FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Tenmile Creek@ CR274 **Date:** 3-29-18 (mm/dd/yyyy)

WIN/ Field ID: G2TLHR0001 **WBID:** 569 **Latitude:** 30.5331 (Decimal Degrees)

County: Calhoun **ORG ID:** 21FLTLHR **Longitude:** -85.2275 (Decimal Degrees)

Receiving Body of Water: Chipola River **RQ-2018-** 02-26-64

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Paul Blair	✓		✓		
Jessie Tolbert III		✓		✓	✓

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#** **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~~	14:05	0.4	0.2	0.4	8.65	90.7	4.5	0.01	26.7	17.7
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 ☐ H_2SO_4			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ <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			

Place Preservative Sticker(s) Here (If Available)

Notes:

A-b/t/m

Field/WIN ID → G2TLHR0001

Location → TENMILE CREEK @ CR274

Signature: **Date:**

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (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-~~[struck out]~~ 02-26-64

A-b/t/m

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Paul Blair / Jessie Tolbert

Field Report Prepared By: Paul Blair

Sampling Agency: 8034

Field/WIN ID → G2TLHR0001

Location ↓ TENMILE CREEK @ CR274

Location: TENMILE CREEK @ CR274	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 3-29-18 Time 14:05	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A
Field ID: G2TLHR0001	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ~~90.7~~ 8.65 ☑ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN	Temp (C) 17.7	pH 4.5	Sample Depth 6.2 ☐ ft ☑ m	Sp. Conductance (umho/cm) 26.7	
Latitude ☐ dd ☐ dms / Longitude ☐ dd ☐ dms	Salinity (ppt) 0.01	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
Paul Blair	3-29-18 15:54	hand delivered	~~2~~ 1	[signature]	3/29/18 1558

Group: A	Bottle Type:	P-1L	# of Bottles: 15	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 15	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 15	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	ECOLI-18QT						
Group: A	Bottle Type:	QPCR-P-250ML	# of Bottles: 30	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	PCR-FILTER						
Group: A	Bottle Type:	BG-1L	# of Bottles: 15	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						
Group: A	Bottle Type:	P-500ML	# of Bottles: 15	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 15	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
	W-PO4-F						

Request Number: RQ-2018-03-12-48

kit C-b/M_pesticides (WBID 512 Wilson Mill Creek)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Paul Blair / Jessie Talbot

Field Report Prepared By: Paul Blair

Sampling Agency: 8034

Sample 1

Field	Value
Location	Wilson Mill Creek @ CR 274
Field ID	G2TLHR0032
WIN/STORET #	
Latitude (☐ dd ☐ dms)	
Longitude (☐ dd ☐ dms)	
☐ Comp ☑ Grab	Grab
Collection (comp begin or grab) Date	3-29-18
Time	13:00
☑ Eastern ☐ Central	Eastern
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	Fresh (circled)
Diss. Oxygen (☑ mg/L ☐ % sat)	8.43
Total Res. Chlorine (mg/L)	
Temp (C)	18.7
pH	6.7
Sample Depth (☐ ft ☑ m)	0.15
Sp. Conductance (umho/cm)	71
Salinity (ppt)	
Comments	
Bottle Group(s) (See pg 2)	A

Sample 2

Field	Value
Location	
Field ID	
WIN/STORET #	
Latitude (☐ dd ☐ dms)	
Longitude (☐ dd ☐ dms)	
☐ Comp ☐ Grab	
Collection (comp begin or grab) Date / Time	
Eastern / Central	
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen (☐ mg/L ☐ % sat)	
Total Res. Chlorine (mg/L)	
Temp (C)	
pH	
Sample Depth (☐ ft ☐ m)	
Sp. Conductance (umho/cm)	
Salinity (ppt)	
Comments	
Bottle Group(s)	

Sample 3

Field	Value
Location	
Field ID	
WIN/STORET #	
Latitude (☐ dd ☐ dms)	
Longitude (☐ dd ☐ dms)	
☐ Comp ☐ Grab	
Collection (comp begin or grab) Date / Time	
Eastern / Central	
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen (☐ mg/L ☐ % sat)	
Total Res. Chlorine (mg/L)	
Temp (C)	
pH	
Sample Depth (☐ ft ☐ m)	
Sp. Conductance (umho/cm)	
Salinity (ppt)	
Comments	
Bottle Group(s)	

Sample 4

Field	Value
Location	
Field ID	
WIN/STORET #	
Latitude (☐ dd ☐ dms)	
Longitude (☐ dd ☐ dms)	
☐ Comp ☐ Grab	
Collection (comp begin or grab) Date / Time	
Eastern / Central	
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen (☐ mg/L ☐ % sat)	
Total Res. Chlorine (mg/L)	
Temp (C)	
pH	
Sample Depth (☐ ft ☐ m)	
Sp. Conductance (umho/cm)	
Salinity (ppt)	
Comments	
Bottle Group(s)	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Paul Blair	3-29-18 15:54	hand delivered	1	[signature]	3/29/18 15:58

Group A W-PKNP-TO BG-1L Ice 4

Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	ECOLI-18QT					
Group: A	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	PCR-FILTER					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab 1
	W-CARB-AA					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab 4
	W-CT-CI-R W-PCL-SQ-R					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	W-E8321-DI W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
	W-ICP W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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 W-PO4-f P-125mL Filtered 1

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: YSI ProDSS #1 RQ- Project: SMP2018

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 3/18

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.	Jessie Tolbert	3-29-2018	845	21.0	8.92	8.91	100	N/A	1.09	(P) / F	(L) / F
ICV	↓	↓	846	21.1	8.89	8.91	100	N/A	1.09	(P) / F	(L) / F
CCV	↓	↓	1605	23.4	8.51	8.50	100	N/A	1.09	(P) / F	(L) / F
CCV										P / F	L / F

J-T

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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Jessie Tolbert	3-29-2018	849	180116B	1/2019	1008	1000	(P) / F	(L) / F
ICV	↓	↓	852	2710781	9/2019	100	95	(P) / F	(L) / F
CCV	↓	↓	1606	180116B	1/2019	1000	973	(P) / F	(L) / 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.	Jessie Tolbert	3-29-2018	855	171621A	6/2019	7.0	7.0	-8.0	(P) / F	(L) / F
Calibr.	↓	↓	856	180116D	1/2019	4.0	4.0	165	(P) / F	(L) / F
Calibr.	↓	↓	858	180221E	9/2019	10.0	10.0	-171	(P) / F	(L) / F
ICV	↓	↓	859	180221E	9/2019	10.0	10.0	-171	(P) / F	(L) / F
CCV	Jessie Tolbert	3-29-2018	1608	180116D	1/2019	4.0	4.0	159	(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 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 163, slope from 4 to 7 173 (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

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: