



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name: Little River at Budd Park

Date: 10/08/2019
(mm/dd/yyyy)

WIN/ Field ID: G1WA0094

WBID: 424

Latitude: 30.4930

(Decimal Degrees)

County: Gadsden

ORG ID: 21FLWQA

Longitude: -84.5258

(Decimal Degrees)

Receiving Body of Water: Lake Talquin

RQ- 2019-09-30-58

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Avril Wood-McGrath						☒	☒	☒	☒	☒
Jade Burchett						☒	☒	☒	☒	☒

Sampling Equipment									
☒ Sample Container	☐ Van Dorn	☐ Pole							
☐ Carboy	☒ Syringe								
☐ Dipper	☐ Other								
Depth Measured with <u>ProDSS</u>									
Equipment ID <u>154177</u>									

Collection Method									
☐ Wading	☐ Canoe/Kayak								
☐ From Shore	☐ Electric Motor								
☐ Other	☒ Gasoline Motor								

Water Level: Dry/ Pooled/ <u>Low</u> / Normal / High / Flooded						Meter ID# <u>154177</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 Low				
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>	<u>1005</u>	<u>3.1</u>	<u>0.3</u>	<u>0.7</u>	<u>5.33</u>	<u>64.8</u>	<u>6.81</u>	<u>0.05</u>	<u>118.7</u>	<u>25.2</u>
<u>CEN</u>	<u>1008</u>		<u>2.6</u>		<u>5.31</u>	<u>64.5</u>	<u>6.71</u>	<u>0.05</u>	<u>118.0</u>	<u>25.2</u>

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#:									

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	<u>9129100</u>	<u>5/9/20</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
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-BR-IC / 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-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes: Nutrients Limited Nutrients AGP		WIN ID / FILED ID → G1WA0094 Location Little River Near Budd Park
Signature: <u>Jade Burchett</u>	Date: <u>10/08/19</u>	

LIMS EVENT ID: WQAP-2019-10-09-05

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: 10/9/19

QC Station ID, Field Parameters In LIMS DMT: CM 1-2-2020

Scan/Save Field Sheets CM 1-2-2020

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 are qualified data on this page.

Meter ID: 154177

RQ- 2019-09-30-58

Project: Little River SPPROTECTS

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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 9/30/19

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J. Burchett	10/8/19	804	22.0	755.1	8.7	8.70	99.5	-	1.00	P/F	L/F
ICV	"	"	816	20.8	755.1	8.9	8.99	100.3	-	-	P/F	L/F
CCV			609	31.7	754.0	7.3	7.38	100.6	-	-	P/F	L/F
CCV											P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

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

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	10/8/19	806	190618F	06/20	1000	1000	P/F	L/F
ICV	"	"	818	2908081	08/21	100	102	P/F	L/F
CCV			611	190618F	06/20	1000	1003	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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burchett	10/8/19	808	190618B	12/20	7.01	21.0	7.02	-29.0	P/F	L/F
Calibr.	"	"	810	190618A	12/20	4.01	20.9	4.00	151.4	P/F	L/F
Calibr.	"	"	814	190618C	12/20	10.05	21.1	10.05	-191.1	P/F	L/F
ICV	"	"	822	190618C	12/20	10.05	20.7	10.00	-190.9	P/F	L/F
CCV			613	190618A	12/20	4.01	22.1	3.90	156.0	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)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 9/30/19

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last 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	J. Burchett	10/8/19	757	0.000	0.000	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:

Streams AGP

last revised Jan 25, 2018

Central Laboratory Submittal Form

Customer: WQAP

Requester: Julie K. Espy

Field Report Prepared By: J.B. Burtchett

Project ID: SPPROJECTS

Collected By: J.B. Burtchett

Sampling Agency: A. Wood-McGrath

8034

Location	WIN ID / FILED ID → G1WA0094	Collection (comp begin or grab) Date 10/8/19 Time 1005	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 5.33	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C) 25.2	Sample Depth 0.3	Sp. Conductance (umho/cm) 118.7
Latitude	dd dms	Salinity (ppt) 0.05	Comments	
Location	WIN ID / FILED ID → G1WA0068	Collection (comp begin or grab) Date 10/8/19 Time 1110	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 5.76	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C) 27.2	Sample Depth 0.3	Sp. Conductance (umho/cm) 183.0
Latitude	dd dms	Salinity (ppt) 0.09	Comments	
Location	WIN ID / FILED ID → G1WA0092-CM	Collection (comp begin or grab) Date 10/8/19 Time 1430	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 6.59	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C) 26.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 187.7
Latitude	dd dms	Salinity (ppt) 0.09	Comments	
Location	WIN ID / FILED ID → G1WA0097	Collection (comp begin or grab) Date — Time —	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen	Total Res. Chlorine
WIN/STORET #		Temp (C)	Sample Depth	Sp. Conductance
Latitude	dd dms	Salinity (ppt)	Comments	
Location	WIN ID / FILED ID → G1WA0097	Collection (comp begin or grab) Date — Time —	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen	Total Res. Chlorine
WIN/STORET #		Temp (C)	Sample Depth	Sp. Conductance
Latitude	dd dms	Salinity (ppt)	Comments	

Number of Coolers Shipped: 1

Shipping Method: HD

Date/Time: 10/8/19:16

Relinquished By: J.B. Awn

Date/Time: 10/08/19

Received By: [Signature]

1557

4.00V

Group: A	Bottle Type: AA-AGP	OP-500ML	# of Bottles: 18	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: AA-LIM-NUT	BP-1L	# of Bottles: 18	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 9	Preservative: ICE And H2SO4 9129100 5/9/20		Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 9	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab