

SMP: Highlands Creeks

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Maryann Dugan

Project ID: SMP

Collected By: Steven Cofone, Maryann Dugan

Sampling Agency: S ROC

Location RQ-2017-10-16-06 10/30/2017 WBID 3201K Fence Line Drain at Blue Head Ranch SE		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10-30-2017 Time 1320		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID G4SD103017-1 Field ID ▲		Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 6.2 mg/L 6.9 % sat		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
STORET # SC35382812 STORET ▼		Temp (C) 18.9		pH 6.7		Sample Depth 0.3 ft 0.3 m		Sp. Conductance (umho/cm) 87			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					
Location RQ-2017-10-16-06 10/30/2017 WBID 1857 Little Charley Bowlegs Ck, HHSP		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10-30-2017 Time 1005		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID G4SD103017-2 Field ID ▲		Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 3.4 mg/L 35 % sat		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
STORET # 25020548* STORET ▼		Temp (C) 10.2		pH 6.2		Sample Depth 0.3 ft 0.3 m		Sp. Conductance (umho/cm) 86			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					
Location RQ-2017-10-16-06 10/30/2017 WBID 1860A Josephine Creek just East of CR 17		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10-30-2017 Time 1145		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID G4SD103017-3 Field ID ▲		Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 7.5 mg/L 82 % sat		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
STORET # G4SD0104 STORET ▼		Temp (C) 20.		pH 6.5		Sample Depth 0.3 ft 0.3 m		Sp. Conductance (umho/cm) 113			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					
Location RQ-2017-10-16-06 10/30/2017 WBID 1932 Grassy Creek site 3 on 621 East		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10-30-2017 Time 1215		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID G4SD103017-4 Field ID ▲		Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 8.1 mg/L 92 % sat		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
STORET # 26010712FTM STORET ▼		Temp (C) 21.5		pH 7.5		Sample Depth 0.3 ft 0.3 m		Sp. Conductance (umho/cm) 151			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Maryann Dugan	10-30-2017, 1532	FEDEX	2	SR	10-31-17/10:05

Group: A	Bottle Type: P-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>5</u>
ALKALINITY					
TURBIDITY					
W-CL-IC					
W-COLOR					
W-F					
W-SO4-IC					
W-TDS					
W-TSS					

Group: A	Bottle Type: BP-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>5</u>
CHLSUITE-W					

Group: A	Bottle Type: P-500ML	# of Bottles: 6	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>5</u>
W-NH3					
W-NO2NO3					
W-S-A-TP					
W-TKN					
W-TOC					

Group: A	Bottle Type: P-125ML	# of Bottles: 6	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>5</u>
W-PO4-F					

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Collected By: Steven Lofone, Maryann Dugan

Sampling Agency: S ROC

Location	RQ-2017-10-16-06 10/30/2017 WBID 1761C Arbuckle Branch @ Arbuckle Creek Rd		 G4SD103017-5 Field ID STORET # 26010519* 		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10.30.2017 Time 1105	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2) A
Field ID	WBID 1761C		Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 7.5 mg/L 77 % sat		Total Res. Chlorine (mg/L)		
STORET #	Arbuckle Branch @ Arbuckle Creek Rd		Temp (C) 10.2		pH 6.8		Sample Depth 0.3 ft ☒ m		
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)		
STORET #			Temp (C)		pH		Sample Depth ☐ ft ☐ m		
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)		
STORET #			Temp (C)		pH		Sample Depth ☐ ft ☐ m		
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)		
STORET #			Temp (C)		pH		Sample Depth ☐ ft ☐ m		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Maryann Dugan	10.30.2017; 1532	FEDEX	2	SR	10.31.17/10:05

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					

Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					

Group: A	Bottle Type:	P-500ML	# of Bottles: 6	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: 6	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

Date of Request: 23-AUG-2017
 Created By: PASWATER_B On: 23-AUG-2017
 Modified By: WATTS_J On: 29-SEP-2017
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: SMP: Highlands Creeks

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901
 Attn: Ben Paswater

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901
 Attn: Ben Paswater

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 10-SEP-2017
 Biology Request Reviewed By: SWANSON_C On: 14-SEP-2017
 Sampling Kit Required: YES Ship on: 02-OCT-2017
 Sampling Kit Shipped: YES On: 28-SEP-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 16-OCT-2017
 Received By:

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

Comments: SMP: Highlands Creeks

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-1L	Number of Bottles: 6	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 6	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 6	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	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-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 6	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ-2017-1016-06

Shipping Method: Fedex

Date/Time of Receipt: 10.31.17/10:05

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
Yes	No	Yes	No	Yes	No		
Red	0.7	12		✓			
Red	-0.7	8		✓			

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

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

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

CONTAINER CHECK

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

**Caps on tight? Yes ☒ No ☐ **Containers intact? Yes ☒ No ☐

**Sufficient Sample Volume: Yes ☒ No ☐

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CI-R		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: SR

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☒ NA ☒ Init: SR

Coolers Unpacked/Checked by: SR Date: 10.31.17

NCRs (Y/N)? N

Event ID: SD-DIST-2017-10.31-01

NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	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

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ No ✓

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 _____

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: _____

Additional Comments:

10/30/17
COFONE -FTM SOROC
FL DDP / CHEM SEC
2600 BLAIRSTONE RD
TALLAHASSEE State FL ZIP 32399
Internal Billing Reference

Sample RECEIVING Phone 850 245-8085
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
TALLAHASSEE State FL ZIP 32399
0127857428
8119 7780 5557

10/30/17
COFONE -FTM SOROC
FL DDP / CHEM SEC
2600 BLAIRSTONE RD
TALLAHASSEE State FL ZIP 32399
Internal Billing Reference

Sample RECEIVING Phone 850 245-8085
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
TALLAHASSEE State FL ZIP 32399
0127857428
8119 7780 5546

4 Express Package Service *To most locations. Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day
☐ FedEx First Overnight
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight

2 or 3 Business Days
☐ FedEx 2Day A.M.
☐ FedEx 2Day
☐ FedEx Express Saver

5 Packaging *Declared value limit \$500.
☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.
☐ Saturday Delivery
☐ No Signature Required
☐ Direct Signature
☐ Indirect Signature
☒ Does this shipment contain dangerous goods?
☒ No ☐ Yes
☐ Dry Ice
☐ Cargo Aircraft Only

7 Payment Bill to:
Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check
Total Packages 2 Total Weight 59 lbs.
611

4 Express Package Service *To most locations. Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day
☐ FedEx First Overnight
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight

2 or 3 Business Days
☐ FedEx 2Day A.M.
☐ FedEx 2Day
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☒ No ☐ Yes
☐ Dry Ice
☐ Cargo Aircraft Only

7 Payment Bill to:
Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check
Total Packages 2 Total Weight 59 lbs.
611

4 Express Package Service *To most locations. Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day
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☒ FedEx Priority Overnight
☐ FedEx Standard Overnight

2 or 3 Business Days
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☐ Indirect Signature
☒ Does this shipment contain dangerous goods?
☒ No ☐ Yes
☐ Dry Ice
☐ Cargo Aircraft Only

7 Payment Bill to:
Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check
Total Packages 2 Total Weight 59 lbs.
611