Request Number: RQ-2016-05-16-33

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

Customer: WQAP

Project ID: SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Requester: Benjamin Ralys

Field Report Prepared By: —

Collected By: —

Sampling Agency: —

Location: Sally Ward spring at Wakulla Park Dr.	☐ ~~Comp~~ ☑ Grab	Collection (comp begin or grab) Date 5/18/16 Time 9:55	Eastern Central	Composite end Date — Time —	Bottle Group(s) (See pg 2): A						
Field ID: GIWA0021	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 3.23 ☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —								
STORET #: GIWA0021	Temp (C) 20.72	pH 7.41	Sample Depth 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm) 333							
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.16	Comments —								
Location: Black Creek upstream of Blexham Cutoff	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 5/18/16 Time 9:20	Eastern Central	Composite end Date — Time —	Bottle Group(s): A						
Field ID: GIWA0023	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 1.04 ☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —								
STORET #: GIWA0023	Temp (C) 20.85	pH 5.74	Sample Depth 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm) 55							
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.02	Comments —								
Location: Eight Mile Pond Middle	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 5/18/16 Time 10:45	Eastern Central	Composite end Date — Time —	Bottle Group(s): A						
Field ID: GIWA0024	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 7.73 ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —								
STORET #: GIWA0024	Temp (C) 25.92	pH 7.15	Sample Depth 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm) 86							
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.04	Comments —								
Location: Godby Drainage Ditch at Vega Dr.	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 5/18/16 Time 13:18	Eastern Central	Composite end Date — Time —	Bottle Group(s): A, B.						
Field ID: GIWA0025	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 9.53 ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —								
STORET #: GIWA0025	Temp (C) 22.30	pH 7.75	Sample Depth 0.2 ☐ ft ☑ m	Sp. Conductance (umho/cm) 241							
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.12	Comments —								

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Justin Walther	5/18/16 2:05			SK	5-18-16/2:06

Group: A	Bottle Type:	P-1L	# of Bottles: 4	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: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						
Group: B	Bottle Type:	PT-50ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALGAL_ID						

RQ-2016-05-16-33

Date of Request: 26-APR-2016
Created By: RALYS_B On: 26-APR-2016
Modified By: SWANSON_C On: 26-APR-2016
Customer: WQAP
Project: SMP
Division:
District:
Sampling Event: Sally Ward Spring, Eight Mile Pond, Godby Ditch and Black Creek

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: 26-APR-2016
Biology Request Reviewed By: SWANSON_C On: 26-APR-2016
Sampling Kit Required: YES Ship on: 09-MAY-2016
Sampling Kit Shipped: YES On: 11-MAY-2016
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 18-MAY-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 A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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 Color (true)	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
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: 4	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: 4	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: 4	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 1 Samples:

Bottle Type: PT-50ML	Number of Bottles: 1	Preserved With: ICE
ALGAL_ID	Template: DEFAULT	(SOP-AB05) Qualitative assessment of algal taxa present without counts

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

Log-in Checklist

RQ: 2016-05-16-33

Shipping Method: HD

Date/Time of Receipt: 5-18-16/2:06

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	1.4	17		✓			

*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:** 5-18-16 **NCRs (Y/N)?** N

Event ID: WQAP.2016-05-18-03 **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: