May 05, 2020

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

RE: Project: Bay Sampling
            Pace Project No.:   20152826

Dear Bobby Purvis:

Enclosed are the analytical results for sample(s) received by the laboratory on May 04, 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,

MK Brenner

Mary Kathryn Brenner
marykathryn.brenner@pacelabs.com
251-344-9106
Project Manager

Enclosures

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

REPORT OF LABORATORY ANALYSIS

CERTIFICATIONS

Project: Bay Sampling

Pace Project No.:   20152826

Pace Analytical Services Mobile

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

Alabama Certification #: 40810

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Bay Sampling
Pace Project No.: 20152826

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20152826001	**Bayfront Park**	Water	05/04/20 09:00	05/04/20 13:10
20152826002	**Lake Forest Yacht Club**	Water	05/04/20 09:10	05/04/20 13:10
20152826003	**Stedman's Landing**	Water	05/04/20 09:16	05/04/20 13:10

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Bay Sampling
Pace Project No.: 20152826

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20152826001	Bayfront Park	Enterolert/Quanti-Tray	PP1	1
20152826002	Lake Forest Yacht Club	Enterolert/Quanti-Tray	PP1	1
20152826003	Stedman's Landing	Enterolert/Quanti-Tray	PP1	1

PASI-MO = Pace Analytical Services - Mobile Labs

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ANALYTICAL RESULTS

Project: Bay Sampling
Pace Project No.: 20152826

Sample: Bayfront Park   **Lab ID: 20152826001**   Collected: 05/04/20 09:00   Received: 05/04/20 13:10   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	ND	MPN/100mL	10.0	10	05/04/20 15:00	05/05/20 15:15		N2

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ANALYTICAL RESULTS

Project: Bay Sampling

Pace Project No.:   20152826

Sample: Lake Forest Yacht Club   **Lab ID: 20152826002**   Collected: 05/04/20 09:10   Received: 05/04/20 13:10   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	ND	MPN/100mL	10.0	10	05/04/20 15:00	05/05/20 15:15		N2

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Mobile, AL 36609
251-344-9106

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ANALYTICAL RESULTS

Project: Bay Sampling
Pace Project No.:   20152826

Sample: Stedman's Landing   **Lab ID: 20152826003** Collected: 05/04/20 09:16 Received: 05/04/20 13:10 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	ND	MPN/100mL	10.0	10	05/04/20 15:00	05/05/20 15:15		N2

REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

Project: Bay Sampling
Pace Project No.: 20152826

QC Batch:	184259	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:	20152826001, 20152826002, 20152826003		

METHOD BLANK: 845679   Matrix: Water
Associated Lab Samples: 20152826001, 20152826002, 20152826003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	05/05/20 15:15	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.

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QUALIFIERS

Project: Bay Sampling

Pace Project No.:   20152826

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bay Sampling
Pace Project No.:   20152826

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20152826001	**Bayfront Park**	Enterolert/Quanti-Tray	184259	Enterolert/Quanti-Tray	184286
20152826002	**Lake Forest Yacht Club**	Enterolert/Quanti-Tray	184259	Enterolert/Quanti-Tray	184286
20152826003	**Stedman's Landing**	Enterolert/Quanti-Tray	184259	Enterolert/Quanti-Tray	184286

REPORT OF LABORATORY ANALYSIS

Date: 05/05/2020 05:05 PM

CHAIN-OF-CUSTODY / Analytical Request !

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

20152826

Regulatory Agency

State / Location: AL

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
Water WT
Waste Water WW
Prod/scl P
Sol/Solid SL
Oil OL
Wipe WP
Air AR
Other OT
Tissue TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE	START DATE	START TIME	END DATE	END TIME	Entero QT
1	Bayfront Park	WT				5.4.20	0700	X
2	Lake Forest Yacht Club	WT				5.4.20	0910	X
3	Stedman's Landing	WT				5.4.20	0910	X
4								
5								
6								
7								
8								
9								
10								
11								
12								

COLLECTED — SAMPLE TEMP AT COLLECTION
 # OF CONTAINERS — Preservatives: Unpreserved, H2SO4, HNO3, HCl, NaOH, Na2S2O3, Methanol, Other
Analyses Test Y/N

Requested Analysis Filtered (Y/N)
Residual Chlorine (Y/N)

ADDITIONAL COMMENTS

Manifests: 2
Mileage: 52

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	5.4.20	1310	[signature] Sal	5/4/20	1310

SAMPLE CONDITIONS
TEMP in C: 5.1
Received on Ice (Y/N): Y
Custody Sealed Cooler (Y/N): N
Samples Intact (Y/N): Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: [signature]

DATE Signed: 5.4.20

WO# : 20152826

Sample Condition Upon Receipt

PM: MKB **Due Date:** 05/13/20
CLIENT: MO-Daphne

Pace Analytical

36609
4320 Midmost Dr Mobile AL

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]

Date and Initials of person examining contents: ___ TMS 5/9/20 ___

Cooler Temperature (see COC)

Temp must be measured from temperature blank when present

				Comments
Temperature Blank Present:	1	☐Yes ☐No ☐N/A		
Chain of Custody Present:	2	☑Yes ☐No ☐N/A		
Chain of Custody Complete:	3	☑Yes ☐No ☐N/A		
Chain of Custody Relinquished:	4	☑Yes ☐No ☐N/A		
Sampler Name on COC:	5	☐Yes ☐No ☐N/A		
Short Hold Time Analyses (<72 hr):	6	☑Yes ☐No ☐N/A		
Rush Turn Around Requested:	7	☐Yes ☑No ☐N/A		
Samples Arrived within Hold Time:	8	☑Yes ☐No ☐N/A		
Sufficient Volume:	9	☑Yes ☐No ☐N/A		
Correct Containers Used:	10	☑Yes ☐No ☐N/A		
Filtered vol. Rec. for Diss. tests	11	☐Yes ☐No ☑N/A		
Sample Labels match COC:	12	☑Yes ☐No ☐N/A		
All containers received within manufacturer's precautionary and/or expiration dates:	13	☑Yes ☐No ☐N/A		
All containers needing chemical preservation have been checked (except VOA, micro, & O&G):	14	☐Yes ☐No ☑N/A		
All containers preservation checked found to be in compliance with EPA recommendation:	15	☐Yes ☐No ☑N/A	If No, was preservative been added? ☐Yes ☐No If added record lot no.: HNO3 _____ H2SO4 _____
Headspace in VOA Vials (>6mm):	16	☐Yes ☐No ☑N/A		
Trip Blank Present:	17	☐Yes ☐No		

Client Notification/Resolution:

Person Contacted _____ Date/Time: _____

Comments/ Resolution: _____