



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Hog Creek Gadsden County cm

Date: 10/08/2019

WIN/ Field ID: G1WA0092 97

WBID: 703 127E

Latitude: 30.540853 30.503714 (mm/dd/yyyy)

County: Gadsden LEON

ORG ID: 21FLWQA

Longitude: -84.402592 -84.403909 (Decimal Degrees)

Receiving Body of Water: Ochlockonee River

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>Prods</u>		
Equipment ID <u>154177</u>		

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

Water Level: Dry/ Pooled/ Low Normal / High / Flooded Meter ID# 154177 Matrix: Fresh Marine / DI

Photos: Yes / No Flow: No Flow / Intestinal / Flowing / NA Tide: Rising/ Falling/ Slack/ NA 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 (umhos/cm)	Temp. (C°)
EST	<u>1230</u>	<u>0.6</u>	<u>0.3</u>	<u>0.6</u>	<u>6.59</u>	<u>82.6</u>	<u>7.05</u>	<u>0.09</u>	<u>187.7</u>	<u>26.9</u>
CEN	<u>1430</u>			<u>3</u>						

Biological Samples Collected: None 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 ☒ H2SO4	<u>9129100</u>	<u>5/9/20</u>	☒ <2
Metals	☒ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice			
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-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 ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

Nutrients
Limited Nutrients
AGP

* 30.503714
-84.403909

WIN ID / FILED ID →

G1WA0097

Location

Ochlockonee River Below Holley Branch

Signature: Jade Burchett

Date: 10/8/19

LIMS EVENT ID: WRAP-2019-10-08-05

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: (Initials/Date)

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 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. Burkett	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			809	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. Burkett	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			811	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. Burkett	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			813	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. Burkett	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:

Florida Department of Environmental Protection
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

A. Wood-McGrath

Sampling Agency: 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	Location Little River Near Budd Park	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 Longitude	Salinity (ppt) 0.05	Comments	
Location	WIN ID / FILED ID → G1WA0068	Collection (comp begin or grab) Date 10/8/19 Time 1140	Composite end Date — Time —	Bottle Group(s)
Field ID	Location Ochlocknee River Upstream of US 90	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 Longitude	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)
Field ID	Location Hog Creek Gadsden County CM	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 Longitude	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)
Field ID	Location Ochlocknee River Below Holley Branch	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C)	Sample Depth	Sp. Conductance (umho/cm)
Latitude	dd dms Longitude	Salinity (ppt)	Comments	

Number of Coolers Shipped: 1

Shipping Method

HD

Date/Time

10/8/19:160

Relinquished By: JB, Awn

Received By:

Date/Time

1557

10/8/19

4:00 PM

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 9/29/00 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