Log-in Checklist

RQ-2018-03-26-24

Shipping Method: FedEx | UPS | HD | Greyhound | _____ Date/Time of Receipt: 3-29-18 13:48

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	2.1C	24		✓			
Red	1.9C	17		✓			
Red	1.4C	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____

Micro-Biology Overflow 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-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA____ Init: ASK

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: ____

Coolers Unpacked/Checked by: ASK Date: 3-29-18 NCRs (Y/N)? ____

Event ID: Quincy, Little, Black, Juniper WAS-SECT-2018-03-29-01 (SMP) Date Received: 29-MAR-2018 13:48 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:

Request Number: RQ-2018-03-26-24

Quincy, Little, Black, Juniper

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Ben Rabys, Will Lasley

Field Report Prepared By: Ben Rabys, Will Lasley

Sampling Agency: FDEP

Location: Little River 100 meters upstream of US 90

WIN ID/Filed ID: G1WA0073

Field ID:

WIN/STORET #:

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/29/18 Time 0828 (Eastern / Central) | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 113.6 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 16.94 | pH 6.6 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 89

Latitude 30.554619 ☒ dd ☐ dms | Longitude -84.513191 ☒ dd ☐ dms | Salinity (ppt) 0.04 | Comments

Bottle Group(s) (See pg 2): A, B

Location: Quincy Creek 100 meters upstream of Ralph Strong Rd

WIN ID / FIELD ID: G1WA0018

Field ID:

WIN/STORET #:

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/29/18 Time 0910 (Eastern / Central) | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 119.2 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 15.35 | pH 6.81 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 69

Latitude 30.5837 ☒ dd ☐ dms | Longitude -84.5503 ☒ dd ☐ dms | Salinity (ppt) 0.03 | Comments

Bottle Group(s): A, B, C, E

Location: Quincy Creek upstream of SR 267

WIN ID / Field ID: G1WA0050

Field ID:

WIN/STORET #:

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/29/18 Time 1008 (Eastern / Central) | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 119.2 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 15.57 | pH 6.81 | Sample Depth 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm) 61

Latitude 30.600 ☒ dd ☐ dms | Longitude -84.581 ☒ dd ☐ dms | Salinity (ppt) 0.03 | Comments

Bottle Group(s): A, B, C, E

Location: Quincy Creek upstream of SR 65

WIN ID / Filed ID: G1WA0049

Field ID:

WIN/STORET #:

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/29/18 Time 0942 (Eastern / Central) | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 120.0 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 15.38 | pH 6.95 | Sample Depth 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm) 65

Latitude 30.599 ☒ dd ☐ dms | Longitude -84.576 ☒ dd ☐ dms | Salinity (ppt) 0.03 | Comments

Bottle Group(s): A, B, C, E

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
WL/BR	3/29/18 1348				3-29-18 1315

Group	Bottle Type		# of Bottles	Preservative		Enter Number of Bottles Sent to Lab
A	Bottle Type:	P-1L	# of Bottles: 6	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					
A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ECOLI-18QT					
A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					
C	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					
D	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
E	Bottle Type:	QPCR-P-250ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
	PCR-HF183					

Request Number: RQ-2018-03-26-24

Quincy, Little, Black, Juniper

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Ben Raley, Will Lasley

Field Report Prepared By: Ben Raley, Will Lasley

Sampling Agency: FDEP

Location: Juniper Creek Upstream of Juniper Creek Rd

WIN ID / FIELD ID: G1WA0059

Field ID:

WIN/STORET #:

Latitude: 30.531 ☒ dd ☐ dms

Longitude: -84.736 ☒ dd ☐ dms

☐ Comp ☒ Grab

Collection (comp begin or grab) Date: 3/29/18 Time: 1058 Eastern / Central

Composite end Date: — Time: —

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 71.0 ☐ mg/L ☒ % sat

Total Res. Chlorine (mg/L): —

Temp (C): 17.49

pH: 5.62

Sample Depth: 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm): 70

Salinity (ppt): 0.03

Comments:

Bottle Group(s) (See pg 2): A, C, D

Location: Black Creek upstream of Bloxham Cutoff

WIN ID / Field ID: G1WA0023

Field ID:

WIN/STORET #:

Latitude: 30.27792 ☒ dd ☐ dms

Longitude: -84.3858 ☒ dd ☐ dms

☐ Comp ☒ Grab

Collection (comp begin or grab) Date: 3/29/18 Time: 1255 Eastern / Central

Composite end Date: — Time: —

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 105.5 ☐ mg/L ☒ % sat

Total Res. Chlorine (mg/L): —

Temp (C): 17.35

pH: 3.33

Sample Depth: 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm): 59

Salinity (ppt): 0.03

Comments:

