



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number: 220601.04
(Lab Use Only)

3653 Regent Boulevard, Suite # 509
Jacksonville, FL 32224
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Company Name		Florida Department of Environmental Protection		Container Information (Qty, Size, & Type)		Sample Matrix Codes:					
Address		8500 Baymeadows Way W		250mL NPW 250mL NPW NPW		A. Air P. Petroleum B. Bulk S. Soil/Sludge W. Wipe O. Other PW. Potable Water NPW. Non-Potable Water					
City		Jax		State		Zip					
Attn.		Jeremy Parish		DEP@fla-micro@dep.state.fl.us		Sample Kit or Container Lot #					
Tel.		E-mail or Fax		6		6					
Project Name		Nassau North		Parameters		Preservation Codes:					
Project Number		RQ-2072-05-09-25		E. Coli - Quantitray		1. H2SO4 6. Crushed Ice (4C) 2. HNO3 7. C6H8O6 3. HCl 8. NH4Cl 4. NaOH 9. Other: (list)					
Project Location		Karron Villines - Sub Station		Enterococci - Quantitray		Thermal Preservation:					
Sampler Name/Signature		Karron Villines		Coliform, Fecal - MF 3 Dilutions		In Crushed Ice? Yes/No Cooler Temp: 0.1 °C Sample Cont. Temp: 1.9 °C					
Transfer #	Sample #	Sample Identification	Time Date Sampled	Time Date Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab			
1	58619	G4NE0287	1300	6/1/22	NFW	47300	✓	✓			
2	58620	G4NE0305	1335	✓	✓	35700	✓	✓			
3	58621	G4NE0285	1315	✓	✓	46056	✓	✓			
4	58622	G4NE0289	1020	✓	✓	125	✓	✓			
5											
6											
7											
8											
9											
0											
Special Instructions:		Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time	
		1-4		Karron Villines		6/1/22 1500		Dc VC		06/01/22 1506	



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: 220601.04 Client Name: Florida Department of Environmental Protection

Date Received: 06/01/22 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>0.1</u>	<u>1.9</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 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>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?
58619	Enterococci QT	1	-	Yes / <u>NO</u>	-	-	-	250mLP
58622	E. Coli QT	↓	-	Yes / <u>NO</u>	-	-	-	250mLP
				Yes / No				
				Yes / No				
				Yes / No				
				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:



June 9, 2022

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

Re: DELI Project Number: **220601.04**
Client PO Number: **BABC4A**
Client Project Description: **Nassau North; RQ-2022-05-09-25**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
58619	G4NE0287	06/01/2022 13:00	06/01/2022 15:00
58620	G4NE0305	06/01/2022 13:35	06/01/2022 15:00
58621	G4NE0285	06/01/2022 13:15	06/01/2022 15:00
58622	G4NE0289	06/01/2022 10:20	06/01/2022 15:00

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.
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Suite 509
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Case Narrative

June 9, 2022

Florida Department of Environmental Protection

Re: DELI Project Number: 220601.04
Client Project Description: Nassau North; RQ-2022-05-09-25

Enclosed is the case narrative for the above referenced project:

Laboratory duplicate result for sample 58621 is 10 U MPN/100mL.

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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Jacksonville, FL 32224



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Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

Nassau North; RQ-2022-05-09-25

DELI
Project Number

220601.04

Report Date: June 9, 2022

DELI Sample Number **58619**
Sample Description **G4NE0287**

Matrix **Non Potable Water**
Date/Time Collected **06/01/2022 13:00**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	109		MPN/100ml	10	10	10	06/01/2022 16:11	06/02/2022 16:18	JMD/DJV	06/01/2022 16:01





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

Nassau North; RQ-2022-05-09-25

DELI
Project Number

220601.04

Report Date: June 9, 2022

DELI Sample Number **58620**
Sample Description **G4NE0305**

Matrix **Non Potable Water**
Date/Time Collected **06/01/2022 13:35**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	341		MPN/100ml	10	10	10	06/01/2022 16:11	06/02/2022 16:18	JMD/DJV	06/01/2022 16:01





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

Nassau North; RQ-2022-05-09-25

DELI
Project Number

220601.04

Report Date: June 9, 2022

DELI Sample Number **58621**
Sample Description **G4NE0285**

Matrix **Non Potable Water**
Date/Time Collected **06/01/2022 13:15**

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	06/01/2022 16:11	06/02/2022 16:18	JMD/DJV	06/01/2022 16:01





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

Nassau North; RQ-2022-05-09-25

DELI
Project Number

220601.04

Report Date: June 9, 2022

DELI Sample Number **58622**
Sample Description **G4NE0289**

Matrix **Non Potable Water**
Date/Time Collected **06/01/2022 10:20**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	137		MPN/100ml	1	1	1	06/01/2022 16:23	06/02/2022 16:24	JMD/DJV	06/01/2022 16:12





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

Nassau North; RQ-2022-05-09-25

DELI
Project Number

220601.04

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



Batch No: B23547

Associated Samples

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

58622

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														58624		
E. Coli QT	<1 U													1.7	80	

Batch No: B23559

Associated Samples

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

58619, 58620, 58621

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														58621		
Enterococci QT	<1 U													100 *	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