



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Double Bayou 800m upstream from Lake Wimico

Date: 8-22-18
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0003

WBID: 1262

Latitude: 29.79101

(Decimal Degrees)

County: Gulf

ORG ID: 21FLTLHR

Longitude: 85.107683

(Decimal Degrees)

Receiving Body of Water: Lake Wimico

RQ-2018- 08-20-61

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment					
Chris Green Paul 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# YSE 600 xlm #12					Matrix: <u>Fresh</u> / Marine / DI					
Photos: <u>Yes</u> / No					Flow: No Flow / Intestinal / <u>Flowing</u> / NA					Tide: Rising/ Falling/ <u>Slack</u> / 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	12:20	3.1	0.3	0.8	7.12	90.3	7.09	0.06	139	27.58					
CEN	12:25		2.6			5.40	65.7	6.83	0.07	147	26.04				
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		548055170	3/24/19	☒ <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-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 →



G2TLHR0003

Location ↓

Double Bayou 800m upstream from Lake Wimico

Signature:

CLB

Date:

8-23-18 8-22-18

Enter Field Parameters, Verify Station ID In LIMS DMT:

CLB 8-23-18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

CLB 8-23-18

Migrate Data to WIN:

Verify Data In WIN:

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: TLH-ROC
Project ID: SMP

Requester: Michael Eckles

Collected By: Chris Green

Field Report Prepared By:

Sampling Agency: 5034

Field/WIN ID		Location		Temp (C)		pH		Sample Depth		Diss. Oxygen		Sp. Conductance		Total Res. Chlorine		Bottle Group(s)	
Field/WIN ID →		Location ↓		Temp (C)		pH		Sample Depth		Diss. Oxygen		Sp. Conductance		Total Res. Chlorine		Bottle Group(s)	
G2TLHR0033		Horseshoe Creek 100m upstream from Intercoastal/Lake Wimico		27.8°C		6.80		0.3		5.10		0.3		143		A	
Field/WIN ID →		Location ↓		Temp (C)		pH		Sample Depth		Diss. Oxygen		Sp. Conductance		Total Res. Chlorine		Bottle Group(s)	
G2TLHR0003		Double Bayou 800m upstream from Lake Wimico		27.5°C		7.09		0.3		7.12		0.3		143		A	
Field/WIN ID →		Location ↓		Temp (C)		pH		Sample Depth		Diss. Oxygen		Sp. Conductance		Total Res. Chlorine		Bottle Group(s)	
G2TLHR0014		SAUL CREEK @ MOUTH		26.2°C		6.89		0.3		5.27		0.3		120		A	
Field/WIN ID →		Location ↓		Temp (C)		pH		Sample Depth		Diss. Oxygen		Sp. Conductance		Total Res. Chlorine		Bottle Group(s)	
G2TLHR0013		BROTHERS RIVER @ MOUTH		26.2°C		6.96		0.3		5.23		0.3		143		A	

Relinquished By:

Data/Times

101

Number of Coolers Shipped.

Received By:

1141

15:45

ing Method
Hand

Received By:

Date/Time

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: YST 600 XLM #12

RQ: 2018-08-20-61

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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 8/20/18

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Chris Green	8-22-18	8:00	18.78	758.0	9.31	9.29	99.7	58.4	0.91	P / F	L / F
ICV			8:20	20.11	—	9.04	8.90	98.0	—	—	P / F	L / F
CCV			15:58	24.63	—	8.32	8.30	99.7	—	—	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 (Pro DSS 0.75 to 1.50); 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.	Chris Green	8-22-18	8:10	180403A	4/19	1000	1000	P / F	L / F
ICV			8:19	2802833	01/20	100	100	P / F	L / F
CCV			15:55	170630B	7/18	500	501	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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Chris Green	8-22-18	8:12	180621E	1/20	7.00	19.54	7.00	25.9	P / F	L / F
Calibr.			8:14	180510B	5/19	4.00	19.51	4.00	146.1	P / F	L / F
Calibr.			8:16	180221E	9/19	10.00	19.49	9.99	197.0	P / F	L / F
ICV			8:18	11	11	11	19.48	10.00	—	P / F	L / F
CCV			15:53	180510B	5/19	4.00	19.55	4.02	—	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 10 171.1, slope from 4 to 7 172.0 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 7/18

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: #2; Date of last 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: