



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Middle of Lake Francis

Date: 05/17/2018
(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-2018-05-14-31

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Burkett M. Eckles						☒	☒	☒	☒	☒	☐ 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# P00055				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) ☒ %SAT	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)						
EST	1010	2.2	0.3	1.6	65 → 5.27	7.40	0.06	126	26.1						
CEN	1015		1.7		5.36 66	7.41	0.06	124	26.0						
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		SA7233030	5/21/18	☒ <2					
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3				☐ <2					
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 um Filter				☒ Ice									
Chlorophyll		☒ CHL-SUITE-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: 05/17/18

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)

kit A w/ bacteria

Customer: TLH-ROC

Project ID: SMP

Requester:

Collected By:

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

Chris Green

M. Eckles, J. Burchetta

Field Report Prepared By:

Sampling Agency:

exp. 4/21/11
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[illegible]

Relinquished By:

Date/Time 05/17/18:

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	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
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	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
	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: ProDSS

RQ-

Project: SM3 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	5/17/18	753	22.0	8.74	8.75	100	-	1.07	☒ P/F	☒ F
ICV	↓	↓	463	21.3	8.86	8.83	100	-	-	☒ P/F	☒ F
CCV	↓	↓		21.1	7.95	7.91	100	-	-	☒ P/F	☒ 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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	5/17/18	755	180403A	04/19	1000	1000	☒ P/F	☒ F
ICV	↓	↓	805	2802833	01/20	100	101	☒ P/F	☒ F
CCV	↓	↓		180403A	04/19	1000	998	☒ P/F	☒ 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. Burchett	5/17/18	757	171121A	06/19	7.0	7.0	-21.4	☒ P/F	☒ F
Calibr.	↓	↓	759	180116D	01/19	4.0	4.0	135.3	☒ P/F	☒ F
Calibr.	↓	↓	461	180221E	04/19	10.0	10.0	-178.4	☒ P/F	☒ F
ICV	↓	↓	807	180221E	04/19	10.0	10.0	-177.0	☒ P/F	☒ F
CCV	↓	↓		180116D	01/19	4.0	4.0	135.5	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 10 155.9 slope from 4 to 7 156.7 (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 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: