



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Chipola RiverDate: 04/17/2018
(mm/dd/yyyy)WIN/ Field ID: G2TLHR0011WBID: 51DLatitude: 30.5057533

(Decimal Degrees)

County: CalhounORG ID: 21FLTLHRLongitude: 85.1572613

(Decimal Degrees)

Receiving Body of Water: Dead LakesRQ-2018-04-09-52

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
<u>J. Burtche-H</u> <u>J. Woods</u>						☒	☒	☒	☒	☒	☒ 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# <u>E263</u>					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 (PPTH)	Sp COND (umhos/cm)	Temp. (C°)										
EST	1035	0.6	0.3	0.5	83	7.90	7.60	0.08	174	17.85										
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		SAT255010		10/2/16		☒ <2							
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3						☐ <2							
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 um 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 → G2TLHR0011																				
Location → CHIPOLA RIVER																				
Signature: <u>[Signature]</u> Date: <u>04/17/18</u>																				

Enter Field Parameters, Verify Station ID In LIMS DMT: 30 4/20/18
(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

(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 is qualified data on this name.

Meter ID: E-03 RQ: 2018 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 12/17

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. Burtchett	4/17/18	756	26.2	9.06	9.05	100	-	1.05	<u>P</u> /F	<u>L</u> /F
ICV	↓	↓	806	16.7	9.33	9.33	100	-	-	<u>P</u> /F	<u>L</u> /F
CCV	↓	↓	1614	26.5	8.04	8.02	100	-	-	<u>P</u> /F	<u>L</u> /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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	4/17/18	758	18016B	01/19	1000	1000	<u>P</u> /F	<u>L</u> /F
ICV	↓	↓	808	270781	09/19	100	96	<u>P</u> /F	<u>L</u> /F
CCV	↓	↓	1616	270781	09/19	100	95	<u>P</u> /F	<u>L</u> /F
CCV			1618	18016B	01/19	1000	992	<u>P</u> /F	<u>L</u> /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. Burtchett	4/17/18	800	171121A	06/19	7.0	7.0	-40.6	<u>P</u> /F	<u>L</u> /F
Calibr.	↓	↓	802	18016D	01/19	4.0	4.0	142.7	<u>P</u> /F	<u>L</u> /F
Calibr.	↓	↓	804	180221B	09/19	10.0	10.0	-20.9	<u>P</u> /F	<u>L</u> /F
ICV	↓	↓	810	180221B	09/19	10.0	10.0	-20.3	<u>P</u> /F	<u>L</u> /F
CCV	↓	↓	1620	18016D	01/19	4.0	4.0	144.0	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 10 161.5, slope from 4 to 7 183.3 (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 12/17

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:

kit A w/ bacteria

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: J. Bortchett

Project ID: SMP

Collected By: J. Woods, J. Bortchett

Sampling Agency: 8034

Location	☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4/17/18 Time 1035	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.50	Total Res. Chlorine mg/L — % sat —	A
Win	Temp (C) 17.85 pH 7.60		Sample Depth 0.3	Sp. Conductance (umho/cm) 174	
Lat	Salinity (ppt) 0.08		Comments		
Location	☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4/17/18 Time 1240	Composite end Date — Time —	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 3.20	Total Res. Chlorine mg/L — % sat —	A
WIN/STORET #	Temp (C) 18.74 pH 6.20		Sample Depth 0.3	Sp. Conductance (umho/cm) 55	
Latitude	Salinity (ppt) 0.02		Comments		
Location	☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4/18/18 Time 1410	Composite end Date — Time —	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.47	Total Res. Chlorine mg/L — % sat —	A
WIN/S	Temp (C) 19.70 pH 7.22		Sample Depth 0.3	Sp. Conductance (umho/cm) 128	
Latitude	Salinity (ppt) 0.06		Comments		
Location	☐ Comp ☒ Grab		Collection (comp begin or grab) Date — Time —	Composite end Date — Time —	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Total Res. Chlorine mg/L — % sat —	
WIN/STORET #	Temp (C)		Sample Depth	Sp. Conductance (umho/cm)	
Latitude	Salinity (ppt)		Comments		

Relinquished By: JB, JW	Date/Time: 4/17/18:1604	Shipping Method: HD	Number of Coolers Shipped: 1	Received By: J.B.	Date/Time: 4/17/18 4:08
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Group: A	Bottle Type:	P-1L	# of Bottles: 25	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: A	Bottle Type:	BP-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					