



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Wards Creek @ W Lake Rd

Date: 03/13/2019

(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0102

WBID: 459

Latitude: 30.5644

(Decimal Degrees)

County: Jefferson

ORG ID: 21FLTLHR

Longitude: -83.9093

(Decimal Degrees)

Receiving Body of Water: Lake Miccosukee

RQ: 2018-12-31-33

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment						
<u>J. Burtchett</u> <u>C. Green</u>						☒	☒	☒	☒	☒	☐ Sample Container	☒ Van Dorn	☐ Pole				
											☐ Carboy	☐ Syringe	☐ Dipper	☐ Other			
Depth Measured with <u>SI 154177</u>						Equipment ID <u>Van Dorn #3</u>											
Collection Method																	
☐ Wading						☐ Canoe/Kayak											
☐ From Shore						☐ Electric Motor											
☒ Other <u>bridge</u>						☐ Gasoline Motor											
Water Level: <u>Dry</u> / Pooled / Low / Normal / High / Flooded						Meter ID# <u>154177</u>						Matrix: <u>Fresh</u> / Marine / DI					
Photos: Yes / <u>No</u>						Flow: No Flow / Intertidal / <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>1150</u>	<u>0.6</u>	<u>0.3</u>	<u>0.7</u>	<u>2.17</u>	<u>21.5</u>	<u>5.26</u>	<u>35.4</u>	<u>35.4</u>	<u>14.9</u>							
<u>CEN</u>								<u>0.02</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 ☐ H2SO4		<u>SA 344070</u>	<u>12/10/19</u>	<u><2</u>							
Metals		☒ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3		<u>NA 344050</u>	<u>12/10/19</u>	<u><2</u>							
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☐ Ice											
Chlorophyll		☒ CHL-SUITE-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: <u>SWAMP</u>												Place Label Here					
Signature: <u>Jade</u>												Date: <u>03/28/19</u>					

LIMS EVENT ID: TLH-ROL-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

SCI Kits

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: J. Burtchett

Project ID: SMP

Collected By: C. Green, J. Burtchett

Sampling Agency: 6034

Location Wards Creek @ R259		Collection (comp begin or grab) Date 03/28/19 Time 1115		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID G1TLHRO103	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 2.41	mg/L Total Res. Chlorine % sat		A		
WIN/STORET # G1TLHRO103	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		Collection (comp begin or grab) Date 3/28/19 Time 1150		Composite end Date Time		Bottle Group(s)	
Field ID G1TLHRO102	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 2.17	mg/L Total Res. Chlorine % sat		A		
WIN/STORET # G1TLHRO102	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		Collection (comp begin or grab) Date		Composite end Date Time		Bottle Group(s)	
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L Total Res. Chlorine % sat				
WIN/STORET #	Temp (C)	pH	Sample Depth		Sp. Conductance (umho/cm)		
Latitude dd dms	Longitude dd dms	Salinity (ppt)	Comments				
Location		Collection (comp begin or grab) Date		Composite end Date Time		Bottle Group(s)	
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L Total Res. Chlorine % sat				
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: 16:00	Shipping Method: HD	Number of Coolers Shipped:	Received By: [Signature]	Date/Time: 3/28/19 1552
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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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	3/28/19	822	140621	07/19	1000	1000	P/F	L/F
ICV	✓	✓	832	140588	05/20	100	102	P/F	L/F
CCV			1602					P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria ± 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	140403	10/19	7.03	17.2	7.03	-47.3	P/F	L/F
Calibr.			826	140621D	07/19	4.00	17.0	4.00	129.6	P/F	L/F
Calibr.	✓	✓	828	140621F	07/20	10.10	17.2	10.09	-213.2	P/F	L/F
ICV	✓	✓	834	140621F	07/20	10.09	18.1	10.05	-213.4	P/F	L/F
CCV			1604	140621	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 ± 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 ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: