

March 18, 2019

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

RE: Project: Bay Sampling
Pace Project No.: 2098577

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on March 15, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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.: 2098577

Mobile Certification IDs

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

Florida Certification #: E87977

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SAMPLE SUMMARY

Project: Bay Sampling

Pace Project No.: 2098577

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2098577001	Stedman's Landing	Water	03/15/19 08:40	03/15/19 10:50
2098577002	Lake Forest Yacht Club	Water	03/15/19 10:21	03/15/19 10:50

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SAMPLE ANALYTE COUNT

Project: Bay Sampling

Pace Project No.: 2098577

Lab ID	Sample ID	Method	Analysts	Analytes Reported
2098577001	Stedman's Landing	Enterolert/Quanti-Tray	CMR	1
2098577002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	CMR	1

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 2098577

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: Stedman's Landing								
Lab ID: 2098577001								
Collected: 03/15/19 08:40 Received: 03/15/19 10:50 Matrix: Water								
MOB Enterolert/Quanti-Tray								
Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray								
Enterococci	1780	MPN/100mL	10.0	10	03/15/19 13:48	03/16/19 13:48		

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 2098577

Sample: Lake Forest Yacht Club		Lab ID: 2098577002	Collected: 03/15/19 10:21	Received: 03/15/19 10:50	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								
Enterococci	73.0	MPN/100mL	10.0	10	03/15/19 13:48	03/16/19 13:48		

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QUALITY CONTROL DATA

Project: Bay Sampling

Pace Project No.: 2098577

QC Batch: 136422

Analysis Method: Enterolert/Quanti-Tray

QC Batch Method: Enterolert/Quanti-Tray

Analysis Description: MOB Enterolert/Quanti-Tray

Associated Lab Samples: 2098577001, 2098577002

METHOD BLANK: 593249

Matrix: Water

Associated Lab Samples: 2098577001, 2098577002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	03/16/19 13:48	

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.: 2098577

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.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The Nelac Institute

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bay Sampling

Pace Project No.: 2098577

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2098577001	Stedman's Landing	Enterolert/Quanti-Tray	136422	Enterolert/Quanti-Tray	136443
2098577002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	136422	Enterolert/Quanti-Tray	136443

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder # inside table...

WO#: 2098577

Company: Daphne Utilities

Address:

Report To:

Copy To:

Customer Project Name/Number:

Baywater

Phone:

Email:

Site/Facility ID #:

Purchase Order #:

Quote #:

Turnaround Date Required:

Rush:

Sample Disposal:

Collected By (print):

Collected By (signature):

Site Matrix Codes (Insert in Matrix box below):

Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start) Date

Time

Composite End Date

Time

Res Cl

Blue

Dry

None

of Ctns

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used:

Packing Material Used:

Radchem sample(s) screened (<500 cpm):

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

ALL SHADED

Container Preservative Type *

Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

- Custody Seals Present/Intact: Y N NA
- Custody Signatures Present: Y N NA
- Collector Signatures Present: Y N NA
- Bottles Intact: Y N NA
- Correct Bottles: Y N NA
- Sufficient Volume: Y N NA
- Samples Received on Ice: Y N NA
- VOA - Headspace Acceptable: Y N NA
- USDA Regulated Soils: Y N NA
- Samples in Holding Time: Y N NA
- Residual Chlorine Present: Y N NA
- Cl Strips: Y N NA
- Sample pH Acceptable: Y N NA
- pH Strips: Y N NA
- Sulfide Present: Y N NA
- Lead Acetate Strips: Y N NA

LAB USE ONLY:

Lab Sample # / Comments:

Lab Sample # / Comments:

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Lab Sample # / Comments:

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2365582

Samples received via: FEDEX UPS Client Courier

Date/Time: 9/5/19 1050

Received by/Company: (Signature)

Date/Time: 3.15.19 1050

Received by/Company: (Signature)

Date/Time: 3.15.19 1050

Received by/Company: (Signature)

Date/Time: 3.15.19 1050

Received by/Company: (Signature)

Date/Time: 3.15.19 1050

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: JK-0613

Cooler 1 Temp Upon Receipt: 0.3 oC

Cooler 1 Therm Corr. Factor: 0.1 oC

Cooler 1 Corrected Temp: 0.2 oC

Comments:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s):

YES / NO

Page: 1 of: 1