

RQ-2019-12-16-20

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: 12/17/19 initials: UM

☒ Update "SMP Tracker" Date: 12/17/19 initials: UM

☐ 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: 12/17/19 initials: UM

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: 155071

RO: 12-16-20

Project: CMP

- 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 10/17/19

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>NM</u>	<u>12/17/19</u>	<u>0900</u>	<u>21.9</u>	<u>759</u>	<u>8.7</u>	<u>8.72</u>	<u>99.7</u>			<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
CCV			<u>1400</u>	<u>16.3</u>	<u>760</u>	<u>9.8</u>	<u>9.86</u>	<u>100.7</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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	<u>NM</u>	<u>12/17/19</u>	<u>0904</u>	<u>190116A</u>	<u>1/20</u>	<u>1000</u>	<u>1006</u>	P / F	<u>L</u> / <u>F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>0908</u>	<u>18057A</u>	<u>1/20</u>	<u>100</u>	<u>103</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
CCV	<u>↓</u>	<u>↓</u>	<u>1408</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>104</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>NM</u>	<u>12/17/19</u>	<u>0910</u>	<u>2904382</u>	<u>3/21</u>	<u>7.</u>	<u>21.6</u>	<u>7.0</u>		P / F	<u>L</u> / <u>F</u>
Calibr.	<u>↓</u>	<u>↓</u>	<u>0912</u>	<u>4902325</u>	<u>2/21</u>	<u>4.</u>		<u>4.0</u>		P / F	<u>L</u> / <u>F</u>
Calibr.	<u>↓</u>	<u>↓</u>	<u>0914</u>	<u>4904E09</u>	<u>9/20</u>	<u>10.</u>		<u>10.0</u>		P / F	<u>L</u> / <u>F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>0916</u>	<u>4902325</u>	<u>2/21</u>	<u>4.0</u>	<u>21.6</u>	<u>3.95</u>	<u>114.70</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
CCV	<u>↓</u>	<u>↓</u>	<u>1408</u>	<u>2904382</u>	<u>3/21</u>	<u>7.0</u>	<u>21.4</u>	<u>7.14</u>	<u>20.50</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: 10/17/19

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last 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	<u>0920 NM</u>	<u>12/17/19</u>	<u>0920</u>	<u>0.00</u>	<u>0.80</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:

Ten Mile Creek upstream of Pine Forest Road

Date:

12/17/2019
(mm/dd/yyyy)

WIN/ Field ID: G5NW0051

WBID: 489A

Latitude: 30.54978

County: Escambia

ORG ID: 21FLPNS

Longitude: 87.31211

Receiving Body of Water: Perdido

RQ-2019-12-16-20

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
N/A									☒ 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 / 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		0.2		VOB									
(CEN)	1030		8.1		8.58	77.2	6.02	0.04	77.2	16.6			
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-CHC / W-COLOR / W-SO4-IC / W-TDS				☐ Ice							
Physical/Aggregate (Marine)		☐ Alkalinity / W-BR-IC / 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-BacR ☐ PCR-GULL2				☒ Ice							
		☒ PCR-HF183 ☒ PCR-DG3 ☐ PCR-GFD											
Tracers		☒ W-E8321-DI ☒ W-E8321-MS				☒ Ice							
Pesticides		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI				☐ Ice							
		☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA											
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C				☐ Ice							

Notes:

B
L 19192

Field/WIN ID



G5NW0051

Location:

Ten Mile Creek upstream of Pine Forest Road

Signature:

[Signature]

Date:

12/17/19

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

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Sandy Point Creek below Sandy Point Street

Date: 12/17/2019
(mm/dd/yyyy)

WIN/ Field ID: G4NW0080

WBID: 534

Latitude: 30.568300

County: Santa Rosa

ORG ID: 21FLPNS

Longitude: -87.023330
(Decimal Degrees)

Receiving Body of Water: Blackwater Bay

RQ-2019- 07-29-13-12-16-20
(Decimal Degrees)

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
									☒ Sample Container	☐ Van Dorn	☐ Pole		
									☐ Carboy	☒ Syringe			
									☐ Dipper	☐ Other			
									Depth Measured with _____				
									Collection Method				
									☒ Wading	☐ Canoe/Kayak			
									☐ From Shore	☐ Electric Motor			
									☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded				Meter ID# <u>55077</u>				Matrix: <u>Fresh</u> Marine / DI					
Photos: Yes / <u>No</u>				Flow: No Flow / Intertidal / <u>Flowing</u> NA				Tide: Rising/ Falling/ Slack <u>NA</u>				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													
<u>CEN</u>	<u>1115</u>	<u>0.4</u>	<u>0.2</u>	<u>VAB</u>	<u>4.51</u>	<u>46.3</u>	<u>5.02</u>	<u>0.04</u>	<u>89.5</u>	<u>16.7</u>			
Biological Samples Collected: <u>None</u> 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>5/1/20</u>	☐ <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-BR-IC / W-F / W-TSS / TURBIDITY				☐ Ice							
Macroinvertebrates		☐ MI-FW-QLDC				☐ Formalin							
Periphyton		☐ ALGAE-ID				☐ Ice							
Microbiology		☒ E Coll ☐ F Coll ☐ Enterococci				☒ Ice							
Molecular		☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD				☐ Ice							
Tracers		☐ W-E8321-DI ☐ W-E8321-MS				☐ Ice							
Pesticides		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA				☐ Ice							
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C											

Notes:

BA

Dryum

Field/WIN ID



G4NW0080

Location:

Sandy Point Creek below Sandy Point Street

Signature: [Signature]

Date: 12/17/19

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

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

12-16-20

Request Number: RQ-2019-000092

PENS/CANT RUN

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: NW-DIST
Project ID: SMP

Requester: Michael King
Collected By: Nathan Mullen

Field Report Prepared By: N. Mullen
Sampling Agency: NWROC



Field/WIN ID

Location:
Ten Mile Creek upstream of Pine Forest Road

☐ Comp	☒ Grab	Collection (comp begin or grab)	Time	1030	Eastern	Central	Composite end	Date	Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)								
Temp (C)		pH	6.02							
Salinity (ppt)		Comments								
☐ dd	☐ dms									
		Sample Depth	0.1							
		Sp. Conductance (umho/cm)	77.2							
										B



Field/WIN ID

Location:
Sandy Point Creek below Sandy Point Street

☐ Comp	☒ Grab	Collection (comp begin or grab)	Time	1115	Eastern	Central	Composite end	Date	Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)								
Temp (C)		pH	5.02							
Salinity (ppt)		Comments								
☐ dd	☐ dms									
		Sample Depth	0.2							
		Sp. Conductance (umho/cm)	87.5							
										A

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

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

Relinquished By:	Date/Time: 12/17/19	Shipping Method: Fed Ex	Number of Coolers Shipped: 1	Received By:	Date/Time:
------------------	---------------------	-------------------------	------------------------------	--------------	------------

