November 05, 2021

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

RE: Project: Bay Sampling Resample
Pace Project No.: 20224715

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on November 03, 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,

MK Brenner

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

CERTIFICATIONS

Project: Bay Sampling Resample

Pace Project No.: 20224715

Pace Analytical Services Mobile

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

REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Bay Sampling Resample

Pace Project No.:   20224715

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20224715001	**Stedman's Landing**	Water	11/03/21 12:45	11/03/21 14:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bay Sampling Resample
Pace Project No.:   20224715

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20224715001	**Stedman's Landing**	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Bay Sampling Resample

Pace Project No.:   20224715

Sample: Stedman's Landing   **Lab ID: 20224715001**   Collected: 11/03/21 12:45   Received: 11/03/21 14:00   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	**31.0**	MPN/100mL	10.0	10	11/03/21 14:39	11/04/21 14:39		N2

REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

Project: Bay Sampling Resample
Pace Project No.: 20224715

QC Batch:	239320	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:	20224715001		

METHOD BLANK: 1131977   Matrix: Water
Associated Lab Samples: 20224715001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	11/04/21 14:39	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.

REPORT OF LABORATORY ANALYSIS

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Date: 11/05/2021 10:27 AM

QUALIFIERS

Project: Bay Sampling Resample

Pace Project No.: 20224715

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.

REPORT OF LABORATORY ANALYSIS

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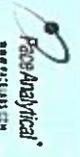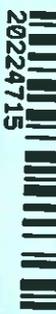
QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bay Sampling Resample
Pace Project No.: 20224715

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20224715001	**Stedman's Landing**	Enterolert/Quanti-Tray	239320	Enterolert/Quanti-Tray	239368

REPORT OF LABORATORY ANALYSIS

Date: 11/05/2021 10:27 AM

CHAIN-OF-CUSTODY / Analytical Request

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

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

20224715

Regulatory Agency

State / Location: AL

Page 1

Section A
Required Client Information:

Company:	Daphne Utilities Wastewater Dept.
Address:	P.O. Box 2550
	Daphne, AL 36526
Email:	sharon@daphneutilities.com
Phone:	(251)380-8561 Fax:
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

SAMPLE ID
One Character per box.
(A-Z, 0-9, . , -)
Sample ids must be unique

MATRIX CODE
Drinking Water	DW	Oil	OL
Water	WT	Soil/Solid	SL
Waste Water	WW	Wipe	WP
Product	P	Air	AR
		Other	OT
		Tissue	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	START TIME	END DATE	END TIME	Entero QT
1	Bayfront Park	WT						X
2	Lake Forest Yacht Club	WT						X
3	Stedman's Landing	WT		11/3/1245				X
4								
5								
6								
7								
8								
9								
10								
11								
12								

Preservatives: Unpreserved, H2SO4, HNO3, HCl, NaOH, Na2S2O3, Methanol, Other

Requested Analysis Filtered (Y/N)

Residual Chlorine (Y/N)

	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	(signature)	11/3	1400	(signature)	11/3	1400

SAMPLE CONDITIONS

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
59	Y	N	Y

ADDITIONAL COMMENTS

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

Pace Analytical

Sample Condition Upon Receipt

4320 Midmost Dr Mobile, AL 36609

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 11/3/21___

Temp must be measured from temperature blank when present   Comments:

Item				#
Temperature Blank Present:	☐Yes	☒No	☐N/A	1
Chain of Custody Present:	☒Yes	☐No	☐N/A	2
Chain of Custody Complete:	☒Yes	☐No	☐N/A	3
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	4
Sampler Name on COC:	☒Yes	☐No	☐N/A	5
Short Hold Time Analyses (<72 hr):	☒Yes	☐No	☐N/A	6
Rush Turn Around Requested:	☐Yes	☒No	☐N/A	7
Samples Arrived within Hold Time:	☒Yes	☐No	☐N/A	8
Sufficient Volume:	☒Yes	☐No	☐N/A	9
Correct Containers Used:	☒Yes	☐No	☐N/A	10
Filtered vol. Rec. for Diss. tests	☐Yes	☐No	☒N/A	11
Sample Labels match COC:	☒Yes	☐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	☐No	☒N/A	15
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☒N/A	16
Trip Blank Present:	☐Yes	☒No		17

For item 15: If No, was preservative added? ☐Yes ☐No   If added record lot no.: HNO3 _____ H2SO4 _____

Client Notification/Resolution:

Person Contacted: _____   Date/Time: _____

Comments/ Resolution: _____

_____

_____

_____

_____

_____

_____