

RQ-2021-06-14-49

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/30/2021 9:25

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
2.4				10		✓			9293 8013 3276

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO₃ and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# _____

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ☐ No ☒

CONTAINER CHECK

Evidence Tape on Bottles?

Yes ☐ No ☐ NA ☒Evidence Tape intact? Yes ☐ No ☐

If Criminal, photographs taken?

Yes ☐ No ☐Containers intact? Yes ☒ No ☐

Caps on tight?

Yes ☒ No ☐

Sufficient Sample Volume:

Yes ☐ No ☐If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☒ No ☐ Init: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☒ Init: IM

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH < 2.0?

Yes ☐ No ☐ NA ☒ Init: IM

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes ☐ No ☐ NA ☒ Init: IM

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: IM

Date: 6/30/2021

Event contains NCRs (Y/N)? ☒

Event ID:

2021 SMP: Lee County Sampling
 SO-DIST-2021-06-30-01 (SMP)
 Date Received: 30-JUN-2021 09:25

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #2 exp:10/28/21
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	219019 exp: 7/1/22
Chlorine Test Strips	0129 exp: 03/2023

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ Init: _____

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ No _____

If no, were samples shipped on dry ice? Yes _____ No _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SO-DIST

Requester: William Mullen

Field Report Prepared By:

Project ID: SMP

Collected By:

Sierra Strickland

Sampling Agency:

LCEL

Location 47A-15GR		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 06/29/2021 Time 9:03		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) A
Field ID " "		Matrix (type, e.g., Salt, Fresh, etc) Estuarine		Diss. Oxygen 1.5		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
WIN/STORET # " "		Temp (C) 26.7		pH 7.1		Sample Depth 0.4	☐ ft ☒ m	Sp. Conductance (umho/cm) 14875.4	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 8.62		Comments Total Depth = 0.60			
Location 47A-4GR		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 06/29/2021 Time 9:27		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) A
Field ID " "		Matrix (type, e.g., Salt, Fresh, etc) Estuarine		Diss. Oxygen 2.99		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
WIN/STORET # " "		Temp (C) 27.736		pH 7.28		Sample Depth 0.4	☐ ft ☒ m	Sp. Conductance (umho/cm) 32683	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 20.35		Comments Total Depth = 0.8			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date _____ Time _____		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #		Temp (C)		pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date _____ Time _____		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #		Temp (C)		pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments			

Relinquished By: B. BOB	Date/Time 6/29/21 @ 1430	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: EM	Date/Time 6/30/21 9:25
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Florida Department of Environmental Protection
Central Laboratory Submittal Form

2021 SMP: Lee County Sampling

Customer: SO-DIST

Requester: William Mullen

Field Report Prepared By:

Project ID: SMP

Collected By: Garrett Kusienski

Sampling Agency:

LCEL

Location IMPRGR51		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-29-21 Time 9:21 A.M.		☒ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) A
Field ID // //		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 1.34	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # // //		Temp (C) 26.29	pH 7.17	Sample Depth .5	☐ ft ☒ m	Sp. Conductance (umho/cm) 3666.1		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 1.92	Comments Total Depth = 0.9 m					
Location IMPRGR41		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-29-21 Time 9:42 A.		☒ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s) A
Field ID // //		Matrix (type, e.g., Salt, Fresh, etc) ESTUARINE		Diss. Oxygen 1.55	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # // //		Temp (C) 27.33	pH 7.22	Sample Depth .5	☐ ft ☒ m	Sp. Conductance (umho/cm) 10,294		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 5.79	Comments Total Depth = 1.5 m					
Location IMPRGR30		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-29-21 Time 10:05 A.		☒ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s) A
Field ID // //		Matrix (type, e.g., Salt, Fresh, etc) ESTUARINE		Diss. Oxygen 4.82	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # // //		Temp (C) 28.22	pH 7.41	Sample Depth .5	☐ ft ☒ m	Sp. Conductance (umho/cm) 19,765.5		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 11.72	Comments Total Depth = 1.3 m					
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____		☐ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments					

Relinquished By: BOB	Date/Time 6/29/21 @ 1430	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: IM	Date/Time 6/30/21 9:25
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Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
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PCR-BACR

PCR-DG3

PCR-HF183

Group: A	Bottle Type:	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
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W-E8321-DI

W-E8321-MS

Date of Request: 01-JUN-2021
 Created By: MULLEN_W On: 01-JUN-2021
 Modified By: JASROTIA_P On: 02-JUN-2021
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Event Description: 2021 SMP: Lee County Sampling

Send Coolers To:

Phone: 239-533-8600 ext 48605
 Lee County Environmental Lab
 60 S. Danley Dr #2
 Fort Myers, FL 33907
 Attn: Brett O'Brien
 Cooler Ship EMail:
 William.Mullen@FloridaDEP.gov;BOBrien@leegov.com

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 01-JUN-2021
 Biology Request Reviewed By: JASROTIA_P On: 02-JUN-2021
 Sampling Kit Required: YES Ship on: 04-JUN-2021
 Sampling Kit Shipped: YES On: 03-JUN-2021
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 14-JUN-2021
 Logged In By: REYNOLDS_T On: 16-JUN-2021

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: William Mullen
 Report Notification EMail:
 Nicole.Reistad@FloridaDEP.gov;Kirby.Wolfe@dep.state.fl.us;Ga
 ry.Snorek@dep.state.fl.us;William.Mullen@FloridaDEP.gov;Moni
 ca.Jaeger@FloridaDEP.gov

Comments: Group A: Markers, Tracers

Bottle Group A (Water) With 6 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 6	Preserved With: ICE
PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
PCR-DG3	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
Bottle Type: BG-500ML	Number of Bottles: 6	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.