

RQ-2019-08-19-62

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: 08/21/2019 initials: MK, FB

☐ Update MAT Date: _____ initials: _____

☒ Update "SMP Tracker" Date: 08/21/2019 initials: FB

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

☒ RQ Sheet – from LIMS (display/print request)

☒ Field Sheets initialed/dated @ "Scan/Save Field Sheets" then scanned (with calibration logs) and saved into:

Scans_ToBeProcessed Date: 08/22/2019 initials: FB

☒ 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: Duplicate and Field Blank collected.

Date of Request: 14-AUG-2019
 Created By: KING_M On: 14-AUG-2019
 Modified By: JASROTIA_P On: 16-AUG-2019
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: EGLIN RUN EAST

Send Coolers To:

Phone: 850-595-0605
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number:

Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 15-AUG-2019
 Biology Request Reviewed By: JASROTIA_P On: 16-AUG-2019
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 19-AUG-2019
 Received By:

Send Final Report To:

160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: Group A: Freshwater
 (WBID 620,658) Nutrients, Bacteria
 Group B: Marinewater
 (WBID 351A,351B) Nutrients, Bacteria

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
Total Alkalinity		
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Turbidity		
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
Chloride		
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Fluoride		
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
Sulfate		
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
TDS		
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
TSS		
Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Chlorophyll-a, Corrected		
Chlorophyll-a, Uncorrected		
Phaeophytin-a		
Bottle Type: TEST HAS NO	Number of Bottles: 2	Preserved With: ICE

Bottle Group A (Water) With 2 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 2	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
Escherichia Coli-Quanti-Tray		
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
Ammonia-N		
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
NO2NO3-N		
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
Total-P		
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Kjeldahl Nitrogen		
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Organic Carbon		
Bottle Type: P-125ML	Number of Bottles: 2	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
O-Phosphate-P		

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-125ML	Number of Bottles: 2	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
O-Phosphate-P		
Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
Total Alkalinity		
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Turbidity		
W-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide in aqueous matrices
Bromide		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Fluoride		
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
TSS		
Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Chlorophyll-a, Corrected		
Chlorophyll-a, Uncorrected		
Phaeophytin-a		
Bottle Type: TEST HAS NO	Number of Bottles: 2	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
Enterococci-Quanti-Tray		
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
Ammonia-N		
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
NO2NO3-N		
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
Total-P		
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Kjeldahl Nitrogen		
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Organic Carbon		

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: 155077

RQ: 2019-08-19-16

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 06/13/2019

DO DEP SOP FT 1500	Name	Date	Time GT-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	Frank Butler	8/21	07:4	23.9	762.8	8.5	8.55	100.9			☒ F	☒ F
CCV	Frank Butler	8/21	15:55	23.1	762.2	8.6	8.68	101.1			☒ F	L / F

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 GT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	F Butler	6/21	7:30	190116A	6/2024	1000	1000	☒ F	☒ F
ICV	F Butler	8/21	7:35	190501B	5/2020	50000	49997	☒ F	☒ F
CCV								P / F	L / F
CCV	F. Butler	8/21	15:40			100	101.5	☒ F	☒ F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time GT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter Reading SU	mV	Pass / Fail	Lab / Field
Calibr.	F Butler	8/21	7:39	2011803	10/20	7.0	23.9	7.01	-40.4	☒ F	☒ F
Calibr.			7:42	2902008	01/21	4.0	24.1	4.00	137.1	☒ F	☒ F
Calibr.			7:46	4404509	02/20	10.0	24.2	10.01	-215.5	☒ F	☒ F
ICV	F Butler	8/21	7:50	2902018	01/21	4.0	23.5	3.99	133.3	☒ F	☒ F
CCV										P / F	L / F
CCV	F Butler	8/21/19	15:45	2011803	10/20	7.0	23.4	7.08	-48.9	☒ F	☒ 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: 06/13/19

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 GT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	F Butler	8/21	7:52	0.004	0.000	☒ F	☒ F

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

COMMENTS: Also RQ-2019-08-19-16



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name: Alaquia Creek at Park boat ramp

Date: 02/21/2019
(mm/dd/yyyy)

WIN/Field ID: G3NW0163

WBID: 351A

Latitude: 30.51254

County: Walton

ORG ID: 21FLPNS

Longitude: -86.18635

(Decimal Degrees)

Receiving Body of Water: Basin Bayou

RQ-2019- 08-19-62

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>EST PRO-BSS</u>		
Equipment ID <u>155077</u>		

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 (umhos/cm)	Temp. (C°)
EST	9:45	0.3	0.3		6.52	78.6	5.18	0.46	125.5	25.1
CEN		1.4								

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>SA9010030</u>	<u>4/01/20</u>	<u>7.2</u>
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			
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-CL / W-COLOR / W-404-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☒ Ice			
Macroinvertebrates	☐ M-FW-QLD	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E.Coli ☐ F.Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BACK ☐ PCR-GULID2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PCNP-TO ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PC1-SO-3 ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Notes:		Field/WIN ID	
Ref: <u>07Mar19</u>	Date: <u>07Mar19</u>	Location: <u>Alaquia Creek at Park boat ramp</u>	
Dep: <u>15.00 LBS</u>	Wgt: <u>15.00 LBS</u>		
SHIPPING: <u>0.00</u>			
SPECIAL: <u>0.00</u>			
HANDLING: <u>0.00</u>			
TOTAL: <u>0.00</u>			
DV: <u>0.00</u>			
SYN: <u>PRIORITY OVERNIGHT</u>			
Master 4751 8777 4932			
TRACK: 4751 8777 4965			
Signature: <u>Frank Butera</u>		Date: <u>02/21/2019</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 (Initials/Date) Migrate Data to WIN: (Initials/Date) 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: 08/21/2019
(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-2019-08-19-62

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 PRO-DSS</u>				
										Equipment ID <u>155077</u>				
										Collection Method				
										☒ Wading	☐ Canoe/Kayak			
										☐ From Shore	☐ Electric Motor			
										☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded					Meter ID# <u>155077</u>					Matrix: <u>Fresh</u> / 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°)				
EST	10:55	0.2	0.1	0.2	8.54	98.3	6.75	0.07	149.5	22.8				
CEN				"S"										
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>SA9010030</u>	<u>4/01/20</u>	☐ <2			
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3				☐ <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-CL-IC / ☐ W-COLOR / ☐ W-SO4-IC / ☐ W-TDS					☐ Ice							
Physical/Aggregate (Marine)		☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY					☐ Ice							
Macroinvertebrates		☐ M-FW-OLD					☐ Formalin							
Periphyton		☐ ALGAE-ID					☐ Ice							
Microbiology		☒ E Coli ☐ F Coli ☐ Enterococci					☒ Ice							
Molecular		☐ PCR-FILTER ☐ PCR-BactR ☐ PCR-GULID ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD					☐ Ice							
Tracers		☐ W-E8321-DK ☐ W-E8321-MS					☐ Ice							
Pesticides		☐ W-PSNP-TO ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-M ☐ WE8321-MS ☐ W-CARB-AA					☐ Ice							
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice							
Notes:														
Field/WIN ID → <u>G3NW0138</u>														
Location: Deer Moss Creek below College Blvd.														
Signature: <u>[Signature]</u> Date: <u>08/21/2019</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 (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: Shaw Still Branch upstream E College Blvd

Date: 08/21/2019
(mm/dd/yyyy)

WIN/ Field ID: G3NW0162

WBID: 658

Latitude: 30.534728

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.453578

Receiving Body of Water: Swift Creek

RQ-2019-08-19-62

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment		
Michael King Frank Butera					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole
										☐ Carboy	☒ Syringe	☐ Dipper
										Depth Measured with <u>EST. PRODS</u> Equipment ID <u>155077</u>		
										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	11:05	0.2	0.1	0.2	7.80	96.0	6.59	0.09	2005	26.1
CEN				"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	<u>SA9010030</u>	<u>4/1/20</u>	<u><2</u>
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <
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-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-FA-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-PW-QDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coll ☐ F Coll ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BACR ☐ PCR-GULI2 ☐ PCR-HF133 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DL ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TO ☐ W-CT-CL-R ☐ W-E8321-01 ☐ W-PCL-SQ-6 ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Place Preservative Sticker(s) Here
(If Available)

Notes:	Field/WIN ID <u>G3NW0162</u>
	Location: <u>Shaw Still Branch upstream E College Blvd</u>

Signature: [Signature] Date: 08/21/2019

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 _____ Migrate Data to WIN: _____ Verify Data in WIN: _____
(Initials/Date) (Initials/Date) (Initials/Date)

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						
	<i>Contract Lab UWF</i>						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	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: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	NW-UWF-ENQ						
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	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				

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Sampler's initials: MLC

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Date/Time: 4/4

Date/Time: 4/10/2018 11:51:11 AM

[illegible]

Phone: (850) 595-8300

Sampler's name

Recorded using