



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Wards Creek @ CR259

Date: 03/28/2019

WIN/ Field ID: G1TLHR0103

WBID: 459

Latitude: 30.6051

(mm/dd/yyyy)

County: Jefferson

ORG ID: 21FLTLHR

Longitude: -83.8932

(Decimal Degrees)

Receiving Body of Water: Lake Miccosukee

RQ: 2016-12-31-3635

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Burtchett C. Green						☒	☒	☒	☒	☒	☐ Sample Container ☒ Van Dorn ☐ Pole				
											☐ Carboy ☐ Syringe				
											☐ Dipper ☐ Other				
											Depth Measured with 951 TSSG 154177				
											Equipment ID Van Dorn #3				
											Collection Method				
											☐ Wading ☐ Canoe/Kayak				
											☐ From Shore ☐ Electric Motor				
											☒ Other bridge ☐ Gasoline Motor				
Water Level: Dry/ Pooled/ Low / Normal / <u>High</u> / Flooded						Meter ID# 154177					Matrix: Fresh / Marine / DI				
Photos: Yes / No						Flow: No Flow / Intestinal / <u>Flowing</u> / NA					Tide: Rising/ Falling/ Slack/ NA				
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 (umhos/cm)	Temp. (C°)					
EST	1115	0.8	0.3	0.3	2.41	23.6	5.81	0.02	47.7	14.4					
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#:															
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		8344670	12/10/19	0/ <2				
Metals		☒ W-ICPMS ☒ W-ICP					☐ Ice ☐ HNO3		8344050	2/10/19	0/ <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-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					☐ Ice								
Tracers		☒ W-E8321-DI ☒ W-E8321-MS					☐ Ice								
Pesticides		☒ W-PSNP-TQ ☐ W-CT-CL-R ☒ W-E8321-DI					☐ Ice								
Phytoplankton		☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA					☐ Ice								
		☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice								
Notes: Active Road construction both sides of creek.															
Place Label Here															
Signature: [Signature] Date: 03/28/19															

LIMS EVENT ID: TLH-R01-2019-03-28-01

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By:

Project ID: SMP

Collected By:

C. Green, J. Burchett

Sampling Agency:

6034

Location Wards Creek @ R259		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 03/28/19 Time 1115		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID G1TLHR0103		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 2.41		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET # G1TLHR0103		Temp (C) 14.4		pH 5.81		Sample Depth 0.3		Sp. Conductance (umho/cm) 47.7	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.02		Comments			
Location Wards Creek @ W. Lake rd		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3/28/19 Time 1150		Composite end Date Time		Bottle Group(s)	
Field ID G1TLHR0102		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 2.17		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET # G1TLHR0102		Temp (C) 14.9		pH 5.26		Sample Depth 0.3		Sp. Conductance (umho/cm) 35.4	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.02		Comments			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments			

Relinquished By: JB, CG	Date/Time 3/28/19	Shipping Method HD	Number of Coolers Shipped:	Received By: 	Date/Time 3/28/19 1557
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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-2018-12-31-35

Project: SMP2018

- 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 12/18

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	3/28/19	820	19.4	765.1	9.26	9.28	100.7	-	0.99	P/F	L/F
ICV	✓	✓	830	17.9	765.2	9.55	9.54	100.6			P/F	L/F
CCV			1600	23.1	762.9		8.62	100.7			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	3/28/19	822	180621	07/19	1000	1000	P/F	L/F
ICV	✓	✓	832	180581	05/20	100	102	P/F	L/F
CCV			1602					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	3/28/19	824	180403	10/19	7.03	17.2	7.03	-47.3	P/F	L/F
Calibr.			826	180621D	07/19	4.00	17.0	4.00	129.6	P/F	L/F
Calibr.			828	180621F	07/20	10.10	17.2	10.09	-213.2	P/F	L/F
ICV	✓	✓	834	180621F	07/20	10.09	18.1	10.05	-213.4	P/F	L/F
CCV			1604	180621	07/19	4.01	19.6	4.09	124.2	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: 12/18

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	3/28/19	818	0.00	0.00	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: