



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

April 2018

Data Qualified?

Yes No

WIN Station Name: Freeman Creek upstream of SR 267 (Bloxxham Cutoff)

Date: 6/13/18

WIN/ Field ID: G1WA0010

WBID: 954

Latitude: 30.3887

(mm/dd/yyyy)

County: Leon

ORG ID: 21FLWQA

Longitude: -84.5844

(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							X	X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole		
Will Lasley						X	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 <u>NA</u> Low <u>NA</u>					
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°)					
<u>EST</u>	900	0.4	0.3	10B	6.65	76.3	3.89	0.02	52	22.20					
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>2008488</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>SA7341020</u>	<u>12/7/18</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-CH-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 Coll ☐ F Coll ☐ Enterococci					☒ Ice									
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD					☐ Ice									
Tracers	☐ W-E8321-DI ☐ W-E8321-MS					☐ Ice									
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI					☐ Ice									
	☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA					☐ Other									

Contains: 1.1 H2SO4
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)

Contains: 1:1 Nitric Acid
NA-7261120
EXP: 09/18/18
See SDS

Notes:

Kit-C, Bacteria

Freeman Creek upstream
of SR 267
(Bloxxham Cutoff)

WIN ID / Field ID



G1WA0010

Signature:

[Signature]

Date:

6/15/18

Enter Field Parameters, Verify Station ID In LIMS DMT:

6/15/18

QC Station ID, Field Parameters In LIMS DMT:

CM 6-18-18

Scan/Save Field Sheets

CM 6-18-18

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

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

~~boldly "X" this box and the 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:

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Ben Rabbs, Will Lasley

Project ID: SMP

Collected By:

Sampling Agency: FDEP

Location		Unnamed 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		mg/L		Total Res. Chlorine (mg/L)	
Latitude	30.534138	Temp (C) 21.12		pH 3.98		Sample Depth 0.125		Sp. Conductance (umho/cm) 29	
Longitude	-84.774916	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 (mg/L)	
Latitude	30.3110	Temp (C) 21.58		pH 5.96		Sample Depth 0.3		Sp. Conductance (umho/cm) 34	
Longitude	-84.7651	Salinity (ppt) 0.01		Comments				C	
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		mg/L		Total Res. Chlorine (mg/L)	
Latitude	30.3110	Temp (C) 21.58		pH 5.96		Sample Depth 0.3		Sp. Conductance (umho/cm) 34	
Longitude	-84.7651	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		mg/L		Total Res. Chlorine (mg/L)	
Latitude	30.3887	Temp (C) 22.20		pH 3.89		Sample Depth 0.3		Sp. Conductance (umho/cm) 52	
Longitude	-84.5844	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 Rabe, Will Lasley

Project ID: SMP

Collected By: Ben Rabe, 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
Latitude 30.554619 ☒ dd ☐ dms Longitude -84.513191 ☒ dd ☐ dms		Temp (C) 23.89	pH 6.74	Sample Depth 0.3	ft 0.3	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
Latitude 30.5837 ☒ dd ☐ dms Longitude -84.5503 ☒ dd ☐ dms		Temp (C) 23.55	pH 6.71	Sample Depth 0.25	ft 0.25	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
Latitude 30.599 ☒ dd ☐ dms Longitude -84.576 ☒ dd ☐ dms		Temp (C) 23.15	pH 6.52	Sample Depth 0.2	ft 0.2	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
Latitude 30.531 ☒ dd ☐ dms Longitude -84.736 ☒ dd ☐ dms		Temp (C) 22.48	pH 5.81	Sample Depth 0.3	ft 0.3	Sp. Conductance (umho/cm) 82	

Relinquished By: Ben Rabe	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
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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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