



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Wilson Mill Creek @ CR274

Date: 3.29.18
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0032

WBID: 512

Latitude: 30.5778

(Decimal Degrees)

County: Calhoun

ORG ID: 21FLTLHR

Longitude: -85.059

(Decimal Degrees)

Receiving Body of Water: Thomas Mill Creek

RQ-2018- 03-12-48

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
Paul Blair Jessie Talbert III					☒	☒	☒	☒	☒	☒ 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# Pro DSS					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 (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)									
EST	13:00	0.3	0.15	0.3	8.43	90.4	6.7	0.03	71.3	18.7									
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						☐ <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					☒ Ice												
		☒ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other												

Notes:

C-b/m w/ pesticides

Place Label Here

Signature: Paul Blair

Date: 3.29.18

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:

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Field Report Prepared By:

Collected By:

Sampling Agency:

Field/WIN ID →		Location ↓		 G2TLHR0001		 TENMILE CREEK @ CR274																																																																																																																																																																											
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Requisitioned By: Paul Blair	Date/Time 3-29-18 15:54	Shipping Method home delivered	Number of Coolers Shipped: 21	Received By: 	Date/Time 3/29/18 1558
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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						

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Paul Blair/Jessie Talbot

Field Report Prepared By: Paul Blair

Sampling Agency: 8034

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

Relinquished By: Paul Blair	Date/Time: 3-29-18 15:54	Shipping Method: hand delivered	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 3/29/18 15:55
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Group A W-PNP-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-Cl-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

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: VSI 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

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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Jessie Tolbert	3-29-2018	849	180116B	1/2019	1000	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 $\pm 5\%$

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.	Jessie Tolbert	3-29-2018	855	171121A	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 $+180 \pm 50$;

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

COMMENTS:

