



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Juniper Creek upstream of Juniper Creek Rd.

Date: 6/13/2018
(mm/dd/yyyy)

WIN/ Field ID: G1WA0059

WBID: 682

Latitude: 30.531

County: Gadsden

ORG ID: 21FLWQA

Longitude: -84.736

Receiving Body of Water: Telogia Creek

RQ-2018- 06-11-30

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Ben Ralys						X	X	X	X
Will Lasley					X				

Sampling Equipment			
☒ Sample Container	☐ Van Dorn	☐ Pole	
☐ Carboy	☒ Syringe		
☐ Dipper	☐ Other		
Depth Measured with <u>Sechi</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# <u>Biology #2</u>				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 <u>NA</u> Low NA											
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)	
EST	<u>1028</u>	<u>1.0</u>	<u>0.3</u>	<u>0.8</u>	<u>4.71</u>	<u>54.3</u>	<u>5.81</u>	<u>0.04</u>	<u>82</u>	<u>22.48</u>	
CEN											

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#: 2000492

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>SA7341020</u>	<u>12/7/18</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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

WIN ID / FIELD ID



G1WA0059

Notes:

Kit-C, FW Bacteria

Juniper Creek
Upstream of
Juniper Creek Rd

Signature: [Signature]

Date: 6/15/18

Enter Field Parameters, Verify Station ID In LIMS DMT: 882 6/15/18

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

Scan/Save Field Sheets Cm 6-18-18
(Initials/Date)

Migrate Data to WIN: _____
(Initials/Date)

Verify Data In WIN: _____
(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

- 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	1420	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	1424	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	1426	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 Rabers, Will Lasley

Project ID: SMP

Collected By: Ben Rabers, Will Lasley

Sampling Agency: FDEP

Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Unnamed Run		WIN ID / Field ID		Date 6/13/18 Time 1045		Date		(See pg 2)	
Upstream of Henrietta Dr		G1WA00078		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
WIN/STORET #				Fresh		89.6		-	
Latitude 30.534138		Longitude -84.774916		Temp (C) 21.12		pH 3.98		Sample Depth 0.125	
Salinity (ppt) 0.01		Comments		Temp (C)		pH		Sp. Conductance (umho/cm) 29	
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Whittle Run		WIN ID / Field ID		Date 6/13/18 Time		Date		(See pg 2)	
Upstream of CR 67		G1WA00079		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
WIN/STORET #				Fresh		87.8		-	
Latitude 30.3110		Longitude -84.7651		Temp (C) 21.58		pH 5.96		Sample Depth 0.3	
Salinity (ppt) 0.01		Comments		Temp (C)		pH		Sp. Conductance (umho/cm) 34	
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Freeman Creek upstream of SR 267 (Bloxhain Cutoff)		WIN ID / Field ID		Date 6/13/18 Time 900		Date		(See pg 2)	
WIN/STORET #		G1WA00010		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Latitude 30.3887		Longitude -84.5844		Fresh		76.3		-	
Salinity (ppt) 0.02		Comments		Temp (C) 22.20		pH 3.89		Sample Depth 0.3	
Sp. Conductance (umho/cm) 52				Temp (C)		pH		Sp. Conductance (umho/cm)	

Relinquished By: Ben Rabers	Date/Time: 6/13/18	Shipping Method: hand Delivered	Number of Coolers Shipped: 3	Received By: [Signature]	Date/Time: 6/13/18
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Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Ben Rabas, Will Lasley

Project ID: SMP

Collected By: Ben Rabas, Will Lasley

Sampling Agency: FDEP

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

Relinquished By: Ben Rabas	Date/Time 6/13/18	Shipping Method had Delivered	Number of Coolers Shipped: 3	Received By: [Signature]	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	9
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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
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