



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Ocklawaha Creek @ SR267

Date: 6/14/18
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0053

WBID: 811

Latitude: 30.4503

(Decimal Degrees)

County: Gadsden

ORG ID: 21FTLHR

Longitude: -84.6435

(Decimal Degrees)

Receiving Body of Water: Lake Talquin

RQ-2018- 06-11-38

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment												
<u>Michael A. Eckles</u> <u>Paul M. Blair</u>						☒	☒	☐	☐	☐	☒ Sample Container	☐ Van Dorn	☐ Pole										
						☐	☐	☐	☐	☐	☐ Carboy	☐ Syringe											
						☐	☐	☐	☐	☐	☐ Dipper	☐ Other											
Depth Measured with						Equipment ID					Collection Method												
☐ Wading						☐ Canoe/Kayak					☐ Electric Motor												
☒ From Shore						☐ Gasoline Motor																	
☐ Other																							
Water Level: Dry/ Pooled/ Low / Normal / <u>High</u> / Flooded						Meter ID# <u>PSI Pro DSS 183484</u>						Matrix: <u>Fresh</u> / Marine / DI											
Photos: Yes / <u>No</u>						Flow: No Flow / Intertidal / <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 (µmhos/cm)	Temp. (C°)													
EST	<u>10:50</u>	<u>0.6</u>	<u>0.3</u>	<u>0.4</u>	<u>8.14</u>	<u>92.9</u>	<u>4.27</u>	<u>0.02</u>	<u>36.2</u>	<u>21.9</u>													
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					☐ Ice																
		☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other																
Notes: <u>A-b/t/m</u>												Field/WIN ID → <u>G1TLHR0053</u>											
Signature: _____												Location ↓ <u>OCKLAWAHA CREEK @ SR 267</u>											
												Date: <u>6/14/18</u>											

Enter Field Parameters, Verify Station ID In LIMS DMT: 6/14/18

QC Station ID, Field Parameters In LIMS DMT: _____

Scan/Save Field Sheets

6/14/18

Migrate Data to WIN: _____

Verify Data In WIN: _____

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

Bacteria Freshwater Suite ECOLI-18QT (Escherichia coli)

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: ECK/18/11/14

Project ID: SMP

Collected By: ECK/18/11/14

Sampling Agency: 8034

Loc	Field/WIN ID →		Barcode		G1TLHR0088	
Loc	Location ↓		Barcode		LEXINGTON CREEK @ TIMBERLA	
Loc	Field/WIN ID →		Barcode		G1TLHR0069	
Loc	Location ↓		Barcode		LAKE OVERSTREET DRAIN @ N Meridian Rd	
Loc	Field/WIN ID →		Barcode		G1TLHR0052	
Loc	Location ↓		Barcode		BEAR CREEK @ SR 267	
Loc	Field/WIN ID →		Barcode		G1TLHR0053	
Loc	Location ↓		Barcode		OCKLAHAWA CREEK @ SR 267	

Field	WIN	Lat	Long	Temp (C)	pH	Salinity (ppt)	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)	Total Res. Chlorine (mg/L)	% sat	Composite end Date	Time	Bottle Group(s)
8.18	0.1	0.03	0.94	7.39	0.1	0.03	Fresh	7.49	0.1	0.03	0.94	7.39	0.1	0.03	A
9.60	0.2	0.05	4.27	7.39	0.1	0.05	Fresh	7.49	0.2	0.05	4.27	7.39	0.1	0.05	A
8.14	0.3	0.02	4.27	7.39	0.1	0.02	Fresh	7.49	0.3	0.02	4.27	7.39	0.1	0.02	A

Relinquished By: ECK/18/11/14

Date/Time: 6/14/18 5:37

Shipping Method: #D

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 page.

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.

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.	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	0	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: