



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Middle of Lake Francis

Date: 5/30/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0045

WBID: 3366A

Latitude: 30.466453

(Decimal Degrees)

County: Madison

ORG ID: 21FLTLHR

Longitude: 83.40768

(Decimal Degrees)

Receiving Body of Water: NA

RQ-2018- 06-04-72

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jon Woods					X		X		
Jade Bustchett						X		X	X

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#

Matrix: Fresh / Marine / DI

Photos: Yes / No / Flow: No Flow / Intestinal / 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	935	2.3	0.3	1.3	7.17	90.7	7.87	0.07	142	27.5
CEN	940		1.6		6.23	78.7	7.72	0.07	143	27.4

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 ₂ SO 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-CI-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

Field/WIN ID →

Location ↓



G1TLHR0045



MIDDLE OF LAKE FRANCIS

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)

Bacteria Freshwater Suite ECOLI-18QT (Escherichia coli)

last revised Jan 25, 2018

Customer: TLH-ROC

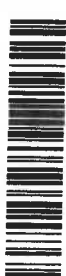
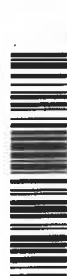
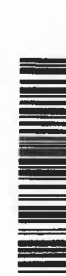
Requester: Chris Green

Field Report Prepared By: J. Woods

Project ID: SMP

Collected By: Woods/Buckheit

Sampling Agency: 8034

Location	Field/WIN ID	Location	Field/WIN ID	Location	Field/WIN ID	Location	Field/WIN ID	Location	Field/WIN ID		
Field ID	WIN/STOR	Latitude	Field ID	WIN/STOR	Latitude	Field ID	WIN/STOR	Latitude	Field ID		
 G1TLHR0045 MIDDLE OF LAKE FRANCIS dd Longitude dms			 G1TLHR0067 WOODS CREEK AT OSTEEN RD dd Longitude dms			 G1TLHR0019 AUCILLAR RIVER dd Longitude dms			 G1TLHR0041 MOORE BRANCH @ CODY CHURCH dd Longitude dms		
☐ Comp Grab Date 5/30/18 Time 935			☐ Comp Grab Date 5/30/18 Time 1035			☐ Comp Grab Date 5/30/18 Time 1130			☐ Comp Grab Date 5/30/18 Time 1205		
Matrix (type, e.g., Salt, Fresh, etc)			Matrix (type, e.g., Salt, Fresh, etc)			Matrix (type, e.g., Salt, Fresh, etc)			Matrix (type, e.g., Salt, Fresh, etc)		
Temp (C) 27.5 pH 7.87			Temp (C) 23.1 pH 7.23			Temp (C) 24.0 pH 5.74			Temp (C) 22.7 pH 4.94		
Salinity (ppt) 0.07			Salinity (ppt) 0.06			Salinity (ppt) 0.02			Salinity (ppt) 0.01		
☐ dd ☐ dms			☐ dd ☐ dms			☐ dd ☐ dms			☐ dd ☐ dms		
Comments			Comments			Comments			Comments		
Diss. Oxygen 7.17 mg/L % sat			Diss. Oxygen 7.23 mg/L % sat			Diss. Oxygen 4.77 mg/L % sat			Diss. Oxygen 7.59 mg/L % sat		
Sample Depth 0.3 ft			Sample Depth 0.2 ft			Sample Depth 0.3 ft			Sample Depth 0.15 ft		
Sp. Conductance 142 umho/cm			Sp. Conductance 96 umho/cm			Sp. Conductance 43 umho/cm			Sp. Conductance 32 umho/cm		
Composite end Date			Composite end Date			Composite end Date			Composite end Date		
Bottle Group(s) (See pg 2)			Bottle Group(s)			Bottle Group(s)			Bottle Group(s)		

Relinquished By: JW

Date/Time: 5/30/18 1445

Shipping Method: HD

Number of Coolers Shipped: 1

Received By: [Signature]

Date/Time: 5-30-18 1445

Group: A

Bottle Type: P-250ML-WO-THI

of Bottles: 12

Preservative:

ICE

Enter Number of Bottles Sent to Lab

61

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

ECOLI-18QT

Description

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
- ☒ 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

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: ProDSS

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 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. Burchett	5/30/18	755	22.1	8.73	8.73	100	-	1.06	<u>P</u> /F	<u>G</u> /F
ICV	↓	↓	405	22.0	8.74	8.75	100	-	-	<u>P</u> /F	<u>D</u> /F
CCV	Don Woods	↓	1452	26.1	8.10	8.12	100	-	-	<u>P</u> /F	<u>D</u> /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 μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	5/30/18	757	180403A	06/19	1000	1000	<u>P</u> /F	<u>G</u> /F
ICV	↓	↓	807	2802833	01/20	100	100	<u>P</u> /F	<u>D</u> /F
CCV	Don Woods	↓	1453	180403A	01/2019	1000	990	<u>P</u> /F	<u>D</u> /F
CCV	"	↓	1454	2802833	1/2020	100	100	<u>P</u> /F	<u>L</u> /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. Burchett	5/30/18	759	171121A	06/19	7.0	7.0	-20.1	<u>P</u> /F	<u>D</u> /F
Calibr.	↓	↓	801	180116D	01/19	4.0	4.0	139.7	<u>P</u> /F	<u>D</u> /F
Calibr.	↓	↓	803	180221E	09/19	10.0	10.0	-174.9	<u>P</u> /F	<u>G</u> /F
ICV	↓	↓	809	180221E	09/19	10.0	10.0	-175.2	<u>P</u> /F	<u>D</u> /F
CCV	Don Woods	↓	1455	180116D	01/2019	4.0	4.1	132	<u>P</u> /F	<u>L</u> /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 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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: