



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Bear Creek @ SR267

Date: 6/14/18
(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- 00-11-38

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Michael A. Edlis						Y	Y			
Paul M. Blair							Y			

Sampling Equipment			
☒ Sample Container	☐ Van Dorn	☐ Pole	
☐ Carboy	☐ Syringe		
☐ Dipper	☐ Other		
Depth Measured with Secchi			
Equipment ID			

Collection Method			
☒ Wading	☐ Canoe/Kayak		
☐ From Shore	☐ Electric Motor		
☐ Other	☐ Gasoline Motor		

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded				Meter ID# PSI PRO DSS 153484				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	10:35	0.4	0.2	0.4	9.00	103.1	6.38	0.05	32.3	22.1					
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			☐ <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 ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Ice ☐ Other				

Notes: A-b/m (PCR-HF183, PCR-BacR)

Field/WIN ID →
Location ↓



G1TLHR0052



BEAR CREEK @ SR 267

Signature:

Date:

6/14/18

Enter Field Parameters, Verify Station ID In LIMS DMT:

06 7-24-18

(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

06 7-24-18

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

Bacteria Freshwater Suite ECOLI-18QT (Escherichia coli)

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: ECKLES, M. A.

Project ID: SMP

Collected By: ECKLES, M. A.

Sampling Agency: 8034

Lo	Field/WIN ID →		Collection (comp begin or grab)		Time	9:40	Composite end	Time	Bottle Group(s)
Fi	Location ↓		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	8.18	Total Res. Chlorine	(mg/L)		(See pg 2)
W			Temp (C)	pH	6.94	Sample Depth	0.1	Sp. Conductance (umho/cm)	65.0
Latitude			Salinity (ppt)	Comments					
Loc	Field/WIN ID →		Collection (comp begin or grab)		Time	9:50	Composite end	Time	Bottle Group(s)
Fi	Location ↓		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	7.49	Total Res. Chlorine	(mg/L)		(See pg 2)
W			Temp (C)	pH	7.39	Sample Depth	0.1	Sp. Conductance (umho/cm)	219
Latitude			Salinity (ppt)	Comments					
Lo	Field/WIN ID →		Collection (comp begin or grab)		Time	10:35	Composite end	Time	Bottle Group(s)
Fi	Location ↓		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	9.00	Total Res. Chlorine	(mg/L)		(See pg 2)
W			Temp (C)	pH	6.38	Sample Depth	0.2	Sp. Conductance (umho/cm)	32.3
Latitude			Salinity (ppt)	Comments					
Lo	Field/WIN ID →		Collection (comp begin or grab)		Time	10:50	Composite end	Time	Bottle Group(s)
Fi	Location ↓		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	8.14	Total Res. Chlorine	(mg/L)		(See pg 2)
W			Temp (C)	pH	4.22	Sample Depth	0.3	Sp. Conductance (umho/cm)	36.2
Latitude			Salinity (ppt)	Comments					

Relinquished By: ECKLES

Date/Time

Shipping Method

Number of Coolers Shipped: 1

Received By:

Date/Time

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: Pro DSS 154177

RQ:

Project: SMP

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 4-18

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.	Paul Blair	6-14-18	8:22	23.3	8.53	8.51	99.8	/	1.1	P/F	L/F
ICV	"	"	8:23	23.4	8.53	8.50	99.9	/	"	P/F	L/F
CCV	"	"	16:00	22.6	8.64	8.64	100.1	/	"	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.	Paul Blair	6-14-18	8:28	184403A	4-19	1000	997	P/F	L/F
ICV	"	"	8:30	2802833	1-20	100	102	P/F	L/F
CCV	"	"	16:01	180403A	4-19	1000	1001	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 7.0	mV	Pass / Fail	Lab / Field
Calibr.	Paul Blair	6-14-18	8:32	171121A	6-19	7.0	7.0	-18.9	P/F	L/F
Calibr.	"	"	8:33	118116D	1-19	4.0	4.0	130.1	P/F	L/F
Calibr.	"	"	8:35	120221E	9-19	10.0	10.0	-164.5	P/F	L/F
ICV	"	"	8:49	"	9-19	10.0	10.0	-165.9	P/F	L/F
CCV	"	"	16:23	118116D	1-19	4.0	4.1	122.2	P/F	L/F
CCV	"	"	16:05	170630H	1-19	1.0	1.1	279.1	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 _____, slope from 4 to 7 _____ (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	Paul Blair	6-14-18	8:50	0	6	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: