



August 16, 2024

Josh Newman
City of Daphne

,

RE: Project: Bay Testing 8/14/24
Pace Project No.: 20327028

Dear Josh Newman:

Enclosed are the analytical results for sample(s) received by the laboratory on August 14, 2024. 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,

A handwritten signature in black ink that reads "MK Brenner".

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

Enclosures

cc: Johnny Grimes, Daphne Utilities
Bobby Purvis, Daphne Utilities Wastewater Dept.
Jesie Ward, City of Daphne

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 Testing 8/14/24
Pace Project No.: 20327028

Pace Analytical Services Mobile

4320 Midmost Drive, Mobile, AL 36609

Alabama Certification #: 40810

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 Testing 8/14/24

Pace Project No.: 20327028

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20327028001	Lake Forest Yacht Club	Water	08/14/24 12:43	08/14/24 13:25
20327028002	Bay Front	Water	08/14/24 12:53	08/14/24 13:25

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 Testing 8/14/24

Pace Project No.: 20327028

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20327028001	Lake Forest Yacht Club	Enterolert/Quanti-Tray	CTG	1
20327028002	Bay Front	Enterolert/Quanti-Tray	CTG	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 Testing 8/14/24

Pace Project No.: 20327028

Sample: Lake Forest Yacht Club		Lab ID: 20327028001	Collected: 08/14/24 12:43	Received: 08/14/24 13:25	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	10.0	MPN/100mL	10.0	10	08/14/24 14:00	08/15/24 14:05		N2

Sample: Bay Front		Lab ID: 20327028002	Collected: 08/14/24 12:53	Received: 08/14/24 13:25	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	1.0	1	08/14/24 14:00	08/15/24 14:05		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 Testing 8/14/24

Pace Project No.: 20327028

QC Batch:	338765	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: 20327028001, 20327028002

METHOD BLANK:	1626269	Matrix:	Water
---------------	---------	---------	-------

Associated Lab Samples: 20327028001, 20327028002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Enterococci	MPN/100mL	ND	1.0	08/15/24 14:05	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 Testing 8/14/24

Pace Project No.: 20327028

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

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 Testing 8/14/24

Pace Project No.: 20327028

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20327028001	Lake Forest Yacht Club	Enterolert/Quanti-Tray	338765	Enterolert/Quanti-Tray	338943
20327028002	Bay Front	Enterolert/Quanti-Tray	338765	Enterolert/Quanti-Tray	338943

REPORT OF LABORATORY ANALYSIS

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

Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
 Chain of Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: **Pace**
 Street Address: **PAVILLON**

Customer Project #: _____
 Project Name: _____

Site Collection Info (facility ID (as applicable))
 Invoice to: _____
 Invoice E-mail: _____
 Purchase Order # (if applicable): _____
 Quote #: _____

Time Zone Collected: PAC MT CT ET

Data Deliverables: _____
 Regulatory Program (GV, RCRA, etc.) as applicable: _____
 Reportable: Yes No

Rush (Pre-approval required):
 Same Day 1 Day 2 Day 3 Day Other _____
 Date Results Requested: _____

Analysis:
 Field filtered (if applicable) Yes No

* ASTM Codes (refer to items box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil/URL Wipe (WP), Tissue (TS), Bioaerosol (BA), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Cask (C), Leachate (L), Biosolid (BS), Other (O)

Customer Sample ID	Matrix	Comp / Grab	Composite Start Date	Time	Collected or Composite End Date	Time	# Cont.	Residual Chlorine Result	Units
PAVILLON FRESHEST	G	D	8-14	12:43					
PAVILLON FRESHEST	G	W	8-14	12:53					

Additional Instructions from Pace®
 Collected By: _____
 Printed Name: _____
 Signature: _____

Requester by/Company (Signature): _____
 Date/Time: **8-14-24 13:25**
 Requested by/Company (Signature): _____
 Date/Time: _____
 Requested by/Company (Signature): _____
 Date/Time: _____
 Requested by/Company (Signature): _____
 Date/Time: _____

MO#: **20327028**
 20327028

Specify Container Size ***
 125mL 100mL 40mL 250mL 500mL
 1L 2L 3L 4L 5L 6L 7L 8L 9L 10L 11L 12L 13L 14L 15L 16L 17L 18L 19L 20L 21L 22L 23L 24L 25L 26L 27L 28L 29L 30L 31L 32L 33L 34L 35L 36L 37L 38L 39L 40L 41L 42L 43L 44L 45L 46L 47L 48L 49L 50L 51L 52L 53L 54L 55L 56L 57L 58L 59L 60L 61L 62L 63L 64L 65L 66L 67L 68L 69L 70L 71L 72L 73L 74L 75L 76L 77L 78L 79L 80L 81L 82L 83L 84L 85L 86L 87L 88L 89L 90L 91L 92L 93L 94L 95L 96L 97L 98L 99L 100L

Identify Container Preservative Type ***
 None HCl HNO3 H2SO4 H3PO4 H2O2 H2O H2S H2SO3 H2SO4 H2SO7 H2SO8 H2SO9 H2SO10 H2SO11 H2SO12 H2SO13 H2SO14 H2SO15 H2SO16 H2SO17 H2SO18 H2SO19 H2SO20 H2SO21 H2SO22 H2SO23 H2SO24 H2SO25 H2SO26 H2SO27 H2SO28 H2SO29 H2SO30 H2SO31 H2SO32 H2SO33 H2SO34 H2SO35 H2SO36 H2SO37 H2SO38 H2SO39 H2SO40 H2SO41 H2SO42 H2SO43 H2SO44 H2SO45 H2SO46 H2SO47 H2SO48 H2SO49 H2SO50 H2SO51 H2SO52 H2SO53 H2SO54 H2SO55 H2SO56 H2SO57 H2SO58 H2SO59 H2SO60 H2SO61 H2SO62 H2SO63 H2SO64 H2SO65 H2SO66 H2SO67 H2SO68 H2SO69 H2SO70 H2SO71 H2SO72 H2SO73 H2SO74 H2SO75 H2SO76 H2SO77 H2SO78 H2SO79 H2SO80 H2SO81 H2SO82 H2SO83 H2SO84 H2SO85 H2SO86 H2SO87 H2SO88 H2SO89 H2SO90 H2SO91 H2SO92 H2SO93 H2SO94 H2SO95 H2SO96 H2SO97 H2SO98 H2SO99 H2SO100

Analysis Requested
 None HCl HNO3 H2SO4 H3PO4 H2O2 H2O H2S H2SO3 H2SO4 H2SO7 H2SO8 H2SO9 H2SO10 H2SO11 H2SO12 H2SO13 H2SO14 H2SO15 H2SO16 H2SO17 H2SO18 H2SO19 H2SO20 H2SO21 H2SO22 H2SO23 H2SO24 H2SO25 H2SO26 H2SO27 H2SO28 H2SO29 H2SO30 H2SO31 H2SO32 H2SO33 H2SO34 H2SO35 H2SO36 H2SO37 H2SO38 H2SO39 H2SO40 H2SO41 H2SO42 H2SO43 H2SO44 H2SO45 H2SO46 H2SO47 H2SO48 H2SO49 H2SO50 H2SO51 H2SO52 H2SO53 H2SO54 H2SO55 H2SO56 H2SO57 H2SO58 H2SO59 H2SO60 H2SO61 H2SO62 H2SO63 H2SO64 H2SO65 H2SO66 H2SO67 H2SO68 H2SO69 H2SO70 H2SO71 H2SO72 H2SO73 H2SO74 H2SO75 H2SO76 H2SO77 H2SO78 H2SO79 H2SO80 H2SO81 H2SO82 H2SO83 H2SO84 H2SO85 H2SO86 H2SO87 H2SO88 H2SO89 H2SO90 H2SO91 H2SO92 H2SO93 H2SO94 H2SO95 H2SO96 H2SO97 H2SO98 H2SO99 H2SO100

Lab Use Only
 ActNum / Client ID: _____
 Table #: _____
 Profile / Template: _____
 Prefs / Bottle Ord ID: _____

Sample Comment
 Preservation non-conformance identified for sample

Customer Remarks / Special Conditions / Possible Hazards:
 # Orders: **1**
 Form ID: **1001**
 Correction Factor: **0**
 Day/Time: **8-14-24 13:25**
 Date/Time: **8-14-24 13:25**
 Trading Number: **13.2**
 Delivered by: In Person Courier
 FedEx UPS Other



Sample Condition Upon Receipt

WO#: 20327028

PM: MKB

Due Date: 08/23/24

CLIENT: MO-Daphne

1100 Field Dr. Mobile AL 36602

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: KIP 8/14/24

Temp must be measured from temperature blank when present

Comments

Temperature Blank Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	1
Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2
Chain of Custody Complete	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3
Chain of Custody Relinquished	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4
Sampler Name on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	5
Short Hold Time Analyses (<72 hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6
Rush Turn Around Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10
Filtered vol Rec for Diss tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11
Sample Labels match COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12
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	13
All containers needing chemical preservation have been checked (except VOA micro, & O&G)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14
All containers preservation checked found to be in compliance with EPA recommendation	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15
Headspace in VOA Vials (>6mm)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16
Trip Blank Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	17

Client Notification/Resolution

Person Contacted _____ Date/Time _____

Comments/ Resolution _____

