

RQ-2019-09-23-23

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

\\Fldep1\wqap\NW ROC\TMDL\WIN_Station Creation

☒ Date sampled Date: 10/1/19 initials: UM

☒ Update "SMP Tracker" Date: 10/2/19 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: 10/2/19 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:

Field Audit
Conducted by A. Hogue

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- 2019-09-23-23 Project: SMP/AUDIT

- 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	10/1/19	0830	28.8	767	8.5	8.51	99.8			(P) F	(L) F
CCV	↓	↓	1500	↓	766	8.5	8.51	99.9			(P) 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 CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	NM	10/1/19	0840	1901KA	1/20	1000	1000	P / F	(L) F
ICV	↓	↓	0845	190618A	6/20	100	104	(P) F	(L) F
CCV	↓	↓	1505	1901KA	1/20	1000	1002	(P) F	(L) F
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	10/1/19	0847	2811803	10/20	7.	24.9	7.0	73.2	P / F	(L) F
Calibr.	↓	↓	0849	2902818	1/21	4.	↓	4.0	12.4	P / F	(L) F
Calibr.	↓	↓	0850	404E09	9/20	10.	↓	10.0	23.5	P / F	(L) F
ICV	↓	↓	0852	2902818	1/21	4.0	↓	3.96	114.0	(P) F	(L) F
CCV	NM	10/1/19	1508	2811803	10/20	7.0	22.0	7.01	73.00	P / F	(L) F
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: 6/13/19

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 CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	NM	10/1/19	0855	0.00	0.00	(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: Jones Creek upstream of N Navy Blvd

Date: 10/01/19
(mm/dd/yyyy)

WIN/ Field ID: G4NW0429

WBID: 846A

Latitude: 30.39780

County: Escambia

ORG ID: 21FLPNS

Longitude: 87.278261

Receiving Body of Water: Bayou Chico

RQ-2019-09-23-23

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
S. Slater										
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: Dry/ Pooled/ <u>Low</u> / Normal / High / Flooded									
Meter ID# 154174									
Matrix: <u>Fresh</u> / Marine / DI									

Photos: Yes / <u>No</u> / Flow: No Flow / Intestinal / <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	0925	0.16	0.08	0.16	2.94	35.8	3.59	0.1	219.2	25.9
CEN				5						

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			☐ <2
Metals	☐ W-IC-IC ☐ W-IC-IC	☐ 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-IC-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ M-FW-OLDC	☐ 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	☐ BTY-QN-C ☐ PKD-QN-C				

Notes:	
D	

Field/WIN ID →	
G4NW0429	

Location:	
Jones Creek upstream of N Navy Blvd	

Date:	
10/01/19	

Signature:	

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

Carpenter Creek upstream of 9th Avenue

Date: 10/1/19
(mm/dd/yyyy)

WIN Station Name:

G4NW0415

WBID: 676

Latitude: 30.47142

WIN/ Field ID:

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.21400

Receiving Body of Water: Bayou Texar

RQ-2019-09-23-23

Sampling Team Members

S. Slade
N. Mulkey

WQ Measurements
Sample Collection
Documentation
Preservation
Preservation Check

Sampling Equipment

☒ Sample Container ☐ Van Dorn ☐ Pole
☒ Carboy ☒ Syringe
☐ Dipper ☐ Other
Depth Measured with YSI
Equipment ID ALW RUC 77

Collection Method

☒ Wading ☐ Canoe/Kayak
☐ From Shore ☐ Electric Motor
☐ Other ☐ Gasoline Motor

Water Level: Dry/ 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 (umhos/cm)	Temp. (C°)
EST	1035	0.2	0.1	0.8	7.51	87.4	5.45	0.04	89.0	23.4
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	99129100	5/9/20	☒ 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	119129070	5/9/20	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	116918633		
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-SC-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-Q-DX	☐ Formalin			
Periphyton	☐ ALGAL-ID	☐ Ice			
Microbiology	☒ E Coll ☐ F Coll ☐ Enterococcus	☒ 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-CAR8-AA	☒ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Place Preservative Sticker(s) Here
(If Available)

Notes:

A
Dup + Blank

Field/WIN ID

G4NW0415

Location:
Carpenter Creek upstream of 9th Avenue

Signature:

Slade

Date: 10/01/19

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:

QA/QC Sample Information

Duplicate

Time Zone: EST <u>CEN</u>	Time: <u>1055</u>	Field ID: <u>G4NW0415-Dup</u> (WIN ID_DUP)			
WIN DMT Activity ID:					
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	9129100	5/9/20	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	9129070	5/9/20	☒ <2
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-CI-IC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-BR-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Microbiology	☒ E Coll ☐ F Coll ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☒ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☒ PCR-DG3 ☐ PCR-GFD	☒			
Tracers	☒ W-E3821-MS ☒ W-E3821-DI	☒			
Pesticides	☒ W-PSNP-TQ ☒ W-E3821-DI ☒ W-CT-CL-R ☒ W-PCL-SQ-R ☒ W-E-3821-MS ☒ W-CARB-AA	☒			

Place Preservative Sticker(s) Here
(If Available)

Field/WIN ID G4NW0415_DUP

Location: Carpenter Creek upstream of 9th Avenue

Blank

Time Zone: EST <u>CEN</u>	Time: <u>1050</u>	Field ID: <u>FB-10012019</u> (Blank Type_DDMMYYYY)			
DI Source: <u>Pensacola Ice Room</u>	Location: <u>Carpenters Creek</u>	Equipment ID: <u>NW ROK III</u>			
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank					
WIN DMT Blank Batch ID:					
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	9129100	5/9/20	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	9129070	5/9/20	☒ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	16918633		
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CI-IC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Tracers	☒ W-E3821-MS ☒ W-E3821-DI	☒ Ice			
Pesticides	☒ W-PSNP-TQ ☒ W-E3821-DI ☒ W-CT-CL-R ☒ W-PCL-SQ-R ☒ W-E3821-MS ☒ W-CARB-AA	☐ Other			

Notes: A

Field/WIN ID FB_10012019

Location: Carpenter Creek upstream of 9th Avenue

Signature: [Signature] Date: 10/11/19

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: Direct Runoff-Graveyard Branch @ Tradewinds Dr. Date: 10/01/19
(mm/dd/yyyy)
WIN/ Field ID: G4NW0176 WBID: 639 Latitude: 30.508777
(Decimal Degrees)
County: Escambia ORG ID: 21FLPNS Longitude: -87.174722
(Decimal Degrees)
Receiving Body of Water: Escambia Bay RQ-2019-

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
<u>S. Slade</u> <u>N. Mulkey</u>									☒ 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/ <u>Low</u> Normal / High / Flooded				Meter ID# <u>154179</u>				Matrix: <u>Fresh</u> Marine / DI				
Photos: Yes / <u>No</u>				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	<u>1125</u>	<u>0.17</u>	<u>0.09</u>	<u>0.17</u>	<u>7.57</u>	<u>91.7</u>	<u>6.60</u>	<u>0.05</u>	<u>108.1</u>	<u>25.6</u>		
<u>CEN</u>	<u>1125</u>	<u>0.17</u>	<u>0.09</u>	<u>0.17</u>	<u>7.57</u>	<u>91.7</u>	<u>6.60</u>	<u>0.05</u>	<u>108.1</u>	<u>25.6</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>109129100</u>	<u>9/9/20</u>	☐ <2				
Metals	☐ W-ICPMS ☐ W-ED				☐ Ice ☐ HNO3			☐ <3				
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter				☒ Ice	<u>10918633</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-F / W-TSS / TURBIDITY				☐ Ice							
Macroinvertebrates	☐ M-FW-QUE				☐ Formalin							
Periphyton	☐ ALGAE-ID				☐ Ice							
Microbiology	☒ E Coli ☐ Coli ☐ Enterococci				☒ Ice							
Molecular	☐ PCR-FILTER ☐ PCR-BaCR ☐ PCR-GULL2				☐ Ice							
	☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD				☐ Ice							
Tracers	☐ W-EB321-DE ☐ W-EB321-MS				☐ Ice							
Pesticides	☐ W-PSNP-TO ☐ W-CT-CL-R ☐ W-EB321-DE				☐ Ice							
	☐ W-PCL-SQ-A ☐ W-EB321-MS ☐ W-CARB-AA				☐ Ice							
Phytoplankton	☐ DTY-QN-C ☐ PCD-QN-C											
Notes: <u>b</u>												
Signature: <u>[Signature]</u>								Date: <u>10/1/19</u>				
Field/WIN ID: <u>G4NW0176</u>												
Location: Direct Runoff-Graveyard Branch @ Tradewinds Dr.												

LIMS EVENT ID: _____ WIN Import ID: _____
Enter Field Parameters, Verify Station ID in LIMS DMT: _____ QC Station ID, Field Parameters in LIMS DMT: _____
(Initials/Date) (Initials/Date)
Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data in WIN: _____
(Initials/Date) (Initials/Date)

Customer: NW-DIST
Project ID: SMP

Requester: Michael King

Collected By: *Nathan Mulkey / Stephen Slake*

Field Report Prepared By: *N. Mulkey*

Sampling Agency:

Loc#	Field/WIN ID →		Barcode		G4NW0429	
Field	Location:					
WIN	Jones Creek upstream of N Navy Blvd					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms			
Loc#	Field/WIN ID		Barcode		G4NW0415	
Field	Location:					
WIN	Carpenter Creek upstream of 9th Avenue					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms			
Loc#	Field/WIN ID		Barcode		G4NW0415_DUP	
Field	Location:					
WIN	Carpenter Creek upstream of 9th Avenue					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms			
Loc#	Field/WIN ID		Barcode		FB_10012019	
Field	Location:					
WIN	Carpenter Creek upstream of 9th Avenue					
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)	26.9		pH		3.59			
		Salinity (ppt)			Comments					
		☐ 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)	23.4		pH		5.45			
		Salinity (ppt)			Comments					
		☐ 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)			pH					
		Salinity (ppt)			Comments					
		☐ 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)			pH					
		Salinity (ppt)			Comments					
		☐ 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)			pH					
		Salinity (ppt)			Comments					
		☐ dd ☐ dms								

Relinquished By: <i>[Signature]</i>	Date/Time: 10/11/19	Shipping Method: Fed Ex	Number of Coolers Shipped: 4	Received By:	Date/Time:
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Group: A	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
W-TOC					
Group: A	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
W-PO4-F					
Group: A	Bottle Type: BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
W-PSNP-TQ					
Group: B	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: B	Bottle Type: BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
CHLSUITE-W					
Group: B	Bottle Type: TEST HAS NO BOTTLE	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
NW-UWF-ECQ					
Group: B	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
PCR-BACR PCR-DG3 PCR-HF183					
Group: B	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: B	Bottle Type: P-125ML	# of Bottles: 1	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	1

Group: E	Bottle Type: W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
Group: E	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	
Group: E	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: E	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	
Group: E	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2

PENS/CANT RUN

Requester: Michael King

Field Report Prepared By:

Project ID: SMP

Sampling Agency:

Relinquished By: 	Date/Time 10/1/19	Shipping Method Fed Ex	Number of Coolers Shipped: 4	Received By:	Date/Time
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Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F					
Group: A	Bottle Type:	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
W-PSNP-TQ					
Group: B	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: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W					
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
NW-UWF-ECQ					
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
PCR-BACR					
PCR-DG3					
PCR-HF183					
Group: B	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: B	Bottle Type:	P-125ML	# of Bottles: 1	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

Project: FDEP
Method of transport: Drop off on ice by automobile
Samples delivered by: N. Mulkey FDEP
Sample received by: N. Mulkey of WRL

Laboratory: Wetlands Research Laboratory

Sampler's initials: KW/2

Page 1 of 1
Date/Time: 10/01/19 / 1155
Date/Time: 10/01/19 / 1155

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.

Lab ID	Sample ID	Matrix	Type	Container Type	Analyses Requested	Preservative	Sample (°C)	Sampling Date/Time
19-45738	G4NW0176 Graveyard Branch	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	4.3	10/01/19 1125
19-45739	G4NW0429 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	2.7	10/01/19 0925
19-45740	G4NW0415 Carpenters Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	4.6	10/01/19 1035
19-45741	G4NW0415 DUP Carpenters Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	2.4	10/01/19 1055

[illegible]

Comments	sample container lot# #
	1992

RQ-2019-09-23-23

Contact organization

Contact name Michael King

Phone: (850) 595-8300

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

Address 160 W Governmental Street, suite 208, Pensacola, FL 32502
¹Matrix: SW = surface water, PW = pore water, GW = ground water, S = soil/sediment, X =

³ Recorded using IRT-2

Wetlands Research Laboratory

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