

April 09, 2021

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

RE: Project: Bay Sampling 4/7/21  
Pace Project No.: 20195598

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on April 07, 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: Eric Butler, Daphne Utilities  
Ashley Campbell, City of Daphne  
Johnny Grimes, Daphne Utilities  
Tim White, Daphne Utilities

## **REPORT OF LABORATORY ANALYSIS**

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## CERTIFICATIONS

Project: Bay Sampling 4/7/21  
Pace Project No.: 20195598

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**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 4/7/21

Pace Project No.: 20195598

| Lab ID      | Sample ID              | Matrix | Date Collected | Date Received  |
|-------------|------------------------|--------|----------------|----------------|
| 20195598001 | Bayfront Park          | Water  | 04/07/21 08:30 | 04/07/21 12:00 |
| 20195598002 | Lake Forest Yacht Club | Water  | 04/07/21 08:19 | 04/07/21 12:00 |
| 20195598003 | Stedman's Landing      | Water  | 04/07/21 08:46 | 04/07/21 12:00 |

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### SAMPLE ANALYTE COUNT

Project: Bay Sampling 4/7/21

Pace Project No.: 20195598

| Lab ID      | Sample ID              | Method                 | Analysts | Analytes Reported |
|-------------|------------------------|------------------------|----------|-------------------|
| 20195598001 | Bayfront Park          | Enterolert/Quanti-Tray | PP1      | 1                 |
| 20195598002 | Lake Forest Yacht Club | Enterolert/Quanti-Tray | PP1      | 1                 |
| 20195598003 | Stedman's Landing      | Enterolert/Quanti-Tray | PP1      | 1                 |

PASI-MO = Pace Analytical Services - Mobile Labs

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### ANALYTICAL RESULTS

Project: Bay Sampling 4/7/21

Pace Project No.: 20195598

| <b>Sample: Bayfront Park</b> | <b>Lab ID: 20195598001</b> | Collected: 04/07/21 08:30 | Received: 04/07/21 12:00 | 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<br>Pace Analytical Services - Mobile Labs |           |      |    |                |                |  |    |
| Enterococci                       | <b>41.0</b>  | MPN/100mL | 10.0 | 10 | 04/07/21 12:57 | 04/08/21 13:02 |  | N2 |

| <b>Sample: Lake Forest Yacht Club</b> | <b>Lab ID: 20195598002</b> | Collected: 04/07/21 08:19 | Received: 04/07/21 12:00 | 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<br>Pace Analytical Services - Mobile Labs |           |      |    |                |                |  |    |
| Enterococci                       | <b>31.0</b>  | MPN/100mL | 10.0 | 10 | 04/07/21 12:57 | 04/08/21 13:02 |  | N2 |

| <b>Sample: Stedman's Landing</b> | <b>Lab ID: 20195598003</b> | Collected: 04/07/21 08:46 | Received: 04/07/21 12:00 | 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<br>Pace Analytical Services - Mobile Labs |           |      |    |                |                |  |    |
| Enterococci                       | <b>10.0</b>  | MPN/100mL | 10.0 | 10 | 04/07/21 12:57 | 04/08/21 13:02 |  | N2 |

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**QUALITY CONTROL DATA**

Project: Bay Sampling 4/7/21

Pace Project No.: 20195598

QC Batch: 221379

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: 20195598001, 20195598002, 20195598003

METHOD BLANK: 1039625

Matrix: Water

Associated Lab Samples: 20195598001, 20195598002, 20195598003

| Parameter   | Units     | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|-------------|-----------|--------------|-----------------|----------------|------------|
| Enterococci | MPN/100mL | ND           | 1.0             | 04/08/21 13:02 | 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 4/7/21

Pace Project No.: 20195598

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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.

### 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 4/7/21

Pace Project No.: 20195598

| Lab ID      | Sample ID              | QC Batch Method        | QC Batch | Analytical Method      | Analytical Batch |
|-------------|------------------------|------------------------|----------|------------------------|------------------|
| 20195598001 | Bayfront Park          | Enterolert/Quanti-Tray | 221379   | Enterolert/Quanti-Tray | 221458           |
| 20195598002 | Lake Forest Yacht Club | Enterolert/Quanti-Tray | 221379   | Enterolert/Quanti-Tray | 221458           |
| 20195598003 | Stedman's Landing      | Enterolert/Quanti-Tray | 221379   | Enterolert/Quanti-Tray | 221458           |

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WO#: 20195598

PM: MKB

Due Date: 04/16/21

CLIENT: MO-Daphne



Sample Condition Upon Receipt

4320 Midmost Dr Mobile AL 36609

Project #:

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]

Cooler Temperature: [see COC]

Date and Initials of person examining contents: MAS 4/17/21

Temp must be measured from temperature blank when present

Comments:

|   |  |    |
|---|--|----|
| Temperature Blank Present   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 1  |
| Chain of Custody Present:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 2  |
| Chain of Custody Complete:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 3  |
| Chain of Custody Relinquished:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 4  |
| Sampler Name on COC:  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            | 5  |
| Short Hold Time Analyses (<72 hr):  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A            | 6  |
| Rush Turn Around Requested:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 7  |
| Samples Arrived within Hold Time:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 8  |
| Sufficient Volume:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 9  |
| Correct Containers Used:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 10 |
| Filtered vol. Rec. for Diss. tests  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 11 |
| Sample Labels match COC:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 12 |
| 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 | 13 |
| All containers needing chemical preservation have been checked (except VOA, micro, & O&G) | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 14 |
| All containers preservation checked found to be in compliance with EPA recommendation:    | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 15 |
| Headspace in VOA Vials (>6mm):  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 16 |
| Trip Blank Present:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | 17 |

Client Notification/Resolution:

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_