

Florida Department of Environmental Protection
Central Laboratory Submittal Form

SMP: Lee County Streams

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Veronica Runge

Project ID: SMP

Collected By: Ben Paswater, Lorry Anderson, Veronica RungeSampling Agency: DEP SROL FTM

Location	RQ-2016-10-10-11 10/13/2016 3240I Manuel Branch upstream of weir	G3SD101316-1 Field ID STORET 28020249FTM	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/13/16 Time 900	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)	
Field ID	10/13/2016 3240I	G3SD101316-1 Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 4.2 52.0	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A	
STORET #	28020249FTM	28020249FTM	Temp (C) 24.9	pH 7.4	Sample Depth 0.3	Sp. Conductance (umho/cm) 709		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.34	Comments			
Location	RQ-2016-10-10-11 10/13/2016 3240I Carrell Canal below FMCC weir	G3SD101316-2 Field ID STORET 28020025	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/13/16 Time 0925	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID	10/13/2016 3240I	G3SD101316-2 Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.7 82.4	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A	
STORET #	28020025	28020025	Temp (C) 25.4	pH 7.6	Sample Depth 0.3	Sp. Conductance (umho/cm) 725		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.40	Comments			
Location	RQ-2016-10-10-11 10/13/2016 3240B1 Chapel Creek south of SR78	G3SD101316-3 Field ID STORET CALUSA0039FTM	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/13/16 Time 0945	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID	10/13/2016 3240B1	G3SD101316-3 Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 5.1 62.0	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A	
STORET #	CALUSA0039FTM	CALUSA0039FTM	Temp (C) 24.8	pH 7.3	Sample Depth 0.3	Sp. Conductance (umho/cm) 285		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.13	Comments			
Location	RQ-2016-10-10-11 10/13/2016 3240U Winkler Canal @ Princeton St.	G3SD101316-4 Field ID STORET G3SD0055	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/13/16 Time 0945	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID	10/13/2016 3240U	G3SD101316-4 Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 1.9 29.3	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A	
STORET #	G3SD0055	G3SD0055	Temp (C) 26.7	pH 7.4	Sample Depth 0.3	Sp. Conductance (umho/cm) 626		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.30	Comments HA, LVS, RPS -> Exotics dom.			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<u>Veronica Runge</u>	<u>10/13/16</u>	<u>Fed Ex</u>	<u>2</u>	<u>AR</u>	<u>10-13-16/10-10</u>

Group: A Bottle Type: P-1L # of Bottles: 8 Preservative: ICE Enter Number of Bottles Sent to Lab 6

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: A Bottle Type: BP-1L # of Bottles: 8 Preservative: ICE Enter Number of Bottles Sent to Lab 6

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 8 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 6

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: A Bottle Type: P-125ML # of Bottles: 8 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 0

W-PO4-F

SMP: Lee County Streams

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By:

Ben Paswater, Lucy Anderson, Veronica Runge

Sampling Agency:

Veronica Runge
DEP, SEOC FTM

Location	RQ-2016-10-10-11		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/13/16 Time 9:10	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	10/13/2016 32401	G3SD101316-DUP STORET 28020249FTM	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	Manuel Branch DUPLICATE		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments Duplicate		
Location	RQ-2016-10-10-11		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/13/16 Time 0825	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	10/13/2016	G3SDBLANK STORET Blank	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	Blank		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments Blank		
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	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)	
STORET #			Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Veronica Runge	10/13/16	FedEx	2	ARJ	10.14.16/10.10

Date of Request: 30-AUG-2016
 Created By: PASWATER_B On: 30-AUG-2016
 Modified By: MATTHEWS_D On: 21-SEP-2016
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: SMP: Lee County Streams

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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 19-SEP-2016
 Biology Request Reviewed By: MATTHEWS_D On: 21-SEP-2016
 Sampling Kit Required: YES Ship on: 29-SEP-2016
 Sampling Kit Shipped: YES On: 29-SEP-2016
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: NO
 Date to Receive Samples: 10-OCT-2016
 Received By: SHAIK_A On: 14-OCT-2016

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

Comments: SMP: Lee County Streams

Bottle Group A (Water) With 8 Samples:

Bottle Type: P-1L	Number of Bottles: 8	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-SO ₄ -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: 8	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 8	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-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 8	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ- 2016-10-10-11

Shipping Method: Fed Exp

Date/Time of Receipt: 10-14-16/10:10

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	
Red	2.1C	12		/			810412616698
Red	1.9C	12		/			810412616702

*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					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes / No NA Init: ABJ

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

Coolers Unpacked/Checked by: ATP Date: 10-14-16 NCRs (Y/N)? /

Event ID: SMP: Lee County Streams NCR #

SO-DIST-2016-10-14-01 (SMP)
Date Received: 14-OCT-2016 10:10

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: