

May 14, 2021

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

RE: Project: Bay Sample Resampling 5/12/21  
Pace Project No.: 20199265

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on May 12, 2021. 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: Eric Butler, Daphne Utilities  
Ashley Campbell, City of Daphne  
Johnny Grimes, Daphne Utilities  
Tim White, Daphne Utilities

## **REPORT OF LABORATORY ANALYSIS**

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## CERTIFICATIONS

Project: Bay Sample Resampling 5/12/21

Pace Project No.: 20199265

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**Pace Analytical Services Mobile**

4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

Florida Certification #: E87977

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## SAMPLE SUMMARY

Project: Bay Sample Resampling 5/12/21

Pace Project No.: 20199265

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
20199265001	Bayfront Park	Water	05/12/21 08:00	05/12/21 08:35
20199265002	Lake Forest Yacht Club	Water	05/12/21 07:49	05/12/21 08:35

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### SAMPLE ANALYTE COUNT

Project: Bay Sample Resampling 5/12/21

Pace Project No.: 20199265

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<b>Lab ID</b>	<b>Sample ID</b>	<b>Method</b>	<b>Analysts</b>	<b>Analytes Reported</b>
20199265001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20199265002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1

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PASI-MO = Pace Analytical Services - Mobile Labs

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### ANALYTICAL RESULTS

Project: Bay Sample Resampling 5/12/21

Pace Project No.: 20199265

<b>Sample: Bayfront Park</b>		<b>Lab ID: 20199265001</b>	Collected: 05/12/21 08:00	Received: 05/12/21 08:35	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>1040</b>	MPN/100mL	10.0	10	05/12/21 08:53	05/13/21 09:00		N2

<b>Sample: Lake Forest Yacht Club</b>		<b>Lab ID: 20199265002</b>	Collected: 05/12/21 07:49	Received: 05/12/21 08:35	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>3450</b>	MPN/100mL	10.0	10	05/12/21 08:53	05/13/21 09:00		N2

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### QUALITY CONTROL DATA

Project: Bay Sample Resampling 5/12/21

Pace Project No.: 20199265

QC Batch: 224846

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: 20199265001, 20199265002

METHOD BLANK: 1056427

Matrix: Water

Associated Lab Samples: 20199265001, 20199265002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	05/13/21 09:00	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 Sample Resampling 5/12/21

Pace Project No.: 20199265

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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.

### 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.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

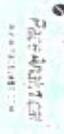
Project: Bay Sample Resampling 5/12/21

Pace Project No.: 20199265

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20199265001	Bayfront Park	Enterolert/Quanti-Tray	224846	Enterolert/Quanti-Tray	225012
20199265002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	224846	Enterolert/Quanti-Tray	225012

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**CHAIN-OF-CUSTODY / Analytical Request**  
 The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields

**MO# : 20199265**



20199265

**Section A Required Client Information:** **Section B Required Project Information** **Section C Invoice Information:**

Company: Darms Utilities/Wastewater Dept	Project #	1	Area	1
Address: P R #	Company Name	Darms Utilities/Wastewater Dept		
Phone: 241 380-8561	Address	1000 S. 10th St, P.O. Box 1000, Portland, OR 97208		
Requested Due Date	Project Manager	Mary Kathryn Brenner-Darceats.com		
	Page Guide	9456		
	Regulatory Agency	AL		
	State/Location	AL		

ITEM #	SAMPLE ID One Character per box (A-Z, 0-9 / ) Sample ids must be unique	DATE	TIME	DATE	TIME	PRESERVATIVES							ANALYSES TEST	Y/N	REQUESTED ANALYSIS FILTERED (Y/N)	RESIDUAL CHLORINE (Y/N)
						Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol				
1	Expire Date	5/17		5/17/0800									X			
2	Line Fault Meter Cup	5/17		5/17/0749									X			
3	BSD 5/17/21															
4																
5																
6																
7																
8																
9																
10																
11																
12																

ADDITIONAL COMMENTS	REINVOICED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
0 Birds - LF	Calumster	5/17/0835		YMOE STY	5/17/0835	9.0	Y N Y
0 Birds - BP	Bray D						

SAMPLER NAME AND SIGNATURE		DATE Signed:
PRINT Name of SAMPLER	SIGNATURE of SAMPLER	



# Sample Condition Upon Receipt

4320 Atidmost Dr Mobile AL  
36609

## WO#: 20199265

PM: MKB Due Date: 05/21/21

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: MAS 5/12/21

Temp must be measured from temperature blank when present Comments:

Temperature Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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 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 checked="" 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 checked="" 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 checked="" 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: \_\_\_\_\_