Bottle Group(s): A

Location:

Field ID:

WIN/STORET #:

Latitude: ☐ dd ☐ dms

Longitude: ☐ dd ☐ dms

☐ Comp ☐ Grab

Collection (comp begin or grab) Date: Time: Eastern / Central

Composite end Date: Time:

Matrix (type, e.g., Salt, Fresh, etc):

Diss. Oxygen: ☐ mg/L ☒ % sat

Total Res. Chlorine (mg/L):

Temp (C):

pH:

Sample Depth: ☐ ft ☒ m

Sp. Conductance (umho/cm):

Salinity (ppt):

Comments:

Bottle Group(s):

Location:

Field ID:

WIN/STORET #:

Latitude: ☐ dd ☐ dms

Longitude: ☐ dd ☐ dms

☐ Comp ☒ Grab

Collection (comp begin or grab) Date: 3/29/18 Time: Eastern / Central

Composite end Date: Time:

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: ☐ mg/L ☒ % sat

Total Res. Chlorine (mg/L):

Temp (C):

pH:

Sample Depth: ☐ ft ☒ m

Sp. Conductance (umho/cm):

Salinity (ppt):

Comments:

Bottle Group(s):

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
WL BR	3/29/18 1348				3-29-18 1713-48

Group	Bottle Type	# of Bottles	Preservative	Enter Number of Bottles Sent to Lab
A	P-1L	6	ICE	
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS				
A	BP-1L	6	ICE	
CHLSUITE-W				
A	P-250ML-WO-THI	6	ICE	
ECOLI-18QT				
A	P-500ML	6	ICE And H2SO4	
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC				
A	P-125ML	6	FILTER-ICE	
W-PO4-F				
B	P-500ML	4	HNO3	
W-ICP W-ICPMS				
C	BG-500ML	4	ICE	
W-E8321-DI W-E8321-MS				
D	QPCR-P-250ML	2	ICE	
PCR-FILTER				
E	QPCR-P-250ML	6	ICE	
PCR-FILTER PCR-HF183				

RQ-2018-03-26-24

Date of Request: 26-FEB-2018
Created By: MUSSON_C On: 26-FEB-2018
Modified By: SWANSON_C On: 12-MAR-2018
Customer: WAS-SECT
Project: SMP
Division: Division of Environmental Assessment and Restoration
District:
Sampling Event: Quincy, Little, Black, Juniper

Send Coolers To:

Phone: 850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399
Attn: Curtis Musson

Send Final Report To:

2600 Blair Stone Rd

Tallahassee, FL 32399
Attn: Curtis Musson

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 12-MAR-2018
Biology Request Reviewed By: SWANSON_C On: 12-MAR-2018
Sampling Kit Required: YES Ship on: 20-MAR-2018
Sampling Kit Shipped: YES On: 20-MAR-2018
Sampling Kit Packed By: REAVES_S
Preservatives Needed: NO
Date to Receive Samples: 28-MAR-2018
Received By: SHAIK_A On: 29-MAR-2018

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

Comments:
Group A: Freshwater Kit, E.coli
Group B: Metals
Group C: Tracers
Group D: PCR-FILTER
Group E: PCR-HF183, PCR-FILTER

Packing Notes
No FedEx labels
No Trash Bags
2 Submital Forms

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-1L		Number of Bottles: 6	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: BP-1L		Number of Bottles: 6	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	
Bottle Type:		Number of Bottles: 6	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems	
Bottle Type: P-500ML		Number of Bottles: 6	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	

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-500ML Number of Bottles: 6 Preserved With: ICE And H2SO4

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: 6 Preserved With: FILTER-ICE

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 (Water) With 4 Samples:

Bottle Type: P-500ML Number of Bottles: 4 Preserved With: HNO3

W-ICP Template: (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

- Calcium
- Chromium
- Iron
- Magnesium
- Nickel
- Potassium
- Sodium
- Zinc

W-ICPMS Template: (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

- Arsenic
- Cadmium
- Copper
- Lead
- Silver

Bottle Group C (Water) With 4 Samples:

Bottle Type: BG-500ML Number of Bottles: 4 Preserved With: ICE

W-E8321-DI	Template: SUCRALOSE	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group D (Water) With 1 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 2 Preserved With: ICE

PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Group E (Water) With 3 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 6 Preserved With: ICE

PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

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