



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Bear Creek @ SR267

Date: 07/02/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0052

WBID:

Latitude: 30.479824

(Decimal Degrees)

County: Gadsden

ORG ID: 21FLTLHR

Longitude: 84.626025

(Decimal Degrees)

Receiving Body of Water: Lake Talquin

RQ-2018-04-09-61

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burtchett					✓	✓	✓	✓	✓
J. Woods									

Sampling Equipment			
☒ 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# 154177

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	0.2	0.1	0.2	7.98	94.0	5.76	0.01	29	23.6
CEN				(5)						

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	SA734/020	12/7/18	☒ <2
Metals	☐ W-ICPMS ☐ W-JCP	☐ 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-CH-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			

Place Preservative Sticker(s) Here (If Available)

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

Field/WIN ID →

Location ↓



G1TLHR0052



BEAR CREEK @ SR 267

Signature: [Signature]

Date: 07/02/18

Enter Field Parameters, Verify Station ID in LIMS DMT: JB 7/3/18

QC Station ID, Field Parameters in LIMS DMT: _____

Scan/Save Field Sheets JB 7/3/18

Migrate Data to WIN: _____

Verify Data in WIN: _____

(Initials/Date)

(Initials/Date)

(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: 154177 RQ: Project: SMP2018

- 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 6/17

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. Burchett	7/2/18	745	22.4	8.64	8.68	100	-	1.03	P/F	P/F
ICV	↓	↓	755	21.4	8.85	8.82	100	-	-	P/F	P/F
CCV	↓	↓	1210	26.3	8.07	8.05	100	-	-	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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	7/2/18	747	K04103A	04/19	1000	1000	P/F	P/F
ICV	↓	↓	757	2802833	01/20	100	101	P/F	P/F
CCV	↓	↓	1	2710781	09/19	100	102	P/F	P/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	mV	Pass / Fail	Lab / Field
Calibr.	J. Burchett	7/2/18	749	171121A	06/19	7.0	7.0	-3.8	P/F	P/F
Calibr.	↓	↓	751	180116D	01/19	4.0	4.0	170.7	P/F	P/F
Calibr.	↓	↓	753	180221E	09/19	10.0	10.0	-175.5	P/F	P/F
ICV	↓	↓	759	180221E	09/19	10.0	10.0	-177.4	P/F	P/F
CCV	↓	↓	1	180510A	05/19	4.0	4.0	171.6	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 10 171.7, slope from 4 to 7 174.5 (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 6/17

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:

SMP 2017 Kit A-b/m PCR-FILTER, PCR-HF183 &
BacR (WBID 757 Bear Creek)

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: J. Burtchett

Project ID: SMP

Collected By: J. Woods, J. Burtchett

Sampling Agency: 8034

Location	☐ Comp ☒ Grab		Collection (comp begin or grab) Date 7/2/18 Time 1055	Composite end Date	Eastern Central	Bottle Group(s) (See pg 2)
Field ID	Field/WIN ID →		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 7.98	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORE #	Location ↓		Temp (C) 23.6	pH 5.76	Sample Depth 6.1	Sp. Conductance (umho/cm) 29
Latitude	☐ dd ☐ dms		Salinity (ppt) 0.01	Comments		A
Location	☐ Comp ☐ Grab		Collection (comp begin or grab) Date	Composite end Date	Eastern Central	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	☐ ft ☐ m	Total Res. Chlorine (mg/L)
WIN/STORE #	Temp (C)		pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms		Salinity (ppt)	Comments		
Location	☐ Comp ☐ Grab		Collection (comp begin or grab) Date	Composite end Date	Eastern Central	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	☐ ft ☐ m	Total Res. Chlorine (mg/L)
WIN/STORE #	Temp (C)		pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms		Salinity (ppt)	Comments		
Location	☐ Comp ☐ Grab		Collection (comp begin or grab) Date	Composite end Date	Eastern Central	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	☐ ft ☐ m	Total Res. Chlorine (mg/L)
WIN/STORE #	Temp (C)		pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms		Salinity (ppt)	Comments		
Location	☐ Comp ☐ Grab		Collection (comp begin or grab) Date	Composite end Date	Eastern Central	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	☐ ft ☐ m	Total Res. Chlorine (mg/L)
WIN/STORE #	Temp (C)		pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms		Salinity (ppt)	Comments		
Location	☐ Comp ☐ Grab		Collection (comp begin or grab) Date	Composite end Date	Eastern Central	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	☐ ft ☐ m	Total Res. Chlorine (mg/L)
WIN/STORE #	Temp (C)		pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms		Salinity (ppt)	Comments		

Number of Coolers Shipped: 1

Shipping Method

Date/Time

Relinquished By: Jo, JW

Received By: [Signature]

Date/Time

7-2-18 13:24

Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-120ML-OC	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	FCOLI-MF					
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	PCR-BACR					
	PCR-FILTER					
	PCR-HF183					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	W-E8321-DI					
	W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	ICE	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: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					

SA7341020
Exp 12/7/18

Group A E coli-18QT

Enter Number of Bottles Sent to Lab