enterolert/Quanti-Tray	287057	Enterolert/Quanti-Tray	287261
20278131002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	287057	Enterolert/Quanti-Tray	287261
20278131003	Stedman's Landing	Enterolert/Quanti-Tray	287057	Enterolert/Quanti-Tray	287261

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