

RQ- 2020-02-10-25

Login Checklist

Login Station ID: #4Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 02/13/2020 @ 10:33

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
1.2				12		X			1278 4011 3475

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation; An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X If yes, is it intact? Yes No

**Caps on tight? Yes ✓ No **Containers intact? Yes ✓ No

**Sufficient Sample Volume: Yes ✓ No

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes No X Init: Tyler R

Chlorine detected? (One container checked per Field ID)

Yes No Init:

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No NA Init: Tyler R

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA X Init: Tyler R

Coolers Unpacked/Checked by: Tyler Reynolds Date: 02/13/2020

NCRs (Y/N)? NONE

Event ID: Crystal River, GOM- Withlacoochee
SW-DIST-2020-02-13-01 (SMP)

NCR #

Date Received: 13-FEB-2020 10:33

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #4 EXP: 11/05/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP: 05/15/2020
pH Paper 0 – 3 Lot #	N/A
pH Paper 0 – 13 Lot #	215517 EXP: 06/01/2020
Chlorine Test Strips Lot #	8261 EXP: 07/30/2021

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ No X

Date and time placed in freezer _____

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

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

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: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: S Meyer

Collected By: B Paswater, K Callahan, S Meyer

Sampling Agency: FDEP SW ROC

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/12/20 Time 1335	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID/WIN G5SW0156		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 113.9 9.33	Total Res. Chlorine (mg/L)	A (B) TR
Site Name: Gulf of Mexico (Withlacoochee) by Ramp		Temp (C) 21.9	pH 8.03	Sample Depth 0.3	Sp. Conductance (umho/cm) 19228	
☐ dms		☐ dd ☐ dms	Salinity (ppt) 11.45	Comments 0.8m 0.85		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/12/20 Time 1315	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN G5SW0157		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 117.7 9.25	Total Res. Chlorine (mg/L)	A
Site Name: Gulf of Mexico (Withlacoochee) by Bar		Temp (C) 21.4	pH 8.01	Sample Depth 0.3	Sp. Conductance (umho/cm) 19720	
☐ dms		☐ dd ☐ dms	Salinity (ppt) 11.75	Comments 1.4 depth 11 sechi		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/12/2020 Time 1300	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN G5SW0053		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.95	Total Res. Chlorine (mg/L)	A (B) TR
Site Name: Gulf of Mexico (Withlacoochee) #24		Temp (C) 19.8	pH 8.00	Sample Depth 0.3	Sp. Conductance (umho/cm) 30320	
☐ dms		☐ dd ☐ dms	Salinity (ppt) 18.81	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/12/20 Time 1320	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN G5SW0157DUP		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Total Res. Chlorine (mg/L)	A
Site Name: Gulf of Mexico (Withlacoochee) by Bar		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments DUP		

Relinquished By: B Paswater	Date/Time 2/12/20 4pm	Shipping Method Fed Ex	Number of Coolers Shipped: 1	Received By: Tyler Reynolds	Date/Time 02/13/2020 @ 10:33
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	SW-AEL-ENQ						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	SW-AEL-FC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3 to AEL
	SW-AEL-ENQ						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3 to AEL
	SW-AEL-FC						

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Crystal River, GOM- Withlacoochee

Customer: SW-DIST

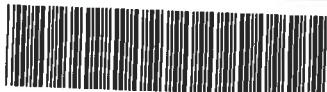
Requester: Judy Ashton

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: B Paswater, K Callahan, S Meyer

Sampling Agency: FDEP SW ROC

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/12/2020 Time 1115	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID/WIN G5SW0154 		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.97 ☐ mg/L 81.2 ☐ % sat	Total Res. Chlorine (mg/L) _____	B
Site Name: Crystal River 1		Temp (C) 21.9	pH 7.69	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 6476	
☐ dd ☐ dms		Salinity (ppt) 3.55	Comments 1.4 S			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/12/2020 Time 1100	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN G5SW0155 		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.07 ☐ mg/L 82.4 ☐ % sat	Total Res. Chlorine (mg/L) _____	B
Site Name: Crystal River 2		Temp (C) 22.0	pH 7.68	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 6009	
☐ dd ☐ dms		Salinity (ppt) 3.27	Comments 1.0 S			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/12/2020 Time 1045	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN G5SW0142 		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.06 ☐ mg/L 82.3 ☐ % sat	Total Res. Chlorine (mg/L) _____	B
Site Name: Crystal River at St. Martins Marsh		Temp (C) 22.1	pH 7.56	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 5610	
☐ dd ☐ dms		Salinity (ppt) 3.01	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/12/20 Time 1330	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
FIELD ID:  FB 02122020		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	A
LOCATION: Field_Blank		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
☐ dd ☐ dms		Salinity (ppt)	Comments Field Blank			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By: Tyler Reynolds	Date/Time 02/13/2020 @ 10:33
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-BR-IC					
	W-F					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SW-AEL-ENQ					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SW-AEL-FC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SW-AEL-ENQ					
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SW-AEL-FC					



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Environmental Laboratories, Inc.

☐ **Gainesville:** 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
☐ **Jacksonville:** 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐ **Tallahassee:** 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
☒ **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE	Analysis Required	Entero	Fecal	LABORATORY I.D. #
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: B5A496						
Phone: 813-470-5770		Project Address:						
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2020-02-10-25						
Sampled By:		Turn Around Time: ☒ STANDARD ☐ RUSH		Page: 1 of 2		☐ ADaPT ☐ EQUIS ☐ Other		

SAMPLE ID	SAMPLE DESCRIPTION	Grab DP	SAMPLING		MATRIX	NO. COUNT	PRE SER. VATI ON	1	2	3	4	5	6	7	8	9	10
			DATE	TIME													
Field ID/WIN G5SW0155 	Site Name: Crystal River 2		2/12/20	1100	SW	2			1	1							
Field ID/WIN G5SW0142 	Site Name: Crystal River at St. Martins Marsh								1	1							
Field ID/WIN G5SW0154 	Site Name: Crystal River 1								1	1							

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate);

Received on Ice ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received _____ (in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

Relinquished by:	Date	Time	Received by:	Date	Time
	2/12/20				

FOR DRINKING WATER USE:

PWS ID: _____



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☒ **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE						LABORATORY I.D. #
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: B5A496								
Phone: 813-470-5770		Project Address:								
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2020-02-10-25								
Sampled By:				Analysis Required						
Turn Around Time: ☒ STANDARD ☐ RUSH										
Page: 2 of 2		☐ ADaPT ☐ EQUIS ☐ Other		PRE SER- VATI ON						
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE TIME							

Field ID/WIN

G5SW0053



Site Name: **Gulf of Mexico (Withlacoochee) #24**

Field ID/WIN

G5SW0156



Site Name: **Gulf of Mexico (Withlacoochee) by Ramp**

Field ID/WIN

G5SW0157



Site Name: **Gulf of Mexico (Withlacoochee) by Bar**

Field ID/WIN **G5SW0157DUP**



Site Name: **Gulf of Mexico (Withlacoochee) by Bar**

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received _____ (in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

Relinquished by:	Date	Time	Received by:	Date	Time
1					

PWS ID: _____

FOR DRINKING WATER USE:

Date of Request: 14-JAN-2020
 Created By: ASHTON_J On: 14-JAN-2020
 Modified By: JASROTIA_P On: 21-JAN-2020
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: Crystal River, GOM- Withlacoochee

Send Coolers To:

Phone: 813-470-5772
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Judy Ashton

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 21-JAN-2020
 Biology Request Reviewed By: JASROTIA_P On: 21-JAN-2020
 Sampling Kit Required: YES Ship on: 31-JAN-2020
 Sampling Kit Shipped: YES On: 30-JAN-2020
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 10-FEB-2020
 Received By: REYNOLDS_T On: 13-FEB-2020

Send Final Report To:

FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Judy Ashton

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments:

Group A: Marine nutrients, Entero & Fecal
 Group b: Entero & Fecal

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-BR-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI	Number of Bottles: 3	Preserved With: ICE
SW-AEL-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by AEL in Tampa
Bottle Type: P-250ML-WI-THI	Number of Bottles: 3	Preserved With: ICE
SW-AEL-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by AEL in Tampa
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 3	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 3	Preserved With: ICE
SW-AEL-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by AEL in Tampa
Bottle Type: P-250ML-WI-THI	Number of Bottles: 3	Preserved With: ICE
SW-AEL-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by AEL in Tampa