



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: 03/27/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0069

WBID: 689

Latitude: 30.5138

(Decimal Degrees)

County: Leon

ORG ID: 21FLTLHR

Longitude: -84.2773

(Decimal Degrees)

Receiving Body of Water: Lake Jackson

RQ-2018- 02-26-64

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Burchett D. Blair					☒	☒	☒	☒	☒	☒ 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 <u>High</u> Flooded					Meter ID# <u>Exc 3</u>					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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)				
EST	950	<u>0.04</u>	<u>0.02</u>	<u>0.04</u>	6.85	69	7.10	0.09	189	15.47				
CEN				<u>5</u>										
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	DA 7341020	6/12/18	☒ <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/t/m

Field/WIN ID →
Location ↓



G1TLHR0069

Lake Overstreet Drain @ N Meridian Rd

Signature: [Signature]

Date: 03/27/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 3/30/18

QC Station ID, Field Parameters In LIMS DMT: PB 3-2-18

Scan/Save Field Sheets JB 3/30/18 Migrate Data to WIN: [Signature]

Verify Data In WIN: [Signature]

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:

Exo 3

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

12/17

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. Burtchett	4000	3/27/18	18.18	9.43	9.44	100	-	1.06	P/F	L/F
ICV	↓	↓ 810	↓	17.9	9.49	9.47	100	-	-	P/F	L/F
CCV	↓	↓	↓ 1308	17.6		9.54	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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	3/27/18	802	180116 B	6/1/19	1000	1000	P/F	L/F
ICV	↓	↓	812	2710781	06/19	100	96	P/F	L/F
CCV	↓	↓	1306	2802833	01/20	100	95	P/F	L/F
CCV			1308	180116A	01/19	1000	998	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. Burtchett	3/27/18	804	171121A	06/19	7.0	7.0	-33.1	P/F	L/F
Calibr.		↓	806	180116D	06/19	4.0	4.0	135.2	P/F	L/F
Calibr.	↓	↓	808	180221E	06/19	10.0	10.0	-202.5	P/F	L/F
ICV	↓	↓	814	180221E	06/19	10.0	10.0	-202.8	P/F	L/F
CCV		↓	1310	180116C	06/19	4.0	4.0	136.7	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 7 172.3 (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

12/17

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:

Group: A	Bottle Type: P-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-TDS W-TSS						
Group: A	Bottle Type: BP-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
CHLSUITE-W						
Group: A	Bottle Type: P-120ML-OC	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
FCOLI-MF						
Group: A	Bottle Type: QPCR-P-250ML	# of Bottles: 30	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
PCR-FILTER						
Group: A	Bottle Type: BG-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
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	4
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type: P-125ML	# of Bottles: 15	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
W-PO4-F						