Pace Analytical Services, LLC 4320 Midmost Dr Mobile, AL 36609

251-344-9106



August 12, 2021

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

RE: Project: Bay Sampling 8/9/21

Pace Project No.: 20216957

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on August 09, 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,

Savannah Wallace for Mary Kathryn Brenner

Sh Wall

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



Mobile, AL 36609 251-344-9106



# **CERTIFICATIONS**

Project: Bay Sampling 8/9/21

Pace Project No.: 20216957

**Pace Analytical Services Mobile** 

4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810



# **SAMPLE SUMMARY**

Project: Bay Sampling 8/9/21

Pace Project No.: 20216957

Lab ID	Sample ID	Matrix	Date Collected	Date Received	
20216957001	Bayfront Park	Water	08/09/21 07:58	08/09/21 13:20	
20216957002	Lake Forest Yacht Club	Water	08/09/21 07:50	08/09/21 13:20	
20216957003	Stedman's Landing	Water	08/09/21 08:10	08/09/21 13:20	



# **SAMPLE ANALYTE COUNT**

Project: Bay Sampling 8/9/21

Pace Project No.: 20216957

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20216957001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20216957002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20216957003	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs

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# **ANALYTICAL RESULTS**

Project: Bay Sampling 8/9/21

Pace Project No.: 20216957

Date: 08/12/2021 10:54 AM

Sample: Bayfront Park	Lab ID: 202	216957001	Collected: 0	08/09/2	1 07:58	Received:	08/09/21 13:20	Matrix: Water	
Parameters	Results	Units	Report L	_imit	DF	Prepared	Analyzed	CAS No.	Qual
MOB Enterolert/Quanti-Tray	Analytical Me			y Prep	aration	Method: Enter	olert/Quanti-Tray		
Enterococci	10.0	MPN/100m	L	10.0	10	08/09/21 14:4	9 08/10/21 14:3	35	N2
Sample: Lake Forest Yacht Club	Lab ID: 202	216957002	Collected: 0	08/09/2	1 07:50	Received:	08/09/21 13:20	Matrix: Water	
Parameters	Results	Units	Report L	_imit	DF	Prepared	Analyzed	CAS No.	Qual
MOB Enterolert/Quanti-Tray	Analytical Me Pace Analytic			y Prep	aration	Method: Enter	olert/Quanti-Tray		
Enterococci	31.0	MPN/100m	ıL	10.0	10	08/09/21 14:4	9 08/10/21 14:3	35	N2
Sample: Stedman's Landing	Lab ID: 202	216957003	Collected: 0	08/09/2	1 08:10	Received:	08/09/21 13:20	Matrix: Water	
Parameters	Results	Units	Report L	_imit	DF	Prepared	Analyzed	CAS No.	Qual
MOB Enterolert/Quanti-Tray	Analytical Me		•	y Prep	aration	Method: Enter	olert/Quanti-Tray	,	
Enterococci	10.0	MPN/100m	ıL	10.0	10	08/09/21 14:4	9 08/10/21 14:3	35	N2

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#### **QUALITY CONTROL DATA**

Project: Bay Sampling 8/9/21

Pace Project No.: 20216957

Date: 08/12/2021 10:54 AM

QC Batch: 233509 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: 20216957001, 20216957002, 20216957003

METHOD BLANK: 1098795 Matrix: Water

Associated Lab Samples: 20216957001, 20216957002, 20216957003

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Enterococci MPN/100mL ND 1.0 08/10/21 14:35 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.



#### **QUALIFIERS**

Project: Bay Sampling 8/9/21

Pace Project No.: 20216957

#### **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**

Date: 08/12/2021 10:54 AM

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 8/9/21

Pace Project No.: 20216957

Date: 08/12/2021 10:54 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20216957001	Bayfront Park	Enterolert/Quanti-Tray	233509	Enterolert/Quanti-Tray	233530
20216957002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	233509	Enterolert/Quanti-Tray	233530
20216957003	Stedman's Landing	Enterolert/Quanti-Tray	233509	Enterolert/Quanti-Tray	233530

Section A

Pace Analytical

The Chain-of-Custody is a LEGAL DOCUMENT, All relevant fi

The Chain-of-Custody is a LEGAL DOCUMENT, All relevant fi

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://

Section C

W0#:20216957

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		(	90 + Sunny	- 1 Bird	S1218 8-0	- 10 Bunds	ADDITIONAL COMMENTS										Sledman's Landing	Lake Forest Yacht Club	Bayfront Park	SAMPLE ID One Character per box. (A-Z, 0-9/) Sample ids must be unique				(251)380-8561 Fax	.36526	P.O. Box 2550	Daphne Utilities Wastewater Dept.	Required Client Information:
				11	-1	Lawrick														Maring Water W. Water W. Waste Water W. Product Solid Solid Solid W. W. S. W.	MATRIX		Project #:	Projec		Copy To:	Report To:	Regui
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	PRINT Name of SAMPLER:	SAMPLER NAME AND SIGNATURE				8											8/9 08	8kn M50	84 07	DATE	COLLECTED							
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	DATE Signed: 87				,	25/7	ACCEPTED BY / AFFILIATION										×	×	×	Entero QT		Requested Analysis Filtered (Y/N)		marykathorn brenner@nacetabs com				202169
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lo (	Received ( ce Y/N) Custody—	on				-4	SAMPLE CONDITIONS													Residual Chlorine (Y/N)			A-	State / Location	Regulatory Agency			
S	ealed Dooler Y/N) Samples					2	NDITIONS																		100000000000000000000000000000000000000			
	taci Y/N)				L	1									J												L	Ŧ

# Pace Analytical

# **Sample Condition Upon Receipt**

WO#: 20216957

PM: MKB

Due Date: 08/18/21

CLIENT: MO-Daphne

4320 Midmost Dr. Mobile, A 36609		Project #:
Courier: Pace Client FedEx	□ UPS	□ Other Tracking #
Custody Seal on Cooler/Box Present: [see 0	cocj	Custody Seals intact: □Yes □No
Thermometer Used: Other:  Cooler Temperature: [see COC]	Type of Ice:	Wet Blue None Samples on ice: [see COC]  Date and Initials of person examining 212
Temp must be measured from temperature blank when p	rocont	Comments:
Temperature Blank Present:		3NA 1
Chain of Custody Present:		3NA 2
Chain of Custody Complete:	,	□N/A 3
Chain of Custody Relinquished:		3n/a 4
Sampler Name on COC:		In/A 5
Short Hold Time Analyses (<72 hr):		In/A   6
Rush Turn Around Requested:	□Yes □No □	
	-EYes ONO O	
Sufficient Volume:		
Correct Containers Used:	Yes No D	
Filtered vol. Rec. for Diss. tests	Yes No D	
Sample Labels match COC: All containers received within manufacturer's precautionary and/or expiration dates:	ØYes □No □	
All containers needing chemical preservation have been checked (except VOA, micro, & O&G):	□Yes □No □	
All containers preservation checked found to be in compliance with EPA recommendation:	□Yes □No 15	If No, was preserative added? Yes No If added record lot no.: HNO3 H2SO4
Headspace in VOA Vials ( >6mm):	□Yes □No 📶	JN/A 16
Trip Blank Present:	□Yes □Ko	17
Client Notification/Resolution:		
Person Contacted:		Date/Time:
Comments/ Resolution:		
225		