



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Harvey Creek @ Joe Thomas Rd

Date: 5/24/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0082

WBID: 921

Latitude: 30.4062

(Decimal Degrees)

County: Leon

ORG ID: 21FLTLHR

Longitude: -84.5291

(Decimal Degrees)

Receiving Body of Water: Lake Talquin

RQ-2018-05-14-211

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
San Woods					x		x		
Jade Bisteneff						x	x	x	x

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with Equipment ID		
Collection Method		
☒ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# Pro 055

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / Flowing / 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 (µmhos/cm)	Temp. (C°)
EST	1240	0.2	2.1	0.2	7.70	88.2	4.475	0.02	41	22.1
CEN				S						

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	8085170	3/26/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
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-CI-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 Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☒ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☒ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			
	W-68321-01 W-68321-MS				

Notes: pH failed calibration check

Place Label Here

Signature: Date:

Enter Field Parameters, Verify Station ID In LIMS DMT: Jan 5/29/18 QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

A-b/t/m

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Don Woods

Project ID: SMP

Collected By: Don Woods / Jader Bustamante

Sampling Agency: 8034

Location	Field/WIN ID Location		Collection (comp begin or grab) Date 5/24/18 Time 900		Composite end Date		Bottle Group(s) (See pg 2)	
Field ID	GTLHR0040		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.91		Total Res. Chlorine (mg/L)	
WIN/STOI	Sweetwater Branch @ Cody Church Rd		Temp (C) 21.9		pH 6.55		Sp. Conductance (umho/cm) 43	
Latitude	Longitude		Salinity (ppt) 0.02		Comments			
Location	Field/WIN ID Location		Collection (comp begin or grab) Date 5/24/18 Time 920		Composite end Date		Bottle Group(s)	
Field ID	GTLHR0041		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.60		Total Res. Chlorine (mg/L)	
WIN/STORE1	MOOREBRANCH@CODYCHURCHRD		Temp (C) 21.8		pH 4.83		Sp. Conductance (umho/cm) 31	
Latitude	Longitude		Salinity (ppt) 0.01		Comments			
Location	Field/WIN ID Location		Collection (comp begin or grab) Date 5/24/18 Time 1035		Composite end Date		Bottle Group(s)	
Field ID	GTLHR0064		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.95		Total Res. Chlorine (mg/L)	
WIN/STORE #			Temp (C) 22.0		pH 7.40		Sp. Conductance (umho/cm) 318	
Latitude	Longitude		Salinity (ppt) 0.15		Comments			
Location	Field/WIN ID Location		Collection (comp begin or grab) Date 5/24/18 Time 1240		Composite end Date		Bottle Group(s)	
Field ID	GTLHR0062		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.70		Total Res. Chlorine (mg/L)	
WIN/STORE #			Temp (C) 22.1		pH 4.47		Sp. Conductance (umho/cm) 41	
Latitude	Longitude		Salinity (ppt) 0.02		Comments			

Relinquished By: SW

Date/Time: 5/24/18 1410

Shipping Method: HD

Number of Coolers Shipped: 2

Received By: [Signature]

Date/Time: 5-24-18/1410

Group: A	Bottle Type:	P-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ECOLL-18QT						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	PCR-FILTER						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-E8321-DI						
	W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 15	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 15	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						

H2SO4
 LOT# S8005170
 Exp: 03/26/19

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

Boldly "X" this box if there is qualified data on this page.

Meter ID: P0055

RQ-

Project: SMP 2018

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 4/17

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.	J. Burkett	5/24/18	757	22.2	8.71	8.71	100	-	1.0	P/F	L/F
ICV		✓	807	21.6	8.81	8.82	100	-	-	P/F	L/F
CCV	Jon Woods	✓	1416	25.5	8.18	8.18	100	-	-	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.	J. Burkett	5/24/18	759	180403A	04/19	1000	1000	P/F	L/F
ICV		✓	809	2802833	01/20	100	101	P/F	L/F
CCV	Jon Woods	✓	1420	2802833	1/20	100	100	P/F	L/F
CCV	//			180403A	4/19	1000	999	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.	J. Burkett	5/24/18	801	17121A	06/19	7.0	7.0	-20.5	P/F	L/F
Calibr.		✓	803	180116D	06/19	4.0	4.0	134.5	P/F	L/F
Calibr.		✓	805	180221E	09/19	10.0	10.0	-17.4	P/F	L/F
ICV		✓	811	180221E	09/19	10.0	10.0	-17.6	P/F	L/F
CCV	Jon Woods			180116D	06/19	4.0	4.8	89.2	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 1, slope from 4 to 7 1 (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 4/17

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: