



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number: 230828.01
(Lab Use Only)

3653 Regent Boulevard, Suite # 509
Jacksonville, FL 32224
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Page 1 of 1

Company Name		Florida Department of Environmental Protection												
Address		8800 Baymeadows Way West												
City	Jacksonville	State	FL	Zip	32256									
Attn.		Dep-overflowmicr@dep.state.fl.us												
Tel.		E-mail or Fax												
Project Name		2023- 08-14-35												
Project Number		2023- 08-14-35												
Project Location		L50R North												
Sampler Name/Signature		Jenny Ramirez												
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:	Sample Kit or Container Lot #
1	C5787	20030011	8/28/23	925	NPW	265		X	1					
2	C5788	20030749	8/28/23	950	NPW	8532		X	1					
3	C5789	G2N61207	8/28/23	1010	NPW	1178		X	1					
4	C5790	G2N61208	8/28/23	1035	NPW	358		X	1					
5	C5791	20030739	8/28/23	1100	NPW	123		X	1					
6														
7														
8														
9														
0														
Special Instructions:														
Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time						
1-5		Jenny Ramirez		8/28/23 1140		MOR		08/28/23 11:40						

Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.

Turnaround Requested: ☒ Standard (10 Business Days) ☐ Semi-Rush (3-5 Business Days) ☐ Rush (1-2 Business Days)

Billing Information: ☐ Invoice with Report ☐ Invoice to Accounting

Req. # _____

P.O. # C1635B

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)

Thermal Preservation: ☒ In Crushed Ice? ☐ Yes / ☒ No

Cooler Temp: 0.1 °C

Sample Cont. Temp: 2.3 °C

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: 230828.01 Client Name: Florida Department of Environmental Protection

Date Received: 08/28/23 Received by: MTB 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	Cooler Box Other:	Yes No	0.1	2.3
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>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?
65787	E. Coli - QT	1	-	Yes / <u>No</u>	-	-	-	250mL P
65788	Enterococci - QT		-	Yes / <u>No</u>	-	-	-	250mL P
65789	Enterococci - QT		-	Yes / <u>No</u>	-	-	-	250mL P
65790	E. Coli - QT		-	Yes / <u>No</u>	-	-	-	250mL P
65791	Enterococci - QT		-	Yes / <u>No</u>	-	-	-	250mL P
				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:



September 5, 2023

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

Re: DELI Project Number: **230828.01**
Client PO Number: **C1E35B**
Client Project Description: **2023-08-14-35; LSJR North**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
65787	20030011	08/28/2023 09:25	08/28/2023 11:40
65788	20030749	08/28/2023 09:50	08/28/2023 11:40
65789	G2NE1207	08/28/2023 10:10	08/28/2023 11:40
65790	G2NE1208	08/28/2023 10:35	08/28/2023 11:40
65791	20030739	08/28/2023 11:00	08/28/2023 11:40

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



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Web www.delilab.com



Case Narrative

September 5, 2023

Florida Department of Environmental Protection

Re: DELI Project Number: 230828.01
Client Project Description: 2023-08-14-35; LSJR North

Enclosed is the case narrative for the above referenced project:

E. Coli:

-65790: Laboratory duplicate result for sample 65790 has a numerical value of 1011.2 MPN/100mL. The laboratory sample result had a value >2419.6 MPN/100mL. As a result, a % RPD was not able to be calculated for this batch. The associated samples for this batch are 65787 and 65790.

There is no duplicate data for this QC Batch.

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

2023-08-14-35; LSJR North

DELI
Project Number

230828.01

Report Date: September 5, 2023

DELI Sample Number **65787**

Sample Description **20030011**

Matrix

Non Potable Water

Date/Time Collected

08/28/2023 09:25

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	146.7	CN	MPN/100ml	1	1.0	1.0	08/28/2023 14:26	08/29/2023 08:40	MTR	08/28/2023 14:18





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

2023-08-14-35; LSJR North

DELI
Project Number

230828.01

Report Date: September 5, 2023

DELI Sample Number 65788

Sample Description 20030749

Matrix

Non Potable Water

Date/Time Collected

08/28/2023 09:50

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	327.0		MPN/100ml	10	10.0	10.0	08/28/2023 14:13	08/29/2023 14:48	MTR	08/28/2023 14:01





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

2023-08-14-35; LSJR North

DELI
Project Number

230828.01

Report Date: September 5, 2023

DELI Sample Number **65789**
Sample Description **G2NE1207**

Matrix **Non Potable Water**
Date/Time Collected **08/28/2023 10:10**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	41.0		MPN/100ml	10	10.0	10.0	08/28/2023 14:13	08/29/2023 14:48	MTR	08/28/2023 14:01





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

2023-08-14-35; LSJR North

DELI
Project Number

230828.01

Report Date: September 5, 2023

DELI Sample Number 65790

Sample Description G2NE1208

Matrix

Non Potable Water

Date/Time Collected

08/28/2023 10:35

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	>2419.6	J,CN	MPN/100ml	1	1.0	1.0	08/28/2023 14:26	08/29/2023 08:40	MTR	08/28/2023 14:18





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

2023-08-14-35; LSJR North

DELI
Project Number

230828.01

Report Date: September 5, 2023

DELI Sample Number **65791**

Sample Description **20030739**

Matrix

Non Potable Water

Date/Time Collected

08/28/2023 11:00

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	441.3		MPN/100ml	1	1.0	1.0	08/28/2023 14:13	08/29/2023 14:48	MTR	08/28/2023 14:01





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

2023-08-14-35; LSJR North

DELI
Project Number

230828.01

Report Date: September 5, 2023

Footnotes

CN	See Case Narrative
DF	Dilution Factor
J,CN	Estimated value; Value not accurate. See Case Narrative
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: B26444

Associated Samples

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

65788, 65789, 65791

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														65791		
Enterococci QT	<1.0 U													34.4	161	

Batch No: B26462

Associated Samples

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

65787, 65790

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																
E. Coli QT	<1.0 U														118	

* 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