



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

DATA QUALIFIED?

Yes ☒ No ☐

WIN Station Name: Little River 100 meters upstream of US 90

Date: 6/13/2018

WIN/ Field ID: G1WA0073

WBID: 424

Latitude: 30.554619

(mm/dd/yyyy)

County: Gadsden

ORG ID: 21FLWQA

Longitude: -84.513191

(Decimal Degrees)

Receiving Body of Water: Lake Talquin

RQ-2018- 06-11-30

(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Ben Ralys										☒ Sample Container	☐ Van Dorn	☐ Pole		
Will Lasley										☐ Carboy	☒ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with <u>guchi</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 ☒ No ☐ 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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)				
EST	1230	1.4	0.3	0.1	7.70	91.4	6.74	0.03	73	23.89				
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>2000489</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>9/8/18</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-CI-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								

Contains: 1:1 H2SO4
Lot No.: SA8085170
Expires: 03/26/19
See Safety Data Sheet (SDS)

Contains: 1:1 H2SO4
Lot No.: NA-7261120
EXP: 09/18/18
See SDS

Notes:
Kit C
FW Bact

Little River
100 meters
upstream of US 90

WIN ID/Filed ID

G1WA0073

Signature:

Date:

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

QC Station ID, Field Parameters in LIMS DMT: CM 6-15-18

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(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

- 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

Project ID: SMP

Requester: Curtis Musson

Collected By:

Field Report Prepared By: Ben Rabbs, Will Laskey

Sampling Agency: FDEP

Location		Unnarned Run		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN ID / Field ID	Date 6/13/18		Time 1045		Date		Time	
WIN/STORET #	g1WA00078	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 89.6		mg/L Total Res. Chlorine		(See pg 2)	
Latitude 30.534138	Longitude -84.774916	Temp (C) 21.12		pH 3.98		Sample Depth 0.125		Sp. Conductance (umho/cm) 29	
Salinity (ppt) 0.01		Comments						A	
Location		Whittle Run		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN ID / Field ID	Date 6/13/18		Time		Date		Time	
WIN/STORET #	g1WA00079	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		(See pg 2)	
Latitude	Longitude	Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Salinity (ppt)		Comments		DID NOT SAMPLE				A	
Location		Big Branch 50		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN ID / Field ID	Date 6/13/18		Time 0945		Date		Time	
WIN/STORET #	g1WA00001	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 87.8		mg/L Total Res. Chlorine		(See pg 2)	
Latitude 30.3110	Longitude -84.7651	Temp (C) 21.58		pH 5.96		Sample Depth 0.3		Sp. Conductance (umho/cm) 34	
Salinity (ppt) 0.01		Comments						C	
Location		Freeman Creek upstream		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN ID / Field ID	Date 6/13/18		Time 900		Date		Time	
WIN/STORET #	g1WA00010	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 76.3		mg/L Total Res. Chlorine		(See pg 2)	
Latitude 30.3887	Longitude -84.5844	Temp (C) 22.20		pH 3.89		Sample Depth 0.3		Sp. Conductance (umho/cm) 52	
Salinity (ppt) 0.02		Comments						A	

Relinquished By: Ben Rabbs

Date/Time 6/13/18

Shipping Method hand Delivered

Number of Coolers Shipped: 3

Received By:

Date/Time 6/13/18

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		WIN ID / Filed ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/STORET #	Latitude	Longitude	Matrix (type, e.g., Salt, Fresh, etc)	Date	Time	Diss. Oxygen	Total Res. Chlorine	(See pg 2)
Field ID	WIN/STORET #	Latitude	Longitude	Matrix (type, e.g., Salt, Fresh, etc)	Date	Time	Diss. Oxygen	Total Res. Chlorine	(See pg 2)
Little River 100 meters upstream of US 90		30.554619	-84.513191	Fresh	6/13/18	1230	91.4	73	A
Quincy Creek 100 meters upstream of Ralph Strong Rd		30.5837	-84.5503	Fresh	6/13/18	1158	100.3	63	A, B
Quincy Creek upstream of SR 65		30.599	-84.576	Fresh	6/13/18	1130	97.3	59	A, B
Juniper Creek Upstream of Juniper Creek Rd		30.531	-84.736	Fresh	6/13/18	1028	54.3	82	A

Relinquished By: Ben Rabas	Date/Time: 6/13/18	Shipping Method: hand 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	1
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