

RQ-2019-09-30-56

Field Personnel processing steps

☐ New Field IDs created (when using a new station) Date: _____ initials: _____ ☒ NA

☐ Create entry in SMPStationCreationFile if new station is used

\\Fidep1\wqap\NW ROC\TMDL\WIN_Station Creation

☒ Date sampled Date: 10/9/19 initials: NM

☒ Update "SMP Tracker" Date: 10/9/19 initials: NM

☐ Photos put into archive Date: _____ initials: _____ ☒ NA

☒ Copy of Calibration Log for YSI used

☒ Field Sheets initialed/dated @ "Scan/Save Field Sheets" then scanned and saved into:

Scans_ToBeProcessed Date: 10/10/19 initials: NM

Scan order; Cover Sheet, Calibration Log, Field Sheets, Tallahassee Submittal Sheets, Overflow Lab COC

☒ Update "Data Tracker"

\\publicfiles\pubfds\DEAR\WQAPmonitoring\StrategicMonitoring\2019\21FLPNS

Ready for folder system (top)

LIMS processing (to be completed by LIMS data personnel) (MC)

☐ Field parameters entered into LIMS Date: _____ initials: _____

☐ Digital RQ packet put into

SMP 2019/Data/Scanned Field Sheets Date: _____ initials: _____

☐ Digital field Sheets put into archive Date: _____ initials: _____

☐ Date submitted for QA/QC Date: _____ initials: _____

☐ Update "Data Tracker"

Database processing (Cheryl)

☐ Field parameters QA/QC in LIMS Date: _____ initials: _____

☐ Lab results put into archive (CB) Date: _____ initials: _____

☐ Data migrated to WINS Date: _____ initials: _____

☐ Update "Data Tracker"

Notes:

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

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

Meter ID: 15077 RQ: 2019-01-30-S6 Project: SMP

- 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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 6/13/19

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.											P / F	L / F
ICV											P / F	L / F
CCV	<u>AM</u>	<u>10/9/19</u>	<u>0700</u>	<u>24.5</u>	<u>760</u>	<u>8.3</u>	<u>8.35</u>	<u>100.1</u>			<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
CCV	<u>HS</u>	<u>10/9/19</u>	<u>1418</u>	<u>21.8</u>	<u>760</u>	<u>8.8</u>	<u>8.79</u>	<u>100.3</u>			<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>

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 (Pro DSS 0.75 to 1.50); 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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	<u>AM</u>	<u>10/9/19</u>	<u>0704</u>	<u>190116A</u>	<u>1/20</u>	<u>1000</u>	<u>1000</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
ICV	<u>V</u>	<u>V</u>	<u>0708</u>	<u>190118A</u>	<u>6/20</u>	<u>100</u>	<u>104</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
CCV	<u>HS</u>	<u>10/9/19</u>	<u>1410</u>	<u>190116A</u>	<u>1/20</u>	<u>1000</u>	<u>958</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	<u>AM</u>	<u>10/9/19</u>	<u>0710</u>	<u>2811803</u>	<u>10/20</u>	<u>7.</u>	<u>23.9</u>	<u>7.0</u>	<u>718.1</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
Calibr.	<u>V</u>	<u>V</u>	<u>0712</u>	<u>2902818</u>	<u>1/21</u>	<u>4.</u>	<u>23.9</u>	<u>4.0</u>	<u>54.5</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
Calibr.	<u>V</u>	<u>V</u>	<u>0714</u>	<u>4204E04</u>	<u>9/20</u>	<u>10.</u>	<u>23.9</u>	<u>10.0</u>	<u>280.9</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
ICV			<u>0720</u>	<u>2902818</u>	<u>1/21</u>	<u>4.0</u>	<u>23.9</u>	<u>3.95</u>	<u>54.7</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
CCV	<u>HS</u>	<u>10/9/19</u>	<u>1415</u>	<u>2811803</u>	<u>10/20</u>	<u>7</u>	<u>22.1</u>	<u>7.01</u>	<u>760.1</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
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 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: _____

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: 6/13/19

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	<u>AM</u>	<u>10/9/19</u>	<u>0721</u>	<u>0.00</u>	<u>0.00</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Eightmile Creek upstream of CR 181 (South of)

Date: 10/09/2019
(mm/dd/yyyy)

WIN/ Field ID: G3NW0136

WBID: 42

Latitude: 30.979626

County: Walton

ORG ID: 21FLPNS

Longitude: -86.179136
(Decimal Degrees)

Receiving Body of Water: Pea River

RQ-2019- 09-30-56
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>H Schmuck</u>					☒	☒	☒	☒	☒
<u>N Mulkey</u>					☒	☒	☒	☒	☒

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# 155077

Matrix: Fresh / Marine / DI

Photos: Yes No Flow: No Flow / Intertidal / 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 (µmhos/cm)	Temp. (C°)
EST	920	0.2	0.1	0.2	7.72	86.9	6.79	0.06	138.7	21.1
<u>CEN</u>										

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	<u>5A9129100</u>	<u>5920</u>	☐ <2
Metals	☒ W-CPMS ☒ W-ICP	☒ Ice ☒ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>16918633</u>		
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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ M-FW-OLD	☐ Formalin			
Periphyton	☐ ALGAL-ID	☐ Ice			
Microbiology	☒ E Coll ☐ F Col ☐ Enterococcus	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HFJL3 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DL ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TL ☐ W-CT-CL-R ☐ W-E8321-DL ☐ W-PC-50-S ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ PLY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

A

WIN ID →



G3NW0136

Location:

Eightmile Creek upstream of CR 181 (South of)

Signature: Heather

Date: 10/09/2019

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:

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



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Gum Creek

Date: 10/09/2019
(mm/dd/yyyy)

WIN/Field ID: G4NW0382

WBID: 167A

Latitude: 30.78473

County: Walton

ORG ID: 21FLPNS

Longitude: -86.23354

Receiving Body of Water: Shoal River

RQ-2019- 09-30-56

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>H. Schmitt</u>					☒	☒	☒	☒	☒
<u>N. Mulkey</u>					☒	☒	☒	☒	☒

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# 55077

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 (µmhos/cm)	Temp. (C°)
EST	1027	0.2	0.1	0.2	8.48	95.6	5.64	0.01	28.7	21.2
<u>CEN</u>										

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	<u>9129100</u>	<u>5/9/20</u>	☐ <2
Metals	☐ W-IC-MS ☐ W-ICP	☐ Ice ☐ HNO3			☐
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>16918633</u>		
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-BC-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ ML-FW-OLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coll ☐ F Coll ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BACR ☐ PCR-GUL2 ☐ PCR-DE3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-EE321-DK ☐ W-EE321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-GT-CL-R ☐ W-EE321-BE ☐ W-PC1-SQ-B ☐ W-EE321-MS ☐ W-CAB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Place Preservative Sticker(s) Here
(If Available)

Notes:

B 2941

Field/WIN ID

G4NW0382

Location:

GUM CREEK

Signature:

Heath Schmitt

Date:

10/09/2019

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:

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

Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
Group: B	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab	
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE		Enter Number of Bottles Sent to Lab	

