

Sally Ward Spring, Eight Mile Pond, Godby Ditch, Black Creek and Soapstone Branch

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Requester: Benjamin Ralys

Field Report Prepared By:

Curtis Mussen

Project ID: SMP

Collected By:

Curtis Mussen, Paul Blair

Sampling Agency:

FDEP

Location Godby Drainage Ditch at Vega DT.		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/23/2016 Time 0955	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID GIWA0025		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.41	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # GIWA0025		Temp (C) 24.97	pH 7.58	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 185
Latitude 30.46341	☒ dd ☐ dms	Longitude -84.33479	☐ dd ☐ dms	Salinity (ppt) 0.09	Comments	
Location Eight Mile Pond Middle		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/23/2016 Time 11:15	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID GIWA0024		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.51	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # GIWA0024		Temp (C) 27.62	pH 7.27	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 81
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.04	Comments	
Location Sally Ward Spring at Wakulla Park DT.		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/23/2016 Time 11:57	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID GIWA0021		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 3.26	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # GIWA0021		Temp (C) 20.78	pH 7.54	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 329
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.16	Comments	
Location Black Creek 100m upstream of Black Mt.		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/23/2016 Time 13:15	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID GIWA0023		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.77	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # GIWA0023		Temp (C) 23.31	pH 4.1	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 55
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.02	Comments	

Relinquished By:

Curtis Mussen

Date/Time

6/23/16

Shipping Method

Drop Off

Number of Coolers Shipped:

1

Received By:

RW

Date/Time

6/23/16/1520

15:15

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						
Group: B	Bottle Type:	PT-50ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALGAL_ID						
Group: C	Bottle Type:	PJ-2L	# of Bottles: 2	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	2
	MI-FW-QLDC						

Sally Ward Spring, Eight Mile Pond, Godby Ditch, Black Creek and Soapstone Branch

Central Laboratory Submittal Form

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Customer: WQAP

Requester: Benjamin Ralys

Field Report Prepared By: _____

Project ID: SMP

Collected By: _____

Sampling Agency: _____

Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time		Eastern Central	Composite end Date Time		Bottle Group(s) (See pg 2)	
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					
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 _____
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Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	
	W-PO4-F						
Group: B	Bottle Type:	PT-50ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALGAL_ID						
Group: C	Bottle Type:	PJ-2L	# of Bottles: 2	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	2
	MI-FW-QLDC						

Date of Request: 20-MAY-2016

Created By: RALYS_B On: 20-MAY-2016

Modified By: WATTS_J On: 07-JUN-2016

Customer: WQAP

Project: SMP

Division:

District:

Sampling Event: Sally Ward Spring, Eight Mile Pond, Godby Ditch, Black Creek and Soapstone Branch

Send Coolers To:

Phone: 850-245-8443

2600 Blair Stone Rd

MS #3560

Tallahassee, FL 32399-2400

Attn: Benjamin Ralys

Send Final Report To:

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: 23-MAY-2016

Biology Request Reviewed By: MATTHEWS_D On: 23-MAY-2016

Sampling Kit Required: YES Ship on: 03-JUN-2016

Sampling Kit Shipped: YES On: 06-JUN-2016

Sampling Kit Packed By: REYNOLDS_T

Preservatives Needed: NO

Date to Receive Samples: 20-JUN-2016

Received By:

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: Bottle Group A: freshwater kit no metals
 Bottle Group B: Algal
 Bottle Group C: SCI

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-1L	Number of Bottles: 5	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-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: 5	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: 5	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: 5	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

Bottle Group B (Biological) With 2 Samples:

Bottle Type: PT-50ML	Number of Bottles: 2	Preserved With: ICE
ALGAL_ID	Template: DEFAULT	(SOP-AB05) Qualitative assessment of algal taxa present without counts

Bottle Group C (Biological) With 1 Samples:

Bottle Type: PJ-2L	Number of Bottles: 2	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.

Log-in Checklist

RQ- 2016-06-06-56

Shipping Method: Hand Delivery

Date/Time of Receipt: 6/23/16/1525

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
Red	1.6°C	16		✓			N/A

*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: MB

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

Coolers Unpacked/Checked by: RLW Date: 6/23/16 NCRs (Y/N)? N

Event ID: WAPP-2014-06-23-05 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: