FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? (Yes) / No

WIN Station Name: Sand Hill Creek @ SW Hwy358 **Date:** 02/12/2018 (mm/dd/yyyy)

WIN/ Field ID: G1TLHR0060 **WBID:** 3674 **Latitude:** 29.676888 (Decimal Degrees)

County: Dixie **ORG ID:** 21FLTLHR **Longitude:** 83.340666 (Decimal Degrees)

Receiving Body of Water: Steinhatchee River **RQ-2018-**01-01-24

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burtchett	✓		✓		
J. Tolbert		✓		✓	✓

Sampling Equipment
- ☐ 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 / Flooded **Meter ID#** Exo 3 **Matrix:** Fresh / Marine / DI

Photos: Yes (No) **Flow:** No Flow / Intestital / 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	1140	1.05	0.3	1.05 (S)	6.02	66.3	7.59	0.19	387	20.07
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_2SO_4	SA7275010	10/2/18	☑ <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-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:

Field/WIN ID G1TLHR0060

Location SANDHILLCREEK@SWHWY358

Signature: [signature] **Date:** 02/12/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 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 is qualified data on this page

Meter ID: Exo 3 RQ- 2018 SMP Project:

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

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 12/17

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.	J.Burtchett	2/12/18	756	2.17	8.84	8.93	100	-	1.06	(P) F	(L) F
ICV	↓	↓	808	20.9	8.93	9.04	100	-	-	(P) F	(L) F
CCV			1415	22.0	8.74	8.82	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; 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	2/12/18	1600	K0116B	01/19	1008	1000	(P) F	(L) F
ICV	↓	↓	810	2710781	09/19	100	99	(P) F	(L) F
CCV			1417	11/18	17103/B	1000	995	(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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J.Burtchett	2/12/18	802	171121A	06/19	7.0	7.0	-22.7	(P) / F	(L) / F
Calibr.	↓	↓	804	K0116D	01/19	4.0	4.0	155.3	(P) / F	(L) / F
Calibr.			806	171121B	06/19	10.0	10.0	-142.5	(P) F	(L) F
ICV			812	171121B	06/19	10.0	10.0	-196	(P) F	(L) F
CCV			1419	180116C	01/19	4.0	4.1	148.1	(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 10 169.8, slope from 4 to 7 178 (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 12/17

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:

Request Number: RQ-2018-01-01-24

kit A w/ bacteria

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: J.Burtchett, J.Tolbert

Field Report Prepared By: J.Burtchett

Sampling Agency: 8034

Location Field/WIN ID G1TLHR0004 Location ROCKY CREEK

Field ID

STORET

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/12/18 Time 1050 Eastern Central | Composite end Date — Time — | Bottle Group(s) (See pg 2) A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 5.16 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 19.69 | pH 7.24 | Sample Depth 0.15 ☐ ft ☑ m | Sp. Conductance (umho/cm) 268

Salinity (ppt) 0.13 | Comments

Location Field/WIN ID G1TLHR0060 Location SANDHILLCREEK@SWHWY358

Field ID

STORET

Latitude ☐dms ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/12/18 Time 1140 Eastern Central | Composite end Date — Time — | Bottle Group(s) A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 6.02 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 20.07 | pH 7.59 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 367

Salinity (ppt) 0.19 | Comments

Location

Field ID

STORET #

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time Eastern Central | Composite end Date Time | Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

Location

Field ID

STORET #

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time Eastern Central | Composite end Date Time | Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JB, JT	2/12/18:1526	HD	1	TJ	02/12/18 @ 3:30p

Group: A	Bottle Type:	P-1L	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab	232
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab	232
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab	232
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 20	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	232
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 20	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	32
	W-PO4-F						
Group: B	Bottle Type:	PJ-2L	# of Bottles: 30	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	0
	MI-FW-QLDC						