

Sally Ward Spring, East Drainage Ditch, Black Creek,
Eight Mile Pond, Godby Ditch and Central Drainage
Ditch

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: WQAP

Requester: Benjamin Ralys

Field Report Prepared By:

Curtis Mussen

Project ID: SMP

Collected By:

Ben Ralys

Sampling Agency:

FDEP

Location Black Creek upstream of Bloxham Cutoff		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 0833/3-1-16 Time 0833	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID GIWA0023	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 9.25	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STORET # GIWA0023	Temp (C) 11.83	pH 3.72	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	55
Latitude 30.27792	☒ dd ☐ dms	Longitude -84.3858	☒ dd ☐ dms	Salinity (ppt) 0.02	Comments SMP	
Location Sally Ward Spring at Wakulla Park DG		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-1-16 Time 0910	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID GIWA0021	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 3.51	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STORET # GIWA0021	Temp (C) 20.59	pH 7.45	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	338
Latitude 30.2414	☒ dd ☐ dms	Longitude -84.3109	☒ dd ☐ dms	Salinity (ppt) 0.16	Comments SMP	
Location Eight Mile Pond Middle		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-1-16 Time 1000	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID GIWA0024	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 8.49	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STORET # GIWA0024	Temp (C) 15.15	pH 7.16	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm)	86
Latitude 30.32635	☒ dd ☐ dms	Longitude -84.30273	☒ dd ☐ dms	Salinity (ppt) 0.04	Comments SMP	
Location East Drainage Ditch at Ridge Rd		☐ Comp ☐ Grab	Collection (comp begin or grab) Date 3/1/16 Time 10:55	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID GIWA0039	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 5.73	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A, B	
STORET # GIWA0039	Temp (C) 14.04	pH 6.81	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	117
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.05	Comments SMP	

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
Curtis Mussen	3-1-16 3:47PM	DEP OFF					SK	3-1-16/3:49

Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-NO2					
	W-TDS					
	W-TSS					

Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	BOD-UNIN					

Group: A	Bottle Type:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					

Group: A	Bottle Type:	P-500ML	# of Bottles: 7	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: 7	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab
	W-PO4-F					

Sally Ward Spring, East Drainage Ditch, Black Creek,
Eight Mile Pond, Godby Ditch and Central Drainage
Ditch

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Customer: WQAP

Requester: Benjamin Ralys

Field Report Prepared By:

Curtis Mussen

Project ID: SMP

Collected By:

Ben Ralys

Sampling Agency:

FDEP

Location Central Drainage Ditch Downstream of Orange Ave		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-1-16 Time 12:30	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID GIWA0026		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 10.52	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
STORET # GIWA0026		Temp (C) 16.31	pH 7.84	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 228
Latitude 30.41031	☒ dd ☐ dms	Longitude -84.03643	☒ dd ☐ dms	Salinity (ppt) 0.11	Comments SMP	
Location Godby Drainage Ditch at VEGA AVE.		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-1-16 Time 1400	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID GIWA0025		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 9.95	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
STORET # GIWA0025		Temp (C) 20.44	pH 7.77	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 184
Latitude 30.46341	☒ dd ☐ dms	Longitude -84.33479	☒ dd ☐ dms	Salinity (ppt) 0.09	Comments SMP	
Location Lake Lafayette Drain 250 Meters downstream of Weems Rd.		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-1-16 Time 15:25	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID GIWA0007		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 11.24	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
STORET # GIWA0007		Temp (C) 18.77	pH 7.52	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 110
Latitude 30.4544	☒ dd ☐ dms	Longitude -84.2204	☒ dd ☐ dms	Salinity (ppt) 0.05	Comments SMP	
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	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
Curtis Mussen	3-1-16	FDEP					S/K	3-1-16/3:48

Mussen 3:47 PM

Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-NO2					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	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: 7	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

Group B ALGAE-ID

Preservation
Ice

2 Bottles

Printed: 3/1/2016 3:51:22 PM

Page 1 of 1

Date of Request: 17-FEB-2016

Created By: RALYS_B On: 17-FEB-2016

Modified By: WATTS_J On: 18-FEB-2016

Customer: WQAP

Project: SMP

Division:

District:

Sampling Event: Sally Ward Spring, East Drainage Ditch, Black Creek, Eight Mile Pond, Godby Ditch and Central Drainage Ditch

Send Coolers To:

Phone: 850-245-8443

2600 Blair Stone Rd

MS #3560

Tallahassee, FL 32399-2400

Attn: Benjamin Ralys

Program Module Number:

Priority: 3

Event Status: S

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 18-FEB-2016

Biology Request Reviewed By: SWANSON_C On: 18-FEB-2016

Sampling Kit Required: YES Ship on: 25-FEB-2016

Sampling Kit Shipped: YES On: 23-FEB-2016

Sampling Kit Packed By: SHAIK_A

Preservatives Needed: NO

Date to Receive Samples: 01-MAR-2016

Received By:

Send Final Report To:

2600 Blair Stone Rd

MS #3560

Tallahassee, FL 32399-2400

Attn: Benjamin Ralys

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments:

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 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-NO ₂	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite in aqueous matrices as mg N/L
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 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: 7	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

RQ-2016-02-29-57

Log-in Checklist

Shipping Method: HDDate/Time of Receipt: 3-1-16 / 3:49

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	3.0	15		✓			
Blue	1.0	12		✓			
Red	2.0	5		✓			

*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: SK

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

Coolers Unpacked/Checked by: SK Date: 3-1-16

NCRs (Y/N)? N

Event ID: WQAP. 2016-03-01-02

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 – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes_____ No_____

Date and time samples preserved: _____

Additional Comments: