



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Gully Branch @ Gully Branch Rd

Date: 05/31/2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0006

WBID: 1242

Latitude: 29.959945

(Decimal Degrees)

County: Franklin

ORG ID: 21FTLHR

Longitude: -84.718339

(Decimal Degrees)

Receiving Body of Water: Crooked River

RQ-2018- 01-22-51

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
<u>J. Burtchell</u> <u>J. Woods</u>						☒	☒	☒	☒	☒	☒ 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 <u>High</u> / Flooded						Meter ID# <u>P50DSS</u>					Matrix: <u>Fresh</u> / Marine / DI									
Photos: Yes / <u>No</u>						Flow: No Flow / Intestinal / <u>Flowing</u> / NA					Tide: Rising/ Falling/ Slack/ <u>NA</u>					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°)										
<u>EST</u>	<u>1145</u>	<u>0.8</u>	<u>0.3</u>	<u>0.3</u>	<u>4.5</u> <u>4.46</u>	<u>53.0</u>	<u>4.35</u>	<u>0.03</u>	<u>74</u>	<u>24.0</u>										
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		<u>SA805510</u>	<u>03/24/19</u>	☐ <2										
Metals		☒ W-ICPMS ☒ W-ICP				☒ Ice ☒ HNO3		<u>NA805910</u>	<u>04/09/19</u>	☐ <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					Place Preservative Sticker(s) Here (If Available)									
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														

Notes:
kit: C-b w/ pesticides

Field/WIN ID

Location



G2TLHR0006

Gully Branch 80m north of Gully Branch Rd

Signature: [Signature]

Date: 05/31/18

Enter Field Parameters, Verify Station ID in LIMS DMT: JB 6/1/18

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets JB 6/1/18

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

Group: A	Bottle Type: P-1L	# of Bottles: 8	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: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
	CHLSUITE-W					
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
	ECOLI-18QT					
Group: A	Bottle Type: P-500ML	# of Bottles: 8	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	/
	W-ICP					
	W-ICPMS			HNO3 LOT# H48099110 EXP: 04/09/2019		
Group: A	Bottle Type: P-500ML	# of Bottles: 8	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	/
	W-NH3					
	W-NO2NO3			H2SO4 LOT# S48085170 EXP: 03/26/19		
	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: BG-1L	# of Bottles: 16	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-AHERB-AA					
	W-GLYPH					
	W-PYR-AA-R					
	W-SUC-AA-R					
	W-UHERB-AA					
Group: B	Bottle Type: BG-1L	# of Bottles: 8	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	/
	W-CARB-AA					
Group: B	Bottle Type: BG-500ML	# of Bottles: 18	Preservative:	ICE	Enter Number of Bottles Sent to Lab	

Group: B	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 18	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 18	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2

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 name.

Meter ID: ProDSS

RQ:

Project: SmP2016

- 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. Burchett	5/31/18	806	22.1	8.73	8.72	100	-	1.05	☒ F	☒ F
ICV	↓	↓	816	22.3	8.69	8.70	100	-	-	☒ F	☒ F
CCV	↓	↓	145	25.4	8.26	8.22	100	-	-	☒ F	☒ 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 μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	5/31/18	808	180403A	04/19	1000	1000	☒ F	☒ F
ICV	↓	↓	818	2802833	01/20	100	100	☒ F	☒ F
CCV	↓	↓	1453	2802833	01/20	100	102	☒ F	☒ 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	5/31/18	810	171121A	06/19	7.0	7.0	-23.1	☒ F	☒ F
Calibr.	↓	↓	812	180116D	01/19	4.0	4.0	128.6	☒ F	☒ F
Calibr.	↓	↓	814	180221E	04/19	10.0	10.0	-176.9	☒ F	☒ F
ICV	↓	↓	820	180221E	04/19	10.0	10.0	-177.3	☒ F	☒ F
CCV	↓	↓	1455	180221E	04/19	4.0	4.1	130.6	P / F	L / F
CCV				180116D	01/19				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 10 153.8 slope from 4 to 7 151.7 (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 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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: