



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: New River south of SR65

Date: 09/11/2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0004

WBID: 1034C

Latitude: 30.1651675

(Decimal Degrees)

County: Liberty

ORG ID: 21FLTLHR

Longitude: 84.8768077

(Decimal Degrees)

Receiving Body of Water: Carrabelle River

RQ-2018-06-183

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
J. Burkett B. Harden						☒	☒	☒	☒	☒	☒ 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 <u>Flooded</u>						Meter ID# 134177					Matrix: Fresh / Marine / DI									
Photos: Yes ☒ No ☐						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	1235	0.6	0.3	0.4	5.81	68.5	3.98	0.02	49	24.3										
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		SAS101220		4/11/19		☒ <2							
Metals		☐ W-ICPMS ☐ W-JCP					☐ 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													

No kit: he 3.8 0.5 wa

Location →

Field ID →



BLANK_09112018

Field/WIN ID →

Location ↓



G2TLHR0004



NEW RIVER SOUTH OF SR65

Signature:

Date: 9/11/18

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

(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: 154177

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 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. Burtchett	9/11/18	751	21.3	757.3	8.86	8.87	100	-	1.04	P/F	L/F
ICV	↓	↓	801	19.9	757.4	9.11	9.12	100	-	-	P/F	L/F
CCV			1440	31.3	757.2	7.41	7.51	101	-	-	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.	J. Burtchett	9/11/18	753	180403A	09/19	1000	1000	P/F	L/F
ICV	↓	↓	803	2802833	01/20	100	101	P/F	L/F
CCV	↓	↓	1442	2802833	01/20	160	100	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.	J. Burtchett	9/11/18	755	180621E	01/20	7.0	26.7	7.0	236	P/F	L/F
Calibr.			757	180510B	05/19	4.0	26.7	4.0	154.2	P/F	L/F
Calibr.	↓	↓	759	180222E	09/19	10.0	19.8	10.0	169.4	P/F	L/F
ICV	↓	↓	805	180222E	09/19	10.0	10.0	10.0	192.2	P/F	L/F
CCV			1444	180510B	05/19	4.0	22.2	4.0	154.1	P/F	L/F
CCV								3.9	169.4	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 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. Burtchett	9/11/18		0.00	0.00	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:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: B. Harden

Project ID: SMP

Collected By: S. Burtchett, B. HardenSampling Agency: 4034

Location	Field/WIN ID → Location ↓		Collection (comp begin or grab) Date <u>9/11/2018</u> Time <u>1145</u>		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)
			Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>5.22</u>		A
			Temp (C) <u>24.9</u>		Sample Depth <u>0.15</u>		
			pH <u>4.11</u>		Sp. Conductance (umho/cm) <u>39.6</u>		
			Salinity (ppt) <u>0.02</u>				
Location	Field/WIN ID → Location ↓		Collection (comp begin or grab) Date <u>9/11/18</u> Time <u>235</u>		Composite end Date _____ Time _____		Bottle Group(s)
			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>5.81</u>		A
			Temp (C) <u>24.3</u>		Sample Depth <u>0.3</u>		
			pH <u>3.98</u>		Sp. Conductance (umho/cm) <u>49</u>		
			Salinity (ppt) <u>0.02</u>				
Location	Field ID → Location ↓		Collection (comp begin or grab) Date <u>9/11/18</u> Time <u>1245</u>		Composite end Date _____ Time _____		Bottle Group(s)
			Matrix (type, e.g., Salt, Fresh, etc) <u>DI</u>		Diss. Oxygen		AB
			Temp (C)		Sample Depth		
			pH		Sp. Conductance (umho/cm)		
			Salinity (ppt) <u>Blank</u>				
Location	Field ID → Location ↓		Collection (comp begin or grab) Date _____ Time _____		Composite end Date _____ Time _____		Bottle Group(s)
			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		
			Temp (C)		Sample Depth		
			pH		Sp. Conductance (umho/cm)		
			Salinity (ppt)				
Location	Field ID → Location ↓		Collection (comp begin or grab) Date _____ Time _____		Composite end Date _____ Time _____		Bottle Group(s)
			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		
			Temp (C)		Sample Depth		
			pH		Sp. Conductance (umho/cm)		
			Salinity (ppt)				
Location	Field ID → Location ↓		Collection (comp begin or grab) Date _____ Time _____		Composite end Date _____ Time _____		Bottle Group(s)
			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		
			Temp (C)		Sample Depth		
			pH		Sp. Conductance (umho/cm)		
			Salinity (ppt)				
Location	Field ID → Location ↓		Collection (comp begin or grab) Date _____ Time _____		Composite end Date _____ Time _____		Bottle Group(s)
			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		
			Temp (C)		Sample Depth		
			pH		Sp. Conductance (umho/cm)		
			Salinity (ppt)				

Number of Coolers Shipped: 1

Shipping Method

Date/Time

Relinquished By: JB, BH9/11/18 21421 HDReceived By: JB, BH

Date/Time

224 09/11/18

Group: A	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 8	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				

Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F				