



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Chipola River

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

WIN/ Field ID: G2TLHR0011

WBID: 51D

Latitude: 30.5057533

(Decimal Degrees)

County: Calhoun

ORG ID: 21FTLHR

Longitude: 85.1572613

(Decimal Degrees)

Receiving Body of Water: Dead Lakes

RQ-2018- 05-14-31

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
<u>Chris Green</u> <u>Jon Woods</u>						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole							
											☐ Carboy	☒ Syringe								
											☐ Dipper	☐ Other								
Depth Measured with <u>Secchi</u>						Equipment ID <u>#2</u>					Collection Method									
						☒	☐	☐	☐	☐	☒ Wading	☐ Canoe/Kayak								
											☐ From Shore	☐ Electric Motor								
											☐ Other	☐ Gasoline Motor								
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# <u>EXO 3</u>					Matrix: <u>Fresh</u> / Marine / DI									
Photos: Yes / <u>No</u>						Flow: No Flow / Intestinal / <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>10:30</u>	<u>0.7</u>	<u>0.3</u>	<u>0.7</u>	<u>7.49</u>	<u>87.4</u>	<u>7.87</u>	<u>0.12</u>	<u>263.3</u>	<u>22.98</u>										
CEN				<u>VOB</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>7163030</u>	<u>6-12-18</u>	☒ <2										
Metals	☒ W-ICPMS ☐ W-ICP					☒ Ice ☐ HNO3		<u>CG</u>		☐ <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-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														

Notes:

A-b

Field/WIN ID →



G2TLHR0011

Location →



CHIPOLA RIVER

Signature: [Signature]

Date: 5-17-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: CG 6-11-18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets CG 6-11-18
(Initials/Date)

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

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:

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	8:04	22.4	6.66	8.62	99.3	—	1.06	P/F	L/F
ICV	"	"	8:21	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	8:10	180403A	4/2019	1000	1000	P/F	L/F
ICV	"	"	8:19	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	8:12	171121A	6/2019	7.0	7.0	-36.9	P/F	L/F
Calibr.	"	"	8:13	180116D	1/2019	4.0	4.0	139.3	P/F	L/F
Calibr.	"	"	8:15	180221E	9/2019	10.0	10.0	-207.0	P/F	L/F
ICV	"	"	8:17	"	"	10.0	10.0	-206.9	P/F	L/F
CCV	Chris Green	"	15:30	180116D	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**

kit A w/ bacteria

last revised Jan 25, 2018

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	Location	Field/WIN ID →	→	Barcode	G2TLHR0016	Location	Field/WIN ID →	→	Barcode	G2TLHR0007	Location	Field/WIN ID →	→	Barcode	G2TLHR0009
Field ID	WIN/ST	Latitude	Field ID	WIN/ST	Latitude	Field ID	WIN/ST	Latitude	Field ID	WIN/ST	Latitude	Field ID	WIN/ST	Latitude	Field ID	WIN/ST	Latitude	Field ID	WIN/ST
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Matrix (type, e.g., Salt, Fresh, etc)	
Temp (C)	22.98	pH	7.87	Temp (C)	23.67	pH	7.69	Temp (C)	22.74	pH	7.62	Temp (C)	22.87	pH	7.63	Temp (C)	22.87	pH	7.63
Salinity (ppt)	0.12	Salinity (ppt)	0.13	Salinity (ppt)	0.13	Salinity (ppt)	0.13	Salinity (ppt)	0.13	Salinity (ppt)	0.13	Salinity (ppt)	0.13	Salinity (ppt)	0.13	Salinity (ppt)	0.13	Salinity (ppt)	0.13
Collection (comp begin or grab)		Time	Collection (comp begin or grab)		Time	Collection (comp begin or grab)		Time	Collection (comp begin or grab)		Time	Collection (comp begin or grab)		Time	Collection (comp begin or grab)		Time	Collection (comp begin or grab)	
Date 5-17-18		10:30	Date 5-17-18		11:35	Date 5-17-18		12:15	Date 5-17-18		12:50	Date 5-17-18		12:50	Date 5-17-18		12:50	Date 5-17-18	
Sample Depth		7.49	Sample Depth		7.62	Sample Depth		7.62	Sample Depth		7.62	Sample Depth		7.62	Sample Depth		7.62	Sample Depth	
Sp. Conductance (umho/cm)		263.3	Sp. Conductance (umho/cm)		281.3	Sp. Conductance (umho/cm)		281.3	Sp. Conductance (umho/cm)		281.3	Sp. Conductance (umho/cm)		281.3	Sp. Conductance (umho/cm)		281.3	Sp. Conductance (umho/cm)	
Total Res. Chlorine (mg/L)		7.49	Total Res. Chlorine (mg/L)		7.62	Total Res. Chlorine (mg/L)		7.62	Total Res. Chlorine (mg/L)		7.62	Total Res. Chlorine (mg/L)		7.62	Total Res. Chlorine (mg/L)		7.62	Total Res. Chlorine (mg/L)	
Composite end Date		8034	Composite end Date		8034	Composite end Date		8034	Composite end Date		8034	Composite end Date		8034	Composite end Date		8034	Composite end Date	
Bottle Group(s)		A	Bottle Group(s)		A	Bottle Group(s)		A	Bottle Group(s)		A	Bottle Group(s)		A	Bottle Group(s)		A	Bottle Group(s)	

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