



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number: 230905.04
(Lab Use Only)

3653 Regent Boulevard, Suite # 509
Jacksonville, FL 32224
P. (904) 807-9625 E. info@delilab.com
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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										
Attn.		Dep-overflowmicr@dep.state.fl.us													
Tel.		E-mail or Fax													
Project Name		BMAP1/BMAP2													
Project Number		2023-09-04-40													
Project Location															
Sampler Name/Signature		Katherine Halbert / 12 2m													
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:	Sample Matrix Codes:	Sample Kit or Container Lot #
1	65836	20030891	9/5/23	925	NRU	831		✓	✓				0. None 5. Na2S2O3	A. Air P. Petroleum	
2	65837	20030793	9/5/23	945	NRU	2341		✓	✓				1. H2SO4 6. Crushed Ice (4C)	B. Bulk S. Soil/Sludge	
3	65838	20030958	9/5/23	955	NRU	20951		✓	✓				2. HNO3 7. C6H8O6	W. Wipe O. Other	
4	65839	20030953	9/5/23	1020	NRU	2749		✓	✓				3. HCl 8. NH4Cl	PW. Potable Water	
5	65840	20030801	9/5/23	1035	NRU	5077		✓	✓				4. NaOH 9. Other: (List)	NPW. Non-Potable Water	
6	65841	20030082	9/5/23	1055	NRU	5893		✓	✓						
7	65842	20030760	9/5/23	1105	NRU	31.3		✓	✓						
8															
9															
0															
Special Instructions:		*10x dilution													
Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time							
91-7		2m		09/05/23/1251		De V		09/05/23 1251							
b.v. 09/05/23															



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.delilab.com

Project Login Form

DELI Project Number: 230905.04 Client Name: Florida Department of Environmental Protection

Date Received: 09/05/23 Received by: DDV PLF Completed by: MPR

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	0.0	1.5
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?
05830	E. Coli - QT	1	-	Yes / No	-	-	-	120mup
05837	Enteroc - QT	1	-	Yes / No	-	-	-	
05838	Enteroc - QT	1	-	Yes / No	-	-	-	
05839	E. Coli - QT	1	-	Yes / No	-	-	-	
05840	E. Coli - QT	1	-	Yes / No	-	-	-	
05841	E. Coli - QT	1	-	Yes / No	-	-	-	
05842	E. Coli - QT	1	-	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 11, 2023

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

Re: DELI Project Number: **230905.04**
Client PO Number: **C1E35B**
Client Project Description: **BMAP1/BMAP2; 2023-09-04-40**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
65836	20030891	09/05/2023 09:25	09/05/2023 12:51
65837	20030793	09/05/2023 09:45	09/05/2023 12:51
65838	20030958	09/05/2023 09:55	09/05/2023 12:51
65839	20030953	09/05/2023 10:20	09/05/2023 12:51
65840	20030801	09/05/2023 10:35	09/05/2023 12:51
65841	20030082	09/05/2023 10:55	09/05/2023 12:51
65842	20030760	09/05/2023 11:05	09/05/2023 12:51

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

September 11, 2023

Florida Department of Environmental Protection

Re: DELI Project Number: 230905.04
Client Project Description: BMAP1/BMAP2; 2023-09-04-40

Enclosed is the case narrative for the above referenced project:

There is nothing to report in the case narrative section of this laboratory report.

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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Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP1/BMAP2; 2023-09-04-40

DELI
Project Number

230905.04

Report Date: September 11, 2023

DELI Sample Number **65836**

Sample Description **20030891**

Matrix

Non Potable Water

Date/Time Collected

09/05/2023 09:25

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	1553.1		MPN/100ml	1	1.0	1.0	09/05/2023 14:40	09/06/2023 09:30	MTR/DJV	09/05/2023 14:24





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP1/BMAP2; 2023-09-04-40

DELI
Project Number

230905.04

Report Date: September 11, 2023

DELI Sample Number **65837**

Sample Description **20030793**

Matrix

Non Potable Water

Date/Time Collected

09/05/2023 09:45

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	1529.0		MPN/100ml	10	10.0	10.0	09/05/2023 14:09	09/06/2023 14:09	MTR/DJV	09/05/2023 13:58





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP1/BMAP2; 2023-09-04-40

DELI
Project Number

230905.04

Report Date: September 11, 2023

DELI Sample Number **65838**

Sample Description **20030958**

Matrix

Non Potable Water

Date/Time Collected

09/05/2023 09:55

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	504.5		MPN/100ml	10	10.0	10.0	09/05/2023 14:09	09/06/2023 14:09	MTR/DJV	09/05/2023 13:58





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP1/BMAP2; 2023-09-04-40

DELI
Project Number

230905.04

Report Date: September 11, 2023

DELI Sample Number **65839**

Sample Description **20030953**

Matrix

Non Potable Water

Date/Time Collected

09/05/2023 10:20

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	6131.0		MPN/100ml	10	10.0	10.0	09/05/2023 14:40	09/06/2023 09:30	MTR/DJV	09/05/2023 14:24





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP1/BMAP2; 2023-09-04-40

DELI
Project Number

230905.04

Report Date: September 11, 2023

DELI Sample Number **65840**
Sample Description **20030801**

Matrix **Non Potable Water**
Date/Time Collected **09/05/2023 10:35**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	336.0		MPN/100ml	10	10.0	10.0	09/05/2023 14:40	09/06/2023 09:30	MTR/DJV	09/05/2023 14:24





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP1/BMAP2; 2023-09-04-40

DELI
Project Number

230905.04

Report Date: September 11, 2023

DELI Sample Number **65841**

Sample Description **20030082**

Matrix

Non Potable Water

Date/Time Collected

09/05/2023 10:55

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	521.0		MPN/100ml	10	10.0	10.0	09/05/2023 14:40	09/06/2023 09:30	MTR/DJV	09/05/2023 14:24





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP1/BMAP2; 2023-09-04-40

DELI
Project Number

230905.04

Report Date: September 11, 2023

DELI Sample Number **65842**

Sample Description **20030760**

Matrix

Non Potable Water

Date/Time Collected

09/05/2023 11:05

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	1374.0		MPN/100ml	10	10.0	10.0	09/05/2023 14:40	09/06/2023 09:30	MTR/DJV	09/05/2023 14:24





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP1/BMAP2; 2023-09-04-40

DELI
Project Number

230905.04

Report Date: September 11, 2023

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: September 11, 2023

QC Data for Project Number: 230905.04

Page QC-1 of 1

Batch No: B26475

Associated Samples

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

65836, 65839, 65840, 65841, 65842

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														65389		
E. Coli QT	<1.0 U													0	118	

Batch No: B26478

Associated Samples

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

65837, 65838

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														65838		
Enterococci QT	<1.0 U													35.9	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

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