



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Polk Creek @ end of Merry Robin Rd

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

WIN/ Field ID: G1TLHR0055

WBID: 896

Latitude: 30.4307722

(Decimal Degrees)

County: Leon

ORG ID: 21FLTLHR

Longitude: 84.5148575

(Decimal Degrees)

Receiving Body of Water: Lake Talquin

RQ-2018- 09-11-38

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment					
Michael A. Eckle,						Y					☒ Sample Container	☐ Van Dorn	☐ Pole			
Paul M. Blair							Y				☐ 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: PSI PRO DSS 153484					Matrix: Fresh / Marine / DI					
Photos: Yes / No						Flow: No Flow / Intertidal / 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 (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)						
EST	11:50	0.4	0.2	0.4	8.94	104.0	3.92	0.03	66.6	23.0						
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-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									

Notes:
kit: b/t/m 183

Field/WIN ID →



G1TLHR0055

Location ↓

Polk Creek @ End of Merry Robin Rd

Signature: _____

Date: 6/14/18

Enter Field Parameters, Verify Station ID In LIMS DMT: 06-7-28-2018

(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

06-7-24-18

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

Bacteria Freshwater Suite ECOLL-18QT (Escherichia coli)

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Loc	Field/WIN ID →	Barcode	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
File	Location ↓	G1TLHR0057	Matrix (type, e.g., Salt, Fresh, etc)	11:15	Total Res. Chlorine (mg/L)	A
Win		BIG CREEK @ CR 2224	Temp (C)	8.15	% sat	
Latitude	dd dms	Longitude	pH	Sample Depth	ft	
			22.1	0.3	umho/cm	42.5
Loc	Field/WIN ID →	Barcode	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
File	Location ↓	G1TLHR0055	Matrix (type, e.g., Salt, Fresh, etc)	11:50	Total Res. Chlorine (mg/L)	A
Win		Polk Creek @ End of Merry Robin Rd	Temp (C)	8.94	% sat	
Latitude	dd dms	Longitude	pH	Sample Depth	ft	
			3.0	0.2	umho/cm	66.6
Loc	Field/WIN ID →	Barcode	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
File	Location ↓	G1TLHR0055	Matrix (type, e.g., Salt, Fresh, etc)	11:50	Total Res. Chlorine (mg/L)	A
Win		Polk Creek @ End of Merry Robin Rd	Temp (C)	8.94	% sat	
Latitude	dd dms	Longitude	pH	Sample Depth	ft	
			3.0	0.2	umho/cm	66.6
Loc	Field/WIN ID →	Barcode	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
File	Location ↓	G1TLHR0055	Matrix (type, e.g., Salt, Fresh, etc)	11:50	Total Res. Chlorine (mg/L)	A
Win		Polk Creek @ End of Merry Robin Rd	Temp (C)	8.94	% sat	
Latitude	dd dms	Longitude	pH	Sample Depth	ft	
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			3.0	0.2	umho/cm	66.6

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Eckel	6/12/18 15:37	FD			

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	180403A	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	180221E	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	"	"	16:03	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: