



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: **Sandy Creek Upstream Boat Ramp**

Date: **1/29/2019**
(mm/dd/yyyy)

WIN ID/ Field ID **G3TLHR0037**

WBID: **1111**

Latitude: **30.1145**

(Decimal Degrees)

County: **Bay**

ORG ID: **21FTLHR**

Longitude: **-85.4172**

(Decimal Degrees)

Receiving Body of Water: **East Bay (Gulf of Mexico)**

RQ - **2019-01-21-13**

Sampling Team Members							Sampling Equipment				
	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	☒ 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/ <u>Normal</u> / High/ Flooded							Meter ID# 155075	Matrix: <u>Fresh</u> / Marine / DI			
Photos: Yes <u>No</u>		Flow: No Flow / Intertidal / <u>Flowing</u> / NA		Tide: Rising/ Falling/ Slack <u>NA</u>		Tide Times: High Low					

Field Sample

(Bracket Sample Time)

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	1240	3.0	0.3	0.6	6.71	62.0	4.90	0.02	41	12.6
CEN	1243		2.5		6.56	60.7	4.88	0.02	41	12.6

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	6274050	10/1/19	☒ <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-BR-IC / 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-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-DI ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

QA/QC Sample Information Duplicate

Time Zone: <u>EST</u> CEN		Time: <u>1245</u>		Field ID: <u>G3TLHR0037_DUP</u>	
(WIN ID_DUP)					
WIN DMT Activity ID:					
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	<u>8274050</u>	<u>10/1/19</u>	☒ < 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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E-3821-MS ☐ W-CARB-AA	☐ Ice			

Blank

Time Zone: EST CEN		Time: _____		Field ID: _____	
(Blank Type_DDMMYYYY)					
DI Source: _____		Location: _____			
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____			
WIN DMT Blank Batch ID:					
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			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ 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			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-MS ☐ W-CARB-AA	☐ Other			
Microbiology	☐ E.coli ☐ F. Coliform ☐ Enterococci				

Notes:

Field/WIN ID → 
Location ↓ Sandy Creek Upstream of Boat Ramp

Field ID → 
Location → Sandy Creek Upstream of Boat Ramp

Signature: 

WIN ID → 
Date: 1/29/19

LIMS EVENT ID: TLHROC-2019-01-29-02

WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: J 2/15/19
(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT: _____
(Initials/Date)

Scan/Save Field Sheets _____
(Initials/Date)

Migrate Data to WIN: _____
(Initials/Date)

Verify Data In WIN: _____
(Initials/Date)

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: 155075

RQ: 2019.01.21.13

Project: SMP 1901

- 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 12/31/18

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.	Jon Woods	1/29/18	821	20.0	756.4	9.03	9.06	99.5	-	1.02	P/F	L/F
ICV	"	"	836	19.4	756.4	9.14	9.20	100.7	-	-	P/F	L/F
CCV	"	"	1542	21.5	756.8	8.77	8.79	100	-	-	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	1/29/18	823	180621C	7/2019	1000	1000	P/F	L/F
ICV	"	"	834	1805481	5/2020	100	102	P/F	L/F
CCV	"	"	1544	190221A	3/2019	500	503	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	1/29/18	825	180403C	10/2019	7.02	19.6	7.02	-12.2	P/F	L/F
Calibr.	"	"	826	180621D	7/2019	4.00	19.5	4.00	162.2	P/F	L/F
Calibr.	"	"	826	180621F	1/2020	10.07	19.4	10.07	-178.6	P/F	L/F
ICV	"	"	832	"	"	10.0	19.4	10.04	-176.6	P/F	L/F
CCV	"	1/1	1545	180621D	7/2019	4.00	19.6	4.01	160.8	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 _____, slope from 4 to 7 _____ (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: _____

If NO, what will be used? (circle one) Secchi Disk Line Sonar Unique ID: # 1; Date of last verification: 1/9/19

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

Requester: Michael Eckles

Field Report Prepared By: Jon Woods

Project ID: SMP

Collected By: Woods/ChicSampling Agency: 8034

Locatic	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)	Time	Time	Date	Date	(See pg 2)
WIN/ST		Temp (C)	12.6	1216	8.67	122	A
Latitude		Salinity (ppt)	0.06		Sp. Conductance (umho/cm)		
		Comments					
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)	Time	Time	Date	Date	(See pg 2)
WIN/ST		Temp (C)	12.6	1230	8.32	52.2	A
Latitude		Salinity (ppt)	0.02		Sp. Conductance (umho/cm)		
		Comments					
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)	Time	Time	Date	Date	(See pg 2)
WIN/ST		Temp (C)	12.6	1240	8.71	41	A
Latitude		Salinity (ppt)	0.02		Sp. Conductance (umho/cm)		
		Comments					
Location	Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)	Time	Time	Date	Date	(See pg 2)
WIN/ST		Temp (C)	12.6	1245	8.71	41	A
Latitude		Salinity (ppt)	0.02		Sp. Conductance (umho/cm)		
		Comments					

Relinquished By: <u>SW</u>	Date/Time: <u>1/29/19 1526</u>	Shipping Method: <u>HD</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>[Signature]</u>	Date/Time: <u>1/29/19 1535</u>
----------------------------	--------------------------------	----------------------------	-------------------------------------	---------------------------------	--------------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ECOLL-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	ALKALINITY						
	TURBIDITY						
	W-BR-IC						
	W-F						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	ENT-24-QT						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	FCOLL-MF						

8274050
Exp. 10/1/19

Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: ENT-24-QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: FCOLI-MF	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab

