



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Middle of Lake Francis

Date: 2/15/2018
(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:

RQ-2018-02-12-51

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
JESSIE TOBERT Jade Burtchett						☒	☒	☒	☒	☒	☒ 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 / <u>Normal</u> / High / Flooded						Meter ID# 751FX03			Matrix: Fresh / Marine / DI						
Photos: Yes / <u>No</u>						Flow: No Flow / Intertidal / Flowing <u>NA</u>			Tide: Rising/ Falling/ Slack/ <u>NA</u>			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	10:00	0.3	0.3	1.7	79.4	79.8	7.5	08	165	19.2					
CEN	10:05	1.8	1.3		7.31	79.0	7.5	108	164	19.03					
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									
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:

Field/WIN ID

Location



G1TLHR0045



MIDDLE OF LAKE FRANCIS

Signature: JTB

Date: 2-15-2018

Enter Field Parameters, Verify Station ID in LIMS DMT: JTB 2/16/18

(Initials/Date)

QC Station ID, Field Parameters in LIMS DMT: JB 2/16/18

(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

Requester: Chris Green

Field Remont Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

[illegible]

Relinquished By: T Gilbert / B. H. Hart	Date/Time 2-15-18 13:09	Shipping Method FD	Number of Coolers Shipped: 7	Received By: 2/15/18 13:10	Date/Time
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Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-TDS W-TSS	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab

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: Exo 3

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	2/15/18	802	21.08	8.90	8.90	100	-	1.05	P/F	L/F
ICV	↓	↓	812	20.98	8.92	8.92	100	-	-	P/F	L/F
CCV	↓	↓	1319	23.2	8.55	8.59	100	-	1.05	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. Burkett	2/15/18	804	180116B	01/19	1000	1000	P/F	L/F
ICV	↓	↓	814	271078	09/19	100	98	P/F	L/F
CCV	↓	↓	1321	271078	09/19	100	95	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. Burkett	2/15/18	406	171121A	06/19	7.0	7.0	-21.1	P/F	L/F
Calibr.	↓	↓	808	180116D	01/19	4.0	4.0	152.6	P/F	L/F
Calibr.	↓	↓	810	171121B	06/19	10.0	10.0	-196.1	P/F	L/F
ICV	↓	↓	816	171121B	06/19	10.0	10.0	-194.0	P/F	L/F
CCV			1324	180116D	01/19	4.0	4.1	149	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 10 175.0, slope from 4 to 7 173.7 (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 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:

