



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Jumping Gully Creek

Date: 4/23/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0033

WBID: 3318

Latitude: 30.63171

(Decimal Degrees)

County: Hamilton

ORG ID: 21FTLHR

Longitude: 83.26658

(Decimal Degrees)

Receiving Body of Water: Withlacoochee River

RQ-2018- 04-09-52

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jessie Tallent									
Jade Butchworth									

Sampling Equipment		
☒ 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# YSI EXO3

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / 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 _h)	Sp COND (umhos/cm)	Temp. (C°)
EST	12:20	0.3	0.15	0.35	80.7	80.7	6.70	.03	62	20.21
CEN					7.30		6.5			

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 ☒ H ₂ SO ₄	9341020	12/7/18	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um 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:
A-b

Field/WIN ID →
Location ↓



G1TLHR0033



JUMPING GULLY CREEK

Date: 4/23/2018

Signature: [Signature]

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: _____

Sampling Agency:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Tolbert Butcher	4/23/2018 5:37	HD	1		4/23/18 12:40

Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	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	<u>1</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>
	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	<u>1</u>
	W-PO4-F						

kit A w/ bacteria

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Field Report Prepared By: TobertCollected By: Jessie Tobert Lake BartlettSampling Agency: 8034

Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s) (See pg 2)
Field ID	Location ↓		Date	Time	Date	Time	
WIN/STOI	G1TLHR0045		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		A
Latitude	MIDDLE OF LAKE FRANCIS		Temp (C) 23.41		pH 8.26		
	Longitude		Salinity (ppt) 0.06		Sample Depth 0.3		135
	dd dms		Comments		ft Sp. Conductance (umho/cm)		
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓		Date	Time	Date	Time	
WIN/STOI	G1TLHR0033		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		A
Latitude	JUMPING GULLEY CREEK		Temp (C) 20.21		pH 7.30		
	Longitude		Salinity (ppt) 0.03		Sample Depth 0.15		62
	dd dms		Comments		ft Sp. Conductance (umho/cm)		
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓		Date	Time	Date	Time	
WIN/STORET #	G1TLHR0037		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		A
Latitude	LITTLE ALAPAH RIVER		Temp (C) 19.7		pH 7.15		
	Longitude		Salinity (ppt) 0.03		Sample Depth 0.15		65
	dd dms		Comments		ft Sp. Conductance (umho/cm)		
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓		Date	Time	Date	Time	
WIN/STORET #	G1TLHR0047		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		A
Latitude	SUGAR CREEK @ SUWANNEE RIV		Temp (C) 20.6		pH 7.15		
	Longitude		Salinity (ppt) 0.06		Sample Depth 0.15		19
	dd dms		Comments		ft Sp. Conductance (umho/cm)		

Relinquished By: <u>Tobert, Bartlett</u>	Date/Time: <u>4/23/2018 1537</u>	Shipping Method: <u>HDX</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>[Signature]</u>	Date/Time: <u>4/23/18 1540</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	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	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	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	4
	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:

E203

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. Burkett	4/23/18	749	22.0	8.74	8.75	100	-	1.06	P/F	L/F
ICV	↓		750	21.0		8.91	100	-	-	P/F	L/F
CCV			15:42	26.1	8.10	8.17	100	-	-	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 μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burkett	4/23/18	752	1801163	01/19	1000	1000	P/F	L/F
ICV	↓		802	270781	09/19	100	96	P/F	L/F
CCV			1543	2710781	09/19	100	95	P/F	L/F
CCV			1545	1801163	01/19	1000	999	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. Burkett	4/23/18	754	171121A	06/19	7.0	7.0	-41.6	P/F	L/F
Calibr.		↓	756	K01161	01/19	4.0	4.0	136.0	P/F	L/F
Calibr.	↓	↓	758	180222E	09/19	10.0	10.0	-202.8	P/F	L/F
ICV	↓	↓	804	180221E	09/19	10.0	10.0	-204.0	P/F	L/F
CCV			1548	1801162	01/19	4.0	4.26	120	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 10 162.2, slope from 4 to 7 177.6 (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:

