



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Jumping Gully Creek

Date: 02/15/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0033

WBID: 3318

Latitude: 30.63171

(Decimal Degrees)

County: Hamilton

ORG ID: 21FLTLHR

Longitude: 83.26658

(Decimal Degrees)

Receiving Body of Water: Withlacoochee River

RQ-2018- 01-29-78

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
<u>Jessie Talbot</u> <u>Jade Burkhardt</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 / <u>Normal</u> / High / Flooded					Meter ID# <u>YSI Exo 3</u>					Matrix: <u>Fresh</u> / Marine / DI									
Photos: Yes / <u>No</u>					Flow: No Flow / Intertidal / <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>11:00</u>	<u>0.3</u>	<u>0.15</u>	<u>0.35</u>	<u>8.56</u>	<u>89.5</u>	<u>6.20</u>	<u>0.02</u>	<u>411</u>	<u>17.5</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>7341020</u>		<u>12/7/18</u>		☒ <2						
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3						☐ <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												

Notes:

Secchi visible on bottom

Field/WIN ID

Location



G1TLHR0033



JUMPING GULLY CREEK

Signature:

JTB

Date: 2-15-2018

Enter Field Parameters, Verify Station ID In LIMS DMT:

JTB 2/16/18
(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT:

JTB 2/16/18
(Initials/Date)

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

last revised Jan 3, 2018

J. Buchtel

Sampling Agency: 8051

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)		☒ mg/L Total Res. Chlorine ☐ % sat (mg/L)	(See pg 2)
WIN/STORET #			Temp (C)	pH	Sample Depth	A
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt)	Comments	☐ ft Sp. Conductance (umho/cm) ☒ m	
Loc#	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date Time	☒ Eastern ☐ Central Composite end Date Time	Bottle Group(s)
Field Location	G1TLHR0033		Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen 8.56 ☒ mg/L Total Res. Chlorine ☐ % sat (mg/L)	A
WIP	JUMPING GULLY CREEK		Temp (C) 17.5	pH 6.20	Sample Depth 0.15 ☐ ft Sp. Conductance (umho/cm) ☒ m	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt) 0.02	Comments		
Location	Field/WIN ID		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	☒ Eastern ☐ Central Composite end Date Time	Bottle Group(s)
Field ID	G1TLHR0037		Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen 7.49 ☒ mg/L Total Res. Chlorine ☐ % sat (mg/L)	A
WIN/STORET #	LITTLE ALAPAH RIVER		Temp (C) 17.46	pH 5.03	Sample Depth 0.15 ☐ ft Sp. Conductance (umho/cm) ☒ m	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt) 0.03	Comments		
Location	Field/WIN ID		☐ 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	
WIN/STORET #			Temp (C)	pH	Sample Depth	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt)	Comments	☐ ft Sp. Conductance (umho/cm) ☐ m	
Loc#	Field/WIN ID		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	☐ Eastern ☐ Central Composite end Date Time	Bottle Group(s)
Field Location			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	
WIP			Temp (C)	pH	Sample Depth	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt)	Comments	☐ ft Sp. Conductance (umho/cm) ☐ m	
Location	Field/WIN ID		☐ 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	
WIN/STORET #			Temp (C)	pH	Sample Depth	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt)	Comments	☐ ft Sp. Conductance (umho/cm) ☐ m	
Loc#	Field/WIN ID		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	☐ Eastern ☐ Central Composite end Date Time	Bottle Group(s)
Field Location			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	
WIP			Temp (C)	pH	Sample Depth	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt)	Comments	☐ ft Sp. Conductance (umho/cm) ☐ m	
Location	Field/WIN ID		☐ 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	
WIN/STORET #			Temp (C)	pH	Sample Depth	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt)	Comments	☐ ft Sp. Conductance (umho/cm) ☐ m	
Loc#	Field/WIN ID		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	☐ Eastern ☐ Central Composite end Date Time	Bottle Group(s)
Field Location			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	
WIP			Temp (C)	pH	Sample Depth	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt)	Comments	☐ ft Sp. Conductance (umho/cm) ☐ m	
Location	Field/WIN ID		☐ 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	
WIN/STORET #			Temp (C)	pH	Sample Depth	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt)	Comments	☐ ft Sp. Conductance (umho/cm) ☐ m	
Loc#	Field/WIN ID		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	☐ Eastern ☐ Central Composite end Date Time	Bottle Group(s)
Field Location			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	
WIP			Temp (C)	pH	Sample Depth	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt)	Comments	☐ ft Sp. Conductance (umho/cm) ☐ m	
Location	Field/WIN ID		☐ 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	
WIN/STORET #			Temp (C)	pH	Sample Depth	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt)	Comments	☐ ft Sp. Conductance (umho/cm) ☐ m	
Loc#	Field/WIN ID		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	☐ Eastern ☐ Central Composite end Date Time	Bottle Group(s)
Field Location			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	
WIP			Temp (C)	pH	Sample Depth	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt)	Comments	☐ ft Sp. Conductance (umho/cm) ☐ m	
Location	Field/WIN ID		☐ 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	
WIN/STORET #			Temp (C)	pH	Sample Depth	
Latitude	☐ dd ☐ dms	Longitude	☐ Salinity (ppt)	Comments	☐ ft Sp. Conductance (umho/cm) ☐ m	
Loc#						

Date/Time

Date/Time 2/15/18 13:10

2-15-2018 13:09

Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	11 = 22
	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	11 = 22
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	11 = 22
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	11 = 22
	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	11 = 22
	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 name.

Meter ID: Exo 3

RQ:

Project: SMP 2018

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	2/15/18	802	21.08	8.90	8.90	100	-	1.05	P/F	L/F
ICV	✓	✓	812	20.98	8.92	8.92	100	-	-	P/F	L/F
CCV	✓	✓	1319	23.2	8.55	8.59	100	-	1.05	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. Burtchett	2/15/18	804	180116B	01/19	1000	1000	P/F	L/F
ICV	✓	✓	814	271078	09/19	100	98	P/F	L/F
CCV	✓	✓	1321	271078	09/19	100	95	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. Burtchett	2/15/18	806	171121A	06/19	7.0	7.0	-21.1	P/F	L/F
Calibr.	✓	✓	808	180116D	01/19	4.0	4.0	152.6	P/F	L/F
Calibr.	✓	✓	810	171121B	06/19	10.0	10.0	-196.1	P/F	L/F
ICV	✓	✓	816	171121B	06/19	10.0	10.0	-198.0	P/F	L/F
CCV			1324	180116D	01/19	4.0	4.1	149	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 10 175.0, slope from 4 to 7 173.7 (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 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:

