



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lexington Creek @ Timberlane Rd

Date: 5/24/2016
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0088

WBID: 758

Latitude: 30.50643

(Decimal Degrees)

County: Leon

ORG ID: 21FTLHR

Longitude: -84.28378

(Decimal Degrees)

Receiving Body of Water: Lake Jackson

RQ-2018- 05-14-91

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Jon Woods Jade Butchett					X	X	X	X	X	☒ 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# PCO DSS					Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes <u>No</u>					Flow: No Flow / Intestinal / <u>Flowing</u> / NA					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 (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)				
EST	1350	0.1	0.05	0.1	7.69	95.4	7.655	0.04	92	24.9				
CEN				S										
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		4085170	3/26/19	☒ <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							
		W-E8321-01 W-E8321-MS												
Notes: pH failed calibration check														
A-b/t/m														
Place Label Here														
Signature: [Signature] Date: 5/24/16														

Enter Field Parameters, Verify Station ID In LIMS DMT:

5/27/18

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Field Report Prepared By: J. Woods

Collected By: J. Woods

Sampling Agency: 4034

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Time	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen 7.89	Total Res. Chlorine (mg/L)	A
WIN/STORET #	Temp (C)	24.9	pH	7.65	Sample Depth	92
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.04	Comments
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Composite end Date	Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen	Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)		pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Composite end Date	Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen	Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)		pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Composite end Date	Time	Bottle Group(s)
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Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Composite end Date	Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen	Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)		pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	

Relinquished By: JW

Date/Time

5/24/18 1410

Shipping Method

HD

Number of Coolers Shipped: 1

Received By: APB

Date/Time

5/24/18 1410

Group: A	Bottle Type: P-1L	# of Bottles: 15	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: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
CHLSUITE-W						
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
ECOLI-18QT						
Group: A	Bottle Type: QPCR-P-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
PCR-FILTER						
Group: A	Bottle Type: BG-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
W-E8321-DI						
W-E8321-MS						
Group: A	Bottle Type: P-500ML	# of Bottles: 15	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	/
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
H2SO4 LOT# SA885170 EXP: 03/26/19						
Group: A	Bottle Type: P-125ML	# of Bottles: 15	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: D10055

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 4/17

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	5/24/18	757	22.2	8.71	8.71	100	-	1.0	P / F	L / F
ICV		✓	807	21.6	8.81	8.82	100	-	-	P / F	L / F
CCV	Jon Woods	✓	1416	25.5	8.18	8.18	100	-	-	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	5/24/18	759	180403A	04/19	1000	1000	P / F	L / F
ICV		✓	809	2802833	01/20	100	101	P / F	L / F
CCV	Jon Woods	✓	1420	2802833	1/20	100	100	P / F	L / F
CCV	//			180403A	4/19	1000	999	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	5/24/18	801	17121A	06/19	7.0	7.0	-20.5	P / F	L / F
Calibr.		✓	803	180116D	06/19	4.0	4.0	134.5	P / F	L / F
Calibr.		✓	805	180221E	09/19	10.0	10.0	-18.4	P / F	L / F
ICV		✓	811	180221E	09/19	10.0	10.0	-171.6	P / F	L / F
CCV	Jon Woods			180116D	06/19	4.0	4.8	89.2	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 4/17

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: