



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Bear Creek @ SR267

Date: 5/24/2018
(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	Sampling Equipment									
Soy Woods Sade Burkhardt					Y	X	X	X	X	☒ 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# R0 D35					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 (umhos/cm)	Temp. (C°)									
ES	1210	0.2	0.1	0.2	8.20	93.6	5.96	0.01	35	21.9									
CEN				S															
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		6045070		3/20/16		☒ <2							
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3						☐ <2							
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 um 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				☐ Ice													
		☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R				☐ Other													
W-E-4321-01 W-E-4321-MS																			

Notes:
A-b/t/m (PCR-HF183, PCR-BacR)
pH called calibration check

Field/WIN ID →
Location ↓



G1TLHR0052



BEAR CREEK @ SR 267

Signature: [Signature]

Date: 5/24/18

Enter Field Parameters, Verify Station ID in LIMS DMT: [Signature] 5/29/18
(Initials/Date)

QC Station ID, Field Parameters in LIMS DMT: [Signature]
(Initials/Date)

Scan/Save Field Sheets
(Initials/Date)

Migrate Data to WIN: [Signature]
(Initials/Date)

Verify Data in WIN: [Signature]
(Initials/Date)

SMP 2017 kit A-b/l/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. Woods

Project ID: SMP

Collected By: J. Woods / Jade Butcher

Sampling Agency: 4634

Location	Field/WIN ID Location		G1TLHR0052	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/24/18 Time 1210	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	Location		BEAR CREEK @ SR 267	Temp (C) 21.9	pH 5.96	Diss. Oxygen 8.20	Sample Depth 0.1	Sp. Conductance (umho/cm) 35	A
WIN/STORE	Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.01	Comments			
Location	Field ID	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)	
WIN/STORE #	Matrix (type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location	Field ID	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)	
WIN/STORE #	Matrix (type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location	Field ID	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)	
WIN/STORE #	Matrix (type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location	Field ID	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)	
WIN/STORE #	Matrix (type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

JW 5/24/18 1410

HD

1

JW

5-24-18 1410

Group: A	Bottle Type: P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
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	1
CHLSUITE-W					
Group: A	Bottle Type: P-120ML-OC	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
FCOLI-MF					
Group: A	Bottle Type: QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
PCR-BACR PCR-FILTER PCR-HF183					
Group: A	Bottle Type: BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
W-E8321-DI W-E8321-MS					
Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
H2SO4 LOT# SH0005170 EXP: 03/26/19					
Group: A	Bottle Type: P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	
W-PO4-F Group: A ECOLI-18QT Preservative ICE bottles					

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: D0055

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 4/17

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. Burkett	5/24/18	757	22.2	8.71	8.71	100	-	1.0	P / F	L / F
ICV		✓	807	21.6	8.81	8.82	100	-	-	P / F	L / F
CCV	Jon Woods	✓	1416	25.5	8.18	8.18	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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burkett	5/24/18	759	180403A	04/19	1000	1000	P / F	L / F
ICV		✓	809	2802833	01/20	100	101	P / F	L / F
CCV	Jon Woods	✓	1420	2802833	1/20	100	100	P / F	L / F
CCV	//			180403A	4/19	1000	999	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. Burkett	5/24/18	801	17121A	06/19	7.0	7.0	-20.5	P / F	L / F
Calibr.		✓	803	180116D	06/19	4.0	4.0	134.5	P / F	L / F
Calibr.		✓	805	180221E	09/19	10.0	10.0	-18.4	P / F	L / F
ICV		✓	811	180221E	09/19	10.0	10.0	-171.6	P / F	L / F
CCV	Jon Woods			180116D	06/19	4.0	4.8	89.2	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 1, slope from 4 to 7 1 (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 4/17

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: