



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Middle of Lake Francis

Date: 6/25/2016
(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				
San Woods Jade Bustchett					X	X	X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole		
										☐ Carboy	☒ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with YSI				
										Equipment ID EXO 3				
										Collection Method				
										☐ Wading	☐ Canoe/Kayak			
										☐ From Shore	☐ Electric Motor			
										☐ Other	☒ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded					Meter ID# 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 (umhos/cm)	Temp. (C°)				
EST	1040	2.4	0.3	0.4	10.11	136	8.89	0.05	107	31.72				
CEN	1045		1.9		3.39	46.2	7.53	0.06	125	31.39				
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		8/01020	4/11/19	☒ <2			
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3				☐ <2			
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice							
Chlorophyll		☒ CHLSUITE-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: A-b	Field/WIN ID →	
	Location ↓	G1TLHR0045
Signature: [Signature]		Date: 6/25/16

Enter Field Parameters, Verify Station ID in LIMS DMT: JB 7/3/18	QC Station ID, Field Parameters in LIMS DMT: [Blank]
Scan/Save Field Sheets JB 7/3/18	Verify Data in WIN: [Blank]
(Initials/Date)	(Initials/Date)

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: Exo3

RQ:

Project:

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 6/18

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. Burdett	6/25/18	745	22.7	8.63	8.63	100	-	1.05	P/F	L/F
ICV	✓	✓	755	26.7	8.79	8.79	100	-	-	P/F	L/F
CCV	✓	✓	1452	26.3	7.79	7.79	100	-	-	P/F	L/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. Burdett	6/25/18	747	180403A	04/19	1060	1000	P/F	L/F
ICV	✓	✓	757	280283	01/20	100	100	P/F	L/F
CCV	✓	✓	1452	280283	01/20	100	99	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. Burdett	6/25/18	749	171121A	06/19	7.0	7.0	-38.9	P/F	L/F
Calibr.	✓	✓	751	180160	01/19	4.0	4.0	135.4	P/F	L/F
Calibr.	✓	✓	753	180221	09/19	10.0	10.0	-208.6	P/F	L/F
ICV	✓	✓	759	180221	09/19	10.0	10.0	-209.6	P/F	L/F
CCV			1454	180160	01/19	4.0	4.0	135.3	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 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 3/18

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:

kit A w/ bacteria

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Woods

Project ID: SMP

Collected By: Woods/Bryant

Sampling Agency: 8034

Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Location ↓		Date 6/25/18 Time 1040		Date		(See pg 2)	
WIN/STI			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 10.11 mg/L % sat		Total Res. Chlorine (mg/L)	
Latitude			Temp (C) 31.72 pH 8.89		Sample Depth 0.3 ft		Sp. Conductance (umho/cm) 107	
			Salinity (ppt) 0.05		Comments			
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Location ↓		Date 6/25/18 Time 1155		Date		(See pg 2)	
WIN/STOF			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.77 mg/L % sat		Total Res. Chlorine (mg/L)	
Latitude			Temp (C) 26.26 pH 7.58		Sample Depth 2.1 ft		Sp. Conductance (umho/cm) 136	
			Salinity (ppt) 0.06		Comments			
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Location ↓		Date 6/25/18 Time 1250		Date		(See pg 2)	
WIN/STORET			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.72 mg/L % sat		Total Res. Chlorine (mg/L)	
Latitude			Temp (C) 26.57 pH 6.33		Sample Depth 0.15 ft		Sp. Conductance (umho/cm) 72	
			Salinity (ppt) 0.03		Comments			
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Location ↓		Date 6/25/18 Time 1443		Date		(See pg 2)	
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine (mg/L)	
Latitude			Temp (C)		Sample Depth		Sp. Conductance (umho/cm)	
			Salinity (ppt)		Comments			

Relinquished By: J-W	Date/Time: 6/25/18 1443	Shipping Method: HMO	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 6/25/18 1444
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Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	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	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	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	3
	W-PO4-F						

Lot # 8101020
exp 4/11/9