



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number: **2205210.07**
(Lab Use Only)

3653 Regent Boulevard, Suite # 509
Jacksonville, FL 32224
P. (904) 807-9625 E. info@delillab.com
F. (904) 807-9627

Page 1 of 1

Company Name		Florida Department of Environmental Protection											
Address		8800 Bug Meadows Way West											
City		Jacksonville State Florida zip 32256											
Attn.		Jeremy Parrish											
Tel.		E-mail or Fax Depoverstarrish@dep.state.fl.us											
Project Name		St. Augustine											
Project Number		2022-05-23-14											
Project Location													
Sampler Name/Signature		Karin Villinas											
Transfer #	Sample # (Lab Use Only)	Sample Identification	Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab	E. Coli - Quantitray	Enterococci - Quantitray	Coliform, Fecal - MF 3 Dilutions	Container Information (Qty, Size, & Type)	Sample Matrix Codes:
-1	58580	27010059	5/26/22	09:30	NW	955		X	X			12/18/20 NPW	A. Air P. Petroleum
-2	58581	G2NE1216		10:15		544		X					B. Bulk S. Soil/Sludge
-3	58582	G5NE0604		11:45		50000		X					W. Wipe O. Other
-4	58583	G5NE0603		12:10		53300		X					PW. Potable Water
-5	58584	27010088		12:30		52000		X					NPW. Non-Potable Water
-6	58585	27010056		12:50		41000		X					
-7													
-8													
-9													
-0													
Special Instructions:													
Transfer Numbers													
Relinquished By													
Date / Time													
Received By													
Date / Time													
Billing Information:													
Turnaround Requested:													
Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.													
Thermal Preservation:													
In Crushed Ice? Yes / No													
Cooler Temp: 0.2 °C													
Sample Cont. Temp: 2.0 °C													
Preservation Codes:													
0. None 5. Na2S2O3													
1. H2SO4 6. Crushed Ice (4C)													
2. HNO3 7. C6H8O6													
3. HCl 8. NH4Cl													
4. NaOH 9. Other: (List)													
Sample Kit or Container Lot #													



Certification #E821059

Lab General Form 059, Rev. #1, Rev. Date: 02/07/22, Effective Date: 02/07/22.

Visit us online & order kits at: www.delillab.com

Project Login Form

DELI Project Number: 220526.07 Client Name: Florida Department of Environmental Protection
 Date Received: 5/26/22 Received by: MTR PLF Completed by: MTR

Courier/Shipper Information:

☒ Client ☐ DEL, Inc. ☐ Other (describe) _____

Type & Number of Shipping Containers:

#	Shipping Container Description	Crushed Ice	Cooler/Ice Temp. (°C)	Sample Cont. Temp. (°C)
1	<u>Cooler</u> Box Other:	<u>Yes</u> No	<u>0.2</u>	<u>2.0</u>
2	Cooler Box Other:	Yes No		
3	Cooler Box Other:	Yes No		

Note: If thermal preservation was used/required, pick a sample container from each cooler and use the IR gun to measure the sample temperature.

Therm Inv. #: 0421 IR Gun Inv. #: 0332

Other Information Checklist:

	YES	NO	NA
1 Were custody seals used for shipping container(s)?	☐	☒	☐
2 If Yes, were the custody seals intact? If no, see comments below.	☐	☐	☒
3 Were custody seals used for sample container(s)?	☐	☒	☐
4 If Yes, were the custody seals intact? If no, see comments below.	☐	☐	☒
5 Did custody papers accompany samples? (such as COC, specifics, etc.)	☒	☐	☐
6 Were the custody papers properly filled out?	☐	☒	☐
7 Were the sample containers received in good condition? (If no, see comments)	☒	☐	☐
8 Were the sample container labels properly filled out? (date, time, preservation, etc.)	☒	☐	☐
9 Were the labels on the sample containers and custody papers consistent?	☒	☐	☐
10 Were the samples in the correct containers for analysis?	☒	☐	☐
11 Were the correct preservations used for each sample container according to analysis?	☒	☐	☐
12 Were the samples received within the appropriate holding times?	☒	☐	☐
13 Were pH preservation checks made?	☐	☐	☒
14 Were the sample containers provided by DEL, Inc.?	☐	☒	☐
15 Was this a sample kit provided by DEL, Inc.? If Yes, DEL, Inc. Kit #: <u>NA</u>	☐	☒	☐
16 Were the VOA vials free of headspace? (No bubbles present)	☐	☐	☒

Are the samples acceptable for analysis? Yes If yes, proceed with login. If no, notify client immediately and list rejection reasons in comments area below. Also, please take any needed further action for rejected sample(s).

Container Preservation Check:

Note: VOA vials will not be checked for pH at sample login. The testing laboratory will perform that check during analysis. The pH of microbiological samples will not be checked, due to the risk of contamination. The pH of Oil & Grease samples will not be checked during sample login, due to the potential loss of product. If adding a preservative to a sample after receiving it at the laboratory, the date and time the preservative was added must be documented below.

DELI Sample #	Parameters	Cooler/ Container #	pH upon receipt	Preservative added after pH check?	If Yes, which preservative was added? (Incl. Vol.)	Preservative Lot #	New pH value	Sample container size & type?
58580	E. coli QT	1	-	Yes / <u>No</u>	-	-	-	250 mLp
58581	↓	1	-	Yes / <u>No</u>	-	-	-	
58582	Enterococci QT	1	-	Yes / <u>No</u>	-	-	-	
58583	↓	1	-	Yes / <u>No</u>	-	-	-	
58584	↓	1	-	Yes / <u>No</u>	-	-	-	
58585	↓	1	-	Yes / <u>No</u>	-	-	-	
				Yes / No				
				Yes / No				
				Yes / No				
				Yes / No				

P = Plastic; G = Glass; AG = Amber Glass; TL = Teflon Lid; WM = Wide Mouth

☐ Sample preservation added upon receiving

Date: _____ Time: _____

Comments:

*added times sampled



June 9, 2022

Florida Department of Environmental Protection
8800 Baymeadows Way West
Jacksonville, FL 32256

Re: DELI Project Number: **220526.07**
Client PO Number: **BABC4A**
Client Project Description: **St. Augustine; 2022-05-23-14**

Enclosed is the report of laboratory analysis for the following sample(s):

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
58580	27010059	05/26/2022 09:30	05/26/2022 16:07
58581	G2NE1216	05/26/2022 10:15	05/26/2022 16:07
58582	G5NE0604	05/26/2022 11:45	05/26/2022 16:07
58583	G5NE0603	05/26/2022 12:10	05/26/2022 16:07
58584	27010088	05/26/2022 12:30	05/26/2022 16:07
58585	27010056	05/26/2022 12:50	05/26/2022 16:07

If you have any questions or comments concerning this laboratory report, please do not hesitate to contact us.

Sincerely,

Franklin A. Risk, Jr.
Laboratory Director

Enclosures

This laboratory report consists of a cover page, case narrative page and report page. There may be multiple pages of each. The pages are numbered accordingly. The report may also contain chain of custody forms, project log in forms, QA/QC reports and client worksheets if applicable. The results herein relate only to the items tested or to the samples as received by the laboratory. The report shall not be reproduced except in full, without the written approval of the laboratory. All samples will be disposed of within 30 days of receipt, unless a written request to retain the samples longer is received. All samples referenced in this laboratory report are considered to be environmental samples. The case narrative will contain comments and or notes regarding the samples and analyses.

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NELAP #E821059

Diversified Environmental Laboratories, Inc.
3653 Regent Boulevard
Suite 509
Jacksonville, FL 32224



Phone 904.807.9625
Fax 904.807.9627
Email info@delilab.com
Web www.delilab.com



Case Narrative

June 9, 2022

Florida Department of Environmental Protection

Re: DELI Project Number: 220526.07
Client Project Description: St. Augustine; 2022-05-23-14

Enclosed is the case narrative for the above referenced project:

There is nothing to report in the case narrative section of this laboratory report.

Unless otherwise noted and where applicable:

These samples were received at the proper temperature and with the proper preservation. The samples were analyzed as received, unless otherwise noted. All results in the Quality Control section are labeled appropriately. All results meet the requirements of the NELAP standards, unless otherwise noted. Footnotes are given at the end of the report.

Narrative Page 1 of 1

NELAP #E821059

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3653 Regent Boulevard
Suite 509
Jacksonville, FL 32224



Phone 904.807.9625
Fax 904.807.9627
Email info@delilab.com
Web www.delilab.com



Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

St. Augustine; 2022-05-23-14

DELI
Project Number

220526.07

Report Date: June 9, 2022

DELI Sample Number 58580

Sample Description 27010059

Matrix

Non Potable Water

Date/Time Collected

05/26/2022 09:30

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	931		MPN/100ml	1	1	1	05/26/2022 16:58	05/27/2022 17:02	JMD/DJV	05/26/2022 16:52





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

St. Augustine; 2022-05-23-14

DELI
Project Number

220526.07

Report Date: June 9, 2022

DELI Sample Number **58581**
Sample Description **G2NE1216**

Matrix **Non Potable Water**
Date/Time Collected **05/26/2022 10:15**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	501		MPN/100ml	1	1	1	05/26/2022 16:58	05/27/2022 17:02	JMD/DJV	05/26/2022 16:52





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

St. Augustine; 2022-05-23-14

DELI
Project Number

220526.07

Report Date: June 9, 2022

DELI Sample Number **58582**
Sample Description **G5NE0604**

Matrix **Non Potable Water**
Date/Time Collected **05/26/2022 11:45**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	20.0		MPN/100ml	10	10	10	05/26/2022 17:13	05/27/2022 17:15	JMD/DJV	05/26/2022 17:00





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

St. Augustine; 2022-05-23-14

DELI
Project Number

220526.07

Report Date: June 9, 2022

DELI Sample Number **58583**
Sample Description **G5NE0603**

Matrix **Non Potable Water**
Date/Time Collected **05/26/2022 12:10**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	10.0		MPN/100ml	10	10	10	05/26/2022 17:13	05/27/2022 17:15	JMD/DJV	05/26/2022 17:00





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

St. Augustine; 2022-05-23-14

DELI
Project Number

220526.07

Report Date: June 9, 2022

DELI Sample Number **58584**
Sample Description **27010088**

Matrix **Non Potable Water**
Date/Time Collected **05/26/2022 12:30**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	31.0		MPN/100ml	10	10	10	05/26/2022 17:13	05/27/2022 17:15	JMD/DJV	05/26/2022 17:00





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

St. Augustine; 2022-05-23-14

DELI
Project Number

220526.07

Report Date: June 9, 2022

DELI Sample Number **58585**
Sample Description **27010056**

Matrix **Non Potable Water**
Date/Time Collected **05/26/2022 12:50**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	402		MPN/100ml	10	10	10	05/26/2022 17:13	05/27/2022 17:15	JMD/DJV	05/26/2022 17:00





Report of Laboratory Analysis

**Florida Department of Environmental
Protection**

Project Description

St. Augustine; 2022-05-23-14

DELI

Project Number

220526.07

Report Date: June 9, 2022

Footnotes

DF	Dilution Factor
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MB	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not Detected/None Detected
PQL	Practical Quantification Limit
RPD	Relative Percent Deviation





Quality Control Data

Date Printed: June 9, 2022

QC Data for Project Number: 220526.07

Page QC-1 of 1

Batch No: B23531

Associated Samples

58582, 58583, 58584, 58585

TestCode: Micro: Enterococci (Quanti-Tray) - Enterolert

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits---		MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits---		Sample Dup %RPD	--QC Limit-- %RPD	Qualifiers
Parent Sample Number														58585		
Enterococci QT	<1 U													11.7	80	

Batch No: B23534

Associated Samples

58580, 58581

TestCode: Micro: E. Coli (Quanti-Tray) - SM9223B

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits---		MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits---		Sample Dup %RPD	--QC Limit-- %RPD	Qualifiers
Parent Sample Number														58580		
E. Coli QT	<1 U													24.7	80	

* Indicates value is outside control limits for %Recovery or greater than acceptance criteria for RPD

Footnotes

U Compound analyzed for, but not detected.

NELAP #E821059

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Web www.delilab.com