

April 26, 2023

Josh Newman
City of Daphne

RE: Project: Bay Sampling 04/24/23
Pace Project No.: 20275619

Dear Josh Newman:

Enclosed are the analytical results for sample(s) received by the laboratory on April 24, 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 04/24/23
Pace Project No.: 20275619

Pace Analytical Services Mobile
4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

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SAMPLE SUMMARY

Project: Bay Sampling 04/24/23

Pace Project No.: 20275619

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20275619001	Bayfront Park	Water	04/24/23 11:05	04/24/23 12:35
20275619002	Lake Forest Yacht Club	Water	04/24/23 10:50	04/24/23 12:35
20275619003	Stedman's Landing	Water	04/24/23 11:40	04/24/23 12:35

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SAMPLE ANALYTE COUNT

Project: Bay Sampling 04/24/23

Pace Project No.: 20275619

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20275619001	Bayfront Park	Enterolert/Quanti-Tray	LMR	1
20275619002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	LMR	1
20275619003	Stedman's Landing	Enterolert/Quanti-Tray	LMR	1

PASI-MO = Pace Analytical Services - Mobile Labs

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ANALYTICAL RESULTS

Project: Bay Sampling 04/24/23

Pace Project No.: 20275619

Sample: Bayfront Park	Lab ID: 20275619001	Collected: 04/24/23 11:05	Received: 04/24/23 12:35	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	96.0	MPN/100mL	10.0	10	04/24/23 14:30	04/25/23 15:30		N2

Sample: Lake Forest Yacht Club	Lab ID: 20275619002	Collected: 04/24/23 10:50	Received: 04/24/23 12:35	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	72.0	MPN/100mL	10.0	10	04/24/23 14:30	04/25/23 15:30		N2

Sample: Stedman's Landing	Lab ID: 20275619003	Collected: 04/24/23 11:40	Received: 04/24/23 12:35	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	10.0	MPN/100mL	10.0	10	04/24/23 14:30	04/25/23 15:30		N2

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QUALITY CONTROL DATA

Project: Bay Sampling 04/24/23

Pace Project No.: 20275619

QC Batch:	284513	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: 20275619001, 20275619002, 20275619003

METHOD BLANK: 1363812 Matrix: Water

Associated Lab Samples: 20275619001, 20275619002, 20275619003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	04/25/23 15:30	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 04/24/23

Pace Project No.: 20275619

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 04/24/23

Pace Project No.: 20275619

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20275619001	Bayfront Park	Enterolert/Quanti-Tray	284513	Enterolert/Quanti-Tray	284693
20275619002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	284513	Enterolert/Quanti-Tray	284693
20275619003	Stedman's Landing	Enterolert/Quanti-Tray	284513	Enterolert/Quanti-Tray	284693

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Sample Condition Upon Receipt

4320 Midmost Dr Mobile, AL
36609

WO#: 20275619

PM: MKB Due Date: 05/03/23
CLIENT: MO-Daphne

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: 4/24/23 [initials]

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 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 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 type="checkbox"/> No	17

If No, was preservative added? Yes No
If added record lot no.: HNO3 _____ H2SO4 _____

Client Notification/Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

