

May 03, 2023

Josh Newman  
City of Daphne

RE: Project: Bay Sampling 05/01/23  
Pace Project No.: 20276189

Dear Josh Newman:

Enclosed are the analytical results for sample(s) received by the laboratory on May 01, 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 05/01/23

Pace Project No.: 20276189

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**Pace Analytical Services Mobile**

4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

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## SAMPLE SUMMARY

Project: Bay Sampling 05/01/23

Pace Project No.: 20276189

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20276189001	Bayfront Park	Water	05/01/23 09:13	05/01/23 10:02
20276189002	Lake Forest Yacht Club	Water	05/01/23 08:56	05/01/23 10:02
20276189003	Stedman's Landing	Water	05/01/23 09:47	05/01/23 10:02

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### SAMPLE ANALYTE COUNT

Project: Bay Sampling 05/01/23  
Pace Project No.: 20276189

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20276189001	Bayfront Park	Enterolert/Quanti-Tray	LMR	1
20276189002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	LMR	1
20276189003	Stedman's Landing	Enterolert/Quanti-Tray	LMR	1

PASI-MO = Pace Analytical Services - Mobile Labs

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## ANALYTICAL RESULTS

Project: Bay Sampling 05/01/23

Pace Project No.: 20276189

<b>Sample: Bayfront Park</b>		<b>Lab ID: 20276189001</b>	Collected: 05/01/23 09:13	Received: 05/01/23 10:02	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>MOB Enterolert/Quanti-Tray</b>		Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray Pace Analytical Services - Mobile Labs						
Enterococci	<b>10.0</b>	MPN/100mL	10.0	10	05/01/23 14:30	05/02/23 14:30		N2

<b>Sample: Lake Forest Yacht Club</b>		<b>Lab ID: 20276189002</b>	Collected: 05/01/23 08:56	Received: 05/01/23 10:02	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>MOB Enterolert/Quanti-Tray</b>		Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray Pace Analytical Services - Mobile Labs						
Enterococci	<b>10.0</b>	MPN/100mL	10.0	10	05/01/23 14:30	05/02/23 14:30		N2

<b>Sample: Stedman's Landing</b>		<b>Lab ID: 20276189003</b>	Collected: 05/01/23 09:47	Received: 05/01/23 10:02	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>MOB Enterolert/Quanti-Tray</b>		Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray Pace Analytical Services - Mobile Labs						
Enterococci	<b>30.0</b>	MPN/100mL	10.0	10	05/01/23 14:30	05/02/23 14:30		N2

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### QUALITY CONTROL DATA

Project: Bay Sampling 05/01/23

Pace Project No.: 20276189

QC Batch: 285061

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: 20276189001, 20276189002, 20276189003

METHOD BLANK: 1366656

Matrix: Water

Associated Lab Samples: 20276189001, 20276189002, 20276189003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	05/02/23 14:30	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 05/01/23

Pace Project No.: 20276189

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### 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 05/01/23  
Pace Project No.: 20276189

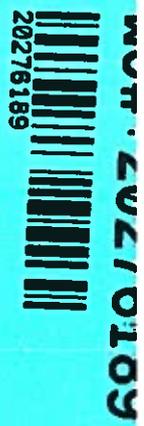
Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20276189001	Bayfront Park	Enterolert/Quanti-Tray	285061	Enterolert/Quanti-Tray	285242
20276189002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	285061	Enterolert/Quanti-Tray	285242
20276189003	Stedman's Landing	Enterolert/Quanti-Tray	285061	Enterolert/Quanti-Tray	285242

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**CHAIN-OF-CUSTODY / Analytical Request Document**  
 The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be filled out. Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com>



**Section A**

**Required Client Information:**

Company: Daphne Utilities Wastewater Dept.  
 Address: P.O. Box 2550  
 Daphne, AL 36526  
 Email: Sharon@daphneutilities.com  
 Phone: (251)390-8561  
 Requested Due Date:

**Section B**

**Required Project Information:**

Report To: Sharon Surra  
 Copy To:  
 Purchase Order #:  
 Project Name: Bay Sampling  
 Project #:

**Section C**

**Invoice Information:**

Attention:  
 Company Name:  
 Address:  
 Pace Quote:  
 Pace Project Manager: marykathryn.brenner@pacelabs.com  
 Pace Profile #: 9456

Regulator Agency

State / Location  
 AL

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / -) Sample IDs must be unique)	MATRIX	CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analyses Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	SAMPLE CONDITIONS	
				START DATE	END DATE			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3					Methanol
1	Bayfront Park	Drinking Water	WT	5/1/23	0913		1											
2	Lake Forest Yacht Club	Drinking Water	WT	5/1/23	0858		1											
3	Stedman's Landing	Drinking Water	WT	5/1/23	0947		1											
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

**SAMPLER NAME AND SIGNATURE**  
 PRINT Name of SAMPLER: MEHAN RICHMOND  
 SIGNATURE of SAMPLER: [Signature]  
 DATE Signed: 5/1/23

**TEMP in C**

**Received on Ice (Y/N)**

**Custody Sealed Cooler (Y/N)**

**Samples Intact (Y/N)**

Sample Condition Upon Receipt

Project #:

**MO# : 20276189**  
 PM: MKB  
 Due Date: 05/10/23  
 CLIENT: MO-Daphne

Courier:  Pace  Client  FedEx  UPS  Other Tracking # \_\_\_\_\_

Custody Seal on Cooler/Box Present: [see COC]  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: *5/10/23 MKB*

1	Temperature Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
2	Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
3	Chain of Custody Complete:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
4	Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
5	Sampler Name on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
6	Short Hold Time Analyses (<72 hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
7	Rush Turn Around Requested:	<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
9	Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input 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
11	Filtered vol. Rec. for Diss. tests	<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
13	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
14	All containers needing chemical preservation have been checked (except VOA, micro, & O&G):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
15	All containers preservation checked found to be in compliance with EPA recommendation:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
16	Headspace in VOA Vials (>6mm):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
17	Tip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No

Temp must be measured from temperature blank when present

Comments:

Client Notification/Resolution:

Person Contacted:

Comments/ Resolution:

Date/Time: