



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Bear Creek @ SR267

Date: 02/28/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0052

WBID: 757

Latitude: 30.479824

(Decimal Degrees)

County: Gadsden

ORG ID: 21FLTLHR

Longitude: 84.626025

(Decimal Degrees)

Receiving Body of Water: Lake Talquin

RQ-2018-02-26-64

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Burtchett						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole		
C. Green						☒	☒	☒	☒	☒	☐ 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# 18157			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	1055	0.3	0.15	0.3	9.38	98	6.00	0.01	32	17.42					
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		SAP163030		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-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 ☐ W-CARB-AA					☐ Ice								
		☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other								

Notes: A-b/t/m

Field/WIN ID
Location



G1TLHR0052



BEAR CREEK @ SR267

Signature: [Signature]

Date: 02/28/18

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

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 meter

Meter ID: 118157

RQ:

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. Burkhead	2/28/18	815	15.9	9.89	9.99	100	-	102	P/F	L/F
ICV	✓	✓	825	18.3	9.41	9.49	100	-	-	P/F	L/F
CCV	✓	✓	1414	21.3	8.86	8.87	100	-	-	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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burkhead	2/28/18	817	180116B	01/19	1000	1000	P/F	L/F
ICV	✓	✓	827	2710781	09/19	100	96	P/F	L/F
CCV	✓	✓	1416	2710781	09/19	100	96	P/F	L/F
CCV			1418	180116B	01/19	1000	1000	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.	J. Burkhead	2/28/18	819	171121A	06/19	7.0	7.0	-38.4	P/F	L/F
Calibr.	✓	✓	821	180116D	01/19	4.0	4.0	131.6	P/F	L/F
Calibr.	✓	✓	823	171121B	06/19	10.0	10.0	-208.9	P/F	L/F
ICV	✓	✓	829	171121D	06/19	10.0	10.0	-209.4	P/F	L/F
CCV	✓	✓	1420	180116D	01/19	4.0	4.0	135.9	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 10 170.5, slope from 4 to 7 176 (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:

Sampling Agency: 8031

Relinquished By: B.L.G.	Date/Time 2/28/18.1550	Shipping Method HD	Number of Coolers Shipped: 2	Received By: Tyler	Date/Time 02/28/18 03:31
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