



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Middle of Lake Francis

Date: 4/23/2018
(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-2018-04-09-52

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
JESSIE Tolbert Jade Burdett					☒	☒	☒	☒	☒	☒ 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# YS1EX03					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	11:30	2.0	0.3	1.3	8.26	97.0	8.20	.06	135	23.4				
CEN			1.5		8.28	97.2	8.23	.06	135	23.4				
Biological Samples Collected: <u>None</u> 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		7341020	12/7/18	☒ <2				
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3				☐ <2				
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice								
Chlorophyll		☒ CHL-SUITE-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					Place Preservative Sticker(s) Here (If Available)			
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:

A-b

Field/WIN ID →
Location ↓



G1TLHR0045



MIDDLE OF LAKE FRANCIS

Signature:

Date:

4/23/18

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By:

Field Report Prepared By:

Sampling Agency:

Field/WIN ID →

Location ↓



G1TLHR0062



BETHEL CREEK @ MILL CREEK

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms

Location

Field ID

WIN/STORET #

Latitude

☐ dd ☐ dms Longitude ☐ dd ☐ dms

Location

Field ID

WIN/STORET #

Latitude

☐ dd ☐ dms Longitude ☐ dd ☐ dms

Location

Field ID

WIN/STORET #

Latitude

☐ dd ☐ dms Longitude ☐ dd ☐ dms

Relinquished By:

Shipping Method

Date/Time

Number of Coolers Shipped:

Received By:

Date/Time

Requester: Chris Green
Collected By: Jessie Tolbert-Jade Butcher

Field Report Prepared By: Tolbert
Sampling Agency: 80341

Location		Field/WIN ID →		Location ↓		Field ID		WIN/STORET #		Latitude		Longitude		Field ID		WIN/STORET #		Latitude		Longitude		Field ID		WIN/STORET #		Latitude		Longitude			
☐ Comp	☐ Grab	Collection (comp begin or grab)	Date	Time	☐ Comp	☐ Grab	Collection (comp begin or grab)	Date	Time	☐ Comp	☐ Grab	Collection (comp begin or grab)	Date	Time	☐ Comp	☐ Grab	Collection (comp begin or grab)	Date	Time	☐ Comp	☐ Grab	Collection (comp begin or grab)	Date	Time	☐ Comp	☐ Grab	Collection (comp begin or grab)	Date	Time		
Matrix (type, e.g., Salt, Fresh, etc)		Fresh		7/13/2018		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		7/13/2018		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		7/13/2018		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		7/13/2018		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		7/13/2018			
Temp (C)		21.2		pH		6.00		Temp (C)		21.2		pH		6.00		Temp (C)		21.2		pH		6.00		Temp (C)		21.2		pH		6.00	
Salinity (ppt)		0.03		Comments		Salinity (ppt)		0.03		Comments		Salinity (ppt)		0.03		Comments		Salinity (ppt)		0.03		Comments		Salinity (ppt)		0.03		Comments			
Diss. Oxygen		7.58		Total Res. Chlorine (mg/L)		Diss. Oxygen		7.58		Total Res. Chlorine (mg/L)		Diss. Oxygen		7.58		Total Res. Chlorine (mg/L)		Diss. Oxygen		7.58		Total Res. Chlorine (mg/L)		Diss. Oxygen		7.58		Total Res. Chlorine (mg/L)			
Sample Depth		15		Sp. Conductance (umho/cm)		Sample Depth		15		Sp. Conductance (umho/cm)		Sample Depth		15		Sp. Conductance (umho/cm)		Sample Depth		15		Sp. Conductance (umho/cm)		Sample Depth		15		Sp. Conductance (umho/cm)			
Bottle Group(s)		A		Bottle Group(s)		Bottle Group(s)		A		Bottle Group(s)		Bottle Group(s)		A		Bottle Group(s)		Bottle Group(s)		A		Bottle Group(s)		Bottle Group(s)		A		Bottle Group(s)			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Tolbert, Butcher	7/23/2018 15:37	HD	1	[Signature]	7/23/18 1540

Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	ECOL-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-PO4-F						

kit A w/ bacteria

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓		Date 4/23/2018 Time 11:30		Date		(See pg 2)
WIN/STOI	G1TLHR0045		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	MIDDLE OF LAKE FRANCIS		Temp (C) 23.41		pH 8.26		A
	Longitude		Salinity (ppt) 0.06		ft Sp. Conductance (umho/cm) 0.3		
	dd dms						
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓		Date 4/23/2018 Time 12:20		Date		
WIN/STOI	G1TLHR0033		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	JUMPING GULLEY CREEK		Temp (C) 20.21		pH 7.30		A
	Longitude		Salinity (ppt) 0.03		ft Sp. Conductance (umho/cm) 0.15		
	dd dms						
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓		Date 4/23/2018 Time 13:00		Date		
WIN/STORET #	G1TLHR0037		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	LITTLE ALAPAH RIVER		Temp (C) 19.7		pH 6.51		A
	Longitude		Salinity (ppt) 0.03		ft Sp. Conductance (umho/cm) 0.15		
	dd dms						
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓		Date 4/23/2018 Time 14:00		Date		
WIN/STORET #	G1TLHR0047		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	SUGAR CREEK @ SUWANNEE RIV		Temp (C) 20.6		pH 7.15		A
	Longitude		Salinity (ppt) 0.06		ft Sp. Conductance (umho/cm) 0.15		
	dd dms						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Talbert, Robert	4/23/2018 15:37	HDA	2	[Signature]	4/23/18 1540

Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ECOLL-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						

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:

E203

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. Burkett	4/23/18	749	22.0	8.74	8.75	100	-	1.06	P/F	D/F
ICV	↓		750	21.0		8.91	100	-	-	P/F	D/F
CCV			15:42	26.1	8.10	8.17	100	-	-	P/F	D/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. Burkett	4/23/18	752	1801163	01/19	1000	1000	P/F	D/F
ICV	↓		802	2710781	09/19	100	96	P/F	D/F
CCV			1543	2710781	09/19	100	95	P/F	D/F
CCV			1545	1801163	01/19	1000	999	P/F	D/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. Burkett	4/23/18	754	171121A	06/19	7.0	7.0	-41.6	P/F	D/F
Calibr.		↓	756	K01161D	01/19	4.0	4.0	136.0	P/F	D/F
Calibr.		↓	758	180222E	09/19	10.0	10.0	-203.8	P/F	D/F
ICV	↓	↓	804	180221E	09/19	10.0	10.0	-204.0	P/F	D/F
CCV			1548	180116D	01/19	4.0	4.26	120	P/F	D/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 10 162.2, slope from 4 to 7 177.6 (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:

