

Florida Department of Environmental Protection

Central Laboratory Submittal Form

SMP: SCI Brandy Branch

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

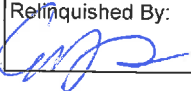
Project ID: SMP

Collected By: C. Anderson, B. Paswater, R. Murphy

Sampling Agency:

21 FLFTM

Location RQ-2016-10-31-76 11/3/2016 WBID 1939 Brandy Branch @ SR 70		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>11-3-16</u> Time <u>930</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
 SD110316-1 Field ID  STORET 25020425 *		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>7.8</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		<u>A/B</u>	
☐ dd ☐ dms		Temp (C) <u>21.4</u>		pH <u>7.4</u>		Sample Depth <u>0.2</u> ☐ ft ☒ m		Sp. Conductance (umho/cm) <u>926</u>			
☐ dd ☐ dms		Salinity (ppt)		Comments <u>please log M1-F4-Q10 as a separate event</u>							
Location RQ-2016-10-31-76 11/3/2016 Field Blank		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>11-3-16</u> Time <u>935</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
 blank Field ID STORET		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		<u>A</u>	
☐ dd ☐ dms		Temp (C)		pH		Sample Depth <u>0.2</u> ☐ ft ☒ m		Sp. Conductance (umho/cm)			
☐ dd ☐ dms		Salinity (ppt)		Comments <u>This is a duplicate, NOT A blank</u>							
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 <u>11-3-16 1200</u>	Shipping Method <u>Fedex</u>	Number of Coolers Shipped: <u>1</u>	Received By: 	Date/Time <u>11/4/16, 10:00</u>
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2016

Data Qualified?
Yes / No

STORET Station Name:

Date:

(mm/dd/yyyy)

STORET Station ID:

Latitude:

(Decimal Degrees)

WBID: RQ -

ORG ID:

Longitude:

(Decimal Degrees)

County:

Receiving Body of Water:

Field ID:

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Sampling Equipment		Collection Method				
☐ Sample Container		☐ Wading				
☐ Van Dorn		☐ From Shore				
☐ Syringe		☐ Other (note below)				
☐ Dipper		☐ Gasoline Motor				
☐ Pole		☐ Electric Motor				
☐ Other		☐ Canoe/Kayak				

Water Level: Dry / Low / Normal / High / Flooded		Matrix: Fresh / Marine / D		Tide Falling: Yes / No / NA	
Meter ID#		Photos: Yes / No		pH	
Sample Depth (m)		DO (mg/L)		DO (%SAT)	
Total Depth (m)		Salinity (ppt)		Secchi Disk (m)	
Time		Sp COND (umhos/cm)		Temp. (C°)	
EST		CEN			

Parameter Suite		Parameter Methods		Preservation		Acid Lot#		Expiration		pH Check	
Preserved Nutrients		TKN / TP / Nox / NH3 / TOC		Other		Ice		H2SO4		< 2	
Metals		W-ICPMS		W-ICP		Ice		HNO3		< 2	
Filtered Nutrients		OP		Field Filtered 0.45 um Filter		Ice					
Chlorophyll		CHL-SUTE-W				Ice					
BOD		BOD-INHB		BOD-UNIN		Ice					
Physical/Aggregate		TSS / Turbidity / Alkalinity / Color		Other		Ice					
Macroinvertebrates		MI-FW-QIDC				Ice					
Microbiology		E Coll		F Coll		Ice					
Periphyton		ALGAE-ID				Ice					
Pesticides		W-PC-AA-SF		W-PC-AA-TQ		Ice					
		W-A-HERB-AA		W-PYR-AA-R		Ice					
		W-GLYPH				Ice					
		Other				Ice					

Notes:		Signature:		Date:	
Place Label Here (If Available)					

Field Parameters Entered into LIMS: (Initials/Date)
Field Parameters QC in LIMS: (Initials/Date)
Field Sheets Scanned/Saved: (Initials/Date)
Date Migrated to STORET: (Initials/Date)

Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab
	W-PO4-F					
Group: B	Bottle Type:	PJ-2L	# of Bottles: 4	Preservative:	Formalin	Enter Number of Bottles Sent to Lab
	MI-FW-QLDC					

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m):		Field ID:	
Time: _____		Total Depth (m): _____		Field ID: _____	
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ ice ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☐ W-PQ4-F ☐ Field Filtered 0.45 µm Filter	☐ ice	Place Preservative Sticker(s) Here (If Available)	☐ ice	
Chlorophyll	☐ CHLSTUTE-W	☐ ice		☐ ice	
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHL-C / W-COLOR / W-SO4-IC / W-TDS	☐ ice		☐ ice	
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ ice		☐ ice	
Microbiology	☐ E Coll ☐ F Coll ☐ Entero ☐ qPCR	☐ ice		☐ ice	
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-UHERB-AA ☐ W-PC-AA-SF ☐ W-GLYPH	☐ W-PVR-AA-R ☐ W-GLYPH		☐ ice ☐ Other	

Blank

Time Zone: EST CEN		Field ID:		Location:	
Time: _____		Equipment ID		Equipment ID	
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ ice ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ ice			☐ < 2
Filtered Nutrients	☐ W-PQ4-F ☐ Field Filtered 0.45 µm Filter	☐ ice	Place Preservative Sticker(s) Here (If Available)	☐ ice	
Chlorophyll	☐ CHLSTUTE-W	☐ ice		☐ ice	
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHL-C / W-COLOR / W-SO4-IC / W-TDS	☐ ice		☐ ice	
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ ice		☐ ice	
Microbiology	☐ E Coll ☐ F Coll ☐ Entero ☐ qPCR	☐ ice		☐ ice	
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-UHERB-AA ☐ W-PC-AA-SF ☐ W-GLYPH	☐ W-PVR-AA-R ☐ W-GLYPH		☐ ice ☐ Other	

Notes:

Place Label Here
(If Available)

Signature: _____

Date: _____

Field Parameters Entered into LIMS: _____

(Initials/Date)

Field Parameters QC in LIMS: _____

(Initials/Date)

Field Sheets Scanned/Saved: _____

(Initials/Date)

Date Migrated to STORET: _____

(Initials/Date)

Date of Request: 27-OCT-2016
 Created By: PASWATER_B On: 27-OCT-2016
 Modified By: MATTHEWS_D On: 31-OCT-2016
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: SMP: SCI Brandy Branch

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: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 27-OCT-2016
 Biology Request Reviewed By: MATTHEWS_D On: 31-OCT-2016
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 31-OCT-2016
 Received By:

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: SCI Brandy Branch

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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: 2	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: 2	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: 2	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

Bottle Group B (Biological) With 2 Samples:

Bottle Type: PJ-2L	Number of Bottles: 4	Preserved With: Formalin
MI-FW-QLDC	Template: DEFAULT	(SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets.

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

RQ- 2016-10-31-76/25

Log-in Checklist

Shipping Method: FedexDate/Time of Receipt: 11/4/16, 10:00

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		Tracking # (fill out only if waybill copy is damaged)
			Present? Yes No	*Intact? Yes No	
<u>Rob</u>	<u>0.5°C</u>	<u>10</u>		☒	<u>8996 2134 0460</u>

*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: CR

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

Coolers Unpacked/Checked by: CR **Date:** 11/4/16 **NCRs (Y/N)?** N

Event ID: SO-DIST-2016-11-04-02 **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: