



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Waccasassa River @ Boat Ramp

Date: 12/05/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0032

WBID: 3699A

Latitude: 29.2132
(Decimal Degrees)

County: Levy

ORG ID: 21FLTLHR Longitude: -82.7632
(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ-2018- 09-17-58

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Chris Green											☒ Sample Container	☐ Van Dorn	☐ Pole		
Mike Eckles											☐ 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/ <u>Low</u> / Normal / High / Flooded						Meter ID# EXD 3			Matrix: Fresh / Marine / DI						
Photos: Yes / <u>No</u> / Flow: No Flow / Intestinal / <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 (PPTH)	Sp COND (umhos/cm)	Temp. (C°)					
EST	12:10	0.7	0.3	0.5	6.61	68.2	7.52	0.16	337.9	16.86					
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						☐ <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-CH-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 ☒ FColi ☒ 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:

Field/WIN ID →



G1TLHR0032

Location ↓

Waccasassa River @ Boat Ramp

Signature: CL-3-

Date: 12/05/2018

Enter Field Parameters, Verify Station ID In LIMS DMT: CL 1-15-19

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

Scan/Save Field Sheets CL 1-15-19
(Initials/Date)

Migrate Data to WIN: (Initials/Date)

Verify Data In WIN: (Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: *C. Green*

Project ID: SMP

Collected By: *Chris Green**Mike Eckles*Sampling Agency: *8034*

Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Date	Time	Diss. Oxygen	mg/L	Total Res. Chlorine	(See pg 2)	
WIN/STC		Temp (C)	pH	Sample Depth	ft	Sp. Conductance	(umho/cm)		
Latitude		Salinity (ppt)	Comments						
Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Date	Time	Diss. Oxygen	mg/L	Total Res. Chlorine		
WIN/STORET #		Temp (C)	pH	Sample Depth	ft	Sp. Conductance	(umho/cm)		
Latitude		Salinity (ppt)	Comments						
Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Date	Time	Diss. Oxygen	mg/L	Total Res. Chlorine		
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Latitude		Salinity (ppt)	Comments						
Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Date	Time	Diss. Oxygen	mg/L	Total Res. Chlorine		
WIN/STORET #		Temp (C)	pH	Sample Depth	ft	Sp. Conductance	(umho/cm)		
Latitude		Salinity (ppt)	Comments						

Relinquished By: <i>C. Green</i>	Date/Time: 12-05-18/15:15	Shipping Method: <i>Hand</i>	Number of Coolers Shipped: 1	Received By: <i>[Signature]</i>	Date/Time: 12/5/18 15:13
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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: EX03

RQ:

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 10/2018

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	12-5-18	8:00	20.1	765.3	9.12	9.14	100.7	—	1.05	P / F	L / F
ICV	✓	✓	8:24	17.06	765.4		9.77	101.5	—	—	P / F	L / F
CCV	✓	✓	16:10	18.70	763.0	9.35	9.47	101.6	—	—	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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Chris Green	12-5-18	8:10	180621C	7/19	1000	1000	P / F	L / F
ICV	✓	✓	8:22	1805F81	5/20	100	102	P / F	L / F
CCV	✓	✓	16:00	180221A	3/19	500	502	P / F	L / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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	12-5-18	8:12	180621E	01/20	7.03	17.7	7.13	70.4	P / F	L / F
Calibr.			8:15	180621D	7/19	4.00	16.5	4.00	107.5	P / F	L / F
Calibr.			8:18	180403D	10/19	10.11	16.1	10.06	219.0	P / F	L / F
ICV	✓	✓	8:20	11	11	10.00	16.1	10.05	—	P / F	L / F
CCV	✓	✓	16:05	180621D	7/19	4.00	17.1	4.02	—	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 ± 50;

mV pH 10 Range -180 ± 50;

If mV are recorded: slope from 7 to 10 148.6, slope from 4 to 7 177.9 (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:

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: 2; Date of last verification: 10/2018

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 ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: