

June 04, 2019

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

RE: Project: Bay Testing
Pace Project No.: 20105513

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on May 28, 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 Testing
Pace Project No.: 20105513

Mobile Certification IDs

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

Florida Certification #: E87977

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SAMPLE SUMMARY

Project: Bay Testing

Pace Project No.: 20105513

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20105513001	Yacht Club	Water	05/28/19 09:15	05/28/19 11:23
20105513002	Bayfront Park	Water	05/28/19 08:35	05/28/19 11:23
20105513003	Stedman Landing	Water	05/28/19 08:58	05/28/19 11:23

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SAMPLE ANALYTE COUNT

Project: Bay Testing

Pace Project No.: 20105513

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20105513001	Yacht Club	Enterolert/Quanti-Tray	CMR	1
20105513002	Bayfront Park	Enterolert/Quanti-Tray	CMR	1
20105513003	Stedman Landing	Enterolert/Quanti-Tray	CMR	1

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ANALYTICAL RESULTS

Project: Bay Testing

Pace Project No.: 20105513

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: Yacht Club								
Lab ID: 20105513001								
Collected: 05/28/19 09:15 Received: 05/28/19 11:23 Matrix: Water								
MOB Enterolert/Quanti-Tray								
Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray								
Enterococci	ND	MPN/100mL	10.0	10	05/28/19 11:49	05/29/19 11:44		

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ANALYTICAL RESULTS

Project: Bay Testing

Pace Project No.: 20105513

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: Bayfront Park								
Lab ID: 20105513002								
Collected: 05/28/19 08:35 Received: 05/28/19 11:23 Matrix: Water								
MOB Enterolert/Quanti-Tray								
Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray								
Enterococci	30.0	MPN/100mL	10.0	10	05/28/19 11:49	05/29/19 11:44		

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ANALYTICAL RESULTS

Project: Bay Testing

Pace Project No.: 20105513

Sample: Stedman Landing		Lab ID: 20105513003	Collected: 05/28/19 08:58	Received: 05/28/19 11:23	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	75.0	MPN/100mL	10.0	10	05/28/19 11:49	05/29/19 11:44		

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QUALITY CONTROL DATA

Project: Bay Testing

Pace Project No.: 20105513

QC Batch: 143535 Analysis Method: Enterolert/Quanti-Tray

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

Associated Lab Samples: 20105513001, 20105513002, 20105513003

METHOD BLANK: 629679 Matrix: Water

Associated Lab Samples: 20105513001, 20105513002, 20105513003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	05/29/19 11:05	

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 Testing

Pace Project No.: 20105513

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 Testing

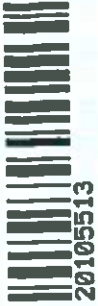
Pace Project No.: 20105513

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20105513001	Yacht Club	Enterolert/Quanti-Tray	143535	Enterolert/Quanti-Tray	143581
20105513002	Bayfront Park	Enterolert/Quanti-Tray	143535	Enterolert/Quanti-Tray	143581
20105513003	Stedman Landing	Enterolert/Quanti-Tray	143535	Enterolert/Quanti-Tray	143581

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WO#: 20105513



20105513

CHAIN-OF-CUSTODY Analytical Request Document

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

Pace Analytical
Company: DAPHNE ULT
Address:

Container Preservative Type **

ALL SHADE

Lab Project Manager:

** 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

Table with columns for Sample ID, Matrix, Comp/Grab, Date, Time, Res Cl, # of Ctns, and Lab Profile/Line. Includes handwritten entries like 'SOUTH CLUB' and 'BAY FRONTAILES'.

Customer Remarks / Special Conditions / Possible Hazards: SHORT HOLDS PRESENT (<72 hours): Y N N/A
Lab Tracking #: 2335517
Samples received via: FEDEX UPS Client Courier Pace Courier
Date/Time: 5-28-19 11:23
Received by/Company: (Signature) Mike D. Williams

Billing Information:
Email To:
Site Collection Info/Address:
State: County/City: Time Zone Collected: | PT | MT | CT | ET
Compliance Monitoring: | Yes | No
DW PWS ID #: DW Location Code:
Immediately Packed on Ice: | Yes | No
Field Filtered (if applicable): | Yes | No
Analysis:
Turnaround Date Required:
Rush: | Same Day | Next Day | 1-2 Day | 3-4 Day | 5 Day (Expedite Charges Apply)
Sample Disposal: | Dispose as appropriate | Return | Archive: | Hold:

* Matrix Codes (Insert in Matrix box below): Drinking Water (GW), Wastewater (WW), 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 Date Time Res Cl # of Ctns
YOUTH CLUB GLO G 5-28-19 9:15
BAY FRONTAILES / 8:35
STEDMAN LANDING / 8:58
Customer Remarks / Special Conditions / Possible Hazards: Type of Ice Used: Wet Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): Y N NA
Date/Time: 5-28-19 11:23
Received by/Company: (Signature) Mike D. Williams
Relinquished by/Company: (Signature)
Relinquished by/Company: (Signature)
Relinquished by/Company: (Signature)

Lab Sample Temperature Info:
Temp Blank Received: Y NA
Therm ID#: NA
Cooler 1 Temp Upon Receipt: -0.1 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
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