

RQ-2019-09-16-41

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: 9/17/19 initials: NM

☒ Update "SMP Tracker" Date: 9/18/19 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: 9/18/19 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:

154179

RQ:

2019-09-16-41

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	NM	9/17/19	0630	26.4	765	8.1	8.06	99.4			P	L
CCV	↓	↓	1430	22.2	765	8.8	8.80	100.4			P	L

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.	NM	9/17/19	0634	190116A	1/20	1000	1000	P / F	L / F
ICV	↓	↓	0638	190618A	6/26	100	104	P	L
CCV	↓	↓	1434	↓	↓	100	104	P	L
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.	NM	9/17/19	0640	281803	10/20	7.	26.0	7.0		P / F	L / F
Calibr.	↓	↓	0642	280288	1/21	4.	26.0	4.0	114.6	P / F	L / F
Calibr.	↓	↓	0644	4904E09	9/20	10.	26.0	10.0		P / F	L / F
ICV	↓	↓	0645	280288	1/21	4.0	26.1	4.08	114.5	P	L
CCV	↓	↓	1440	281803	10/20	7.0	22.2	7.19		P	L
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	0.50 NM	9/17/19	0640	0.00	0.0	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:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Pond Creek @ CR 393

Date: 09/17/2019
(mm/dd/yyyy)

WIN/ Field ID: G4NW0195

WBID: 35

Latitude: 30.86596

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.407174
(Decimal Degrees)

Receiving Body of Water: Pond Creek in McCloud Bay

RQ-2019-09-16-41
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
S. Hoke N. Mulkey									

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
Photos: Yes No Flow: No Flow / Intestinal / Flowing NA
Meter ID# 54179 Matrix: Fresh / Marine / DI
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	0835	0.2	0.1	0.2	8.00	92.5	5.67	0.02	42.3	22.8
<u>CEN</u>				VOB						

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-TOL / ☐ W-S-A-TP	☐ Ice ☐ H2SO4			☐ <
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☐ CHL-SUITE-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-AR-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-PC-5Q-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-ON-C ☐ KD-ON-C				

Notes: C

Field/WIN ID → G4NW0195

Location: POND CREEK @ CR 393

Signature: [Signature] Date: 9/17/19

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 (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: Pond Creek upstream of Steele Mill Creek Rd

Date: 09/17/17
(mm/dd/yyyy)

WIN/ Field ID: G4NW0062

WBID: 35

Latitude: 30.907499

County: Okaloosa

ORG ID: 21FLPNS

Longitude: 86.391643
(Decimal Degrees)

Receiving Body of Water: Pond Creek in McCloud Bay

RQ-2019- 09-16-41
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
S. Slide									
M. Mulkey									

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: Low / Pooled / Low / Normal / High / Flooded

Meter ID# 154179

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	0855	0.1	0.05	0.1	7.08	82.3	5.55	0.02	45.4	23.0
CEN			0.05	0.03						

Biological Samples Collected: None / HA / SCI / RPS / Algae ID / LVS / LVI / Other:

SBIO ID Numbers: SBIO-ID: None / 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 0.45µm Filter	☐ Ice			
Chlorophyll	☐ CHL-SUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / ☐ W-P / ☐ W-TSS / ☐ TURBIDITY / ☐ W-CL-C / ☐ W-COLOR / ☐ W-SO4-C / ☐ W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-BR-C / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ M-FW-QLOC	☐ 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-PQ-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ QTY-QN-C ☐ PKD-QN-C				

Notes: C

Field/WIN ID → G4NW0062

Location: Pond Creek upstream of Steele Mill Creek Rd

Signature: [Signature] Date: 9/17/17

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:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name:

Horsehead Creek upstream of Steele Mill Creek Rd

Date: 09/17/19
(mm/dd/yyyy)

WIN/ Field ID: G4NW0428

WBID: 34

Latitude: 30.93403

County: Okaloosa

ORG ID: 21FLPNS

Longitude: 86.43558
(Decimal Degrees)

Receiving Body of Water: Pond Creek

RQ-2019- 09-16-41
(Decimal Degrees)

Sampling Team Members

J. Hade
N. Mulky

WQ Measurements
Sample Collection
Documentation
Preservation
Preservation Check

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# 154177

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 (umhos/cm)	Temp. (C°)
EST	<u>0910</u>	<u>0.2</u>	<u>0.2</u>	<u>0.1</u>	<u>5.97</u> <u>64.8</u>	<u>69.8</u>	<u>5.26</u>	<u>0.02</u>	<u>36.0</u>	<u>23.2</u>
<u>CEN</u>			<u>0.1</u> cab-9/19/19	<u>0.2 S</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 ☐ H ₂ SO ₄	<u>9129100</u>	<u>5/9/20</u>	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <4
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 um 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-ORP / 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-GULLZ ☐ 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 ☐ W-E8321-MS ☐ W-CAR8-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Place Preservative Sticker(s) Here
(If Available)

Notes:

B

Field/WIN ID →

G4NW0428

Location:

Horsehead Creek upstream of Steele Mill Creek Rd

Signature:

J. Hade

Date: 9/17/19

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 (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: Poverty Creek upstream of Poverty Creek Rd Date: 09/17/19
WIN/ Field ID: G4NW0427 WBID: 161 Latitude: 30.80877
County: Okaloosa ORG ID: 21FLPNS Longitude: -86.465189
Receiving Body of Water: Shoal River RQ-2019- 09-16-41

Sampling Team Members <u>S. Blak</u> <u>N. Mulkey</u>	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
	☒	☒	☒	☒	☒
	Sampling Equipment				
	☒ Sample Container ☐ Van Dorn ☐ Pole ☐ Carboy ☒ Syringe ☐ Dipper ☐ Other Depth Measured with _____ Equipment ID _____				

Water Level: Dry / Pooled / Low / Normal / High / Flooded Meter ID# 154175 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	0955	0.2	0.1	0.2	8.26	96.6	4.80	0.01	18.9	23.4
CEN				VOB						

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	9129100	9/9/20	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	1098633		
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-CH-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-A ☐ W-E8321-MS ☐ W-CAR8-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Notes: A

Field/WIN ID → G4NW0427

Location: Poverty Creek upstream of Poverty Creek Rd

Signature: [Signature] Date: 9/17/19

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:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Deadfall Creek upstream of Old River Rd

Date: 09/17/19
(mm/dd/yyyy)

WIN/Field ID: G4NW0491

WBID: 145A

Latitude: 30.86256

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.614049

Receiving Body of Water: Mill Branch

RQ-2019- 09-16-41

Sampling Team Members

J. Blake
N. Munk

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# 154173

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	1050	0.3	0.15m	0.3	7.72	88.2	5.12	6.01	23.8	22.2
CEN			0.15	0.3						

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	9129100	5/9/20	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <4
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	16918633		
Chlorophyll	☐ CHL-SUITE-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-SS-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ M-IPW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BaCR ☐ PCR-GULL2 ☐ PCR-HF383 ☐ 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-POL-SQ-A ☐ W-E8321-MS ☐ W-CARP-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Place Preservative Sticker(s) Here
(If Available)

Notes:

A

Field/WIN ID →

G4NW0491

Location:

Deadfall Creek upstream of Old River Rd

Signature:

Johns

Date:

9/17/19

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 Sheet

Migrate Data to WIN:

Verify Data In WIN:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Deadfall Creek upstream of Shockley Springs Rd Date: 09/17/17

WIN/ Field ID: G4NW0490 WBID: 145A Latitude: 30.87173

County: Okaloosa ORG ID: 21FLPNS Longitude: -86.62449439

Receiving Body of Water: Mill Branch RQ-2019- 09-16-41

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<i>S. Hodge</i> <i>N. Mulkey</i>									

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# 159173 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	<u>11:10</u>	<u>0.3</u>	<u>0.15</u>	<u>0.3</u>	<u>7.64</u>	<u>87.3</u>	<u>5.05</u>	<u>0.01</u>	<u>21.6</u>	<u>22.2</u>
CEN				<u>VOB</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>9129106</u>		☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <4
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	<u>11691633</u>		
Chlorophyll	☐ W-LSUITE-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-PE-E / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ W-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ Coll ☐ F Coll ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-Bact ☐ PCR-GULLZ ☐ PCR-HPL83 ☐ 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-PC-SQ-B ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Notes: <i>A</i>	Field/WIN ID → G4NW0490
	Location: Deadfall Creek upstream of Shockley Springs Rd
Signature: <i>Steph Hodge</i>	Date: <u>9/17/17</u>

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)

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Collected By:

Field Report Prepared By:

Sampling Agency:

Location: Field/WIN ID →
Field ID: G4NW0195
WIN/STC: POND CREEK @ CR 393

Latitude: ☐ dd ☐ dms Longitude: ☐ dd ☐ dms

Location: Field/WIN ID →
Field ID: G4NW0062
WIN/STC: Pond Creek upstream of Steele Mill Creek Rd

Latitude: ☐ dd ☐ dms Longitude: ☐ dd ☐ dms

Location: Field/WIN ID →
Field ID: G4NW0428
WIN/STC: Horsehead Creek upstream of Steele Mill Creek Rd

Latitude: ☐ dd ☐ dms Longitude: ☐ dd ☐ dms

Location: Field/WIN ID →
Field ID: G4NW0427
WIN/STC: Poverty Creek upstream of Poverty Creek Rd

Latitude: ☐ dd ☐ dms Longitude: ☐ dd ☐ dms

☐ Comp	☒ Grab	Collection (comp begin or grab)	Date	Time	Eastern	Central	Composite end	Date	Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)								
Temp (C)	22.8	pH	5.67	Sample Depth	0.1	ft	Sp. Conductance (umho/cm)	42.3		C
Salinity (ppt)		Comments								

☐ Comp	☒ Grab	Collection (comp begin or grab)	Date	Time	Eastern	Central	Composite end	Date	Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)								
Temp (C)	23.0	pH	5.55	Sample Depth	0.1	ft	Sp. Conductance (umho/cm)	45.3		C
Salinity (ppt)		Comments								

☐ Comp	☒ Grab	Collection (comp begin or grab)	Date	Time	Eastern	Central	Composite end	Date	Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)								
Temp (C)	23.2	pH	5.26	Sample Depth	0.2	ft	Sp. Conductance (umho/cm)	23.2		B
Salinity (ppt)		Comments								

☐ Comp	☒ Grab	Collection (comp begin or grab)	Date	Time	Eastern	Central	Composite end	Date	Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)								
Temp (C)	23.4	pH	4.80	Sample Depth	0.1	ft	Sp. Conductance (umho/cm)	23.4		A
Salinity (ppt)		Comments								

Relinquished By: <i>[Signature]</i>	Date/Time: 9/17/19	Shipping Method: Fed Ex	Number of Coolers Shipped: 1	Received By: <i>[Signature]</i>	Date/Time:
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Group: B	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				
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F				
Group: C	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
	NW-UWF-ECQ				
Group: D	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY				
	TURBIDITY				
	W-CL-IC				
	W-COLOR				
	W-F				
	W-SO4-IC				
	W-TDS				
	W-TSS				
Group: D	Bottle Type:	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W				
Group: D	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
	NW-UWF-ECQ				
Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab
	W-ICP				
	W-ICPMS				
Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: D	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	Field/WIN ID →		Barcode G4NW0491		Collection (comp begin or grab) Date 9/17/19 Time 1050		Eastern Central Date		Composite end Date		Bottle Group(s) (See pg 2)	
Field ID	Location: Deadfall Creek upstream of Old River Rd		G4NW0491		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.72		Total Res. Chlorine (mg/L)		A	
WIN/STOI	Latitude		Longitude		Temp (C) 22.2		pH 5.12		Sample Depth 0.2		Sp. Conductance (umho/cm) 23.8	
Location	Field/WIN ID →		Barcode G4NW0490		Collection (comp begin or grab) Date 9/17/19 Time 1110		Eastern Central Date		Composite end Date		Bottle Group(s)	
Field ID	Location: Deadfall Creek upstream of Shockley Springs Rd		G4NW0490		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.64		Total Res. Chlorine (mg/L)		A	
WIN/STOI	Latitude		Longitude		Temp (C) 22.2		pH 5.05		Sample Depth 0.2		Sp. Conductance (umho/cm) 21.6	
Location	Field/WIN ID →		Barcode G4NW0491		Collection (comp begin or grab) Date 9/17/19 Time 1050		Eastern Central Date		Composite end Date		Bottle Group(s)	
Field ID	Location: Deadfall Creek upstream of Old River Rd		G4NW0491		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.72		Total Res. Chlorine (mg/L)		A	
WIN/STOI	Latitude		Longitude		Temp (C) 22.2		pH 5.12		Sample Depth 0.2		Sp. Conductance (umho/cm) 23.8	
Location	Field/WIN ID →		Barcode G4NW0490		Collection (comp begin or grab) Date 9/17/19 Time 1110		Eastern Central Date		Composite end Date		Bottle Group(s)	
Field ID	Location: Deadfall Creek upstream of Shockley Springs Rd		G4NW0490		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.64		Total Res. Chlorine (mg/L)		A	
WIN/STOI	Latitude		Longitude		Temp (C) 22.2		pH 5.05		Sample Depth 0.2		Sp. Conductance (umho/cm) 21.6	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<i>[Signature]</i>	9/17/19	FEDEX	1	<i>[Signature]</i>	

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Document Reference # 05.1.0

Sampler's initials: *JA*

Laboratory: Wetlands Research Laboratory

Project: FDEP

Method of transport: Drop off on ice by automobile

Samples delivered by 10/12 of 10/12 FDEP

Sample received by: John D. Blue of WRL

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line if a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

Page 1 of 1
Date/Time: 9/17/19 1323
Date/Time: 9/17/19 1323

Date/Time: 11/1/13

Date/Time: 2/1/19 1:323

[illegible]

Comments	sample container lot#	lot#
	19192	#18443

RQ-2019-09-16-41

Contact organization FDEP

Address 160 W Governmental Street, suite 208, Pensacola, FL 32502

1Matrix: SW = surface water PW = pore water GW = ground water S = soil/sediment, X =

²Type codes: G = graph C = composite X =

Contact name	Michael King
Phone:	(850) 595-8300

Sampler's name:

Nathan Milburg

³ Recorded using IRT-2

Wetlands Research Laboratory

\\Fiden1\dear\WQAP\Regional Operations\Operations\North Carolina\MDL\SMP 2019\Field Sheets and Labels\Crestview-Laurel Hill Run\UWF_Sample transmittal form