



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?
Yes / No

WIN Station Name: Middle of Lake Francis

Date: 6-4-18
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0045

WBID: 3366A

Latitude: 30.466453

(Decimal Degrees)

County: Madison

ORG ID: 21FTLHR

Longitude: 83.40768

(Decimal Degrees)

Receiving Body of Water: NA

RQ-2018- 05-14-54

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Paul Blair Jon Woods						☒	☒	☒	☒	☒	☒ 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# YSI EXO 3				Matrix: Fresh / Marine / DI					
Photos: Yes / ☒ No						Flow: No Flow / Intertidal / 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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)					
EST	11:35	1.4	0.3	1.4	7.54	100.6	8.2	0.07	145	30.3					
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 ☐ 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		☒ CHLSUITE-W				☒ Ice									
Physical/Aggregate (Fresh)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-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:

A-b

Signature: Paul Blair

Field/WIN ID →

Location ↓



G1TLHR0045



MIDDLE OF LAKE FRANCIS

6-4-18

Enter Field Parameters, Verify Station ID in LIMS DMT: 6-25-18

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets 6-25-18

Migrate Data to WIN:

Verify Data in WIN:

Field Report Prepared By:

Collected By: Blair Woods

8034
Sampling Agency:

Relinquished By: Blair Woods	Date/Time 6-4-18 16:01	Shipping Method hand delivered	Number of Coolers Shipped:	Received By: 	Date/Time 6/4/18 4:03
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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: G1 SMP 1406

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 4/16

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.	Jon Woods	6/4/18	924	23.0	8.56	8.54	100	—	1.06	P / F	L / F
ICV	"	"	936	23.0	8.58	8.60	100	—	—	P / F	L / F
CCV	Paul Blair	"	16:15	26.3	8.07	8.18	101.8	—	"	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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Jon Woods	6/4/18	926	180403A	04/2019	1000	1000	P / F	L / F
ICV	"	"	934	2802833	01/2020	100	100	P / F	L / F
CCV	Paul Blair	"	16:17	180403A	4-19	1000	1000	P / F	L / F
CCV	"	"	16:18	2802833	1-20	100	101	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.	Jon Woods	6/4/18	928	171121A	06/2019	7.0	7.0	-45.6	P / F	L / F
Calibr.	"	"	930	180116D	01/2019	4.0	4.0	132.1	P / F	L / F
Calibr.	"	"	931	180221E	09/2019	10.0	10.0	-211.5	P / F	L / F
ICV	"	"	933	"	"	10.0	10.0	-211.2	P / F	L / F
CCV	Paul Blair	6-4-18	16:20	180116D	1-19	4.0	4.0	122.4	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 10 165.9, slope from 4 to 7 177.7 (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 4/18

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: