



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number:
(Lab Use Only)

220614.05

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

Page 1 of 1

Container Information (Qty, Size, & Type)

NPW

250mL P
250mL P

Container Preservation Codes

Sample Matrix Codes:
A. Air P. Petroleum
B. Bulk S. Soil/Sludge
W. Wipe O. Other
PW. Potable Water
NPW. Non-Potable Water

Sample Kit or Container Lot #

6

6

6

Parameters

Preservation Codes:

0. None
1. H₂SO₄
2. HNO₃
3. HCl
4. NaOH
5. Na₂SO₃
6. Crushed Ice (4C)
7. C₆H₈O₆
8. NH₄Cl
9. Other: (List)

Thermal Preservation:

In Crushed Ice? (Yes)

Cooler Temp: 0-5 °C

Sample Cont. Temp: 1-9 °C

Turnaround Requested:

X Standard (10 Business Days)

Semi-Rush (3-5 Business Days)

Rush (1-2 Business Days)

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

Billing Information:

Invoice with Report

Invoice to Accounting

Req. #:

P.O. #: TABC4A

Special Instructions:

Transfer Numbers

Relinquished By

Date / Time

Received By

Date / Time

1-6

Long Term

6/14/22 1355



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.delialab.com

Project Login Form

DELI Project Number: 220614.05 Client Name: FDEP

Date Received: 06/14/22 Received by: UMD PLF Completed by: UMD

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>0.5</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 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?
59081	Enterococci QT	1	-	Yes / <u>No</u>	-	-	-	250mL P
↓	fecal MF	↓	-	Yes / <u>No</u>	-	-	-	250mL P
				Yes / No				
				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 28, 2022

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

Re: DELI Project Number: **220614.05**
Client PO Number: **BABC4A**
Client Project Description: **Palm Valley Boat; 2022-04-11-24**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
59076	G5NE0595	06/14/2022 11:05	06/14/2022 13:55
59077	27010019	06/14/2022 11:30	06/14/2022 13:55
59078	G5NE0596	06/14/2022 11:40	06/14/2022 13:55
59079	27010165	06/14/2022 12:00	06/14/2022 13:55
59080	27010069	06/14/2022 12:10	06/14/2022 13:55
59081	27010072	06/14/2022 12:20	06/14/2022 13:55

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

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Case Narrative

June 28, 2022

Florida Department of Environmental Protection

Re: DELI Project Number: 220614.05
Client Project Description: Palm Valley Boat; 2022-04-11-24

Enclosed is the case narrative for the above referenced project:

Fecal Coliform (MF):

- 59076: The dilutions performed were 1:2, 1:10, and 1:100. These results are based upon colony counts outside the ideal count range for the method.
- 59077: The dilutions performed were 1:2, 1:10, and 1:100. These results are based upon colony counts outside the ideal count range for the method.
- 59078: The dilutions performed were 1:2, 1:10, and 1:100. No colonies were present in each dilution. The result is based on the largest volume used.
- 59079: The dilutions performed were 1:2, 1:10, and 1:100. These results are based upon colony counts outside the ideal count range for the method.
- 59080: The dilutions performed were 1:2, 1:10, and 1:100. These results are based upon colony counts outside the ideal count range for the method.
- 59081: The dilutions performed were 1:2, 1:10, and 1:100. These results are based upon colony counts outside the ideal count range for the method.

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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Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

Palm Valley Boat; 2022-04-11-24

DELI
Project Number

220614.05

Report Date: June 28, 2022

DELI Sample Number **59076**
Sample Description **G5NE0595**

Matrix **Non Potable Water**
Date/Time Collected **06/14/2022 11:05**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	310		MPN/100ml	10	10	10	06/14/2022 15:33	06/15/2022 15:41	JMD/DJV	06/14/2022 15:10
Coliform, Fecal (MF)	SM 9222 D	11	B	CFU/100ml	2	2	2	06/14/2022 16:09	06/15/2022 16:09	JMD/DJV	06/14/2022 15:40





