



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number:
(Lab Use Only)

240501.05

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

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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													
City		Jacksonville		250 mL		B. Bulk S. Soil/Sludge													
State		FL		250 mL		W. Wipe O. Other													
Zip		32256				PW. Potable Water													
Attn.		Dep-overflowmicro@dep.state.fl.us		Container Preservation Codes		NPW. Non-Potable Water													
Tel.		E-mail or Fax				Sample Kit or Container Lot #													
Project Name		SHR Nassau North				NA													
Project Number		2024-05-06-28																	
Project Location																			
Sampler Name/Signature		Karin Villanar																	
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	Parameters	Preservation Codes:	Thermal Preservation:	In Crushed Ice? (Yes / No)	Cooler Temp: 44 °C	Sample Cont. Temp: 0.9 °C	Turnaround Requested:	
1	09589	G4NE0285	5/1/24	1025	MPN	3210	/	/	1	1			0. None 5. Na2S2O3					X Standard (10 Business Days)	
2	09590	19020002	5/1/24	1115	MPN	5694	/	/	1	1			1. H2SO4 6. Crushed Ice (4C)					Semi-Rush (3-5 Business Days)	
3	09591	19010001	5/1/24	1340	MPN	84.6	/	/	1	1			2. HNO3 7. GSH806					Rush (1-2 Business Days)	
4	09592	G4NE0293	5/1/24	1420	MPN	8333	/	/	1	1			3. HCl 8. NH4Cl						
5													4. NaOH 9. Other: (List)						
6													Thermal Preservation:						
7													In Crushed Ice?						
8													Cooler Temp:						
9													Sample Cont. Temp:						
0																			
Special Instructions:				Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time		Billing Information:		Invoice with Report		Invoice to Accounting	
				1-4		[Signature]		5/1/24 1535		[Signature]		05/01/24 1555							



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.dellab.com

Project Login Form

DELI Project Number: 240501.05 Client Name: Florida Department of Environmental Protection

Date Received: 05/01/24 Received by: N JMD PLF Completed by: MTR
MR 05/01/24

Courier/Shipper Information:

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

Type & Number of Shipping Containers:

#	Shipping Container Description			Crushed Ice		Sample Cont. Temp. (°C)
1	<u>Cooler</u>	Box	Other:	<u>Yes</u>	No	<u>0.8</u>
2	Cooler	Box	Other:	Yes	No	
3	Cooler	Box	Other:	Yes	No	

Note: If thermal preservation was used/required, pick the first sample collected from each cooler and use the IR gun to measure the sample temperature.
 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 If "No" to 14 and these are Micro samples, was proper documentation provided to DEL, Inc.?	☒	☐	☐
16 Was this a sample kit provided by DEL, Inc.? If Yes, DEL, Inc. Kit #: <u>NA</u>	☐	☐	☒
17 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?
09589	Enterococci - QT	1	-	Yes / <u>No</u>	-	-	-	250mlp
09590	Enterococci - QT	1	-	Yes / <u>No</u>	-	-	-	
09591	E. coli - QT	1	-	Yes / <u>No</u>	-	-	-	
09592	Enterococci - QT	1	-	Yes / <u>No</u>	-	-	-	
				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:



May 6, 2024

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

Re: DELI Project Number: **240501.05**
Client PO Number: **C1E35B**
Client Project Description: **SMP Nassau North; 2024-05-06-28**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
69589	G4NE0285	05/01/2024 10:25	05/01/2024 15:55
69590	19020002	05/01/2024 11:15	05/01/2024 15:55
69591	19010001	05/01/2024 13:40	05/01/2024 15:55
69592	G4NE0293	05/01/2024 14:20	05/01/2024 15:55

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

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

May 6, 2024

Florida Department of Environmental Protection

Re: DELI Project Number: 240501.05
Client Project Description: SMP Nassau North; 2024-05-06-28

Enclosed is the case narrative for the above referenced project:

Enterococci:

-69592: Laboratory duplicate result for sample 69592 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

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Jacksonville, FL 32224



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



Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Nassau North; 2024-05-06-28

DELI
Project Number

240501.05

Report Date: May 6, 2024

DELI Sample Number 69589

Sample Description G4NE0285

Matrix

Non Potable Water

Date/Time Collected

05/01/2024 10:25

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	241.0		MPN/100ml	10	10.0	10.0	05/01/2024 16:22	05/02/2024 16:22	DJT	05/01/2024 16:14





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Nassau North; 2024-05-06-28

DELI
Project Number

240501.05

Report Date: May 6, 2024

DELI Sample Number 69590

Sample Description 19020002

Matrix

Non Potable Water

Date/Time Collected

05/01/2024 11:15

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	10.0	10.0	05/01/2024 16:22	05/02/2024 16:22	DJT	05/01/2024 16:14





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Nassau North; 2024-05-06-28

DELI
Project Number

240501.05

Report Date: May 6, 2024

DELI Sample Number **69591**

Sample Description **19010001**

Matrix

Non Potable Water

Date/Time Collected

05/01/2024 13:40

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	86.4		MPN/100ml	1	1.0	1.0	05/01/2024 16:32	05/02/2024 10:42	DJT	05/01/2024 16:26





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Nassau North; 2024-05-06-28

DELI
Project Number

240501.05

Report Date: May 6, 2024

DELI Sample Number 69592

Sample Description G4NE0293

Matrix

Non Potable Water

Date/Time Collected

05/01/2024 14:20

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	10.0	10.0	05/01/2024 16:22	05/02/2024 16:22	DJT	05/01/2024 16:14





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Nassau North; 2024-05-06-28

DELI
Project Number

240501.05

Report Date: May 6, 2024

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: May 6, 2024

QC Data for Project Number: 240501.05

Page QC-1 of 1

Batch No: B27944

Associated Samples

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

69591

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														69591		
E. Coli QT	<1.0 U													5.1	105	

Batch No: B27960

Associated Samples

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

69589, 69590, 69592

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														69592		
Enterococci QT	<1.0 U													200 *	198	

* 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