FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Owl Creek **Date:** 5/29/2018 (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-** 05-14-31

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

Sampling Equipment
- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [x] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with
- Equipment ID

Collection Method
- [x] Wading [ ] Canoe/Kayak
- [ ] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded **Meter ID#** Pco 055 **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)	1250	0.2	0.1	0.2	5.94	70.6	7.13	0.09	146	24.0
CEN				S						

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	12/7/16	[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: Jan Woods **Date:** 5/29/16

Enter Field Parameters, Verify Station ID In LIMS DMT: Jan 5/30/16 (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-~~05-14-54~~ 05-14-31
kit A w/ bacteria

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC
Project ID: SMP

Requester: Chris Green
Collected By: Woods / Blair
Field Report Prepared By: Woods
Sampling Agency: 6034

Location: OWL CREEK	[x] Grab / [ ] Comp	Collection (comp begin or grab) Date 5/29/18 Time 1250 (Eastern)	Composite end Date / Time		Bottle Group(s) (See pg 2): A
Field ID / Field/WIN ID: G1TLHR0010	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 5.94 [x] mg/L [ ] % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C): 24.0	pH: 7.13	Sample Depth: 0.1 [ ] ft [x] m	Sp. Conductance (umho/cm): 148	
Latitude [ ] dd [ ] dms / Longitude [ ] dd [ ] dms	Salinity (ppt): 0.09	Comments			
Location	[ ] Comp [ ] Grab	Collection (comp begin or grab) Date / Time, Eastern / Central	Composite end Date / Time		Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen [ ] mg/L [ ] % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)	pH	Sample Depth [ ] ft [ ] m	Sp. Conductance (umho/cm)	
Latitude [ ] dd [ ] dms / Longitude [ ] dd [ ] dms	Salinity (ppt)	Comments			
Location	[ ] Comp [ ] Grab	Collection (comp begin or grab) Date / Time, Eastern / Central	Composite end Date / Time		Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen [ ] mg/L [ ] % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)	pH	Sample Depth [ ] ft [ ] m	Sp. Conductance (umho/cm)	
Latitude [ ] dd [ ] dms / Longitude [ ] dd [ ] dms	Salinity (ppt)	Comments			
Location	[ ] Comp [ ] Grab	Collection (comp begin or grab) Date / Time, Eastern / Central	Composite end Date / Time		Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen [ ] mg/L [ ] % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)	pH	Sample Depth [ ] ft [ ] m	Sp. Conductance (umho/cm)	
Latitude [ ] dd [ ] dms / Longitude [ ] dd [ ] dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Woods	5/29/18 1445	HD	1	[signature]	5/29/18 1448

Group: A	Bottle Type:	P-1L	# of Bottles: 25	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: A	Bottle Type:	BP-1L	# of Bottles: 25	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC				7341020 Exp 12/7/18		
Group: A	Bottle Type:	P-125ML	# of Bottles: 25	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
	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: P-0155 RQ- Project: SMP 2015

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 3/17

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	5/29/14	754	22.7	8.63	8.63	100	-	1.09	(P) / F	(P) / F
ICV	↓	↓	804	22.0	8.74	8.75	100	-	-	(P) / F	(P) / F
CCV	Jon Woods	↓	1450	22.0	8.74	8.76	100	-	-	(P) / F	(P) / 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	5/29/14	756	180403A	04/14	1000	1000	(P) / F	(P) / F
ICV	↓	↓	806	2802x33	01/20	100	99	(P) / F	(P) / F
CCV	Jon Woods	↓	1451	180403A	04/19	1000	989	(P) / F	(P) / 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	5/29/14	758	171121A	01/14	7.0	7.0	-26.4	(P) / F	(P) / F
Calibr.	↓	↓	800	180116D	06/14	4.0	4.0	138.8	(P) / F	(P) / F
Calibr.			802	180221E	09/14	10.0	10.0	-174.1	(P) / F	(P) / F
ICV			808	180221E	09/14	10.0	10.0	-174.6	(P) / F	(P) / F
CCV	Jon Woods	↓	1453	180116D	06/19	4.0	4.1	134	(P) / F	(P) / 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 10 153.7, slope from 4 to 7 169.2 (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 3/17

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:

Form effective October 1, 2017