

RQ-2019-11-11-21

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: 11/12/2019 initials: MK

☒ Update "SMP Tracker" Date: 11/12/2019 initials: FB

☐ 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: 11/13/2019 initials: FB

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:

Ref: _____ Date: 28Oct19 SHIPPING: 0.00
Dep: _____ Wgt: 20.00 LBS SPECIAL: 0.00
DV: 0.00 HANDLING: 0.00
TOTAL: 0.00
Avne: PRIORITY OVERNIGHT Master 1278 4008 8507
TRACK: 1278 4008 8507

Ref: _____ Date: 28Oct19 SHIPPING: 0.00
Dep: _____ Wgt: 20.00 LBS SPECIAL: 0.00
DV: 0.00 HANDLING: 0.00
TOTAL: 0.00

Avne: PRIORITY OVERNIGHT Master 1278 4008 8507
TRACK: 1278 4008 8518

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:

2019-11-12

Project:

SWP

- 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

10/17/2019

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	MIKELLY	11/12	0725	23.4	767.6	8.6	8.3	96.2			P / F	L / F
CCV	Frank Butler	11/12	1530	22.0	769.0	8.8	8.93	101.0			P / F	L / F

DO Acceptance criteria from Table 1 ± 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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	F Butler	11/12	7:41	190405A	06/2020	1000	100.1	P / F	L / F
ICV	F Butler	11/12	7:47	190405A	06/2020	100	104.2	P / F	L / F
CCV		11/12		19				P / F	L / F
CCV	F Butler	11/12	1538	190608B	6/2020	5000	4880	P / F	L / F

Conductivity Acceptance criteria ± 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.	F Butler	7:52	11/12	190405A	06/2020	7.0	23.2	7.0	72.5	P / F	L / F
Calibr.		7:55	11/12	190405F	06/2020	4.0	22.4	4.0	93.6	P / F	L / F
Calibr.		7:57	11/12	190405G	06/2020	10.0	23.2	10.0	235.9	P / F	L / F
ICV		8:01	11/12	190405B	06/2020	4.0	23.2	3.96	95.0	P / F	L / F
CCV										P / F	L / F
CCV	F Butler	11/12	1542	190405H	06/2020	7.0	23.0	7.03		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 -163.9; slope from 4 to 7 166.1 (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: 10/7/19

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	F. Butler	10/12/19	7:03	0.00	0.00	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:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
Yes / No

WIN Station Name: Alaqua Creek at Park boat ramp Date: 11/12/2019
WIN/ Field ID: G3NW0163 WBID: 351A Latitude: 30.51254
County: Walton ORG ID: 21FLPNS Longitude: -86.18635
Receiving Body of Water: Basin Bayou RQ-2019- 11-11-21

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Michael King						
Frank Butera						

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☒ Other	
Depth Measured with <u>YSI</u>		
Equipment ID		

Collection Method		
☐ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☒ Other <u>Dock</u>	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded Meter ID# 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 (umhos/cm)	Temp. (C°)
EST	10:05	0.3	0.3	1.05	7.93	79.5	5.91	2.39	4440	15.3
CEN		1.05		"S"						

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	SA9203100	07/22/20	☒ <2
Metals	☐ W-Cd / ☐ W-Cr / ☐ W-Pb / ☐ W-Zn	☐ Ice ☐ HNO3			
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	16918633		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☐ W-TSS / W-TSS / W-TSS / W-TSS / W-TSS / W-TSS / W-TSS / W-TSS	☐ Ice			
Physical/Aggregate (Marine)	☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☒ Ice			
Macroinvertebrates	☐ W-MACRO	☐ Formalin			
Periphyton	☐ W-PER	☐ Ice			
Microbiology	☐ W-BACT / ☐ W-BACT / ☒ Enterococci	☒ Ice			
Molecular	☐ W-DNA / ☐ W-DNA / ☐ W-DNA	☐ Ice			
Tracers	☐ W-TRACER / ☐ W-TRACER	☐ Ice			
Pesticides	☐ W-PEST / ☐ W-PEST	☐ Ice			
Phytoplankton	☐ W-PHYTO / ☐ W-PHYTO	☐ Ice			

Notes:

Field/WIN ID: G3NW0163

Location: Alaqua Creek at Park boat ramp

Signature: [Signature] Date: 11/12/2019

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 FB 11/13/2019 Migrate Data to WIN: Verify Data in WIN:

Scan/Save Field Sheets FRB 11/13/2015 (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: Eagle Creek upstream of Hwy 20

Date: 11/12/2019

WIN/ Field ID: G3NW0151

WBID: 751

Latitude: 30.46374

(mm/dd/yyyy)

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.37614

(Decimal Degrees)

Receiving Body of Water: Choctawhatchee Bay

RQ-2019-11-11-21

(Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Michael King							☒ Sample Container	☐ Van Dorn	☐ Pole		
Frank Butera							☐ Carboy	☐ Syringe			
							☐ Dipper	☐ Other			
							Depth Measured with <u>YSI</u>				
							Equipment ID				
							Collection Method				
							☐ Wading	☐ Canoe/Kayak			
							☐ From Shore	☐ Electric Motor			
							☒ Other <u>Culvert</u>	☐ Gasoline Motor			
Water Level: Dry / Pooled / Low / Normal / High / Flooded							Meter ID#		Matrix: <u>Fresh</u> / Marine / DI		
Photos: Yes / <u>No</u>		Flow: No Flow / Intertidal / <u>Flowing</u> / 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°)	
EST	10:45		0.3	1.4	7.28	71.5	4.35	0.01	34.3	15.0	
<u>CEN</u>		1.4									
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		SA9203100	07/22/20	☒ <2	
Metals		☐ W-Pb ☐ W-Cd				☐ Ice ☐ HNO3					
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 um Filter				☒ Ice		16918633			
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 / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS				☐ Ice					
Macroinvertebrates		☐ W-IB				☐ Ice					
Periphyton		☐ W-IB				☐ Ice					
Microbiology		☒ E Coll ☒ W-IB ☒ W-IB				☒ Ice					
Molecular		☐ W-IB ☐ W-IB ☐ W-IB				☐ Ice					
Tracers		☐ W-IB ☐ W-IB ☐ W-IB				☐ Ice					
Pesticides		☐ W-IB ☐ W-IB ☐ W-IB				☐ Ice					
Phytoplankton		☐ W-IB ☐ W-IB ☐ W-IB				☐ Ice					
Notes:											
Field/WIN ID							G3NW0151				
Location:							Eagle Creek upstream of Hwy 20				
Signature: <u>[Signature]</u>							Date: <u>11/12/2019</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 FB, 11/13/2019 Migrate Data to WIN: Verify Data In WIN:

(Initials/Date) (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: Deer Moss Creek below College Blvd. Date: 11/12/2019
(mm/dd/yyyy)
WIN/ Field ID: G3NW0138 WBID: 620 Latitude: 30.53401
(Decimal Degrees)
County: Okaloosa ORG ID: 21FLPNS Longitude: -86.43327
(Decimal Degrees)
Receiving Body of Water: Rocky Bayou RQ-2019-11-11-21

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Michael King						
Frank Butera						

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 / Normal / High / Flooded
Photos: Yes / No Flow: No Flow / Intertidal / Flowing / NA
Meter ID# _____ 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	11:00	0.2	0.1	"S" 0.2	9.32	96.4	6.04	0.07	138.4	17.5
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 ☒ H2SO4	SA9203100	07/22/20	☒ <2
Metals	☐ W-Pb ☐ W-Cd	☐ Ice ☐ HNO3			
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	16918633		
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)	☐ W-SiO2 / ☐ W-SiO2 / ☐ W-SiO2 / ☐ W-SiO2	☐ Ice			
Macroinvertebrates	☐ W-Macro	☐ Formalin			
Periphyton	☐ W-Periphyton	☐ Ice			
Microbiology	☒ E Coli ☐ W-ATP ☐ W-ATP	☒ Ice			
Molecular	☐ W-DNA ☐ W-DNA ☐ W-DNA	☐ Ice			
Tracers	☐ W-13C ☐ W-13C	☐ Ice			
Pesticides	☐ W-Pesticides ☐ W-Pesticides	☐ Ice			
Phytoplankton	☐ W-Phytoplankton ☐ W-Phytoplankton	☐ Ice			

Notes: _____
Field/WIN ID → G3NW0138
Location: Deer Moss Creek below College Blvd.
Signature: Francis S. [Signature] Date: 11/12/2019

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 11/13/2019 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: Shaw Still Branch upstream E College Blvd Date: 11/12/2019
WIN/ Field ID: G3NW0162 WBID: 658 Latitude: 30.534728 (mm/dd/yyyy)
County: Okaloosa ORG ID: 21FLPNS Longitude: -86.453578 (Decimal Degrees)
Receiving Body of Water: Swift Creek RQ-2019- 11-11-21 (Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Michael King						
Frank Butera						

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# 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	11:20	0.3	0.2	0.3	9.16	94.4	6.16	14	207.1	17.3
CEN				"5"						

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	SA9203100	07/22/20	☒ <2
Metals	☐ W-Pb ☐ W-Cd	☐ Ice ☐ HNO3			
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	16918633		
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)	☐ W-Pb / W-Cd / W-As / W-Hg / W-Mn / W-Ni / W-Sb / W-Se / W-Tl / W-V	☐ Ice			
Macroinvertebrates	☐ W-MC	☐ Formalin			
Periphyton	☐ W-AL-IC	☐ Ice			
Microbiology	☒ E Coll ☐ W-ATP ☐ W-ATP	☒ Ice			
Molecular	☐ W-ATP ☐ W-ATP ☐ W-ATP	☐ Ice			
Tracers	☐ W-ATP ☐ W-ATP ☐ W-ATP	☐ Ice			
Pesticides	☐ W-ATP ☐ W-ATP ☐ W-ATP	☐ Ice			
Phytoplankton	☐ W-ATP ☐ W-ATP ☐ W-ATP	☐ Ice			

Notes:
Field/WIN ID G3NW0162 Location: Shaw Still Branch upstream E College Blvd
Signature: Frank Butera Date: 11/12/2019

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 FB 11/13/2019 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data in WIN: (Initials/Date)

EGLIN RUN EAST

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: F. Butler

Project ID: SMP

Collected By: Mike King, Frank Butler

Sampling Agency: FLDEP, NWROC

Location	Field/WIN ID	 G3NW0163	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/12/2019 Time 10:05	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	Location:		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		B
WIN/STORE	Alaqua Creek at Park boat ramp		Temp (C) 15.3	pH 5.91	Sample Depth 0.3	Sp. Conductance (umho/cm) 4440		
Latitude			Salinity (ppt) 2.39	Comments				
Location	Field/WIN ID	 G3NW0137	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/12/2019 Time 10:30	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	Location:		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		C
WIN/STORE	Mouth of Mullet Creek @ Hwy 20		Temp (C) 16.7	pH 5.31	Sample Depth 0.3	Sp. Conductance (umho/cm) 710		
Latitude			Salinity (ppt) 0.35	Comments DO% 69.0% @ 16.7°C				
Location	Field/WIN ID	 G3NW0151	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/12/2019 Time 10:45	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	Location:		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		C
WIN/STORE	Eagle Creek upstream of Hwy 20		Temp (C) 15.0	pH 4.35	Sample Depth 0.3	Sp. Conductance (umho/cm)		
Latitude			Salinity (ppt) 0.01	Comments				
Location	Field/WIN ID →	 G3NW0138	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/12/2019 Time 11:00	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	Location:		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORE	Deer Moss Creek below College Blvd.		Temp (C) 17.5	pH 6.04	Sample Depth 0.1	Sp. Conductance (umho/cm) 138.4		
Latitude			Salinity (ppt) 0.07	Comments				

Relinquished By: F. Butler	Date/Time: 11/12/2019 16:00	Shipping Method: Fed Ex	Number of Coolers Shipped: 2	Received By:	Date/Time:
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EGLIN RUN EAST

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 11/12/2019 Time 11:20		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID		Field/WIN ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh Surface		Diss. Oxygen 9.16		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET		Location: Shaw Still Branch upstream E College Blvd		Temp (C) 17.3		pH 6.16		Sample Depth 0.2		Sp. Conductance (umho/cm) 207.1	
Latitude		☐ dms		Salinity (ppt) 1.0		Comments					
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #				Temp (C)		pH		Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #				Temp (C)		pH		Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #				Temp (C)		pH		Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Relinquished By: F Burton	Date/Time 11/12/2019 16:00 CTR	Shipping Method Fed Ex	Number of Coolers Shipped: 2	Received By:	Date/Time
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Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NO2NO3				1
	W-S-A-TP				
	W-TKN				
	W-TOC				
SA 9203100 Exp. 07/22/2024					
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F				1
Group: C	Bottle Type:	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY				2
	TURBIDITY				
	W-BR-IC				
	W-CL-IC				
	W-COLOR				
	W-F				
	W-SO4-IC				
	W-TDS				
	W-TSS				
Group: C	Bottle Type:	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W				2
Group: C	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
	NW-UWF-ECQ				4
	NW-UWF-ENQ				
Group: C	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	NW-UWF-FC				2
Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				2
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
SA 9203100 Exp. 07/22/2024					
Group: C	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F				2

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	NW-UWF-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3					SA 902	
	W-NO2NO3					SA 9203104	
	W-S-A-TP					EXP. 07/21/2024	
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-BR-IC						
	W-F						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	NW-UWF-ENQ						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						

Sampler's initials: MM

Laboratory: Wetlands Research Laboratory

FDEP

Project:

Method of transport: Drop off on ice by automobile

Samples delivered by: MICELYN of FDEP

Sample received by: [Signature] 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.

[illegible]

Comments	sample container lot# # L19192
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BO-2019-11-19-2019-11-11-21

Contact organization	FDEP
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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 = grab, C = composite, X =

Contact name Michael King

Sampler's name:

³ Recorded using IRT-2

Phone: (850) 595-8300

FRANZ. BUTTEA

Wetlands Research Laboratory

\\F:\dep1\dear\WQAP\Regional Quantitativity\Of Nees\WV\FR2019\Field Sheets and Labels\Eglin Run East\UWF Sample transmittal form_Eglin