



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?
Yes / No

WIN Station Name: Marshall Creek @ SR2

Date: 5-17-2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0007

WBID: 151A

Latitude: 30.9365338

(Decimal Degrees)

County: Jackson

ORG ID: 21FLTLHR

Longitude: 85.2968208

(Decimal Degrees)

Receiving Body of Water: Chipola River

RQ-2018- 05-14-31

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Chris Green					✓	✓	✓	✓	✓
Jon Woods					✓	✓	✓	✓	✓

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with Serchi		
Equipment ID #12		

Collection Method	
☒ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Meter ID# EXO 3
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	12:50	0.5	0.25	0.4	6.82	79.3	7.63	0.10	211.1	22.87
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	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ H2SO4	5A7163030	6-12-18	☒ <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-Cl-JC / 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			

Notes: A-b

Field/WIN ID → G2TLHR0007

Location ↓ MARSHALL CREEK @ SR2

Signature: [Signature] Date: 5-17-2018

Enter Field Parameters, Verify Station ID in LIMS DMT: [Signature] 6-11-18 QC Station ID, Field Parameters in LIMS DMT: [Signature]

Scan/Save Field Sheets [Signature] 6-11-18 Migrate Data to WIN: [Signature] Verify Data in WIN: [Signature]

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 name.

Meter ID:

EXO 3

RQ:

Project:

SMP 1405

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

4/2017

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.	Jon Woods	5/17/14	804	22.4	6.66	8.62	99.3	—	1.06	P/F	L/F
ICV	"	"	821	23.4	6.51	8.44	99.2	—	—	P/F	L/F
CCV	Chris Green	"	15:37	20.87	8.94	8.88	99.3	—	—	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; 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.	Jon Woods	5/17/14	810	180403A	4/2019	1000	1000	P/F	L/F
ICV	"	"	819	2802633	1/2020	100	99.6	P/F	L/F
CCV	Chris Green	"	15:35	2802833	1/20	100	99.2	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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Jon Woods	5/17/14	812	171121A	6/2019	7.0	7.0	-36.9	P/F	L/F
Calibr.	"	"	813	1801160	1/2019	4.0	4.0	139.3	P/F	L/F
Calibr.	"	"	815	180221E	9/2019	10.0	10.0	-207.0	P/F	L/F
ICV	"	"	817	"	"	10.0	10.0	-206.9	P/F	L/F
CCV	Chris Green	"	15:30	1801160	1/19	4.0	4.0	—	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 10 170.1, slope from 4 to 7 176.2 (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

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:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By:

Chris Green

Project ID: SMP

Collected By:

Chris Green / Son Woods

Sampling Agency:

8034

Location	Field/WIN ID →	→	Barcode	G2TLHR0011	Collection (comp begin or grab)	Date	5-17-18	Time	10:30	Composite end	Date	Time	Bottle Group(s)
Field ID	WIN/STC	Location	→	Barcode	CHIPOLA RIVER	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	7.49	Total Res. Chlorine			A
Latitude					Temp (C)	22.98	pH	7.87	Sample Depth	0.3	Sp. Conductance (umho/cm)	263.3	
Longitude					Salinity (ppt)	0.12	Comments						
Location	Field/WIN ID →	→	Barcode	G2TLHR0016	Collection (comp begin or grab)	Date	5-17-18	Time	11:35	Composite end	Date	Time	Bottle Group(s)
Field ID	WIN/STC	Location	↓	Barcode	CHIPOLA RIVER @ MAGNOLIA R	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	7.62	Total Res. Chlorine			A
Latitude					Temp (C)	23.67	pH	7.69	Sample Depth	0.3	Sp. Conductance (umho/cm)	281.3	
Longitude					Salinity (ppt)	0.13	Comments						
Location	Field/WIN ID →	→	Barcode	G2TLHR0009	Collection (comp begin or grab)	Date	5-17-18	Time	12:15	Composite end	Date	Time	Bottle Group(s)
Field ID	WIN/STC	Location	↓	Barcode	BLUE HOLE SPRING @ CAVERN	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	11.07	Total Res. Chlorine			A
Latitude					Temp (C)	22.74	pH	7.62	Sample Depth	0.3	Sp. Conductance (umho/cm)	318.9	
Longitude					Salinity (ppt)		Comments					319	
Location	Field/WIN ID →	→	Barcode	G2TLHR0007	Collection (comp begin or grab)	Date	5-17-18	Time	12:50	Composite end	Date	Time	Bottle Group(s)
Field ID	WIN/STC	Location	↓	Barcode	MARSHALL CREEK @ SR2	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	6.82	Total Res. Chlorine			A
Latitude					Temp (C)	22.87	pH	7.63	Sample Depth	0.25	Sp. Conductance (umho/cm)	211.1	
Longitude					Salinity (ppt)		Comments						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
C. Green	5-17-18/15:20	Hand		SP2	5-17-18/3:21