

May 10, 2023

Josh Newman
City of Daphne

RE: Project: Bay Sampling 05/08/23
Pace Project No.: 20276843

Dear Josh Newman:

Enclosed are the analytical results for sample(s) received by the laboratory on May 08, 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 05/08/23

Pace Project No.: 20276843

Pace Analytical Services Mobile

4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

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SAMPLE SUMMARY

Project: Bay Sampling 05/08/23

Pace Project No.: 20276843

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|------------------------|--------|----------------|----------------|
| 20276843001 | Bayfront Park | Water | 05/08/23 08:51 | 05/08/23 10:25 |
| 20276843002 | Lake Forest Yacht Club | Water | 05/08/23 08:38 | 05/08/23 10:25 |
| 20276843003 | Stedman's Landing | Water | 05/08/23 09:14 | 05/08/23 10:25 |

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SAMPLE ANALYTE COUNT

Project: Bay Sampling 05/08/23

Pace Project No.: 20276843

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|-------------|------------------------|------------------------|----------|-------------------|
| 20276843001 | Bayfront Park | Enterolert/Quanti-Tray | LMR | 1 |
| 20276843002 | Lake Forest Yacht Club | Enterolert/Quanti-Tray | LMR | 1 |
| 20276843003 | Stedman's Landing | Enterolert/Quanti-Tray | LMR | 1 |

PASI-MO = Pace Analytical Services - Mobile Labs

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ANALYTICAL RESULTS

Project: Bay Sampling 05/08/23

Pace Project No.: 20276843

| Sample: Bayfront Park | | Lab ID: 20276843001 | Collected: 05/08/23 08:51 | Received: 05/08/23 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 | 05/08/23 13:30 | 05/09/23 13:30 | | N2 |

| Sample: Lake Forest Yacht Club | | Lab ID: 20276843002 | Collected: 05/08/23 08:38 | Received: 05/08/23 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 | 41.0 | MPN/100mL | 10.0 | 10 | 05/08/23 13:30 | 05/09/23 13:30 | | N2 |

| Sample: Stedman's Landing | | Lab ID: 20276843003 | Collected: 05/08/23 09:14 | Received: 05/08/23 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 | 146 | MPN/100mL | 10.0 | 10 | 05/08/23 13:30 | 05/09/23 13:30 | | N2 |

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QUALITY CONTROL DATA

Project: Bay Sampling 05/08/23

Pace Project No.: 20276843

| | | | |
|------------------|------------------------|-----------------------|--|
| QC Batch: | 285685 | 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: 20276843001, 20276843002, 20276843003

METHOD BLANK: 1369658 Matrix: Water

Associated Lab Samples: 20276843001, 20276843002, 20276843003

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-------------|-----------|--------------|-----------------|----------------|------------|
| Enterococci | MPN/100mL | ND | 1.0 | 05/09/23 13:30 | 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 05/08/23

Pace Project No.: 20276843

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 05/08/23

Pace Project No.: 20276843

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---------------|------------------------|------------------------|-----------------|--------------------------|-------------------------|
| 20276843001 | Bayfront Park | Enterolert/Quanti-Tray | 285685 | Enterolert/Quanti-Tray | 285864 |
| 20276843002 | Lake Forest Yacht Club | Enterolert/Quanti-Tray | 285685 | Enterolert/Quanti-Tray | 285864 |
| 20276843003 | Stedman's Landing | Enterolert/Quanti-Tray | 285685 | Enterolert/Quanti-Tray | 285864 |

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Sample Condition Upon Receipt

4320 Midmost Dr. Mobile, AL
36609

Project #:

WO#: 20276843

PM: MKB Due Date: 05/17/23

CLIENT: MO-Daphne

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: 5/18/23 MKB

Temp must be measured from temperature blank when present

Comments:

| | | | |
|--|--|----|--|
| Temperature Blank Present: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 5 | |
| Short Hold Time Analyses (<72 hr): | <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input 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 | If No, was preservative added? <input type="checkbox"/> Yes <input type="checkbox"/> No If added record lot no.: HNO3 _____ H2SO4 _____ |
| 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 type="checkbox"/> No | 17 | |

Client Notification/Resolution:

Person Contacted: _____

Date/Time: _____

Comments/ Resolution: _____

