



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes ☒ No ☐

WIN Station Name: Wilson Mill Creek end of NE IRS Chaney Rd. CR 27 0274 Date: 01/30/2018

WIN/ Field ID: G2TLHR0032 WBID: 512 Latitude: 30.570719 30.5707 (mm/dd/yyyy)

County: Calhoun ORG ID: 21FLTLHR Longitude: 85.057013 85.0590 (Decimal Degrees)

Receiving Body of Water: Thomas Mill Creek RQ-2018- 01-22-51 (Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
<u>125510 Tolbert</u> <u>125510 Burtchett</u>					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van-Dorn	☐ Pole	
										☐ Carboy	☒ Syringe	☐ Dipper	☐ Other
										Depth Measured with <u>Exo 3</u>			
										Equipment ID			
										Collection Method			
										☒ Wading	☐ Canoe/Kayak		
										☐ From Shore	☐ Electric Motor		
										☐ Other	☐ Gasoline Motor		

Water Level: Dry/ Pooled/ Low Normal / High / Flooded Meter ID# 51 Exo 3 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)	Sp COND (umhos/cm)	Temp. (C°)
<u>EST</u>	<u>12:15</u>	<u>0.3</u>	<u>.15</u>	<u>0.35</u>	<u>9.89</u>	<u>91.0</u>	<u>6.88</u>	<u>0.04</u>	<u>83.4</u>	<u>11.64</u>
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 ₂ SO ₄	<u>7275010</u>	<u>10/21/18</u>	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	<u>7276050</u>	<u>8/14/18</u>	☐ <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-CH-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 in bottom

Place Label Here

Signature: [Signature] Date: 1-30-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: [Signature] - 1-31-18 QC Station ID, Field Parameters In LIMS DMT: JB - 1-31-18

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Tolbert

Project ID: SMP

Collected By: Tolbert / Burtchett

Sampling Agency: 8034

Location	Field ID	WIN/STORET #	Latitude	Longitude	Location	Field ID	WIN/STORET #	Latitude	Longitude
Wilson Mill Creek NE Iris Chang Rd	G2 TLHRO032	G2 TLHRO032	☐ dd ☐ dms	☐ dd ☐ dms				☐ dd ☐ dms	☐ dd ☐ dms
Matrix (type, e.g., Salt, Fresh, etc) Fresh					Matrix (type, e.g., Salt, Fresh, etc)				
Temp (C) 11.64					Temp (C) 11.64				
pH 6.88					pH 6.88				
Salinity (ppt) 0.04					Salinity (ppt) 0.04				
Comments					Comments				
Diss. Oxygen 9.89					Diss. Oxygen 9.89				
Sample Depth 0.15					Sample Depth 0.15				
Sp. Conductance (umho/cm) 83.4					Sp. Conductance (umho/cm) 83.4				
Total Res. Chlorine (mg/L)					Total Res. Chlorine (mg/L)				
Composite end Date					Composite end Date				
Eastern Central					Eastern Central				
Bottle Group(s) A1B					Bottle Group(s)				

Location	Field ID	WIN/STORET #	Latitude	Longitude	Location	Field ID	WIN/STORET #	Latitude	Longitude
			☐ dd ☐ dms	☐ dd ☐ dms				☐ dd ☐ dms	☐ dd ☐ dms
Matrix (type, e.g., Salt, Fresh, etc)					Matrix (type, e.g., Salt, Fresh, etc)				
Temp (C)					Temp (C)				
pH					pH				
Salinity (ppt)					Salinity (ppt)				
Comments					Comments				
Diss. Oxygen					Diss. Oxygen				
Sample Depth					Sample Depth				
Sp. Conductance (umho/cm)					Sp. Conductance (umho/cm)				
Total Res. Chlorine (mg/L)					Total Res. Chlorine (mg/L)				
Composite end Date					Composite end Date				
Eastern Central					Eastern Central				
Bottle Group(s)					Bottle Group(s)				

Location	Field ID	WIN/STORET #	Latitude	Longitude	Location	Field ID	WIN/STORET #	Latitude	Longitude
			☐ dd ☐ dms	☐ dd ☐ dms				☐ dd ☐ dms	☐ dd ☐ dms
Matrix (type, e.g., Salt, Fresh, etc)					Matrix (type, e.g., Salt, Fresh, etc)				
Temp (C)					Temp (C)				
pH					pH				
Salinity (ppt)					Salinity (ppt)				
Comments					Comments				
Diss. Oxygen					Diss. Oxygen				
Sample Depth					Sample Depth				
Sp. Conductance (umho/cm)					Sp. Conductance (umho/cm)				
Total Res. Chlorine (mg/L)					Total Res. Chlorine (mg/L)				
Composite end Date					Composite end Date				
Eastern Central					Eastern Central				
Bottle Group(s)					Bottle Group(s)				

Relinquished By: Tolbert / Burtchett	Date/Time: 1-30-2018 14:42	Shipping Method: HD	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time: 1-30-18 14:42
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Group: B	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 18	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2
Group: B	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 18	Preservative:	ICE	Enter Number of Bottles Sent to Lab 4

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: Exo3

RQ: 2016

Project: SMP 2016

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	1/30/18	943	14.2	9.22	9.21	100	-	1.06	<u>P</u> /F	<u>L</u> /F
ICV	✓	✓	953	14.7	9.31	9.31	100	-	-	<u>P</u> /F	<u>L</u> /F
CCV	✓	✓	955	16.8	9.71	9.71	100	-	-	<u>P</u> /F	<u>L</u> /F
CCV			1416							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. Burkett	1/30/18	945	171121D	12/18	1000	1000	<u>P</u> /F	<u>L</u> /F
ICV	✓	✓	955	2710781	9/19	100	101	<u>P</u> /F	<u>L</u> /F
CCV	✓	✓	1452	2710781	09/19	100	103	<u>P</u> /F	<u>L</u> /F
CCV			1455	171121D	12/18	1000	996	<u>P</u> /F	<u>L</u> /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	1/30/18	947	171121A	06/19	7.0	7.0	-25.3	<u>P</u> /F	<u>L</u> /F
Calibr.	↓	↓	949	180116D	01/19	4.0	4.0	154.2	<u>P</u> /F	<u>L</u> /F
Calibr.	↓	↓	951	171121B	06/19	10.0	10.0	-142.4	<u>P</u> /F	<u>L</u> /F
ICV	↓	↓	957	171121B	06/19	10.0	10.0	-144.2	<u>P</u> /F	<u>L</u> /F
CCV	↓	↓	1459	180116D	01/19	4.0	4.0	151.3	<u>P</u> /F	<u>L</u> /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 10 167.1, slope from 4 to 7 179.5 (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: