



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lake Overstreet Drain @ N Meridian Rd

Date: 05-10-2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0069

WBID: 689

Latitude: 30.5138

County: Leon

ORG ID: 21FLTLHR

Longitude: -84.2773

(Decimal Degrees)

Receiving Body of Water: Lake Jackson

RQ-2018- 05-14-41
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
Chris Green Jessie Tolbert #1					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole							
										☐ Carboy	☒ Syringe								
										☐ Dipper	☐ Other								
Depth Measured with YSI					Equipment ID 12 YSI 600 XLM					Collection Method									
					☒	☐	☐	☐	☐	☒ Wading	☐ Canoe/Kayak								
										☐ From Shore	☐ Electric Motor								
										☐ Other	☐ Gasoline Motor								
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded					Meter ID# 12 YSI 600 XLM					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)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)									
EST	9:45	0.1	0.05	0.15	9.88	109.0	7.48	0.10	219	20.24									
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		5A 7233070	8/21/18	☒ <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-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/t/m

Place Label Here

Signature:

Date:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

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: 12 YSI 600 XLM

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 4/18

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.	Chris Green	5-10-18	8:00	21.66	8.8	8.8	100.1	56.3	0.78	P/F	L/F
ICV	11	11	8:30	21.37	8.8	8.9	100.8	—	—	P/F	L/F
CCV	11	11	15:06	24.03	8.4	8.5	101.2	—	—	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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Chris Green	5-10-18	8:15	180403A	04/19	1000	1000	P/F	L/F
ICV	11	11	8:28	2802833	01/20	100	100	P/F	L/F
CCV	11	11	15:04	170630B	7/18	500	497	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.	Chris Green	5-10-18	8:17	171121A	6/19	7.0	7.00	-29.4	P/F	L/F
Calibr.	11	11	8:20	180116D	1/19	4.0	4.00	143.3	P/F	L/F
Calibr.	11	11	8:23	180221E	9/19	10.0	9.99	-798.8	P/F	L/F
ICV	11	11	8:25	11	11	11	10.00	—	P/F	L/F
CCV	11	11	15:00	171121A	6/19	7.0	7.03	—	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 10 169.4, slope from 4 to 7 172.7 (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

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:

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Chris Green/Jessie Tolbert IIIField Report Prepared By: Chris GreenSampling Agency: 8034

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>5-10-2018</u> Time <u>9:45</u>		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>9.88</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C) <u>20.24</u>		pH <u>7.48</u>		Sample Depth <u>0.05</u> m		Sp. Conductance (umho/cm) <u>219</u>	
Latitude		☐ dd ☐ dms		Salinity (ppt) <u>0.10</u>		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		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Salinity (ppt)		Comments			
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Latitude		☐ 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		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Salinity (ppt)		Comments			

Relinquished By: C. Green

Date/Time

5-10-2018

Shipping Method

Hand

Number of Coolers Shipped:

Received By:

ABJ

Date/Time

5-10-1813:3513:35