FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Owl Creek **Date:** 6/21/2018 (mm/dd/yyyy)

WIN/ Field ID: G1TLHR0010 **WBID:** 3574 **Latitude:** 29.9232 (Decimal Degrees)

County: Lafayette **ORG ID:** 21FLTLHR **Longitude:** 83.27118 (Decimal Degrees)

Receiving Body of Water: Steinhatchee River **RQ-2018-** 05-14-54

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Paul Blair	X		X		
Jon Woods		X		X	X

Sampling Equipment
- [X] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [X] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with YSI
- Equipment ID EXO 3

Collection Method
- [X] 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. (C⁰)
(EST)	1200	0.3	0.15	0.3 S	5.35	66.0	6.7	0.04	95	26.0
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	[X] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[X] Ice [X] H_2SO_4	7341020	12/7/14	[X] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[X] W-PO4-F [X] Field Filtered 0.45 µm Filter	[X] Ice			
Chlorophyll	[X] CHLSUITE-W	[X] Ice			
Physical/Aggregate (Fresh)	[X] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[X] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[X] E Coli [ ] F Coli [ ] Enterococci	[X] 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:

A-b

Field/WIN ID → G1TLHR0010

Location → OWL CREEK

Signature: Paul Blair **Date:** 6/21/18

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (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)

Request Number: RQ-2018-[redacted]

kit A w/ bacteria

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Paul Blair / Jon Woods

Field Report Prepared By: Paul Blair

Sampling Agency: 8034

Location: Field/WIN ID → G1TLHR0010; Location → OWL CREEK

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 6-21-18 Time 12:00 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc):

Diss. Oxygen 5.35 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C) 26.0 | pH 6.7 | Sample Depth 0.15 ☐ ft ☑ m | Sp. Conductance (umho/cm) 95

Salinity (ppt) 0.04 | Comments:

Location: Field/WIN ID → G1TLHR0078; Location → EIGHTMILE CREEK @ NW 798 S

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 6-21-18 Time 12:25 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc):

Diss. Oxygen 5.21 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C) 26.7 | pH 7.2 | Sample Depth 0.1 ☐ ft ☑ m | Sp. Conductance (umho/cm) 180

Salinity (ppt): | Comments:

Location: Field/WIN ID → G1TLHR0004; Location → ROCKY CREEK

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 6-21-18 Time 12:50 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc):

Diss. Oxygen 4.19 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C) 27.1 | pH 7.2 | Sample Depth 0.2 ☐ ft ☑ m | Sp. Conductance (umho/cm) 210

Salinity (ppt): | Comments:

Location: Sand Hill Creek

Field ID:

WIN/STORET #: G1TLHR0060

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 6-21-18 Time 13:15 Eastern Central | Composite end Date 6- Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc):

Diss. Oxygen 5.58 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C) 26.6 | pH 7.6 | Sample Depth 0.2 ☐ ft ☑ m | Sp. Conductance (umho/cm) 365

Salinity (ppt): | Comments:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Blair	6-21-18	hand delivered			6/21/18 2:37

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-** 2018-05-14-54 **Project:** SMP

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 4-18

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.	Paul Blair	6-21-18	8:30	22.8	8.61	8.57	99.5	1.1	N/A	(P) / F	(L) / F
ICV	"	"	8:32	22.9	8.59	8.57	99.7	"	"	(P) / F	L / (F)
CCV	"	"	15:32	28.4	7.77	77.7	106.0	"	"	(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.	Paul Blair	6-21-18	8:41	180403A	4-19	1000	1000	(P) / F	(L) / F
ICV	"	"	8:43	2802833	1-20	100	101	(P) / F	(L) / F
CCV	Paul Blair	"	15:34	180403A	4-19	1000	1002	(P) / F	(L) / F
CCV		"	15:35	2802833	1-20	100	97.6	(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.	Paul Blair	6-21-18	8:45	171121A	6-19	7.0	7.0	-35.3	(P) / F	(L) / F
Calibr.	"	"	8:46	180116D	1-19	4.0	4.0	138.6	(P) / F	(L) / F
Calibr.	"	"	8:49	180221G	9-19	10.0	10.0	-207.5	(P) / F	(L) / F
ICV	"	"	8:51	"	"	10.0	10.0	-207.8	(P) / F	(L) / F
CCV	"	"	15:40	180116D	1-19	4.0	4.1	129.9	(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 _____, 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	Paul Blair	6-21-18	8:29	0	0	(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: