FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Wilson Mill Creek @ CR274 **Date:** 5-14-2018 (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-** 03-12-18

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Chris Green	✓		✓		
Jon Woods		✓		✓	✓

Sampling Equipment
- ☑ Sample Container ☐ Van Dorn ☐ Pole
- ☐ Carboy ☑ Syringe
- ☐ Dipper ☐ Other
- Depth Measured with Secchi
- Equipment ID #2

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 / 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	12:45	0.3	0.15	0.3 VOB	7.62	87.8	6.76	0.04	88.2	22.4
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	SA7163030	6/12/18	☑ <2
Metals	☑ W-ICPMS ☑ W-ICP	☑ Ice ☐ HNO_3	NA7261120	9/18/18	☑ <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:
C-b/m w/ pesticides

Field/WIN ID → G2TLHR0032

Location → WILSON MILL CREEK @ CR274

Signature: CL S **Date:** 5-14-18

Enter Field Parameters, Verify Station ID In LIMS DMT: CL 5-25-18 (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** _____ (Initials/Date)

Scan/Save Field Sheets CL 5-25-18 (Initials/Date) **Migrate Data to WIN:** _____ (Initials/Date) **Verify Data In WIN:** _____ (Initials/Date)

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: Chris Green / Jon Woods

Field Report Prepared By: Chris Green

Sampling Agency: 8034

Sample 1

Field	Value
Location	WILSON MILL CREEK @ CR274
Field/WIN ID	G2TLHR0032
WIN/STORET #	
Latitude ☐ dd ☐ dms	
Longitude ☐ dd ☐ dms	
☐ Comp ☒ Grab	Grab
Collection (comp begin or grab) Date	5-14-2018
Collection Time	12:45
Eastern / Central	Eastern (circled)
Composite end Date / Time	—
Matrix (type, e.g., Salt, Fresh, etc)	Fresh (circled)
Diss. Oxygen ☒ mg/L ☐ % sat	7.62
Total Res. Chlorine (mg/L)	—
Temp (C)	22.4
pH	6.76
Sample Depth ☐ ft ☒ m	0.15
Sp. Conductance (umho/cm)	88.2
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
Chris Green	5-14-18 15:10	Hand			

Group:		Bottle Type:		# of Bottles:		Preservative:		Enter Number of Bottles Sent to Lab
A	W-PO4-F	P-125ML	2		FILTER-ICE		\
A	W-PSNP-TQ	BG-1L	6		ICE		\

Boldly "X" this box if there is qualified data on this page.

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: ProDSS 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.	J. Burtchett	5/14/18	755	22.7	8.63	8.63	100	-	1.09	P / F	L / F
ICV	↓	↓	805	22.4	8.61	8.62	100	-	-	P / F	L / F
CCV	Chris Green	5/14/18	15:30	23.2	8.54	8.57	100.3	-	-	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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	5/14/18	757	1804G3A	04/19	1000	1000	P / F	L / F
ICV	↓	↓	807	2802833	01/20	100	101	P / F	L / F
CCV	Chris Green	5/14/18	15:35	2802833	01/20	101	99	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.	J. Burtchett	5/14/18	759	171124	06/19	7.0	7.0	-14.7	P / F	L / F
Calibr.			801	1801160	01/19	4.0	4.0	148.0	P / F	L / F
Calibr.	↓	↓	803	1802216	09/19	10.0	10.0	-167.2	P / F	L / F
ICV			809	1802216	09/19	10.0	10.0	-171.0	P / F	L / F
CCV	Chris Green	5/14/18	15:38	1801160	01/19	4.0	4.0	-	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 10 152.5, slope from 4 to 7 162.7 (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 3/18

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: