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:** 5/30/2018 (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-** 06-04-72

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Sam Woods	Y		Y		
Jackie Butchwell		Y		Y	Y

Sampling Equipment

- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with
- Equipment ID

Collection Method

- [ ] Wading [ ] Canoe/Kayak
- [x] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / (High) / Flooded **Meter ID#** PSO DSS **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 (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	1415	0.3	0.15	0.3 S	7.85	91.2	4.63	0.03	68	22.6
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 [ ] H_2SO_4			[ ] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <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	[x] E Coli [ ] F Coli [ ] Enterococci	[x] 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			

Place Preservative Sticker(s) Here (If Available)

Notes: kit: b/t/m 183

Field/WIN ID → G1TLHR0055

Location ↓

Polk Creek @ End of Merry Robin Rd

Signature: [signature] **Date:** 5/30/18

Enter Field Parameters, Verify Station ID In LIMS DMT: [signature] 6/1/18 (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)

Request Number: RQ-2018-06-04-72

Bacteria Freshwater Suite ECOLI-18QT (Escherichia coli)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Woods / Bustchelt

Field Report Prepared By: J. Woods

Sampling Agency: 8034

Location: Field/WIN ID → G1TLHR0053; Location ↓ OCKLAWAHA CREEK @ SR 267

Field ID:

WIN/STORE:

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Eastern Central: Date 5/30/18 Time 1350 | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc):

Diss. Oxygen: 6.10 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 23.0 | pH: 4.37 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 45

Salinity (ppt): 0.02 | Comments:

Location: Field/WIN ID → G1TLHR0055; Location ↓ Polk Creek @ End of Merry Robin Rd

Field ID:

WIN/STO:

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Eastern Central: Date 5/30/18 Time 1415 | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc):

Diss. Oxygen: 7.65 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 22.8 | pH: 4.63 | Sample Depth: 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm): 68

Salinity (ppt): 0.03 | Comments:

Location:

Field ID:

WIN/STORET #:

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Eastern Central: Date Time | Composite end Date Time | Bottle Group(s):

Matrix (type, e.g., Salt, Fresh, etc):

Diss. Oxygen: ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): | pH: | Sample Depth: ☐ ft ☐ m | Sp. Conductance (umho/cm):

Salinity (ppt): | Comments:

Location:

Field ID:

WIN/STORET #:

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Eastern Central: Date Time | Composite end Date Time | Bottle Group(s):

Matrix (type, e.g., Salt, Fresh, etc):

Diss. Oxygen: ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): | pH: | Sample Depth: ☐ ft ☐ m | Sp. Conductance (umho/cm):

Salinity (ppt): | Comments:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JW	5/30/18 1445	HD	1		5-30-18 1445

Group: A Bottle Type: P-250ML-WO-THI # of Bottles: 12 Preservative: ICE **Enter Number of Bottles Sent to Lab** 2

ECOLI-18QT

Cooler Packing Worksheet for Request: RQ-2018-06-04-72
Bacteria Freshwater Suite ECOLI-18QT (Escherichia coli)
Ship Cooler On: 5/31/2018
Customer/Project: TLH-ROC/SMP

Assigned To: REYNOLDS_T
Requester: Chris Green
Priority: 3

850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Chris Green

Please return packing list with sample submittal forms.

Comments:
No preservatives needed.

no FedEx bills
no zip ties

Requested Analyses:

Bottle Group: A **# of Sites: 12**

Container ID: P-250ML-WO-THI **Qty: 12** **Preservation: ICE** **Lot #** C18806

Description:

Analysis	Description
ECOLI-18QT	Escherichia coli by Colifert 18 Quanti-Tray method - non-chlorinated water systems

Cooler Packed By: Tyler R Number of Coolers: 1 Date: 05/29/18

Kit must also include:
- ✓ Field Sheets
- ✓ Temperature Control Bottle
- ~~FedEx Bills, if applicable~~
- ~~Plastic Bags/Zip Ties~~
- X Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-06-04-72

Boldly "X" this box if there is qualified data on this page.

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: ProDSS RQ- Project: SMP 20K

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 3/17

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	5/30/18	755	22.1	8.73	8.73	100	-	1.06	(P) / F	(P) / F
ICV	↓	↓	405	22.0	8.74	8.75	100	-	-	(P) / F	(P) / F
CCV	Don Woods	↓	1452	26.1	8.10	8.12	100	-	-	(P) / F	(P) / 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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	5/30/18	757	180403A	04/19	1000	1000	(P) / F	(P) / F
ICV	↓	↓	807	2802833	01/20	100	100	(P) / F	(P) / F
CCV	Don Woods	↓	1453	180403A	04/2019	1000	990	(P) / F	(P) / F
CCV	"	↓	1454	2802833	1/2020	100	100	(P) / F	(L) F

Conductivity Acceptance criteria ± 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	5/30/18	759	171121A	06/19	7.0	7.0	-20.1	(P) / F	(P) / F
Calibr.	↓	↓	801	180116D	01/19	4.0	4.0	139.7	(P) / F	(P) / F
Calibr.	↓	↓	803	180221E	09/19	10.0	10.0	-174.9	(P) / F	(P) / F
ICV	↓	↓	809	180221E	09/19	10.0	10.0	-175.2	(P) / F	(P) / F
CCV	Don Woods	↓	1455	180116D	01/2019	4.0	4.1	132	(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 ± 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 3/17

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 ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: