

RQ-2019-09-09-47

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: 9/12/19 initials: NM

☒ Update "SMP Tracker" Date: 9/12/19 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: 9/12/19 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:

155077

RQ-

2019-09-09-47

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

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	9/12/19	0600	25.3	763	8.3	8.28	100.2			P F	L F
CCV	S. Mode	9/12/19	1317	22.2	763.1	4.7	8.79	100.5			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	9/12/19	0605	190116A	1/20	1000	1000	P / F	L / F
ICV		9/12/19	0608	190618A	6/20	100	102	P / F	L / F
CCV	S. Mode	9/12/19	1319	190618A	Jun 20	1000	998	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	9/12/19	0610	2811803		7.	24.5	7.0		P / F	L / F
Calibr.			0612	2811803	10/20	4.	24.5	4.0		P / F	L / F
Calibr.			0614	4904E09	9/20	10.	24.5	10.0		P / F	L / F
ICV			0618	2811803	10/20	4.0	24.5	4.19	106.4	P F	L F
CCV	S. Mode	9/12/19	1324	4904E09	Sep 20	10.0	23.9	10.20	2364	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	9/12/19	0620	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:

09/12/2019
(mm/dd/yyyy)

WIN/ Field ID:

G4NW0429

WBID:

846A

Latitude: 30.39780

(Decimal Degrees)

County:

Escambia

ORG ID:

21FLPNS

Longitude: 87.278261

(Decimal Degrees)

Receiving Body of Water:

Bayou Chico

RQ-2019-

09-09-47

Sampling Team Members

S. Hader
N. Muckey

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# 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 (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)
EST	0710	0.1	0.1	0.1	3.73	45.8	5.90	0.04	90.5	26.1
CEN			0.05-cab 9/17/19	WPB						

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

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP	☐ Ice ☐ H2SO4			☐ <2
Metals	☐ W-CDM ☐ W-CD	☐ 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-Cl-IC / ☐ W-COLOR / ☐ W-SO4-IC / ☐ W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-Br-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ ME-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ 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-GL-R ☐ W-E8321-DI ☐ W-POL-SO-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ QTY-QN-C ☐ PD-QN-C				

Place Preservative Sticker(s) Here
(If Available)

Notes:

E

Field/WIN ID →



G4NW0429

Location:

Jones Creek upstream of N Navy Blvd

Signature:

S. Hader

Date:

9/12/19

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:

Jackson Creek upstream of Old Corry Field Road

Date: 09/12/19

(mm/dd/yyyy)

WIN/ Field ID:

G4NW0430

WBID:

846B

Latitude:

30.41156

(Decimal Degrees)

County:

Escambia

ORG ID:

21FLPNS

Longitude: -87.275121

(Decimal Degrees)

Receiving Body of Water:

Bayou Chico

RQ-2019-

09-09-47

Sampling Team Members

S. Hinkle
R. Mulvey

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# 158677

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	0720	0.2	0.1	0.2	2.51	30.1	6.42	0.08	163.3	24.8
CEN	0720									

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-TN / W-TOC / W-S-A-TP	☐ Ice ☐ H2SO4			☐ 2
Metals	☐ W-CPMS ☐ W-CP	☐ Ice ☐ HNO3			☐ 2
Filtered Nutrients	☐ W-PCAT ☐ Field Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☐ CHL-SUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Q-C / W-COLOR / W-SO4-C / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-B-C / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ M-I-PW-CEOC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E-Coil ☐ F-GA ☐ 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-TG ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SO4-R ☐ W-E8321-MS ☐ W-CARS-AR	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PLO-QN-C				

Place Preservative Sticker(s) Here
(If Available)

Notes:

E

Field/WIN ID

G4NW0430

Location:

Jackson Creek upstream of Old Corry Field Road

Signature:

[Signature]

Date:

9/12/19

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)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name:

Carpenter Creek upstream of 9th Avenue

Date: 01/12/19

(mm/dd/yyyy)

WIN/ Field ID:

G4NW0415

WBID: 676

Latitude: 30.47142

(Decimal Degrees)

County:

Escambia

ORG ID: 21FLPNS

Longitude: -87.21400

(Decimal Degrees)

Receiving Body of Water:

Bayou Texar

RQ-2019- 09-09-47

Sampling Team Members

S. Slade
N. Mulkey

Sampling Equipment

- ☒ Sample Container ☐ Van Dorn ☐ Pole
☒ Carboy ☐ Syringe
☐ Dipper ☐ Other

Depth Measured with

Equipment ID NW Ror I

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 (PPTH)	Sp COND (umhos/cm)	Temp. (C°)
EST	0745	0.2	0.1	0.2	7.32	85.6	6.13	0.04	84.3	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	9129070	9/9/20	☐ <2
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-BR-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-OLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ 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-PN-P-TQ ☒ W-ET-CL-R ☒ W-E8321-DI ☒ W-PCL-SQ-R ☒ WE8321-MS ☒ W-CARB-AA	☒ Ice			
Phytoplankton	☐ DTY-ON-C ☐ TD-ON-C				

Place Preservative Sticker(s) Here
(If Available)

Notes:

A/F
OUP/Blank

Field/WIN ID



G4NW0415

Location:

Carpenter Creek upstream of 9th Avenue

Signature:

[Signature]

Date:

9/12/19

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)

QA/QC Sample Information

Duplicate

Time Zone: EST <u>CEN</u> Time: <u>0756</u>		Field ID: <u>G4NW0415-DUP</u> (WIN_ID_DUP)	
WIN DMT Activity ID:			
Parameter Suite	Parameter Methods	Preservation	Lot#
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	9129100
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	9129070
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	16918133
Chlorophyll	☒ CHLSUITE-W	☒ Ice	
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice	
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice	
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice	
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☒ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☒ 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-E-3821-MS ☒ W-CARB-AA	☒ Ice	

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>0758</u>		Field ID: <u>FB-09122019</u> (Blank Type_DDMYYYY)	
DI Source: <u>Pensacola Ice Room</u>		Location: <u>Carpenter Creek</u>	
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: <u>NW ROE I</u>	
WIN DMT Blank Batch ID:			
Parameter Suite	Parameter Methods	Preservation	Lot#
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	9129100
Metals	☒ W-ICPMS ☐ W-ICP	☒ Ice ☒ HNO ₃	9129070
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	16918133
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	
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:

Field/WIN ID 
FB_09122019

Location: Carpenter Creek upstream of 9th Avenue

Signature:  Date: 9/12/19

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)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name: Rest Area Run below Beaver Pond Creek

Date: 09/12/19
(mm/dd/yyyy)

WIN/ Field ID: G5NW0068

WBID: 542

Latitude: 30.56992

County: Escambia

ORG ID: 21FLPNS

Longitude: 87.40664

Receiving Body of Water: Perdido River

RQ-2019-09-09-47

Sampling Team Members

S. Glade
N. Morky

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# 155677

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 (µmhos/cm)	Temp. (C°)
EST	0905	0.4	0.2	1.4	6.91	82.7	6.43	0.02	50.4	24.7
CEN				NOB						

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	9129670	5/9/20	☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	1918633		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coll ☐ F Coll ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-Bact ☐ 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 ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ QTY-QN-C ☐ PKD-QN-C				

Place Preservative Sticker(s) Here
(If Available)

Notes:

C

Field/WIN ID

G5NW0068

Location:
Rest Area Run below Beaver Pond Creek

Signature: *Stephen Glade*

Date: 9/12/19

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: Direct Runoff-Graveyard Branch @ Tradewinds Dr. Date: 9/12/19
(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- 09-09-47

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>S. Slade</u> <u>N. mulken</u>									

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# 15077 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>1005</u>	<u>0.2</u>	<u>0.1</u>	<u>0.2</u>	<u>7.50</u>	<u>91.4</u>	<u>7.19</u>	<u>0.05</u>	<u>109.2</u>	<u>25.7</u>
<u>CEN</u>				<u>100B</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>912N00</u>	<u>5/9/20</u>	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	<u>169RLB33</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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCl-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Place Preservative Sticker(s) Here
(If Available)

Notes:

C

Field/WIN ID



G4NW0176

Location:

Direct Runoff-Graveyard Branch @ Tradewinds Dr.

Signature:

[Signature]

Date:

9/12/19

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)

Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Field Report Prepared By:

Collected By:

Sampling Agency:

Lo	Field/WIN ID →	
Fi	Location:	G4NW0429
W		Jones Creek upstream of N Naw Blvd

Latitude	☐ dd ☐ dms.	Longitude
Field/WIN ID		
Location:		G4NW0430
Jackson Creek upstream of Old Carry Field Road		

Field/WIN ID  **G4NW0415**

Location:
Carpenter Creek upstream of 9th Avenue

Field/WIN ID  G4NW0415_DUP

Location:
Carpenter Creek upstream of 9th Avenue

[illegible]

Relinquished By: <i>[Signature]</i>	Date/Time 9/12/19	Shipping Method Fed Ex	Number of Coolers Shipped:	Received By:	Date/Time
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Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Collected By:

Field Report Prepared By:

Sampling Agency:

Field/WIN ID



FB_09122019

Location:

Carpenter Creek upstream of 9th Avenue

Latitude

☐ dd
☐ dms

Longitude

☐ dd
☐ dms

Field/WIN ID



G5NW0068

Location:

Rest Area Run below Beaver Pond Creek

Latitude

☐ dd
☐ dms

Longitude

☐ dd
☐ dms

Field/WIN ID



G4NW0176

Location:

Direct Runoff-Graveyard Branch @ Tradewinds Dr.

Latitude

☐ dd
☐ dms

Longitude

☐ dd
☐ dms

Location

Field ID

WIN/STORET #

Latitude

☐ dd
☐ dms

Longitude

☐ dd
☐ dms

Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Comp	Grab	Date	Time	Date	Time	(See pg 2)	
☐	☐	9/12/19	0755			F	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
Field Blank							
Temp (C)		pH		Sp. Conductance (umho/cm)			
Salinity (ppt)		Comments					
☐ dd ☐ dms							
Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Comp	Grab	Date	Time	Date	Time	(See pg 2)	
☒	☐	9/12/19	0905			C	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
		6.91					
Temp (C)		pH		Sp. Conductance (umho/cm)			
24.7		6.43		50.4			
Salinity (ppt)		Comments					
☐ dd ☐ dms							
Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Comp	Grab	Date	Time	Date	Time	(See pg 2)	
☒	☐	9/12/19	1005			C	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
		7.50					
Temp (C)		pH		Sp. Conductance (umho/cm)			
25.7		7.19		109.2			
Salinity (ppt)		Comments					
☐ dd ☐ dms							
Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Comp	Grab	Date	Time	Date	Time	(See pg 2)	
☒	☐	9/12/19	0755			F	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
		6.91					
Temp (C)		pH		Sp. Conductance (umho/cm)			
24.7		6.43		50.4			
Salinity (ppt)		Comments					
☐ dd ☐ dms							

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Project: FDEP
Method of transport: Drop off on ice by automobile
Samples delivered by: N. Munksgaard FDEP
Sample received by: Annex 500 of WRL

Laboratory: Wetlands Research Laboratory

Sampler's initials: VM

Page 1 of 1
Date/Time: 09/12/19 / 1035
Date/Time: 09/12/19 / 1035

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
19-45656	G4NW0068 Rest Area Run	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	4.1	9/12/19 0905
19-45657	G4NW0057 Ten Mile Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45657	G4NW0429 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	3.8	9/12/19 0710
19-45658	G4NW0415 Carpenters Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	3.8	9/12/19 0745
19-45659	G4NW0415-DUP Carpenters Creek (reek Dup)	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	3.9	9/12/19 0750
19-45660	G4NW0176 Graveyard Branch	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	5.5	9/12/19 1005
19-45661	G4NW0430 Jackson Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	3.9	9/12/19 0720
19-45662	G4NW0415-DUP Carpenters Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		0720

Comments	sample container lot# #
	19192

RQ-2019-09-09-47

Contact organization

Address 160 W Governmental Street suite 208 Pensacola FL 32502

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

²²Type codes: G = grab. C = composite. X =

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

Sampler's name: Nathan moikes

³ Recorded using IRT-2