



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2019

WIN Station Name: Horseshoe Creek 100m upstream from Inter-coastal/Lake Wimico

Date: 5-2-19
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0033

WBID: 1272

Latitude: 29.8439

(Decimal Degrees)

County: Gulf

ORG ID: 21FTLHR

Longitude: 85.2123

(Decimal Degrees)

Receiving Body of Water: Inter-coastal/Lake Wimico

RQ: 2019-04-29-70

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
Paul Blair Jon White					☒	☒	☒	☒	☒	☒ 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 / High / Flooded					Meter ID# 153484					Matrix: Fresh / Marine / DI									
Photos: Yes / No					Flow: No Flow / Intertidal / Flowing / NA					Tide: Rising/ Falling/ Slack/ NA					Tide Times: High Low				
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO 1.50 (mg/L)	DO 91.4 (%SAT)	pH 6.76	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)									
EST	11:40	2.8	0.3	1.4	2.79	95.2	6.87	0.06	121	25.5									
CEN	11:45		2.3		1.70	19.6	5.25	0.04	1096.9	23.4									
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		9344070		12-10-19 ☒ <2								
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3				☐ <2								
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice												
Chlorophyll		☒ CHLSUIT-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-BR-IC / W-F / W-TSS / TURBIDITY					☐ Ice												
Macroinvertebrates		☐ MI-FW-Q/LDC					☐ Formalin												
Periphyton		☐ ALGAE-ID					☐ Ice												
Microbiology		☒ E Coli ☐ F Coli ☐ Enterococci					☒ Ice												
Molecular		☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD					☐ Ice												
Tracers		☐ W-E8321-DI ☐ W-E8321-MS					☐ Ice												
Pesticides		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CAR8-AA					☐ Ice												
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice												

Notes:

Need scanning

Field/WIN ID →



G2TLHR0033

Location ↓

Horseshoe Creek 100m upstream from
Intercoastal/Lake Wimico

Signature: Paul Blair

Date: 5-2-19

LIMS EVENT ID: TLH-ROC-2019-05-03-01

WIN Import ID: 12743

Enter Field Parameters, Verify Station ID In LIMS DMT: 26 5/21/19

QC Station ID, Field Parameters In LIMS DMT: PB 5-28-19

Scan/Save Field Sheets 26 6-13-19

Migrate Data to WIN: 26 6-13-19

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Requester: Michael Eckles

Field Report Prepared By:

Collected By: Bair Woods

Sampling Agency:

Relinquished By: Blair	Date/Time 5-2-19 16:49	Shipping Method hand	Number of Coolers Shipped:	Received By: Kk	Date/Time 5-2-19 / 16:55
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Group: D	Bottle Type:	P-1L	# of Bottles: 2	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: D	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	CHLSUITE-W						
Group: D	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	ECOLI-18QT						
Group: D	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	
	W-ICP				8344050		
	W-ICPMS						
Group: D	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	
	W-NH3				8344070		
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: D	Bottle Type:	P-125ML	# of Bottles: 2	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 are qualified data on this page.

Meter ID: 153464

RQ: 2019-04-29-75

Project: SMP1905

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 4/2019

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.	Jon Woods	5/2/19	814	20.2	762.6	9.0	9.07	100.1	—	1.04	P / F	L / F
ICV	"	"	830	22.2	760.7	8.7	8.69	99.9	—	—	P / F	L / F
CCV	"	"	1559	24.7	757.7	8.31	8.40	101.1	—	—	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.	Jon Woods	5/2/19	816	80621C	7/2019	1000	1000	P / F	L / F
ICV	"	"	828	2808684	7/2020	100	104	P / F	L / F
CCV	"	"	1601	140621B	7/2019	50.000	50910	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.	Jon Woods	5/2/19	819	140403C	10/2019	7.02	21.0	7.02	-36.3	P / F	L / F
Calibr.	"	"	822	180621D	7/2019	4.00	21.2	4.00	139.6	P / F	L / F
Calibr.	"	"	825	140621F	1/2020	10.04	21.2	10.04	-204.1	P / F	L / F
ICV	"	"	827	"	"	10.0	21.2	10.01	-203.8	P / F	L / F
CCV	"	"	1602	140621D	7/2019	4.00	21.2	4.06	135.4	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 10 167.4, slope from 4 to 7 175.9 (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: 4/2019

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; 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	Jon Woods	5/21/19	826	0.00	0.00	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: