



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Horseshoe Creek 100m upstream from Intercoastal/Lake Wimico

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

WIN/ Field ID: G2TLHR0033

WBID: 1272

Latitude: 29.843985

(Decimal Degrees)

County: Gulf

ORG ID: 21FLTLHR

Longitude: 85.212303

(Decimal Degrees)

Receiving Body of Water: Intercoastal/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# YSI 600XLm #12				Matrix: <u>Fresh</u> / Marine / DI				
Photos: <u>Yes</u> / No				Flow: No Flow / Intertidal / <u>Flowing</u> / 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	11:45	1.4	0.3	0.9	5.10	64.8	6.80	0.07	143	27.86		
CEN												
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		SA8055170	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-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 ↓

Horseshoe Creek 100m upstream from
Intercoastal/Lake Wimico



G2TLHR0033

Signature: [Signature]

Date: 8-22-18

Enter Field Parameters, Verify Station ID In LIMS DMT: 06 8-23-18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets 06 8-23-18

Migrate Data to WIN:

Verify Data In WIN:

Request Number: RQ-2018-08-20-61
Run 8

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC
Project ID: SMP

Requester: Michael Eckles
Collected By: Chris Green / Paul Blair

Field Report Prepared By: C. Green
Sampling Agency: 8034

Field	Field/WIN ID	Location	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance	mg/L Total Res. Chlorine	Bottle Group(s)
Field	Field/WIN ID →	Location ↓	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance	mg/L Total Res. Chlorine	Bottle Group(s)
Field	G2TLHR0033	Horseshoe Creek 100m upstream from Intercoastal/Lake Wimico	27.86	0.07	6.80	5.10	0.3	143		A
Field	Field/WIN ID →	Location ↓	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance	mg/L Total Res. Chlorine	Bottle Group(s)
Field	G2TLHR0014	Double Bayou 800m upstream from Lake Wimico	27.58	0.06	7.09	7.12	0.3			A
Field	Field/WIN ID →	Location ↓	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance	mg/L Total Res. Chlorine	Bottle Group(s)
Field	G2TLHR0014	SAUL CREEK @ MOUTH	26.28	0.06	6.89	5.27	0.3	120		A
Field	Field/WIN ID →	Location ↓	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance	mg/L Total Res. Chlorine	Bottle Group(s)
Field	G2TLHR0013	BROTHERS RIVER @ MOUTH	26.23	0.06	6.96	5.23	0.3			A

Relinquished By: C. Green Date/Time: 8-22-18 Shipping Method: Hand Number of Coolers Shipped: Received By: Tyler L Date/Time: 08/24/18

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: YSI 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 mhos/cm	Meter Reading μ mhos/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 $\pm$ 50;

mV pH 4 Range +180 $\pm$ 50;

mV pH 10 Range -180 $\pm$ 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: