

RQ-2019-10-21-24

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: 10/21/19 initials: LM

☒ Update "SMP Tracker" Date: 10/22/19 initials: LM

☐ 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: 10/23/19 initials: LM

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: **2019-10-21-24**

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 **4/19/19** **10/17/19**

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	M. Clark	10/21/19	7:45	23.3	758	8.5	8.65	100.6			P	F
CCV	↓	↓	13:21	25.7	758	6.1	4.24	101.1			P	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.	M. Clark	10/21/19	7:49	190116A	1/20	1000	1000	P	F
ICV	↓	↓	7:51	190618A	6/20	100	104.9	P	F
CCV	↓	↓	13:33	190507B	5/20	59000	50,763	P	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.	M. Clark	10/21/19	7:53	2811303	10/20	7.	23.4	7.00	-4.9	P	F
Calibr.	 	 	7:55	2902916	1/21	4.	22.9	4.00	170.7	P	F
Calibr.	 	 	7:57	4904209	9/20	10.	23.7	10.00	-180.3	P	F
ICV	 	 	8:00	2902816	1/21	4.0	23.0	4.02		P	F
CCV			13:25	4904209	9/20	10.0	22.2	10.02		P	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: _____

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: **10/17/19**

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	M. Clark	10/21/19	8:00	0.00	0.00	P	L

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:

Sanders Beach off I Street Dock

Date:

10/21/19
(mm/dd/yyyy)

WIN/ Field ID: G4NW0492

WBID: 848DA

Latitude: 30.39998

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.235908

Receiving Body of Water: Pensacola Bay

RQ-2019-10-21-24

Sampling Team Members

NM
MC

Sampling Equipment

☒ Sample Container ☐ Van Dorn ☐ Pole
☐ Carboy ☒ Syringe
☒ Dipper ☐ Other
Depth Measured with: ProDS
Equipment ID: Pole 6

Collection Method

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

Water Level: Dry/ Pooled/ Low / Normal ☒ High / Flooded

Meter ID# 156077

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	8:40	1.0	0.3	1.0	6.66	91.9	7.89	25.27	39628	24.3
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			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ 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-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				

Place Preservative Sticker(s) Here
(If Available)

Notes:

Field/WIN ID →



G4NW0492

Location:

Sanders Beach off I Street Dock

Signature:

[Signature]

Date: 10/21/19

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: Jackson Creek upstream of Old Corry Field Road

Date: 10/21/19
(mm/dd/yyyy)

WIN/ Field ID: G4NW0430

WBID: 846B

Latitude: 30.41156

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.275121

Receiving Body of Water: Bayou Chico

RQ-2019-10-21-24

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
NM MC									☒ Sample Container	☐ Van Dorn	☐ Pole	
									☐ Carboy	☒ Syringe		
									☐ Dipper	☐ Other		
									Depth Measured with PRODS5			
									Equipment ID			
									Collection Method			
									☒ Wading	☐ Canoe/Kayak		
									☐ From Shore	☐ Electric Motor		
									☐ Other	☐ Gasoline Motor		
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded				Meter ID# 165077				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	9:00	0.3	0.15	0.3	5.18	60.9	6.62	0.07	157.1	23.4		
CEN				15"								
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-ICPMS ☐ W-ICP				☐ 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-CI-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				☐ 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	☐ DTY-QN-C ☐ PKD-QN-C											

Notes:

Field/WIN ID: **G4NW0430**

Location: Jackson Creek upstream of Old Corry Field Road

Signature: _____ Date: 10/21/19

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: Rest Area Run below Beaver Pond Creek

Date: 10/21/19
(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-2019-10-21-24

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
MC									
NM									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with PRODSS		
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# 155077
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	9:45	0.3	0.15	0.3	7.56	83.6	6.04	0.03	59.8	20.3
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	SA9129100	5/9/2021	☒ K2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ K2
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	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ 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				

Notes:

Field/WIN ID: G5NW0068

Location: Rest Area Run below Beaver Pond Creek

Signature: [Signature] Date: 10/21/19

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: Ten Mile Creek upstream of Pine Forest Road

Date: 10/21/19
(mm/dd/yyyy)

WIN/ Field ID: G5NW0051

WBID: 489A

Latitude: 30.54978

County: Escambia

ORG ID: 21FLPNS

Longitude: 87.31211

(Decimal Degrees)

Receiving Body of Water: Perdido

RQ-2019-09-09-11

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
NM									
MC									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with Prop 55		
Equipment ID		

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

Water Level: Dry/ Pooled/ Low Normal / High / Flooded

Meter ID# 155073

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	10:15	0.2	0.1	0.2	8.03	91.6	6.43	0.06	124.2	21.6
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-TN / ☐ W-TOC / ☐ W-CATP	☐ Ice ☐ H2SO4			☐
Metals	☐ W-COP / ☐ W-ED	☐ Ice ☐ HNO3			☐
Filtered Nutrients	☐ W-PO4-P / ☐ High Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☐ CHL-SUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / ☐ W-F / ☐ W-TDS / ☐ TURBIDITY / ☐ W-CATC / ☐ W-COLOR / ☐ W-SOL-C / ☐ W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-NO3 / ☐ W-F / ☐ W-TDS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ M-FW-CLUC	☐ Formalin			
Periphyton	☐ A-BU-ID	☐ Ice			
Microbiology	☒ E Coll ☐ FCM ☐ 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-TO ☐ W-CT-GL-R ☐ W-E8321-DI ☐ W-PCL-GL-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-ON-C ☐ PTD-ON-C				

Notes: MC IF

Field/WIN ID



G5NW0051

Location:

Ten Mile Creek upstream of Pine Forest Road

Signature: [Signature]

Date: 10/21/19

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: 10/21/19

WIN/ Field ID: G4NW0176 WBID: 639 Latitude: 30.508777

County: Escambia ORG ID: 21FLPNS Longitude: -87.174722

Receiving Body of Water: Escambia Bay RQ-2019- 10-21-24

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
NM									
MC									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with Probs		
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	10:55	0.1	0.05	0.1	8.14	93.7	7.24	0.05	112.3	22.3
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	SA9129100	3/2/20	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
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-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 ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Notes:

Field/WIN ID: G4NW0176

Location: Direct Runoff-Graveyard Branch @ Tradewinds Dr.

Signature: [Signature] Date: 10/21/19

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:

Carpenter Creek upstream of 9th Avenue

Date:

10/21/19

(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- 10-21-24

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
NM MC										☒ Sample Container	☐ Van Dorn	☐ Pole		
										☐ Carboy	☒ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with <u>ProDSS</u>				
										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>155077</u>		Matrix: <u>Fresh</u> / Marine / DI		
Photos: Yes <u>No</u> / Flow: No Flow / Intertidal <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	11:30	0.2	0.1	0.2	7.77	89.8	6.13	0.04	95.7	22.5				
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		SA9129100	5/1/20	☒ <2				
Metals		☒ W-ICPMS ☒ W-ICP				☒ Ice ☒ HNO3		NA9129076	5/9/20	☒ <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-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				☐ 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 ☒ W-E8321-MS ☒ W-CARB-AA												
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C												

Notes:	Field/WIN ID	
	Location:	G4NW0415
	Carpenter Creek upstream of 9th Avenue	
Signature:	Date:	10/21/19

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:

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: Nathan Mulkey

Project ID: SMP

Collected By: Myranda Clark

Sampling Agency: NWROC

Location		Field/WIN ID →		Field II		WIN/S		Latitude		Bottle Group(s)	
Sanders Beach off I Street Dock		G4NW0492		G4NW0492		G4NW0492		G4NW0492		C	
Temp (C)		24.3		pH		7.89		Diss. Oxygen		6.66	
Salinity (ppt)		25.27		Sample Depth		0.3		Total Res. Chlorine		39.628	
dd		dms		Comments							
Location		Field/WIN ID		Field II		WIN/S		Latitude		Bottle Group(s)	
Jackson Creek upstream of Old Corry Field Road		G4NW0430		G4NW0430		G4NW0430		G4NW0430		B	
Temp (C)		23.4		pH		6.62		Diss. Oxygen		5.18	
Salinity (ppt)		20.07		Sample Depth		0.15		Total Res. Chlorine		167.1	
dd		dms		Comments							
Location		Field/WIN ID		Field II		WIN/S		Latitude		Bottle Group(s)	
Rest Area Run below Beaver Pond Creek		G5NW0068		G5NW0068		G5NW0068		G5NW0068		D	
Temp (C)		20.3		pH		6.04		Diss. Oxygen		7.56	
Salinity (ppt)		0.03		Sample Depth		0.3		Total Res. Chlorine		59.8	
dd		dms		Comments							
Location		Field/WIN ID		Field II		WIN/S		Latitude		Bottle Group(s)	
Ten Mile Creek upstream of Pine Forest Road		G5NW0051		G5NW0051		G5NW0051		G5NW0051		E	
Temp (C)		21.6		pH		6.43		Diss. Oxygen		8.03	
Salinity (ppt)		0.06		Sample Depth		0.1		Total Res. Chlorine		134.2	
dd		dms		Comments							

Relinquished By: N. Mulkey	Date/Time: 10/21/19 15:00	Shipping Method: FedEx	Number of Coolers Shipped: 3	Received By:	Date/Time:
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Group: A	Bottle Type: W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: PCR-HF183	QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: PCR-HF183	QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab

** sent to outflow*

** sent to outflow*

Customer: NW-DIST

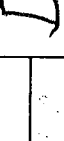
Requester: Michael King

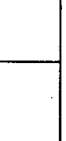
Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Field/WIN ID  G4NW0176		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10/21/19 Time 10:55		Eastern ☒ Central		Composite end Date		Bottle Group(s) (See pg 2)	
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.14		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		D	
Location: Direct Runoff-Graveyard Branch @ Tradewinds Dr.		Temp (C) 22.3		pH 7.24		Sample Depth 0.05 m		Sp. Conductance (umho/cm) 112.3			
		Salinity (ppt) 0.05		Comments							

Field/WIN ID  G4NW0415		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10/21/19 Time 11:30		Eastern ☒ Central		Composite end Date		Bottle Group(s) A	
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.77		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Location: Carpenter Creek upstream of 9th Avenue		Temp (C) 22.5		pH 6.13		Sample Depth 0.1 m		Sp. Conductance (umho/cm) 95.7			
		Salinity (ppt) 0.04		Comments							

Field ID WIN/STORET #		☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern ☐ Central		Composite end Date		Bottle Group(s)	
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		pH		Sample Depth		Sp. Conductance (umho/cm)			
		Salinity (ppt)		Comments							

Field ID WIN/STORET #		☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern ☐ Central		Composite end Date		Bottle Group(s)	
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		pH		Sample Depth		Sp. Conductance (umho/cm)			
		Salinity (ppt)		Comments							

Relinquished By: 	Date/Time 10/21/19	Shipping Method Fed Ex	Number of Coolers Shipped: 3	Received By:	Date/Time
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Group: A	Bottle Type: W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: A	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: B	Bottle Type: PCR-HF183	QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: C	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: C	Bottle Type: PCR-HF183	QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS CHLSUITE-W	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Project: _____ FDEP _____

Method of transport: _____ Drop off _____ on ice by automobile _____

Samples delivered by: *N. Mulkay* of _____ FDEP _____

Sample received by: *Anna Brown* of _____ WRL _____

Laboratory: Wetlands Research Laboratory

Sampler's initials: MC + NM

Page 1 of 1
Date/Time: 10/21/19 12:05
Date/Time: 10/21/2019 12:05

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

RQ-2019-10-21-24

Contact organization
FDEP

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

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

Type codes: G = grab, C = composite, X =

Contact name : Michael King

Phone: (850) 595-8300

Sampler's name: M. Clark & N. Nulken

³ Recorded using IRT-2