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

Palm Valley Boat; 2022-04-11-24

DELI
Project Number

220614.05

Report Date: June 28, 2022

DELI Sample Number **59077**
Sample Description **27010019**

Matrix **Non Potable Water**
Date/Time Collected **06/14/2022 11:30**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	<10	U	MPN/100ml	10	10	10	06/14/2022 15:33	06/15/2022 15:41	JMD/DJV	06/14/2022 15:10
Coliform, Fecal (MF)	SM 9222 D	3	B	CFU/100ml	2	2	2	06/14/2022 16:09	06/15/2022 16:09	JMD/DJV	06/14/2022 15:40





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

Palm Valley Boat; 2022-04-11-24

DELI
Project Number

220614.05

Report Date: June 28, 2022

DELI Sample Number **59078**
Sample Description **G5NE0596**

Matrix **Non Potable Water**
Date/Time Collected **06/14/2022 11:40**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	<10	U	MPN/100ml	10	10	10	06/14/2022 15:33	06/15/2022 15:41	JMD/DJV	06/14/2022 15:10
Coliform, Fecal (MF)	SM 9222 D	<2	U	CFU/100ml	2	2	2	06/14/2022 16:09	06/15/2022 16:09	JMD/DJV	06/14/2022 15:40





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

Palm Valley Boat; 2022-04-11-24

DELI
Project Number

220614.05

Report Date: June 28, 2022

DELI Sample Number **59079**
Sample Description **27010165**

Matrix **Non Potable Water**
Date/Time Collected **06/14/2022 12:00**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	<10	U	MPN/100ml	10	10	10	06/14/2022 15:33	06/15/2022 15:41	JMD/DJV	06/14/2022 15:10
Coliform, Fecal (MF)	SM 9222 D	8	B	CFU/100ml	2	2	2	06/14/2022 16:09	06/15/2022 16:09	JMD/DJV	06/14/2022 15:40





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

Palm Valley Boat; 2022-04-11-24

DELI
Project Number

220614.05

Report Date: June 28, 2022

DELI Sample Number **59080**
Sample Description **27010069**

Matrix **Non Potable Water**
Date/Time Collected **06/14/2022 12:10**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	10		MPN/100ml	10	10	10	06/14/2022 15:33	06/15/2022 15:41	JMD/DJV	06/14/2022 15:10
Coliform, Fecal (MF)	SM 9222 D	10	B	CFU/100ml	2	2	2	06/14/2022 16:09	06/15/2022 16:09	JMD/DJV	06/14/2022 15:40





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

Palm Valley Boat; 2022-04-11-24

DELI
Project Number

220614.05

Report Date: June 28, 2022

DELI Sample Number **59081**
Sample Description **27010072**

Matrix **Non Potable Water**
Date/Time Collected **06/14/2022 12:20**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	20		MPN/100ml	10	10	10	06/14/2022 15:33	06/15/2022 15:41	JMD/DJV	06/14/2022 15:10
Coliform, Fecal (MF)	SM 9222 D	8	B,A	CFU/100ml	2	2	2	06/14/2022 16:09	06/15/2022 16:09	JMD/DJV	06/14/2022 15:40





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

Palm Valley Boat; 2022-04-11-24

DELI
Project Number

220614.05

Report Date: June 28, 2022

Footnotes

B	Results based upon colony counts outside the acceptable range.
B,A	B - Results based upon colony counts outside the acceptable range. A - Value reported is the arithmetic mean (average) of two or more determinations.
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
U	Compound analyzed for, but not detected.





Quality Control Data

Date Printed: June 28, 2022

QC Data for Project Number: 220614.05

Page QC-1 of 1

Batch No: B23684

Associated Samples

59076, 59077, 59078, 59079, 59080, 59081

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

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits--- %RPD %Rec	MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits--- %RPD %Rec	Sample Dup %RPD	--QC Limit-- %RPD	Qualifiers
Parent Sample Number												59081		
Enterococci QT	<1 U											0	80	

Batch No: B23725

Associated Samples

59076, 59077, 59078, 59079, 59080, 59081

TestCode: Micro: Fecal Coliform (MF) - 9222D

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits--- %RPD %Rec	MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits--- %RPD %Rec	Sample Dup %RPD	--QC Limit-- %RPD	Qualifiers
Parent Sample Number												59081		
Coliform, Fecal (MF)	<1 U											40	78	
Parent Sample Number														
Coliform, Fecal (MF)	<1 U												78	

* 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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