



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number: **230227.06**
(Lab Use Only)

3653 Regent Boulevard, Suite # 509
Jacksonville, FL 32224
P. (904) 807-9625 E. info@delillab.com
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																	
City		Jacksonville State FL Zip				250 mL				B. Bulk S. Soil/Sludge																	
Attn.		Dep-overflowmicro@dep.state.fl.us				250 mL				W. Wipe O. Other																	
Tel.		E-mail or Fax				Container Preservation Codes				PW. Potable Water																	
Project Name		2023-02-27-66				Parameters				NPW. Non-Potable Water																	
Project Number										Sample Kit or Container Lot #																	
Project Location		Palm Valley								NA																	
Sampler Name/Signature		Jenny Parrott																									
Transfer #	Sample #	Sample Identification	Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab	E. Coli - Quantitray				Preservation Codes:														
1	63356	GSNE0595	2/27/23	1405	MPW	40010	X	X	Enterococci - Quantitray				0. None 5. Na2SS2O3														
2	63357	GSNE0588	2/27/23	1415	MPW	40500	X	X	Coliform, Fecal - MF 3 Dilutions				1. H2SO4 6. Crushed Ice (4C)														
3													2. HNO3 7. G6H8O6														
4													3. HCl 8. NH4Cl														
5													4. NaOH 9. Other: (list)														
6													Thermal Preservation:														
7													In Crushed Ice? (Yes) / No														
8													Cooler Temp. 0.3 °C														
9													Sample Cont. Temp. 0.1 °C														
0													Turnaround Requested:														
Special Instructions:												Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.															
Transfer Numbers												Reinforced By				Date / Time				Received By				Date / Time			
1-2												Jenny Parrott				2/27/23 1519				Moog				2/27/23 1519			



Project Login Form

DELI Project Number: 230227-06 Client Name: Florida Department of Environmental Protection
 Date Received: 2/27/23 Received by: MTR PLF Completed by: MTR

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>0.3</u>	<u>0.1</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>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?
<u>63356</u>	<u>Fecal coli, Entero-QT</u>	<u>1</u>	<u>-</u>	<u>Yes / No</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(2) 250 mL</u>
<u>63357</u>	<u>Fecal coli, Entero-QT</u>	<u>1</u>	<u>-</u>	<u>Yes / No</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(2) 250 mL</u>
				<u>Yes / No</u>				
				<u>Yes / No</u>				
				<u>Yes / No</u>				
				<u>Yes / No</u>				
				<u>Yes / No</u>				
				<u>Yes / No</u>				
				<u>Yes / No</u>				

P = Plastic; G = Glass; AG = Amber Glass; TL = Teflon Lid; WM = Wide Mouth

☐ Sample preservation added upon receiving

Date: _____ Time: _____

Comments:



March 9, 2023

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

Re: DELI Project Number: **230227.06**
Client PO Number: **C0E8B4**
Client Project Description: **2023-02-27-66; Palm Valley**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
63356	G5NE0595	02/27/2023 14:05	02/27/2023 15:19
63357	G5NE0588	02/27/2023 14:15	02/27/2023 15:19

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

March 9, 2023

Florida Department of Environmental Protection

Re: DELI Project Number: 230227.06
Client Project Description: 2023-02-27-66; Palm Valley

Enclosed is the case narrative for the above referenced project:

Fecal Coliform:

-63356: 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.

-63357: 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. The laboratory duplicate result is 2 U CFU/100mL.

Enterococci:

-63357: Laboratory duplicate result for sample 63357 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

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



Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

2023-02-27-66; Palm Valley

DELI
Project Number

230227.06

Report Date: March 9, 2023

DELI Sample Number **63356**
Sample Description **G5NE0595**

Matrix **Non Potable Water**
Date/Time Collected **02/27/2023 14:05**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	<10.0	U	MPN/100ml	10	10.0	10.0	02/27/2023 16:19	02/28/2023 16:23	MTR/DJV	02/27/2023 16:10
Coliform, Fecal (MF)	SM 9222 D	15	B	CFU/100ml	2	2	2	02/27/2023 16:04	02/28/2023 16:12	DJV	02/27/2023 15:42





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

2023-02-27-66; Palm Valley

DELI
Project Number

230227.06

Report Date: March 9, 2023

DELI Sample Number **63357**
Sample Description **G5NE0588**

Matrix **Non Potable Water**
Date/Time Collected **02/27/2023 14:15**

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	10.0	10.0	02/27/2023 16:19	02/28/2023 16:23	MTR/DJV	02/27/2023 16:10
Coliform, Fecal (MF)	SM 9222 D	7	B	CFU/100ml	2	2	2	02/27/2023 16:04	02/28/2023 16:12	DJV	02/27/2023 15:42





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

2023-02-27-66; Palm Valley

DELI
Project Number

230227.06

Report Date: March 9, 2023

Footnotes

B	Results based upon colony counts outside the acceptable range.
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.



Batch No: B25275

Associated Samples

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

63356, 63357

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														63357		
Coliform, Fecal (MF)	<1 U													200 *	94	
Parent Sample Number																
Coliform, Fecal (MF)	<1 U														94	

Batch No: B25304

Associated Samples

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

63356, 63357

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														63557		
Enterococci QT	<1.0 U													200 *	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