



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Waccasassa River @ Boat Ramp

Date: 6/20/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0032

WBID: 3699A

Latitude: 29.2132

(Decimal Degrees)

County: Levy

ORG ID: 21FTLHR

Longitude: -82.7632

(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ-2018- 04-30-24

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jon Woods					X		X		
Chris Green						X	X	X	

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>YSI</u>		
Equipment ID <u>PCO DSS 153484</u>		
Collection Method		
☒ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# PCO DSS 153484 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 (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1105	0.9	0.3	0.7	5.37	65.6	7.46	0.12	263	25.5
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 ☒ H ₂ SO ₄	<u>2341020</u>	<u>12/7/16</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <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-CI-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			

Notes: B-b2	Place Label Here
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Signature: [Signature] Date: 6/20/18

Enter Field Parameters, Verify Station ID In LIMS DMT: [Signature] 6/22/18 QC Station ID, Field Parameters In LIMS DMT: [Signature] 6/22/18

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Woods

Project ID: SMP

Collected By: Woods/GreenSampling Agency: 8034

Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Location ↓		Date 6/20/18 Time 1105		Date		(See pg 2)	
WIN/STORE #		G1TLHR0032		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.37 mg/L % sat		Total Res. Chlorine (mg/L)	
Latitude		WACCASASSA RIVER @ BOAT RA		Temp (C) 25.5		pH 7.48		Sample Depth 0.3 m	
Longitude		dd dms		Salinity (ppt) 0.12		Comments		Sp. Conductance (umho/cm) 263	
Location		Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
WIN/STORE #		G1TLHR0032		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 2.11 mg/L % sat		Total Res. Chlorine (mg/L)	
Latitude		WACCASASSA RIVER @ BOAT RA		Temp (C) 23.4		pH 6.56		Sample Depth 1.3 m	
Longitude		dd dms		Salinity (ppt) 0.12		Comments		Sp. Conductance (umho/cm) 1332	
Location		Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
WIN/STORE #		G1TLHR0032		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 2.11 mg/L % sat		Total Res. Chlorine (mg/L)	
Latitude		WACCASASSA RIVER @ BOAT RA		Temp (C) 23.4		pH 6.56		Sample Depth 1.3 m	
Longitude		dd dms		Salinity (ppt) 0.12		Comments		Sp. Conductance (umho/cm) 1332	
Location		Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
WIN/STORE #		G1TLHR0032		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 2.11 mg/L % sat		Total Res. Chlorine (mg/L)	
Latitude		WACCASASSA RIVER @ BOAT RA		Temp (C) 23.4		pH 6.56		Sample Depth 1.3 m	
Longitude		dd dms		Salinity (ppt) 0.12		Comments		Sp. Conductance (umho/cm) 1332	

Relinquished By: <u>SW</u>	Date/Time: <u>6/20/18 1622</u>	Shipping Method: <u>HD</u>	Number of Coolers Shipped: <u>1</u>	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ENT-24-QT					
Group: A	Bottle Type:	P-120ML-OC	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	FCOLL-MF					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	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
	W-PO4-F					

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

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

Meter ID: #3

RQ-

Project: MSF Springs CV

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.

Circle/Fill In: Lab Calibration or

Calibration/Verification on Site

Double Tree (Gainesville)

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Chris Green	6-20-18	6:47	26.3	8.07	8.04	99.9	—	1.05	P/F	L/F
ICV	↓	↓	7:15	26.9	7.98	7.96	99.7	—	—	P/F	L/F
CCV	↓	↓	1308	24.1	6.40	6.36	79	—	—	P/F	L/F
CCV										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

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	6-20-18	6:55	180403B	4/19	1000	1000	P/F	L/F
ICV	↓	↓	7:12	2710781	9/19	100	101	P/F	L/F
CCV	↓	↓	1310	180403B	4/19	1000	1001	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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Chris Green	6-20-18	7:00	170926C	4/19	7.0	7.00	24.9	P/F	L/F
Calibr.	↓	↓	7:04	180510A	5/19	4.0	4.01	130.2	P/F	L/F
Calibr.	↓	↓	7:07	170419D	10/18	10.0	9.96	760.9	P/F	L/F
ICV	↓	↓	7:10	"	"	"	9.98	—	P/F	L/F
CCV	Jon Woods	↓	1312	180510A	5/2019	4.0	3.9	139	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)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth 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 $\pm 0.05m$, whichever is greater.

COMMENTS: