

June 26, 2020

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

RE: Project: Bay Sampling- Resample
Pace Project No.: 20160023

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on June 24, 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
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- Resample

Pace Project No.: 20160023

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- Resample

Pace Project No.: 20160023

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20160023001	Bayfront Park	Water	06/24/20 08:10	06/24/20 12:15
20160023002	Stedman's Landing	Water	06/24/20 08:27	06/24/20 12:15

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- Resample

Pace Project No.: 20160023

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20160023001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20160023002	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs

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- Resample

Pace Project No.: 20160023

Sample: Bayfront Park		Lab ID: 20160023001	Collected: 06/24/20 08:10	Received: 06/24/20 12:15	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	61.0	MPN/100mL	10.0	10	06/24/20 13:45	06/25/20 13:45		N2

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- Resample

Pace Project No.: 20160023

Sample: Stedman's Landing		Lab ID: 20160023002	Collected: 06/24/20 08:27	Received: 06/24/20 12:15	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	74.0	MPN/100mL	10.0	10	06/24/20 13:45	06/25/20 13:45		N2

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- Resample

Pace Project No.: 20160023

QC Batch: 190285

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: 20160023001, 20160023002

METHOD BLANK: 878523

Matrix: Water

Associated Lab Samples: 20160023001, 20160023002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	06/25/20 13:45	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

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

QUALIFIERS

Project: Bay Sampling- Resample

Pace Project No.: 20160023

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

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- Resample

Pace Project No.: 20160023

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20160023001	Bayfront Park	Enterolert/Quanti-Tray	190285	Enterolert/Quanti-Tray	190466
20160023002	Stedman's Landing	Enterolert/Quanti-Tray	190285	Enterolert/Quanti-Tray	190466

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

WO# : 20160023



20160023

Section A Required Client Information: Company: Daphne Utilities Wastewater Dept Address: P.O. Box 2550 Daphne, AL 36526
Section B Required Project Information: Report To: Sharon Surra Copy To: Sharon Surra
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: AL

Email: sharon@daphneutilities.com Phone: (251)380-8561 Fax: Requested Date: Project Name: Bay Sampling Project #: Requested Analysis Filtered (Y/N): State / Location: AL

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analyses Test	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	SAMPLE CONDITIONS
			START DATE	END DATE			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3					
1	Drinking Water	DW															
2	Waste Water	WW															
3	Product	P															
4	Solid	S															
5	Oil	OL															
6	AV	AV															
7	Other	OT															
8	TS	TS															
9																	
10																	
11																	
12																	

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: SIGNATURE of SAMPLER: DATE Signed: TEMP in C Received on Ice (Y/N) Custody Sealed Cooler (Y/N) Samples Intact (Y/N)

RELINQUISHED BY AFFILIATION: *[Signature]*

DATE: 6/24/12 TIME: 12:15 ACCEPTED BY AFFILIATION: *[Signature]*

DATE: 10/24/12 TIME: 8:17 SAMPLE CONDITIONS: Y N Y

2:14H3
52:14



4320 Midmost Dr Mobile AL 36609

Project #:

MO#: 20160023

Sample Condition Upon Receipt

PM: MKB
 Due Date: 07/06/20
 CLIENT: MO-Daphne

Courier: Pace Client FedEx UPS Other Tracking # _____

Custody Seal on Cooler/Box Present [see COC] Yes No Custody Seals intact Yes No

Thermometer 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: MKS 6/27/20

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: