

December 09, 2019

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

RE: Project: Bay Sampling
Pace Project No.: 20133302

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on December 06, 2019.
The results relate only to the samples included in this report.

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Bay Sampling
Pace Project No.: 20133302

Pace Analytical Services Mobile

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

Florida Certification #: E87977

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: Bay Sampling

Pace Project No.: 20133302

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20133302001	Stedman's Landing	Water	12/06/19 08:15	12/06/19 09:05

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Bay Sampling

Pace Project No.: 20133302

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20133302001	Stedman's Landing	Enterolert/Quanti-Tray	MAS	1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.: 20133302

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: Stedman's Landing								
Lab ID: 20133302001								
Collected: 12/06/19 08:15 Received: 12/06/19 09:05 Matrix: Water								
MOB Enterolert/Quanti-Tray								
Analytical Method: Enterolert/Quanti-Tray Preparation Method: Enterolert/Quanti-Tray								
Enterococci	20.0	MPN/100mL	10.0	10	12/06/19 16:00	12/07/19 15:50		1b

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Bay Sampling

Pace Project No.: 20133302

QC Batch: 167689

Analysis Method: Enterolert/Quanti-Tray

QC Batch Method: Enterolert/Quanti-Tray

Analysis Description: MOB Enterolert/Quanti-Tray

Associated Lab Samples: 20133302001

METHOD BLANK: 759652

Matrix: Water

Associated Lab Samples: 20133302001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	12/07/19 15:50	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: Bay Sampling

Pace Project No.: 20133302

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

1b The temperature was out of range at the of the incubation period, reading 41.6 degree Celcius.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bay Sampling

Pace Project No.: 20133302

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20133302001	Stedman's Landing	Enterolert/Quanti-Tray	167689	Enterolert/Quanti-Tray	167690

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CHAIN-OF-CUSTODY / Analytical Request Doi

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

WO#: 20133302



20133302

Section A Required Client Information: Company: Daphne Utilities Wastewater Dept. Address: P. O. Box 2550 Daphne, AL 36526 Email: sharon@daphneutilities.com Phone: (251)380-8961 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@pacealabs.com Pace Profile #: 9456 Regulatory Agency: AL State / Location:
---	--

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample IDs must be unique	MATRIX Drinking Water Waste Water Wastewater Process Soil/Sediment Oil Wipe Air Other Tissue	CODE DWF WWT WWV P SL OL WP AR OT TS	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS Unpreserved H2SO4 HNO3 HCl NaOH Na2S2O3 Methanol Other	Preservatives	Analyzes Test	Enterotoxins (Y/N)	Residual Chlorine (Y/N)	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)	
				START DATE	END DATE											
1	Harbor Park RSD 12.5.19		WT						X							
2	Hunter Forest Tract Circle RSD 12.5.19		WT						X							
3	Siedman's Landing		WT		12.6.19				X							
4																
5																
6																
7																
8																
9																
10																
11																
12																

REMOVED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
<i>Sharon Surra</i>	12.5.19	0905	<i>Michelle Scott</i>	12.6.19	0905

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER: <i>Brandon B. P. D.</i>	DATE Signed: <i>12.5.19</i>
SIGNATURE OF SAMPLER: <i>[Signature]</i>	
TEMP in C	SAMPLE CONDITIONS
	MIT: 2 MILS: 52



4320 Midmost Dr Mobile, AL 36609

Project #:

Sample Condition Upon Receipt

CLIENT: MO-Daphne
 PM: MKB
 Due Date: 12/17/19

MO#: 20133302

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]

Date and Initials of person examining contents: MAS 12/16/19

Cooler Temperature: [see COC]

Temp must be measured from temperature blank when present

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	Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Client Notification/Resolution:

Person Contacted:

Date/Time:

Comments/ Resolution: