



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number: 230912.09
(Lab Use Only)

3653 Regent Boulevard, Suite # 509
Jacksonville, FL 32224
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F. (904) 807-9627

Page 1 of 1

Company Name		Florida Department of Environmental Protection		Container Information (Qty, Size, & Type)		Sample Matrix Codes:									
Address		8800 Baymeadows Way West		250 mL		A. Air P. Petroleum B. Bulk S. Soil/Sludge W. Wipe O. Other PW. Potable Water NPW. Non-Potable Water									
City		Jacksonville		State		FL		Zip		32256					
Attn.		Dep-overflowmicr@dep.state.fl.us		Container Preservation Codes		Sample Kit or Container Lot #									
Tel.		E-mail or Fax		6		6		6		NA					
Project Name				Parameters		Preservation Codes:									
Project Number		2023-09-11-38		E. Coli - Quantitray		0. None 5. Na2S2O3									
Project Location		St. Augustine		Enterococci - Quantitray		1. H2SO4 6. Crushed Ice (4C)									
Sampler Name/Signature		Katherine Halbert		Coliform, Fecal - MF 3 Dilutions		2. HNO3 7. C6H8O6									
Transfer #		Sample Identification		Date Sampled		Time Sampled		Sample Matrix Code		Specific Cond. (Field)		Comp		Grab	
Sample #		(Lab Use Only)													
-1		C59454		27010055		9/12/23		920		NRW		47273		✓	
-2		C59455		27010056		9/12/23		945		NRW		21070		✓	
-3		C59456		27010058		9/12/23		1065		NRW		5657		✓	
-4		C59457		27010058		9/12/23		1035		NRW		34489		✓	
-5		C59458		27010059		9/12/23		1050		NRW		808		✓	
-6		C59459		27010061		9/12/23		1110		NRW		642		✓	
-7															
-8															
-9															
-0															
Special Instructions:				Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time			
				10-6		Katherine Halbert		9/12/23 / 1445		VC		09/12/23 1445			
				09/12/23											



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.delilab.com

Project Login Form

DELI Project Number: 230912.09 Client Name: Florida Department of Environmental Protection

Date Received: 09/12/23 Received by: DJV PLF Completed by: DJV

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>0.0</u>	<u>2.1</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. #: 0441 IR Gun Inv. #: 0448

Other Information Checklist:

	YES	NO	NA
1 Were custody seals used for shipping containers(s)?	☐	☒	☐
2 If Yes, were the custody seals intact? If no, see comments below.	☐	☐	☒
3 Were custody seals used for sample containers(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>Yes NA</u>	☐	☐	☒
16 Were the VOA vials free of headspace? (No bubbles present) <u>DJV 09/18/23</u>	☐	☐	☒

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?
65954	Enterococci - QT	1	-	Yes / <u>No</u>	-	-	-	120mLP x2
65955	Enterococci - QT	1	-	Yes / <u>No</u>	-	-	-	120mLP
65956	Enterococci - QT	1	-	Yes / <u>No</u>	-	-	-	120mLP
↓	E. Coli - QT	1	-	Yes / <u>No</u>	-	-	-	120mLP x2
65957	Enterococci - QT	1	-	Yes / <u>No</u>	-	-	-	120mLP
↓	E. Coli - QT	1	-	Yes / <u>No</u>	-	-	-	120mLP
65958	E. Coli - QT	1	-	Yes / <u>No</u>	-	-	-	120mLP
65959	E. Coli - QT	↓	-	Yes / <u>No</u>	-	-	-	120mLP
				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:



September 18, 2023

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

Re: DELI Project Number: **230912.09**
Client PO Number: **C1E35B**
Client Project Description: **2023-09-11-38; St. Augustine**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
65954	27010055	09/12/2023 09:20	09/12/2023 14:45
65955	27010056	09/12/2023 09:45	09/12/2023 14:45
65956	27010088	09/12/2023 10:05	09/12/2023 14:45
65957	27010058	09/12/2023 10:35	09/12/2023 14:45
65958	27010059	09/12/2023 10:50	09/12/2023 14:45
65959	27010061	09/12/2023 11:10	09/12/2023 14:45

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.

Cover Page 1 of 1

NELAP #E821059

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Case Narrative

September 18, 2023

Florida Department of Environmental Protection

Re: DELI Project Number: 230912.09
Client Project Description: 2023-09-11-38; St. Augustine

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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Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

2023-09-11-38; St. Augustine

DELI
Project Number

230912.09

Report Date: September 18, 2023

DELI Sample Number 65954

Sample Description 27010055

Matrix

Non Potable Water

Date/Time Collected

09/12/2023 09:20

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	144.5		MPN/100ml	10	10.0	10.0	09/12/2023 15:35	09/13/2023 15:49	DJV	09/12/2023 15:23





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

2023-09-11-38; St. Augustine

DELI
Project Number

230912.09

Report Date: September 18, 2023

DELI Sample Number 65955

Sample Description 27010056

Matrix

Non Potable Water

Date/Time Collected

09/12/2023 09:45

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	1624.0		MPN/100ml	10	10.0	10.0	09/12/2023 15:35	09/13/2023 15:49	DJV	09/12/2023 15:23





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

2023-09-11-38; St. Augustine

DELI
Project Number

230912.09

Report Date: September 18, 2023

DELI Sample Number 65956

Sample Description 27010088

Matrix

Non Potable Water

Date/Time Collected

09/12/2023 10:05

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	116.0		MPN/100ml	10	10.0	10.0	09/12/2023 15:56	09/13/2023 09:58	DJV	09/12/2023 15:44
Enterococci QT	Enterolert QT	52.0		MPN/100ml	10	10.0	10.0	09/12/2023 15:35	09/13/2023 15:49	DJV	09/12/2023 15:23





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

2023-09-11-38; St. Augustine

DELI
Project Number

230912.09

Report Date: September 18, 2023

DELI Sample Number **65957**
Sample Description **27010058**

Matrix **Non Potable Water**
Date/Time Collected **09/12/2023 10:35**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	31.0		MPN/100ml	10	10.0	10.0	09/12/2023 15:56	09/13/2023 09:58	DJV	09/12/2023 15:44
Enterococci QT	Enterolert QT	108.0		MPN/100ml	10	10.0	10.0	09/12/2023 15:35	09/13/2023 15:49	DJV	09/12/2023 15:23





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

2023-09-11-38; St. Augustine

DELI
Project Number

230912.09

Report Date: September 18, 2023

DELI Sample Number 65958

Sample Description 27010059

Matrix

Non Potable Water

Date/Time Collected

09/12/2023 10:50

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	435.2		MPN/100ml	1	1.0	1.0	09/12/2023 15:56	09/13/2023 09:58	DJV	09/12/2023 15:44





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

2023-09-11-38; St. Augustine

DELI
Project Number

230912.09

Report Date: September 18, 2023

DELI Sample Number **65959**
Sample Description **27010061**

Matrix **Non Potable Water**
Date/Time Collected **09/12/2023 11:10**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	172.5		MPN/100ml	1	1.0	1.0	09/12/2023 15:56	09/13/2023 09:58	DJV	09/12/2023 15:44





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

2023-09-11-38; St. Augustine

DELI
Project Number

230912.09

Report Date: September 18, 2023

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



Batch No: B26494

Associated Samples

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

65956, 65957, 65958, 65959

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														65956		
E. Coli QT	<1.0 U													10.3	118	

Batch No: B26509

Associated Samples

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

65954, 65955, 65956, 65957

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														65954		
Enterococci QT	<1.0 U													4.8	161	

* 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