

February 04, 2020

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

RE: Project: Bay Sampling

Pace Project No.: 20140619

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on February 03, 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

MK Brenner

marykathryn.brenner@pacelabs.com

251-344-9106

Project Manager

Enclosures

cc: Ashley Campbell, City of Daphne Johnny Grimes, Daohne Utilities



4320 Midmost Dr Mobile, AL 36609 251-344-9106



CERTIFICATIONS

Project: Bay Sampling Pace Project No.: 20140619

Pace Analytical Services Mobile

4320 Midmost Drive, Mobile, AL 36609 Alabama Certification #: 40810

Florida Certification #: E87977



SAMPLE SUMMARY

Project: Bay Sampling Pace Project No.: 20140619

| Lab ID | Sample ID | Matrix | Date Collected | Date Received | |
|-------------|------------------------|--------|----------------|----------------|--|
| 20140619001 | Bayfront Park | Water | 02/03/20 07:45 | 02/03/20 10:00 | |
| 20140619002 | Lake Forest Yacht Club | Water | 02/03/20 08:00 | 02/03/20 10:00 | |
| 20140619003 | Stedman's Landing | Water | 02/03/20 08:10 | 02/03/20 10:00 | |



SAMPLE ANALYTE COUNT

Project: Bay Sampling Pace Project No.: 20140619

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|-------------|------------------------|------------------------|----------|----------------------|
| 20140619001 | Bayfront Park | Enterolert/Quanti-Tray | PP1 | 1 |
| 20140619002 | Lake Forest Yacht Club | Enterolert/Quanti-Tray | PP1 | 1 |
| 20140619003 | Stedman's Landing | Enterolert/Quanti-Tray | PP1 | 1 |



ANALYTICAL RESULTS

Project: Bay Sampling Pace Project No.: 20140619

| Sample: Bayfront Park | Lab ID: 20140619 | 9001 Collected: 02/03/2 | 0 07:45 | Received: 02 | /03/20 10:00 M | atrix: Water | |
|----------------------------|----------------------|--------------------------------|-----------|------------------|----------------|--------------|------|
| Parameters | Results U | Inits Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| MOB Enterolert/Quanti-Tray | Analytical Method: E | Enterolert/Quanti-Tray Prep | aration N | Method: Enterole | rt/Quanti-Tray | | |
| Enterococci | 10.0 MPN | /100mL 10.0 | 10 | 02/03/20 10:40 | 02/04/20 10:53 | | N2 |



ANALYTICAL RESULTS

Project: Bay Sampling
Pace Project No.: 20140619

| Sample: Lake Forest Yacht Club | Lab ID: 201406190 | 02/03/2 | 20 08:00 | Received: 02 | /03/20 10:00 | Matrix: Water | |
|--------------------------------|-----------------------|-------------------------|------------|------------------|-----------------|---------------|------|
| Parameters | Results Un | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| MOB Enterolert/Quanti-Tray | Analytical Method: En | erolert/Quanti-Tray Pre | paration I | Method: Enterole | ert/Quanti-Tray | | |
| Enterococci | 10.0 MPN/1 | 00mL 10.0 | 10 | 02/03/20 10:40 | 02/04/20 10:53 | 3 | N2 |



ANALYTICAL RESULTS

Project: Bay Sampling Pace Project No.: 20140619

| Sample: Stedman's Landing | Lab ID: 201406 | 6 19003 Co | ollected: 02/03/2 | 0 08:10 | Received: 0 | 02/03/20 10:00 | Matrix: Water | |
|----------------------------|-------------------|-------------------|-------------------|---------|----------------|------------------|---------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| MOB Enterolert/Quanti-Tray | Analytical Method | : Enterolert/0 | Quanti-Tray Prep | aration | Method: Entero | lert/Quanti-Tray | | |
| Enterococci | 10.0 MF | PN/100ml | 10.0 | 10 | 02/03/20 10:40 | 0 02/04/20 10:5 | 3 | N2 |



QUALITY CONTROL DATA

Project: Bay Sampling Pace Project No.: 20140619

Date: 02/04/2020 01:09 PM

QC Batch: 173920 Analysis Method: Enterolert/Quanti-Tray

QC Batch Method: Enterolert/Quanti-Tray Analysis Description: MOB Enterolert/Quanti-Tray

Associated Lab Samples: 20140619001, 20140619002, 20140619003

METHOD BLANK: 790853 Matrix: Water

Associated Lab Samples: 20140619001, 20140619002, 20140619003

Blank Reporting

ParameterUnitsResultLimitAnalyzedQualifiersEnterococciMPN/100mLND1.002/04/20 10:53N2

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.



QUALIFIERS

Project: Bay Sampling Pace Project No.: 20140619

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

Date: 02/04/2020 01:09 PM

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.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bay Sampling Pace Project No.: 20140619

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|------------------------|------------------------|----------|------------------------|---------------------|
| 20140619001 | Bayfront Park | Enterolert/Quanti-Tray | 173920 | Enterolert/Quanti-Tray | |
| 20140619002 | Lake Forest Yacht Club | Enterolert/Quanti-Tray | 173920 | Enterolert/Quanti-Tray | 173945 |
| 20140619003 | Stedman's Landing | Enterolert/Quanti-Tray | 173920 | Enterolert/Quanti-Tray | 173945 |

CHAIN-OF-CUSTODY / Analytical Reques The Chain-of-Custody is a LEGAL DOCUMENT. All relevant field

MU# . ZW14W619

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40#:20140619

Due Date: 02/12/20

Sample Condition Upon Receipt

Tace Analytical

CLIENT: MO-Daphne

F-NO-C-003-rev.10 16Feb2018 Mobile SCUR Form.xlsx

Project #:

4320 M dmost Dr. Mobile, AL 36609

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| Courter: Pace Client FedEx UPS Other Tracking # | | 0 0 | કવા | | |