

September 25, 2020

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

RE: Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on September 23, 2020. 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

MK Brenner

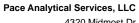
marykathryn.brenner@pacelabs.com

251-344-9106

Project Manager

Enclosures

cc: Ashley Campbell, City of Daphne Johnny Grimes, Daohne Utilities



4320 Midmost Dr Mobile, AL 36609 251-344-9106



# **CERTIFICATIONS**

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

**Pace Analytical Services Mobile** 

4320 Midmost Drive, Mobile, AL 36609 Alabama Certification #: 40810 Florida Certification #: E87977

# **REPORT OF LABORATORY ANALYSIS**



# **SAMPLE SUMMARY**

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20172512001	Bayfront Park	Water	09/23/20 08:12	09/23/20 09:40
20172512002	Lake Forest Yacht Club	Water	09/23/20 08:00	09/23/20 09:40
20172512003	Stedman's Landing	Water	09/23/20 08:30	09/23/20 09:40

# **REPORT OF LABORATORY ANALYSIS**



# **SAMPLE ANALYTE COUNT**

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20172512001	Bayfront Park	Enterolert/Quanti-Tray	 PP1	1
20172512002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20172512003	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs



# **ANALYTICAL RESULTS**

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Sample: Bayfront Park	Lab ID: 201	72512001	Collected: 09/23/2	20 08:12	Received: 09	/23/20 09:40 N	latrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MOB Enterolert/Quanti-Tray	Analytical Met		t/Quanti-Tray Prep lobile Labs	aration I	Method: Enterole	ert/Quanti-Tray		
Enterococci	161	MPN/100mL	10.0	10	09/23/20 11:15	09/24/20 11:15		N2



# **ANALYTICAL RESULTS**

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Sample: Lake Forest Yacht Club	Lab ID: 201	172512002	Collected: 09/23/2	00:80	Received: 09	9/23/20 09:40 M	atrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MOB Enterolert/Quanti-Tray	•	thod: Enteroler al Services - M	t/Quanti-Tray Prep lobile Labs	aration I	Method: Enterole	ert/Quanti-Tray		
Enterococci	216	MPN/100mL	10.0	10	09/23/20 11:15	09/24/20 11:15		N2



# **ANALYTICAL RESULTS**

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Sample: Stedman's Landing	Lab ID: 201	72512003	Collected: 09/23/2	20 08:30	Received: 09	)/23/20 09:40 N	latrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MOB Enterolert/Quanti-Tray	Analytical Met Pace Analytic		rt/Quanti-Tray Prep lobile Labs	aration I	Method: Enterole	ert/Quanti-Tray		
Enterococci	6490	MPN/100mL	10.0	10	09/23/20 11:15	09/24/20 11:15		N2



#### **QUALITY CONTROL DATA**

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Date: 09/25/2020 08:13 AM

QC Batch: 201182 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: 20172512001, 20172512002, 20172512003

METHOD BLANK: 936860 Matrix: Water

Associated Lab Samples: 20172512001, 20172512002, 20172512003

Blank Reporting

ParameterUnitsResultLimitAnalyzedQualifiersEnterococciMPN/100mLND1.009/24/20 11:15N2

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 Testing 9/23/2020

Pace Project No.: 20172512

#### **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: 09/25/2020 08:13 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.

#### **REPORT OF LABORATORY ANALYSIS**



# **QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: Bay Testing 9/23/2020

Pace Project No.: 20172512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20172512001	Bayfront Park	Enterolert/Quanti-Tray	201182	Enterolert/Quanti-Tray	201309
20172512002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	201182	Enterolert/Quanti-Tray	201309
20172512003	Stedman's Landing	Enterolert/Quanti-Tray	201182	Enterolert/Quanti-Tray	201309



WO#: 20172512 Regulatory Agency State / Location 20172512 CHAIN-OF-CUSTODY / Analytical Request Doc The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must b Pace Quote: Pace Project Manager: marykathryn.brenner@pacelabs.com. Pace Profile #: 9456 Invoice Information: Attention: Company Name: Address: Section C Purchase Order #:
Project Name: Bay Sampling
Project #: Required Project Information: Report To: Sharon Surra Copy To: Section B Required Client Information:
Company: Daphne Utilities Wastewater Dept.
Address: P.O. Box 2550 Email: sharon@daphneutitities.com Phone: (251)380-8561 Fax: Phone: (251)3 Requested Due Date: Daphne, AL 36526

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# Face Analytical

Sample Condition Upon Receipt W0#: 20172512

Due Date: 10/02/20

4320 Midmost Dr. Mobile, AL

Project # CLIENT: MO-Daphne

Courier: Pace Client FedEx	□ UF	0		Other T	racking #	
Custody Seal on Cooler/Box Present: [see	cocl					Custody Seals intact: □Yes □No
Thermometer Therm Fisher IR 001  Jsed:   Other:	Type of	lce:	N.	Pel Blue	None	Samples on ice: [see COC]
Cooler Temperature: [see COC]						Date and Initials of person examining contents: 9/27/2020 KA
Temp must be measured from temperature blank when p	resent			Commen	ls:	
Temperature Blank Present:	□Yes □	3No	□N/A	1		
Chain of Custody Present:	☐Yes □	□No	□N/A	2		
Chain of Custody Complete:	ØYes □	ONC	□n/a	3		
Chain of Custody Relinquished:	☐Yes □	ONC	□N/A	4		
Sampler Name on COC:	⊠Yes □	JNo	□N/A	5		
Short Hold Time Analyses (<72 hr):	ØYes □	JNo	□N/A	6		
Rush Turn Around Requested:	□Yes	JNo	□n/a	7		
Samples Arrived within Hold Time:	☐Yes □	□No	□N/A	8		
Sufficient Volume:	Yes C	□No	□N/A	9		
Correct Containers Used:	□Yes □	No	□n/a	10		
Filtered vol. Rec. for Diss. tests	□Yes □	]No	<b>□</b> N/A	11		
Sample Labels match COC:	Yes C	]No	□n/a	12		
All containers received within manufacturer's precautionary and/or expiration dates:	⊟Yes □	□No	□N/A	13		
All containers needing chemical preservation have been checked (except VOA, micro, & O&G):	□Yes □	]No	⊡N/A	14		
All containers preservation checked found to be in compliance with EPA recommendation:	□Yes □	JNo	DN/A			oreserative added? @Yes @No cord lot no.: HNO3 H2SO4
Headspace in VOA Vials ( >6mm):	□Yes □	□No	⊟N/A	16		
Trip Blank Present:	□Yes E	3No		17		
Client Notification/Resolution:						
Person Contacted:						Date/Time: