

SMP: Lee County Creeks

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Danny Berger

Project ID: SMP

Collected By: BP DB

Sampling Agency: FDEP South

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-20-16 Time 1040	Eastern Central	Composite end Date — Time —	Bottle Group(s) (See pg 2)
RQ-2016-04-11-08 4/20/2016 3240I Manuel Branch upstream of weir		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.0mg/L 46%	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
G3SD04202016-1 Field ID STORET 28020249FTM		Temp (C) 22.5	pH 8.25	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 665
☐ dd ☐ dms		Salinity (ppt) —	Comments Total Depth: 0.5m Sechi: 0.5m S			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-20-16 Time 1110	Eastern Central	Composite end Date — Time —	Bottle Group(s)
RQ-2016-04-11-08 4/20/2016 3240B1 Chapel Creek south of SR78		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.5mg/L 60%	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
G3SD04202016-2 Field ID STORET CALUSA0039FTM		Temp (C) 21.3	pH 8.25	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 585
☐ dd ☐ dms		Salinity (ppt) —	Comments Total Depth: 0.5m Sechi: 0.5m S			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-20-16 Time 1200	Eastern Central	Composite end Date — Time —	Bottle Group(s)
RQ-2016-04-11-08 4/20/2016 3240U Winkler Canal @ Princeton St.		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 2.8 32%	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
G3SD04202016-3 Field ID STORET G3SD0055		Temp (C) 23.5	pH 8.15	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 865
☐ dd ☐ dms		Salinity (ppt) —	Comments Total Depth: 0.6m Sechi: 0.6m S			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-20-16 Time 1420	Eastern Central	Composite end Date — Time —	Bottle Group(s)
RQ-2016-04-11-08 4/20/2016 3258F Oak Creek @ Oak Creek Preserve		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.3mg/L 60%	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
G3SD04202016-4 Field ID STORET G3SD0056		Temp (C) 21.5	pH 8.15	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 744
☐ dd ☐ dms		Salinity (ppt) —	Comments Total Depth: 0.5m Sechi: 0.5m S			

Relinquished By: Danny Berger	Date/Time: 4-20-16 1600	Shipping Method: FedEx	Received By: [Signature]	Date/Time: 4-21-16 09:25	Relinquished By:	Date/Time:	Received By:	Date/Time:
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Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
ALKALINITY							
TURBIDITY							
W-CL-IC							
W-COLOR							
W-F							
W-SO4-IC							
W-TDS							
W-TSS							
Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
BOD-UNIN							
Group: A	Bottle Type:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
CHLSUITE-W							
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	7
W-NH3							
W-NO2NO3							
W-S-A-TP							
W-TKN							
W-TOC							
Group: A	Bottle Type:	P-125ML	# of Bottles: 7	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	7
W-PO4-F							

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Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Danny Berger

Project ID: SMP

Collected By: BP + DBSampling Agency: FDSP South

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4-20-16</u> Time <u>1400</u>	Eastern Central	Composite end Date <u>-</u> Time <u>-</u>	Bottle Group(s) (See pg 2)
RQ-2016-04-11-08 4/20/2016 3258F Oak Creek @ Kentucky St.		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Diss. Oxygen <u>6.8mg/L</u> <u>83%</u>	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L) <u>-</u>
G3SD04202016-5 Field ID STORET EVRGWC0098FTM		Temp (C) <u>24.6</u>	pH <u>8.05</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>5859</u>
☐ dd ☐ dms		Salinity (ppt) <u>-</u>	Comments <u>Total Depth: 1.0m Secchi: 1.0m S</u>			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4-20-16</u> Time <u>1500</u>	Eastern Central	Composite end Date <u>-</u> Time <u>-</u>	Bottle Group(s)
RQ-2016-04-11-08 4/20/2016 3278C Cocohatchee @ Wiggins Pass Rd. Above Dam		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>8.5mg/L</u> <u>106%</u>	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L) <u>-</u>
G3SD04202016-6 Field ID STORET EVRGWC0082FTM		Temp (C) <u>26.6</u>	pH <u>8.05</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>1044</u>
☐ dd ☐ dms		Salinity (ppt) <u>-</u>	Comments <u>Total Depth: 0.4m Secchi: 0.4m S</u>			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4-20-16</u> Time <u>1440</u>	Eastern Central	Composite end Date <u>-</u> Time <u>-</u>	Bottle Group(s)
RQ-2016-04-11-08 4/20/2016 3278C 3278C @ bridge by CVS on Old 41		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>2.6mg/L</u> <u>31%</u>	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L) <u>-</u>
G3SD04202016-7 Field ID STORET G1SD0051		Temp (C) <u>25.4</u>	pH <u>7.65</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>1039</u>
☐ dd ☐ dms		Salinity (ppt) <u>-</u>	Comments <u>Total Depth: 0.3m Secchi: 0.3m S</u>			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u>-</u> Time <u>-</u>	Eastern Central	Composite end Date <u>-</u> Time <u>-</u>	Bottle Group(s)
RQ-2016-04-11-08 4/20/2016 3240I Carrell Canal below FMCC weir		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G3SD42016-8 Field ID STORET 28020025		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
☐ dd ☐ dms		Salinity (ppt)	Comments <u>Did not sample, no flow</u>			

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
<u>Danny Berger</u>	<u>4-20-16/1600</u>	<u>Fedex</u>	<u>BPB</u>	<u>4-21-16</u>				

09-25

Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
ALKALINITY							
TURBIDITY							
W-CL-IC							
W-COLOR							
W-F							
W-SO4-IC							
W-TDS							
W-TSS							
Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
BOD-UNIN							
Group: A	Bottle Type:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
CHLSUITE-W							
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	7
W-NH3							
W-NO2NO3							
W-S-A-TP							
W-TKN							
W-TOC							
Group: A	Bottle Type:	P-125ML	# of Bottles: 7	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	7
W-PO4-F							

Date of Request: 03-MAR-2016
 Created By: PASWATER_B On: 03-MAR-2016
 Modified By: WATTS_J On: 17-MAR-2016
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: SMP: Lee County 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

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 17-MAR-2016
 Biology Request Reviewed By: SWANSON_C On: 16-MAR-2016
 Sampling Kit Required: YES Ship on: 01-APR-2016
 Sampling Kit Shipped: YES On: 30-MAR-2016
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: YES
 Date to Receive Samples: 11-APR-2016
 Received By: SHAIK_A On: 21-APR-2016

Send Final Report To:

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

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

Comments: SMP: Lee County Creeks: Manuels, Oak, Chapel, Winkler Canal

1 - case Sulfuric Acid

Bottle Group A (Water) With 7 Samples:

Bottle Type: P-1L	Number of Bottles: 7	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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: P-1L	Number of Bottles: 7	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 7	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: 7	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: 7	Preserved With: ICE-FLTR
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

RQ- 2016-04-11-08 Log-in Checklist

Shipping Method: FedEx

Date/Time of Receipt: 4-21-16/9:25

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	
BLUE	1.1C	12		✓			8099 47196115
Red	1.7C	8		✓			8099 47196137
Red	2.8C	8		✓			8099 47196126

*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:

Coolers Unpacked/Checked by: ABJ Date: 4-21-16 NCRs (Y/N)?

Event ID: SMP: Lee County Creeks NCR #
-SO-DIST-2016-04-21-01 (SMP)

Date Received: 21-APR-2016 09:25

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 – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes_____ No_____

Date and time samples preserved: _____

Additional Comments: