FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Lake Seminole 200m from boat ramp @ River Rd **Date:** 10-04-2018 (mm/dd/yyyy)

WIN/ Field ID: G2TLHR0002 **WBID:** 60 **Latitude:** 30.743518 (Decimal Degrees)

County: Jackson **ORG ID:** 21FLTLHR **Longitude:** 84.9204569 (Decimal Degrees)

Receiving Body of Water: Apalachicola River **RQ-2018-** 09-10-65

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Chris Green	✓	✓	✓		
Mike Eckles		✓		✓	✓

Sampling Equipment

- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [x] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with
- Equipment ID

Collection Method

- [ ] Wading [ ] Canoe/Kayak
- [ ] From Shore [ ] Electric Motor
- [ ] Other [x] Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded **Meter ID#** 12 YSI 600XLM **Matrix:** Fresh / Marine / DI

Photos: Yes / No **Flow:** No Flow / Intestital / 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 (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	12:55	0.6	0.3	0.65	10.12	127.5	7.86	0.06	134	27.18
CEN										

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	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [ ] H_2SO_4	8011020	4-11-19	[ ] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [ ] Field Filtered 0.45 µm Filter	[ ] Ice			
Chlorophyll	[x] CHLSUITE-W	[ ] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-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			

Place Preservative Sticker(s) Here (If Available)

Notes:

kit:A

Field/WIN ID → G2TLHR0002

Location ↓

Lake Seminole 200m from boat ramp @ River Rd

Signature: Chris Green **Date:** 10-04-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: CG 10-15-18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets CG 10-15-18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (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: 12 YSI 600 XLM **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.

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 9/18

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.	Chris Green	10-4-18	8:30	18:32	760.1	9.40	9.41	100.0	63.5	0.79	P / F	L / F
ICV			8:50	18.49	—	9.37	9.42	100.1	—	—	P / F	L / F
CCV			16:05	23.84	—		8.39	98.9	—	—	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.	Chris Green	10-4-18	8:35	180621C	07/19	1000	1000	P / F	L / F
ICV			8:48	2802833	10/20	100	102	P / F	L / F
CCV			16:02	"	"	"	99	P / F	L / F
CCV			16:04	180621C	07/19	1000	1005	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.	Chris Green	10-4-18	8:38	180621E	01/20	7.00	18.93	6.99	-30.5	P / F	L / F
Calibr.			8:41	180510B	05/19	4.00	19.03	3.99	143.6	P / F	L / F
Calibr.			8:44	1804030	10/19	10.00	18.90	9.95	188.7	P / F	L / F
ICV			8:46	"	"	10.00	18.92	9.98	—	P / F	L / F
CCV			16:00	18051013	05/19	4.00	18.89	4.02	—	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 10 158.2, slope from 4 to 7 174.1 (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: _____
If **NO**, what will be used? (circle one) **Secchi Disk Line** / **Sonar** Unique ID: 2; Date of last verification: 9/18

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 ± 5 % or ± 0.05m, whichever is greater.

COMMENTS:

Request Number: RQ-2018-09-10-65

G2 Run 5

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Collected By: Chris Green / Mike Eckles

Field Report Prepared By: Chris Green

Sampling Agency: 8034

Location 1

Field ID: Field/WIN ID → G2TLHR0015

WIN/ST: Location ↓ MOSQUITO CREEK @ SR269

Latitude: ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10-04-2018 Time 12:00 Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): C

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 8.86 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 20.98 | pH 7.04 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 84

☐ dd ☐ dms | Salinity (ppt) 0.04 | Comments

Location 2

Field ID: Field/WIN ID → G2TLHR0092

WIN/ST: Location ↓ Mosquito Creek @ Jinks Crossing Rd

Latitude: ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10-04-2018 Time 12:15 Eastern / Central | Composite end Date Time | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 7.91 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 22.75 | pH 6.77 | Sample Depth 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm)

☐ dd ☐ dms | Salinity (ppt) 0.03 | Comments

Location 3

Field ID: Field/WIN ID → G2TLHR0002

WIN/ST: Location ↓ Lake Seminole 200m from boat ramp @ River Rd

Latitude: ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10-04-2018 Time 12:55 Eastern / Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 10.12 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 27.18 | pH 7.86 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 134

☐ dd ☐ dms | Salinity (ppt) 0.06 | Comments

Location 4

Field ID:

WIN/STORET #:

Latitude: ☐ dd ☐ dms | Longitude: ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date Time | Bottle Group(s):

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Chris Green	10-04-18 14:00	Hand			10/4/18 1455

Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	2
	W-TKN W-TOC						
Group: C	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	2
	W-PO4-F						
Group: D	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: D	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
	CHLSUITE-W						
Group: D	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
	ECOLI-18QT						
Group: D	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	**Enter Number of Bottles Sent to Lab**	
	W-CARB-AA						
Group: D	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
	W-CT-CI-R W-PCL-SQ-R						
Group: D	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
	W-E8321-DI W-E8321-MS						
Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	
	W-ICP W-ICPMS						
Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	
	W-NH3 W-NO2NO3						