



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?
Yes / No

January 2018

WIN Station Name: Waccasassa River @ Boat Ramp

Date: 04/27/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0032

WBID: 3699A

Latitude: 29.2132

(Decimal Degrees)

County: Levy

ORG ID: 21FLTLHR

Longitude: 82.96275

(Decimal Degrees)

Receiving Body of Water: Gulf Mexico

RQ-2018- 04-30-84

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Son Woods						X	X			
Jude Burkett						X	X	X	X	

Sampling Equipment			
☒ Sample Container	☐ Van Dorn	☐ Pole	
☐ Carboy	☒ Syringe		
☐ Dipper	☐ Other		
Depth Measured with <u>YSI</u>			
Equipment ID <u>154177</u>			

Collection Method			
☒ Wading	☐ Canoe/Kayak		
☐ From Shore	☐ Electric Motor		
☐ Other	☐ Gasoline Motor		

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded Meter ID# 154177 Matrix: Fresh / Marine DI

Photos: Yes / No Flow: No Flow / Intestinal / Flowing / 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 (umhos/cm)	Temp. (C°)
EST	12	0.6	0.3	0.7	5.05	61.5	7.22	0.10	217	25.6
CEN										

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	<u>80465170</u>	<u>3/26/19</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um 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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here (If Available)

Notes:
Kit: A-b

Field/WIN ID →



G1TLHR0032

Location ↓

Waccasassa River @ Boat Ramp

Signature: [Signature]

Date: 8/27/18

Enter Field Parameters, Verify Station ID In LIMS DMT: [Signature] 8/31/18

QC Station ID, Field Parameters In LIMS DMT: _____

Scan/Save Field Sheets [Signature] 8/31/18

(Initials/Date)

Migrate Data to WIN: _____

(Initials/Date)

Verify Data In WIN: _____

(Initials/Date)

(Initials/Date)

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Field Report Prepared By:

Collected By:

Sampling Agency:

[illegible]

Relinquished By: 	Date/Time 8/27/18 1455	Shipping Method H0	Number of Coolers Shipped:	Received By: 	Date/Time 8/27/18 1436
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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: 154177

RQ-

Project: SmP2018

- 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 6/18

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.	J. Burdett	8/27/18	747	19.9	760.4	9.11	9.11	100	-	1.04	P/F	S/F
ICV	↓	↓	757	19.3	760.5	9.22	9.20	100	-	-	P/F	L/F
CCV	↓	↓	1500	24.0	759.7	8.41	8.40	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.	J. Burdett	8/27/18	749	180403A	09/19	1000	1000	P/F	S/F
ICV	↓	↓	759	2802833	01/20	100	100	P/F	L/F
CCV	↓	↓	1504	180403A	4/2019	1000	1030	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.	J. Burdett	8/27/18	751	1806216	01/20	7.0	20.3	7.0	-18.8	P/F	S/F
Calibr.	↓	↓	753	1805003	05/19	4.0	20.3	4.0	158.1	P/F	L/F
Calibr.	↓	↓	755	1802216	09/19	10.0	19.7	10.0	-186.4	P/F	L/F
ICV	↓	↓	801	1802216	09/19	10.0	20.1	10.0	-188.3	P/F	L/F
CCV	↓	↓	1505	1805103	5/19	4.0	21.3	4.0	156.0	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 1, slope from 4 to 7 1 (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: ; 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	J. Burdett	8/27/18	745	0.00	0.0	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: