



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Bear Creek @ SR267

WIN/ Field ID: G1TLHR0052

WBID: 757

Latitude: 30.479824

County: Gadsden

ORG ID: 21FLTLHR

Longitude: 84.626025

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. Burkhett											☒ Sample Container	☐ Van Dorn	☐ Pole		
P. Blair											☐ 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# 603			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	1200	0.05	0.05	0.05	9.58	97	6.85	401	31	16.10					
CEN		0.2	0.1	0.2											
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		SA7341020		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-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 Coll ☒ F Coll ☐ 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 @ SR 267

Signature: [Signature]

Date: 03/27/18

Enter Field Parameters, Verify Station ID in LIMS DMT: JB 3/30/18

QC Station ID, Field Parameters in LIMS DMT: PB 5-2-18

Scan/Save Field Sheets JB 3/30/18 (Initials/Date)

Migrate Data to WIN: (Initials/Date)

(Initials/Date)

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: Exo 3 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. Burtchett	4000	3/27/18	18.18	9.43	9.44	100	-	1.06	P/F	L/F
ICV	↓	↓ 810	↓	17.9	9.49	9.47	100	-	-	P/F	L/F
CCV	↓	↓	↓ 1306	17.6		9.54	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. Burtchett	3/27/18	802	180116 B	01/19	1000	1000	P/F	L/F
ICV	↓	↓	812	2710781	09/19	100	96	P/F	L/F
CCV	↓	↓	1306	2802833	01/20	100	95	P/F	L/F
CCV			1308	180116A	01/19	1000	998	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. Burtchett	3/27/18	804	171121A	06/19	7.0	7.0	-33.1	P/F	L/F
Calibr.		↓	806	180116D	01/19	4.0	4.0	139.2	P/F	L/F
Calibr.	↓	↓	808	180221E	06/19	10.0	10.0	-202.5	P/F	L/F
ICV	↓	↓	814	180221E	06/19	10.0	10.0	-202.8	P/F	L/F
CCV		↓	1310	180116C	01/19	4.0	4.0	136.7	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 7 172.3 (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:

A-b/t/m

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Field Report Prepared By:

Collected By:

Sampling Agency:

Location	Field ID	Field/WIN ID	Location	WIN/STOI	Latitude
		 G1TLHR0088			
		Field/WIN ID →	Location ↓		
		Lexington Creek @ Timberlane Rd			
		L dms			
		Bottle Group(s) A			
		Composite end			
		Date 3/27/18 Time 4:30			
		Eastern Central			
		Matrix (type, e.g., Salt, Fresh, etc) Fresh			
		Diss. Oxygen 8.84			
		Total Res. Chlorine			
		pH 6.71			
		Sample Depth 0.03			
		Sp. Conductance 81			
		Temp (C) 14.73			
		Salinity (ppt) 0.04			
		Comments			
		dd dms			
		Bottle Group(s) A			
		Composite end			
		Date 3/27/18 Time 4:50			
		Eastern Central			
		Matrix (type, e.g., Salt, Fresh, etc) Fresh			
		Diss. Oxygen 6.85			
		Total Res. Chlorine			
		pH 7.10			
		Sample Depth 0.02			
		Sp. Conductance 189			
		Temp (C) 15.47			
		Salinity (ppt) 0.09			
		Comments			
		dd dms			
		Bottle Group(s) A			
		Composite end			
		Date 3/27/18 Time 1:12			
		Eastern Central			
		Matrix (type, e.g., Salt, Fresh, etc) Fresh			
		Diss. Oxygen 8.83			
		Total Res. Chlorine			
		pH 5.35			
		Sample Depth 0.3			
		Sp. Conductance 24			
		Temp (C) 16.24			
		Salinity (ppt) 0.01			
		Comments			
		dd dms			
		Bottle Group(s) A			
		Composite end			
		Date 3/27/18 Time 1:20			
		Eastern Central			
		Matrix (type, e.g., Salt, Fresh, etc) Fresh			
		Diss. Oxygen 9.58			
		Total Res. Chlorine			
		pH 6.80			
		Sample Depth 0.025			
		Sp. Conductance 31			
		Temp (C) 16.10			
		Salinity (ppt) 0.01			
		Comments			
		dd dms			
		Bottle Group(s) A			
		Composite end			
		Date 3/27/18 Time 1:20			
		Eastern Central			
		Matrix (type, e.g., Salt, Fresh, etc) Fresh			
		Diss. Oxygen 9.58			
		Total Res. Chlorine			
		pH 6.80			
		Sample Depth 0.025			
		Sp. Conductance 31			
		Temp (C) 16.10			
		Salinity (ppt) 0.01			
		Comments			
		dd dms			
		Bottle Group(s) A			
		Composite end			
		Date 3/27/18 Time 1:20			
		Eastern Central			
		Matrix (type, e.g., Salt, Fresh, etc) Fresh			
		Diss. Oxygen 9.58			
		Total Res. Chlorine			
		pH 6.80			
		Sample Depth 0.025			
		Sp. Conductance 31			
		Temp (C) 16.10			
		Salinity (ppt) 0.01			
		Comments			
		dd dms			
		Bottle Group(s) A			
		Composite end			
		Date 3/27/18 Time 1:20			
		Eastern Central			
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		pH 6.80			
		Sample Depth 0.025			
		Sp. Conductance 31			
		Temp (C) 16.10			
		Salinity (ppt) 0.01			
		Comments			
		dd dms			
		Bottle Group(s) A			
		Composite end			
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		Sample Depth 0.025			
		Sp. Conductance 31			
		Temp (C) 16.10			
		Salinity (ppt) 0.01			
		Comments			
		dd dms			
		Bottle Group(s) A			
		Composite end			
		Date 3/27/18 Time 1:20			
		Eastern Central			
		Matrix (type, e.g., Salt, Fresh, etc) Fresh			
		Diss. Oxygen 9.58			
		Total Res. Chlorine			
		pH 6.80			
		Sample Depth 0.025			
		Sp. Conductance 31			
		Temp (C) 16.10			
		Salinity (ppt) 0.01			
		Comments			
		dd dms			
		Bottle Group(s) A			
		Composite end			
		Date 3/27/18 Time 1:20			
		Eastern Central			
		Matrix (type, e.g., Salt, Fresh, etc) Fresh			
		Diss. Oxygen 9.58			
		Total Res. Chlorine			
		pH 6.80			
		Sample Depth 0.025			
		Sp. Conductance 31			
		Temp (C) 16.10			
		Salinity (ppt) 0.01			
		Comments			
		dd dms			
		Bottle Group(s) A			
		Composite end			
		Date 3/27/18 Time 1:20			

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Group: A	Bottle Type: P-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-TDS					
	W-TSS					
Group: A	Bottle Type: BP-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W					
Group: A	Bottle Type: P-120ML-OC	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	FCOLI-MF					
Group: A	Bottle Type: QPCR-P-250ML	# of Bottles: 30	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	PCR-FILTER					
Group: A	Bottle Type: BG-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-E8321-DI					
	W-E8321-MS					
Group: A	Bottle Type: P-500ML	# of Bottles: 15	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type: P-125ML	# of Bottles: 15	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F					