



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Owl Creek

Date:

02/12/2018
(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-2018-01-29-418

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Burtchett J. 101b01						☒	☒	☒	☒	☒	☒ 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# EXU3			Matrix: Fresh / Marine / DI						
Photos: Yes ☐ No ☒						Flow: No Flow / Intertidal / 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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)					
EST	1335	0.2	0.1	0.2	5.4	62.7	7.14	0.09	194	19.7					
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 ☐ H2SO4	SA727500	10/2/18	<2						
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3	SA7341020	12/7/18	<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					☐ Ice									
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other									

Notes:

Field/WIN ID

Location



G1TLHR0010



OWL CREEK

Signature:

Date:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

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:

Eyo 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. Burchett	2/12/18	758	26.17	8.88	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.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	2/12/18	800	K0116B	01/19	1000	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 $\pm 5\%$

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. Burchett	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	17121B	06/19	10.0	10.0	-142.5	(P) F	(L) F
ICV	↓	↓	812	171121B	06/19	10.0	10.0	-196.1	(P) F	(L) F
CCV	↓	↓	1419	18016C	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 $+180 \pm 50$;

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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

Customer: TLH-ROC
Project ID: SMP

Requester: Chris Green
Collected By: J. Butcher, J. T. Elbert

Field Report Prepared By: J. Butcher
Sampling Agency: KCSA

Location	☒ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s)
Field/WIN ID	☒ Grab	Date 2/12/18	Time 1335	Central Date	(See pg 2)
Location	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen 5.74	☒ mg/L Total Res. Chlorine	
WIN/	Temp (C) 19.71	pH 7.14	Sample Depth 0.1	☒ ft. Sp. Conductance (umho/cm) 194	A
Latitude	☐ dd	Salinity (ppt) 6.09	Comments		
Location	☐ Comp	Collection (comp begin or grab)	☐ Eastern	Composite end	Bottle Group(s)
Field ID	☐ Grab	Date	Time	Central Date	
WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L Total Res. Chlorine	
Latitude	☐ dd	Temp (C)	pH	Sample Depth	☐ ft. Sp. Conductance (umho/cm)
Location	☐ dd	Salinity (ppt)	Comments		
Field ID	☐ Comp	Collection (comp begin or grab)	☐ Eastern	Composite end	Bottle Group(s)
WIN/STORET #	☐ Grab	Date	Time	Central Date	
Latitude	☐ dd	Temp (C)	pH	Sample Depth	☐ ft. Sp. Conductance (umho/cm)
Location	☐ dd	Salinity (ppt)	Comments		
Field ID	☐ Comp	Collection (comp begin or grab)	☐ Eastern	Composite end	Bottle Group(s)
WIN/STORET #	☐ Grab	Date	Time	Central Date	
Latitude	☐ dd	Temp (C)	pH	Sample Depth	☐ ft. Sp. Conductance (umho/cm)
Location	☐ dd	Salinity (ppt)	Comments		
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Field ID	☐ Comp	Collection (comp begin or grab)	☐ Eastern	Composite end	Bottle Group(s)
WIN/STORET #	☐ Grab	Date	Time	Central Date	
Latitude	☐ dd	Temp (C)	pH	Sample Depth	☐ ft. Sp. Conductance (umho/cm)
Location	☐ dd	Salinity (ppt)	Comments		

Relinquished By: J. J. T.	Date/Time 2/12/18:15:26	Shipping Method HD	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time 02/17/18
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Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	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
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLL-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					