



August 02, 2023

Josh Newman
City of Daphne

,

RE: Project: Bay Sampling 07/31/23
Pace Project No.: 20283979

Dear Josh Newman:

Enclosed are the analytical results for sample(s) received by the laboratory on July 31, 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,

A handwritten signature in black ink that reads "MK Brenner".

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 07/31/23

Pace Project No.: 20283979

Pace Analytical Services Mobile

4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

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SAMPLE SUMMARY

Project: Bay Sampling 07/31/23

Pace Project No.: 20283979

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20283979001	Bayfront Park	Water	07/31/23 10:15	07/31/23 11:05
20283979002	Lake Forest Yacht Club	Water	07/31/23 10:00	07/31/23 11:05
20283979003	Stedman's Landing	Water	07/31/23 10:40	07/31/23 11:05

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SAMPLE ANALYTE COUNT

Project: Bay Sampling 07/31/23

Pace Project No.: 20283979

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20283979001	Bayfront Park	Enterolert/Quanti-Tray	LMR	1
20283979002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	LMR	1
20283979003	Stedman's Landing	Enterolert/Quanti-Tray	LMR	1

PASI-MO = Pace Analytical Services - Mobile Labs

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ANALYTICAL RESULTS

Project: Bay Sampling 07/31/23

Pace Project No.: 20283979

Sample: Bayfront Park		Lab ID: 20283979001	Collected: 07/31/23 10:15	Received: 07/31/23 11:05	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	275	MPN/100mL	10.0	10	07/31/23 13:40	08/01/23 14:10		N2

Sample: Lake Forest Yacht Club		Lab ID: 20283979002	Collected: 07/31/23 10:00	Received: 07/31/23 11:05	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	345	MPN/100mL	10.0	10	07/31/23 13:40	08/01/23 14:10		N2

Sample: Stedman's Landing		Lab ID: 20283979003	Collected: 07/31/23 10:40	Received: 07/31/23 11:05	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	216	MPN/100mL	10.0	10	07/31/23 13:40	08/01/23 14:10		N2

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QUALITY CONTROL DATA

Project: Bay Sampling 07/31/23

Pace Project No.: 20283979

QC Batch:	292747	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: 20283979001, 20283979002, 20283979003

METHOD BLANK: 1403107 Matrix: Water

Associated Lab Samples: 20283979001, 20283979002, 20283979003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	08/01/23 14:10	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 07/31/23

Pace Project No.: 20283979

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 07/31/23

Pace Project No.: 20283979

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20283979001	Bayfront Park	Enterolert/Quanti-Tray	292747	Enterolert/Quanti-Tray	292939
20283979002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	292747	Enterolert/Quanti-Tray	292939
20283979003	Stedman's Landing	Enterolert/Quanti-Tray	292747	Enterolert/Quanti-Tray	292939

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Sample Condition Upon Receipt

4320 Midmost Dr. Mobile, AL 36609

Project #:

PM: MKB
 CLIENT: MO-Daphne
 Due Date: 08/09/23

MO# : 20283979

Carrier: Pace Client FedEx UPS Other Tracking #

Custody Seal on Cooler/Box Present: [see COC] Custody Seals Intact: Yes No

Thermometer Therm Fisher IR 001 Other

Type of Ice: Wet Blue None

Samples on Ice: [see COC]

Date and Initials of person examining contents: 1/31/23 AKB

Cooler Temperature: [see COC]

Temp must be measured from temperature blank when present

17	Temperature Blank Present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
16	Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
15	If containers preservation checked found to be in compliance with EPA recommendation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If No, was preservative added? <input type="checkbox"/> Yes <input type="checkbox"/> No If added record lot no.: HNO3 H2SO4
14	If containers needing chemical preservation have been checked (except VOA, micro, & O&G): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
13	If containers received within manufacturer's cautionary and/or expiration dates: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
12	Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
11	Filtered vol. Rec. for Diss. tests: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
10	Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
9	Sufficient Volume: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
8	Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
7	Push Turn Around Requested: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
6	Short Hold Time Analyses (<72 hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
5	Sampler Name on COC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
4	Chain of Custody Relinquished: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
3	Chain of Custody Complete: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2	Chain of Custody Present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
1	Temperature Blank Present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

Client Notification/Resolution:

Person Contacted:

Comments/Resolution:

Date/Time: