



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes ☒ No ☐

WIN Station Name: Ocklawaha Creek @ SR267

Date: 03/27/2018

(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0053

WBID: 811

Latitude: 30.4503

(Decimal Degrees)

County: Gadsden

ORG ID: 21FLTLHR

Longitude: -84.8435

(Decimal Degrees)

Receiving Body of Water: Lake Talquin

RQ-2018-02-26-61

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burckett					☒	☒	☒	☒	☒
D. Blair					☒	☒	☒	☒	☒

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 / <u>Normal</u> / High / Flooded		Meter ID# 602		Matrix: <u>Fresh</u> / Marine / DI						
Photos: Yes ☐ No ☒		Flow: No Flow / Intestinal / <u>Flowing</u> / 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°)
EST	1210	0.3	0.15	0.3	9.40	96	4.92	0.01	19	16.49
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	SA7341020	6/12/18	☒ <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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Notes: A-b/t/m

Field/WIN ID →

Location ↓



G1TLHR0053



Ocklawaha Creek @ SR 267

Signature: gade

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 3/31/18

(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By:

J. Butcher

Project ID: SMP

Collected By:

P. Blair J. Burdett

Sampling Agency:

308

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	Field/WIN ID → Location ↓							(See pg 2)
WIN/S-	G1TLHR0053 							
Latitude	OCKLAWAHA CREEK @ SR 267  ☐ dms ☐ dd	Temp (C) 16.44	pH 7.92	Diss. Oxygen 9.40	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 19	7
Location	☐ dms ☐ dd	Salinity (ppt) 0.01	Comments					
Field ID		☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
WIN/STORET #								
Latitude	☐ dd ☐ dms	Longitude						
Location	☐ dd ☐ dms	Salinity (ppt)	Comments					
Field ID		☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
WIN/STORET #								
Latitude	☐ dd ☐ dms	Longitude						
Location	☐ dd ☐ dms	Salinity (ppt)	Comments					
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WIN/STORET #								
Latitude	☐ dd ☐ dms	Longitude						
Location	☐ dd ☐ dms	Salinity (ppt)	Comments					
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Field ID		☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
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Latitude	☐ dd ☐ dms	Longitude						
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WIN/STORET #								
Latitude	☐ dd ☐ dms	Longitude						
Location	☐ dd ☐ dms	Salinity (ppt)	Comments					
Field ID		☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
WIN/STORET #								
Latitude	☐ dd ☐ dms	Longitude						
Location	☐ dd ☐ dms	Salinity (						

Relinquished By:

Date/Time:

Shinonina Method

Number of Coolers Shipped:

Received By:

Date/Time

Completed by: JB PR

Date/Time 3/27/2017

Joining Methods

Number

Received B

Date/Time	14/12/17
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Group: A	Bottle Type:	P-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	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	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-OC	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	FCOLI-MF						
Group: A	Bottle Type:	QPCR-P-250ML	# of Bottles: 30	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-FILTER						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	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	1
	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	1
	W-PO4-F						

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	4/27/18	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	↓	↓	↓ 1311	17.6		9.54	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. Burtchett	3/27/18	402	180116 B	6/1/19	1000	1000	P/F	L/F
ICV	↓	↓	412	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	404	171121A	06/19	7.0	7.0	-33.1	P/F	L/F
Calibr.	↓	↓	406	180116D	01/19	4.0	4.0	139.2	P/F	L/F
Calibr.	↓	↓	408	180221E	06/19	10.0	10.0	-202.5	P/F	L/F
ICV	↓	↓	414	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: