



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Unnamed Branch @ Hardaway Rd 2

Date: 8-21-18
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0041

WBID: 488

Latitude: 30.6306

(Decimal Degrees)

County: Gadsden

ORG ID: 21FLTLHR

Longitude: 84.7664

(Decimal Degrees)

Receiving Body of Water: Flat Creek

RQ-2018- 08-20-58

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Chris Green Paul Blair					☒	☒	☒	☒	☒	☒ Sample Container	☒ Van Dorn	☐ Pole		
										☐ Carboy	☒ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with #2 Secchi				
										Equipment ID #2				
										Collection Method				
					☒ Wading				☐ Canoe/Kayak					
					☐ From Shore				☐ Electric Motor					
					☐ Other				☐ Gasoline Motor					
Water Level: Dry/ Pooled/ Low / Normal / <u>High</u> / Flooded					Meter ID# YSI 600 XLM #12					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 <u>Low</u>														
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	12:15	0.1	0.05	0.15	7.95	91.6	5.45	0.01	24	22.38				
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	SA8085170	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	☒ CHLSUITE-W					☒ Ice								
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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					☐ Ice								
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other								

Notes:
kit: A-b

Field/WIN ID →



G2TLHR0041

Location ↓

Unnamed Branch @ Hardaway Rd 2

Signature: Chris GreenEnter Field Parameters, Verify Station ID In LIMS DMT: 8-23-18

(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT: 8-21-18

(Initials/Date)

Scan/Save Field Sheets 8-23-18

(Initials/Date)

Migrate Data to WIN: 8-23-18

(Initials/Date)

Verify Data In WIN: 8-21-18

(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: C. Green

Project ID: SMP

Collected By: Chris Green

Paul B. Green

Sampling Agency: 8034

Location		Field/WIN ID →		Location ↓		Lake Seminole 200m from boat ramp @ River Rd		Field/WIN ID →		Location ↓		Unnamed Branch @ Hardaway Rd 2	
Field ID	WIN/STC	Field ID	WIN/STC	Field ID	WIN/STC	Field ID	WIN/STC	Field ID	WIN/STC	Field ID	WIN/STC	Field ID	WIN/STC
Latitude		Latitude		Latitude		Latitude		Latitude		Latitude		Latitude	
G2TLHR0002		G2TLHR0015		G2TLHR0041		G2TLHR0002		G2TLHR0015		G2TLHR0041		G2TLHR0002	
dd		dd		dd		dd		dd		dd		dd	
dms		dms		dms		dms		dms		dms		dms	
pH		pH		pH		pH		pH		pH		pH	
26.42		22.05		22.38		26.42		22.05		22.38		26.42	
7.02		6.63		5.45		7.02		6.63		5.45		7.02	
0.06		0.02		0.05		0.06		0.02		0.05		0.06	
0.3		0.25		0.05		0.3		0.25		0.05		0.3	
127		50		24		127		50		24		127	
B		C		A		B		C		A		B	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
C. Green	8-21-18	Hand	14/10	SPH	8-21-18 2:17

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: YSI 600 XLM

RQ: 2018-08-20-58

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 8/20/18

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	8/21/18	8:00	18.78	9.31	9.31	9.31	99.9	60.4	1.00	P / F	L / F
ICV			8:22	18.76	—	9.32	9.30	99.8	—	—	P / F	L / F
CCV			14:24	21.63	—	8.81	8.81	100.1	—	—	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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Chris Green	8/21/18	8:10	180403A	4/19	1000	1000	P / F	L / F
ICV			8:20	2802833	1/20	100	101	P / F	L / F
CCV			14:30	170630B	7/18	500	502	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.	Chris Green	8/21/18	8:12	180621E	1/20	7.00	20.08	31.8	31.8	P / F	L / F
Calibr.			8:14	180510B	5/19	4.00	19.28	4.00	140.9	P / F	L / F
Calibr.			8:16	180221E	9/19	10.00	19.28	9.98	201.2	P / F	L / F
ICV			8:18	11	11	11	19.27	9.98	—	P / F	L / F
CCV			14:35	180510B	5/19	4.00	19.26	4.01	—	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 10 169.4, slope from 4 to 7 172.7 (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:

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: #2; Date of last verification: 7/18

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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: