



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: 02/22/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0058-16 61TLHR0055 WBID: 896

Latitude: 30.4307722

(Decimal Degrees)

County: Leon

ORG ID: 21FLTLHR

Longitude: 84.5148575

(Decimal Degrees)

Receiving Body of Water: Lake Talquin

RQ-2018-01-15-20

Sampling Team Members					WG Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burkholder									
J. Wicks									

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 (Normal) / High / Flooded Meter ID# EKO3 Matrix: Fresh / Marine / DI

Photos: Yes / No Flow: No Flow / Intestital / 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	1315	0.06	0.03	0.06	8.47	95	4.42	0.02	35	20.96
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:

Field/WIN ID



G1TLHR0055

Location

Polk Creek @ End of Merry Robin Rd

Signature:

Date:

02/22/2018

Enter Field Parameters, Verify Station ID In LIMS DMT:

JB 2/22/18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(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:

Exo3

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. Burckett	2/22/18	753	21.8	8.78	8.78	100	-	1.05	P/F	L/F
ICV		↓	803	21.7	8.79	8.82	100	-	-	P/F	L/F
CCV		↓	1320	21.4	8.85	8.98	101	-	-	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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burckett	2/22/18	755	18016B	01/19	1000	1000	P/F	L/F
ICV		↓	805	270781	09/19	100	100	P/F	L/F
CCV		↓	1322	270781	09/19	100	101	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	mV	Pass / Fail	Lab / Field
Calibr.	J. Burckett	2/22/18	757	171121A	06/19	7.0	7.0	-22.10	P/F	L/F
Calibr.			759	18016D	01/19	4.0	4.0	150.20	P/F	L/F
Calibr.			801	171121B	06/19	10.0	10.0	-193.70	P/F	L/F
ICV		↓	807	171121B	06/19	10.0	10.0	-192.40	P/F	L/F
CCV		↓	1324	18016C	01/19	4.0	4.0	149.80	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 10 171.6, 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:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: J. Durbelt

Field Report Prepared By: J. Durbelt

Sampling Agency: 8034

Location		Field/WIN ID		Collection (comp begin or grab)		Composite and		Bottle	
Field	Location	Comp	Date	Time	Eastern	Date	Time	Group(s)	
WIN/		Grab			Central			(See pg 2)	
Latit		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
		Fresh		7.86					
		Temp	pH	Sample	ft	Sp. Conductance			
		(C) 20.6	4.59	Depth	0.05	(umho/cm)			
		Salinity	Comments						
		(ppt) 0.01							
Location		Field/WIN ID		Collection (comp begin or grab)		Composite and		Bottle	
Field	Location	Comp	Date	Time	Eastern	Date	Time	Group(s)	
WIN/		Grab			Central			(See pg 2)	
Latit		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
		Fresh		8.57					
		Temp	pH	Sample	ft	Sp. Conductance			
		(C) 14.70	5.75	Depth	0.15	(umho/cm)			
		Salinity	Comments						
		(ppt) 0.01							
Location		Field/WIN ID		Collection (comp begin or grab)		Composite and		Bottle	
Field	Location	Comp	Date	Time	Eastern	Date	Time	Group(s)	
WIN/		Grab			Central			(See pg 2)	
Latit		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
		Fresh		8.47					
		Temp	pH	Sample	ft	Sp. Conductance			
		(C) 21.0	4.42	Depth	0.03	(umho/cm)			
		Salinity	Comments						
		(ppt) 0.02							
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Latit		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
		Fresh		8.47					
		Temp	pH	Sample	ft	Sp. Conductance			
		(C) 21.0	4.42	Depth	0.03	(umho/cm)			
		Salinity	Comments						
		(ppt) 0.02							

Relinquished By: J. Durbelt

Date/Time: 2/22/18 14:49

Shipping Method: HD

Number of Coolers Shipped: 1

Received By: J. Durbelt

Date/Time: 2-22-18 14:49

Group: A	Bottle Type: P-250ML-WO-THI ECOLI-18QT	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: A	Bottle Type: QPCR-P-250ML PCR-FILTER	# of Bottles: 30	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
Group: A	Bottle Type: BG-1L W-AHERB-AA W-SUC-AA-R W-UHERB-AA	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3