



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number: 231101.02
(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		BMAP 1											
Project Number		2023-10-30-19											
Project Location		BMAP											
Sampler Name/Signature		Jenny Park											
Transfer #	Sample # (Lab Use Only)	Sample Identification	Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab	Container Information (Qty, Size, & Type)			Sample Matrix Codes:	
1	66689	20030891	11/1/23	900	NPW	390	X	1	6	6	6	250 mL	A. Air B. Bulk W. Wipe PW. Potable Water NPW. Non-Potable Water
2	66630	20030793		930		2190	X	1	6	6	6	250 mL	P. Petroleum S. Soil/Sludge O. Other
3	66631	20030958		950		3288	X	1	6	6	6	250 mL	
4	66638	20030953		1025		368	X	1	6	6	6	250 mL	
5	66633	20030801		1045		725	X	1	6	6	6	250 mL	
6	66634	20030082		1115		1777	X	1	6	6	6	250 mL	
7	66635	20030760		1140		374	X	1	6	6	6	250 mL	
8													
9													
0													
Special Instructions:		Transfer Numbers: 1-7 Relinquished By: Jenny Park Date / Time: 11/1/23 1220 Received By: De Ve Date / Time: 11/01/23 1220											
Billing Information:		Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples. X Standard (10 Business Days) Semi-Rush (3-5 Business Days) Rush (1-2 Business Days) Invoice with Report Invoice to Accounting Req. #: P.O. #: C1E35B											
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: 0.0 °C Sample Cont. Temp: 0.6 °C Turnaround Requested:											

Project Login Form

DELI Project Number: 231101.02 Client Name: Florida Department of Environmental Protection

Date Received: 11/01/23 Received by: DJV 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	0.0	0.6
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?
66629	E. Coli - QT	1	-	Yes / (No)	-	-	-	250mLP
66630	Enterococci - QT	1	-	Yes / (No)	-	-	-	250mLP
66631	Enterococci - QT	1	-	Yes / (No)	-	-	-	250mLP
66632	E. Coli - QT	↓	-	Yes / (No)	-	-	-	250mLP
66635				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:



November 6, 2023

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

Re: DELI Project Number: **231101.02**
Client PO Number: **C1E35B**
Client Project Description: **BMAP 1; 2023-10-30-19; BMAP**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
66629	20030891	11/01/2023 09:00	11/01/2023 12:20
66630	20030793	11/01/2023 09:30	11/01/2023 12:20
66631	20030958	11/01/2023 09:50	11/01/2023 12:20
66632	20030953	11/01/2023 10:25	11/01/2023 12:20
66633	20030801	11/01/2023 10:45	11/01/2023 12:20
66634	20030082	11/01/2023 11:15	11/01/2023 12:20
66635	20030760	11/01/2023 11:40	11/01/2023 12:20

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
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Case Narrative

November 6, 2023

Florida Department of Environmental Protection

Re: DELI Project Number: 231101.02
Client Project Description: BMAP 1; 2023-10-30-19; BMAP

Enclosed is the case narrative for the above referenced project:

E.Coli:

DELI Sample 66629 : All Quanti-Tray wells were positive. Result may be higher than reported. All Quanti-Tray wells were positive in the Laboratory Duplicate. Laboratory Duplicate result is also >2419.6 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

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Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-10-30-19; BMAP

DELI
Project Number

231101.02

Report Date: November 6, 2023

DELI Sample Number **66629**

Sample Description **20030891**

Matrix

Non Potable Water

Date/Time Collected

11/01/2023 09:00

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	>2419.6	J	MPN/100ml	1	1.0	1.0	11/01/2023 15:43	11/02/2023 10:25	DJV/MTR	11/01/2023 15:28





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-10-30-19; BMAP

DELI
Project Number

231101.02

Report Date: November 6, 2023

DELI Sample Number **66630**

Sample Description **20030793**

Matrix

Non Potable Water

Date/Time Collected

11/01/2023 09:30

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	1071.0		MPN/100ml	10	10.0	10.0	11/01/2023 15:17	11/02/2023 15:40	DJV/MTR	11/01/2023 15:09





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-10-30-19; BMAP

DELI
Project Number

231101.02

Report Date: November 6, 2023

DELI Sample Number **66631**

Sample Description **20030958**

Matrix

Non Potable Water

Date/Time Collected

11/01/2023 09:50

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	437.5		MPN/100ml	10	10.0	10.0	11/01/2023 15:17	11/02/2023 15:40	DJV/MTR	11/01/2023 15:09





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-10-30-19; BMAP

DELI
Project Number

231101.02

Report Date: November 6, 2023

DELI Sample Number **66632**

Sample Description **20030953**

Matrix

Non Potable Water

Date/Time Collected

11/01/2023 10:25

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	5475.0		MPN/100ml	10	10.0	10.0	11/01/2023 15:43	11/02/2023 10:25	DJV/MTR	11/01/2023 15:28





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-10-30-19; BMAP

DELI
Project Number

231101.02

Report Date: November 6, 2023

DELI Sample Number **66633**

Sample Description **20030801**

Matrix

Non Potable Water

Date/Time Collected

11/01/2023 10:45

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	32.8		MPN/100ml	1	1.0	1.0	11/01/2023 15:43	11/02/2023 10:25	DJV/MTR	11/01/2023 15:28





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-10-30-19; BMAP

DELI
Project Number

231101.02

Report Date: November 6, 2023

DELI Sample Number **66634**

Sample Description **20030082**

Matrix

Non Potable Water

Date/Time Collected

11/01/2023 11:15

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	74.0		MPN/100ml	10	10.0	10.0	11/01/2023 15:43	11/02/2023 10:25	DJV/MTR	11/01/2023 15:28





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-10-30-19; BMAP

DELI
Project Number

231101.02

Report Date: November 6, 2023

DELI Sample Number **66635**
Sample Description **20030760**

Matrix **Non Potable Water**
Date/Time Collected **11/01/2023 11:40**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	780.0		MPN/100ml	10	10.0	10.0	11/01/2023 15:43	11/02/2023 10:25	DJV/MTR	11/01/2023 15:28





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP 1; 2023-10-30-19; BMAP

DELI
Project Number

231101.02

Report Date: November 6, 2023

Footnotes

DF	Dilution Factor
J	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





Quality Control Data

Date Printed: November 6, 2023

QC Data for Project Number: 231101.02

Page QC-1 of 1

Batch No: B26860

Associated Samples

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

66629, 66632, 66633, 66634, 66635

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														66629		
E. Coli QT	<1.0 U													0	105	

Batch No: B26863

Associated Samples

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

66630, 66631

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														66631		
Enterococci QT	<1.0 U													37.7	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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