



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Qualified Data

Yes

October 2017

Location/STORET Station Name: Bear Creek @ SR 267 Date: 1/9/2018
(mm/dd/yyyy)STORET # G1TLHR0052 WBID: 757 Latitude: _____
(Decimal Degrees)County: Godsden RQ: 2018-01-08-21 ORG ID: 21FLTLHR Longitude: _____
(Decimal Degrees)Receiving Body of Water: Lake Talquin Field ID: G1TLHR0052

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment		
Jon Woods				X	X				☒ Sample Container	☐ Van Dorn	☐ Pole
Jessie Tolbert					X		X	X	☐ Carboy	☒ Syringe	
									☐ Dipper	☐ Other	
									Equipment ID _____		
									Collection Method		
									☒ Wading	☐ Canoe/Kayak	
									☐ From Shore	☐ Electric Motor	
									☐ Other	☐ Gasoline Motor	
Water Level: Dry / Low / Normal / Above Normal / Flooded				Meter ID# <u>118157</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	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)	
EST	1255	0.15	0.3	9.49	95.2	6.23	0.01	0.3	32	13.67	
CEN								S			

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	7275010	10/2/18	☒ <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-CI-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				☐ Ice ☐ Other				

Notes: Secchi visible on bottom

G1TLHR0052



WBID 757

Field ID ↑

STORET ↓

Bear Creek @
SR 267

G1TLHR0052

Signature: [Signature] Date: 1/9/18Field Parameters Entered into LIMS: G1TLHR 1-31-18 (Initials/Date)Field Parameters QC in LIMS: 2/13/18 (Initials/Date)

Date Migrated to STORET: _____ (Initials/Date)

Field Sheets Scanned/Saved: _____ (Initials/Date)

Sampling Agency:

Relinquished By: Ward	Date/Time 1/9/18	Shipping Method HD	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time 1-9-18 15:12
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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: 118157

RQ-

Project: G1 SMP 1601

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 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.	Jon Woods	1/9/18	811	14.6		10.13	100	—	1.01	P/F	L/F
ICV	"	"	826	19.3	9.820	9.25	100	—	—	P/F	L/F
CCV	"	"	1405	19.8	9.129	9.29	101	—	—	P/F	L/F
CCV										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

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	1/9/18	816	171121D	12/18	1000	1000	P/F	L/F
ICV	"	"	825	2710761	9/19	100	99	P/F	L/F
CCV	"	"	1406	171031B	11/18	1000	990	P/F	L/F
CCV	"	"	1406	2710761	9/19	100	100	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	1/9/18	819	171121A	6/19	7.0	7.0	-50.6	P/F	L/F
Calibr.	"	"	820	171121C	12/18	4.0	4.0	118	P/F	L/F
Calibr.	"	"	821	171121B	6/19	10.0	10.0	-220	P/F	L/F
ICV	"	"	823	"	"	10.0	10.0	-223	P/F	L/F
CCV	"	"	1410	170926B	10/18	4.0	4.1	115	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 7 168.6 (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: