



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

October 2017

Qualified Data

Yes

Location/STORET Station Name: Bear Creek @ SR 267 Date: 12-18-17
(mm/dd/yyyy)
STORET #: G1TLHR0052 WBID: 757 Latitude: _____
(Decimal Degrees)
County: Calhoun RQ: 2017-10-30-55 ORG ID: 21FLTLHR Longitude: _____
(Decimal Degrees)
Receiving Body of Water: Lake Talquin Field ID: G1TLHR0052-2017-10

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment		
Jessie Tolbert Jade Burtchett					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole
										☐ Carboy	☐ Syringe	
										☐ Dipper	☐ Other	
										Equipment ID _____		
Collection Method												
					☒ Wading			☐ Canoe/Kayak				
					☐ From Shore			☐ Electric Motor				
					☐ Other			☐ Gasoline Motor				
Water Level: Dry / Low / <u>Normal</u> / Above Normal / Flooded					Meter ID# <u>Y616920118157</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	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)		
EST	10:10	.15	0.3	9.31	93.7	5.81	.01	0.35	31	15.7		
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			☐ <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-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						☐ Ice					
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R						☐ Other					

Notes:

Secchi visible on bottom

G1TLHR0052-2017-10



WBID 757

Field ID ↑

STORET ↓

Bear Creek @
SR 267



G1TLHR0052

Signature: _____

Date: 12-18-17

Field Parameters Entered into LIMS: _____

(Initials/Date)

Field Parameters QC in LIMS: _____

(Initials/Date)

Date Migrated to STORET: _____

(Initials/Date)

Field Sheets Scanned/Saved: _____

(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: YS16920118157

Project: SMR 2017

- Notes: (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
 (2) Always wait for meter to stabilize before recording any readings.
 (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 10/17

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.	Jessie Tolbert	12-18-17	805	21.2	8.88	8.89	100	N/A	1.02	P	L
ICV	"	"	806	21.2	8.88	8.88	100	N/A	1.02	P	L
CCV	"	"	1407	22.1	8.73	8.77	100	N/A	1.02	P	L
CCV	"	"									

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

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.	Jessie Tolbert	12-18-17	809	171031A	11/2018	1000	1000	P	L
ICV	"	"	810	2710787	9/2019	100	98	P	L
CCV	"	"	1410	2710787	9/2019	100	98	P	L
CCV	"	"	1411	171031A	11/2018	1000	995	P	L

Report specific conductance as a whole number with no decimal figure.

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.	Jessie Tolbert	12-18-17	813	171121A	6/2019	7.0	7.0	-52	P	L
Calibr.	"	"	815	171121C	12/2018	4.0	4.0	121.2	P	L
Calibr.	"	"	818	171121B	6/2019	10.0	9.9	-220	P	L
ICV	"	"	820	171121B	6/2019	10.0	10.0	-221	P	L
CCV	"	"	1413	171121C	12/2018	4.0	4.1	117	P	L
CCV	"	"								

Report pH with one decimal place; 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 ; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater