



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

PH
Data Qualified?

Yes No

WIN Station Name: Quincy Creek 100 meters upstream of Ralph Strong Rd.

Date: 6/13/2018

WIN/ Field ID: G1WA0018

WBID: 1303A

Latitude: 30.5837

(mm/dd/yyyy)

County: Gadsden

ORG ID: 21FLWQA

Longitude: -84.5503

(Decimal Degrees)

Receiving Body of Water: Little River

RQ-2018- 06-11-30

(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Ben Ralys						X	X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole		
Will Lasley					X		X			☐ Carboy	☒ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with <u>meter stick</u>				
										Equipment ID				
Collection Method														
										☒ Wading	☐ Canoe/Kayak			
										☐ From Shore	☐ Electric Motor			
										☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded					Meter ID# Biology #2					Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes <u>No</u> Flow: No Flow / Intestinal <u>Flowing</u> / NA					Tide: Rising/ Falling/ Slack <u>NA</u>					Tide Times: High NA Low NA				
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)				
EST	1158	0.5	0.25	VOB	8.52	100.3	6.71	0.03	63	23.55				
CEN														
Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other:														
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#: <u>2000490</u>														
Parameter Suite	Parameter Methods						Preservation	Lot#	Expiration	pH Check				
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP						☒ Ice ☒ H2SO4	<u>SA8085170</u>	<u>3/26/19</u>	☒ <2				
Metals	☒ W-ICPMS ☒ W-ICP						☒ Ice ☒ HNO3	<u>7261120</u>	<u>9/18/18</u>	☒ <2				
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter						☒ Ice	<u>10827054</u>						
Chlorophyll	☒ CHLSUITE-W						☒ Ice							
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS						☒ Ice							
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY						☐ Ice							
Macroinvertebrates	☐ MI-FW-QLDC						☐ Formalin							
Periphyton	☐ ALGAE-ID						☐ Ice							
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci						☒ Ice							
Molecular	☒ PCR-FILTER ☒ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD						☒ Ice							
Tracers	☒ W-SUC-AA-R ☒ W-UHERB-AA ☒ W-AHERB-AA						☒ Ice							
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA						☐ Ice							
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R						☐ Other							

Notes:

Kit-C, Bacteria
Tracers, Markers
(PCR-Filter & PCR-HF183)

Quincy Creek
100 meters
upstream of
Ralph Strong Rd

WIN ID / FIELD ID



G1WA0018

Signature:

Ben Ralys

Date:

6/15/18

Enter Field Parameters, Verify Station ID In LIMS DMT: 6/15/18

QC Station ID, Field Parameters In LIMS DMT: CN 6-18-18

Scan/Save Field Sheets CN 6-18-18

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

boldly "X" this box if there is qualified data on this page.

Meter ID: Biology #2

RQ- 2018-06-11-30

Project: SMP

P4

- Notes: (1) Always wait for meter to stabilize before recording any readings.
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site _____

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification _____

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Ben Ralys	6/13/18	7:01	22.33	8.69	8.69	100.0	66.5	—	(P) F	(L) F
ICV	Ben Ralys	6/13/18	7:03	22.32	8.69	8.69	100.0	66.5	—	(P) F	(L) F
CCV	Will Lasley	6/13/18	14:20	25.97	8.12	8.38	103.2	68.6	—	(P) F	(L) F
CCV										P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Ben Ralys	6/13/18	7:04	171005D	10/2018	1,000	1,000	(P) F	(L) F
ICV	Ben Ralys	6/13/18	7:05	171005D	10/2018	1,000	1,000	(P) F	(L) F
CCV	Will Lasley	6/13/18	14:24	180326A	04/2019	100	100	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Ben Ralys	6/13/18	7:09	171005B	4/2019	7.0	6.98	21.4	(P) F	(L) F
Calibr.	Ben Ralys	6/13/18	7:11	180326C	4/2019	4.0	4.00	197.4	(P) F	(L) F
Calibr.	Ben Ralys	6/13/18	7:14	171005C	4/2019	10.0	9.95	-141.2	(P) F	(L) F
ICV	Ben Ralys	6/13/18	7:16	171005C	4/2019	10.0	9.93	-140.4	(P) F	(L) F
CCV	Will Lasley	6/13/18	14:26	180326C	04/2019	4.0	3.79	206.7	P / F	L / F
CCV									P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value meters	Pass / Fail	Lab / Field
Pressure mode in air						P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Ben Rabbs, Will Lasley

Project ID: SMP

Collected By: Ben Rabbs, Will Lasley

Sampling Agency: FDEP

Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Unnamed Run		1045		Fresh		89.6		A	
Field ID		G1WA00078		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
WIN/STORET #				Temp (C)		pH		Sample Depth	
Latitude		30.534138		21.12		3.98		0.125	
Longitude		-84.774916		Salinity (ppt)		0.01		Sp. Conductance (umho/cm)	
Comments									
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Whittle Run		DID NOT SAMPLE		Fresh				A	
Field ID		G1WA00079		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
WIN/STORET #				Temp (C)		pH		Sample Depth	
Latitude				Salinity (ppt)				Sp. Conductance (umho/cm)	
Comments									
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Big Branch 50 meters upstream of CF 67		0945		Fresh		87.8		C	
Field ID		G1WA00001		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
WIN/STORET #				Temp (C)		pH		Sample Depth	
Latitude		30.3110		21.58		5.96		0.3	
Longitude		-84.7651		Salinity (ppt)		0.01		Sp. Conductance (umho/cm)	
Comments									
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Freeman Creek upstream of SR 267 (Bloxharn Cutoff)		900		Fresh		76.3		A	
Field ID		G1WA00010		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
WIN/STORET #				Temp (C)		pH		Sample Depth	
Latitude		30.3887		22.20		3.89		0.3	
Longitude		-84.5844		Salinity (ppt)		0.02		Sp. Conductance (umho/cm)	
Comments									

Relinquished By: Ben Rabbs

Date/Time: 6/13/18

Shipping Method: hand Delivered

Number of Coolers Shipped: 3

Received By: [Signature]

Date/Time: 6/13/18 14:1

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Ben Ralys, Will Laskey

Project ID: SMP

Collected By: Ben Ralys, Will Laskey

Sampling Agency: FDEP

Location		WIN ID / Filed ID G1WA0073		Collection (comp begin or grab) Date 6/13/18 Time 1230		Composite end Date — Time —		Bottle Group(s) (See pg 2)	
Field ID Little River		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 91.4		mg/L Total Res. Chlorine —		A	
WIN/STORET # 100 meters upstream of US 90		Temp (C) 23.89		pH 6.74		Sample Depth 0.3		Sp. Conductance (umho/cm) 73	
Latitude 30.554619		Longitude -84.513191		Salinity (ppt) 0.03		Comments			
Location		WIN ID / FIELD ID		Collection (comp begin or grab) Date 6/13/18 Time 1158		Composite end Date — Time —		Bottle Group(s)	
Field ID Quincy Creek		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 100.3		mg/L Total Res. Chlorine —		A, B	
WIN/STORET # 100 meters upstream of Ralph Strong Rd		Temp (C) 23.55		pH 6.71		Sample Depth 0.25		Sp. Conductance (umho/cm) 63	
Latitude 30.5837		Longitude -84.5503		Salinity (ppt) 0.03		Comments			
Location		WIN ID / Filed ID		Collection (comp begin or grab) Date 6/13/18 Time 1130		Composite end Date — Time —		Bottle Group(s)	
Field ID Quincy Creek		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 97.3		mg/L Total Res. Chlorine —		A, B	
WIN/STORET # upstream of SR 65		Temp (C) 23.15		pH 6.52		Sample Depth 0.2		Sp. Conductance (umho/cm) 59	
Latitude 30.599		Longitude -84.576		Salinity (ppt) 0.03		Comments			
Location		WIN ID / FIELD ID		Collection (comp begin or grab) Date 6/13/18 Time 1028		Composite end Date — Time —		Bottle Group(s)	
Field ID Juniper Creek		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 54.3		mg/L Total Res. Chlorine —		A	
WIN/STORET # Upstream of Juniper Creek Rd		Temp (C) 22.48		pH 5.81		Sample Depth 0.3		Sp. Conductance (umho/cm) 82	
Latitude 30.531		Longitude -84.736		Salinity (ppt) 0.04		Comments			

Relinquished By: Ben Ralys	Date/Time 6/13/18	Shipping Method hand Delivered	Number of Coolers Shipped: 3	Received By: 	Date/Time 6/15/18
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Group: C	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	J
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1