

RQ-2019-08-19-41

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: 8/19/19 initials: MK
- ☐ Update "SMP Tracker" Date: 8/20/19 initials: MK
- ☐ Photos put into archive Date: _____ initials: _____ ☐ NA
- ☐ RQ Sheet – from LIMS (display/print request)
- ☐ Calibration Log for YSI used
- ☐ Field Sheets initialed/dated @ "Scan/Save Field Sheets" then scanned and saved into:
- Scans_ToBeProcessed* Date: 8/26/19 initials: MK
- ☐ 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: **154179**

RQ: **2019-08-19-41**

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 **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		8/19/19									P / F	L / F
CCV	MIKE ICIV	0900	0900	26.1	766.7	8.2	8.08	98.6			(P) F	(L) F
CCV	m	8/19	1650	23.7	765.3	8.5	8.57	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.	m	8/19	0905	190018C	06/2020	10000	9999	(P) F	(L) F
ICV	m	8/19	0910	190116A	01/2020	1000	1008	(P) F	(L) F
CCV	m	8/19	1655	190618A	06/2020	100	104.2	(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.	m	8/19	0915	2811803	10/20	7.0	25.8	7.0	-59.1	(P) F	(L) F
Calibr.			0916	2902818	01/21	4.0	25.8	4.0	121.9	(P) F	(L) F
Calibr.			0917	4904E09	09/20	10.0	25.7	10.0	-229.3	(P) F	(L) F
ICV			0920	2902818	01/21	4.0		4.03		(P) F	(L) F
CCV	m	8/19	1658	4904E09	09/20	10.0		10.07		(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: **6/13/19**

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	8/19	0921	0.000	0.000	(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: Direct Runoff-Graveyard Branch @ Tradewinds Dr. Date: 8/19/19

WIN/ Field ID: G5NW0051 G4NW0176 WBID: 639 Latitude: 30.508777

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

Receiving Body of Water: Escambia Bay RQ-2019- 08-19-41

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment		
						☒ Sample Container	☐ Van Dorn	☐ Pole
Mike King	☒	☒	☒	☒	☒	☐ Carboy	☒ Syringe	
						☐ Dipper	☐ Other	
						Depth Measured with		
						Equipment ID		
						Collection Method		
						☒ Wading	☐ Canoe/Kayak	
						☐ From Shore	☐ Electric Motor	
						☐ Other	☐ Gasoline Motor	

Water Level: Low		Meter ID# 154179	
Photos: No	Flow: Flowing	Tide: NA	Tide Times: High Low
Biological Samples Collected: None ☒ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI ☐ Other:			
SBIO ID Numbers:	SBIO-ID:	HA-ID:	RPS-ID: Macrophyte-ID: LIMS#:

Notes:

Duplicate Sample

Time Zone: EST CEN	Time: _____	Field ID: _____ (WIN ID_DUP)
WIN DMT Activity ID: _____		

Blank

Time Zone: EST CEN	Time: _____	Field ID: _____ (Blank Type_DDMMYYYY)
DI Source: _____	Location: _____	
☐ Field Blank	☐ Equipment Blank	☐ Field Cleaned Equipment Blank
Equipment ID: _____		

Signature: _____	Date: _____
------------------	-------------

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: _____



RQ-2019- 08-19-41

Customer: NW-DIST

Project ID: SMP

Collected By: Michael King

Field Report Prepared By: Michael King

Sampling Agency: DEP NWROC

Field/WIN ID



G4NW0176

Location:

Direct Runoff-Graveyard Branch @ Tradewinds Dr.

Comments:

Matrix: Fresh

(Check one)

COMPOSITE



GRAB

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
8/19/19	1200	7.38	91.6	26.80	6.55	0.1	0.20	0.2	108.7	0.05
	CST									
							☒ VOB (S)			

Parameter Suite	Parameter Methods		Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP		☒ Ice ☒ H2SO4	☒ <2	1	C
	Lot#	SA9010030	Exp:	4/10/20030		
Metals (P-500ML)	☐ W-ICP ☐ W-ICPMS		☐ Ice ☐ HNO3	☐ <2		
	Lot#		Exp:			
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter		☐ Ice		1	C
Chlorophyll (BP-1L)	☒ CHLSUITE-W		☒ Ice		1	C
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS		☒ Ice		1	C
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY		☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC		☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID		☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E. coli ☐ Fecal ☐ Enterococci		☐ Ice		CONTRACT LAB	C
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-DG3 ☐ PCR-GFD		☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS		☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-CARB-AA		☐ Ice			
	☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-E8321-DI		☐ CH2CICOOH			
Phytoplankton	☐ DTY-QN-C		☐ Ice			

Relinquished By:

Date/Time

Mike King

8/19/19 1600

FedEx

Number of Coolers Shipped:

2

Received By:

Date/Time:



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: 8/19/19

(mm/dd/yyyy)

WIN/ Field ID: G4NW0415

WBID: 676

Latitude: 30.47142

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.21400

(Decimal Degrees)

Receiving Body of Water: Bayou Texar

RQ-2019- 08-19-41

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
	Mike King	☒	☒	☒	☒
		☐	☐	☐	☐
		☐	☐	☐	☐
		☐	☐	☐	☐

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: Normal		Meter ID# 154179	
Photos: No	Flow: Flowing	Tide: NA	Tide Times: High Low
Biological Samples Collected: None ☒ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI ☐ Other:			
SBIO ID Numbers:	SBIO-ID:	HA-ID:	RPS-ID: Macrophyte-ID: LIMS#:

Notes:

Duplicate Sample

Time Zone: EST CEN	Time: _____	Field ID: _____ (WIN ID_DUP)
WIN DMT Activity ID: _____		

Blank

Time Zone: EST CEN	Time: _____	Field ID: _____ (Blank Type_DDMMYYYY)
DI Source: _____	Location: _____	
☐ Field Blank	☐ Equipment Blank	☐ Field Cleaned Equipment Blank
Equipment ID: _____		

Signature: _____	Date: _____
------------------	-------------

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)



RQ-2019- 08-19-41

Customer: NW-DIST

Project ID: SMP

Collected By: Michael King

Field Report Prepared By: Michael King

Sampling Agency: DEP NWROC

Field/WIN ID



G4NW0415

Location:

Carpenter Creek upstream of 9th Avenue

Comments:

Matrix: Fresh

(Check one)

COMPOSITE

☒ GRAB

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
8/19/19	1115	7.43	88.2	24.40	5.70	0.2	0.30	0.3	94.7	0.04
	CST									
							☒ VOB (S)			

Parameter Suite	Parameter Methods			Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			☒ Ice ☒ H2SO4	☒ <2	1	A
	Lot#	SA9010030	Exp:	04/10/20			
Metals (P-500ML)	☒ W-ICP ☒ W-ICPMS			☒ Ice ☒ HNO3	☒ <2	1	A
	Lot#	NA9099030	Exp:	04/09/20			
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter			☒ Ice		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W			☒ Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS			☒ Ice		1	A
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY			☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC			☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID			☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E. coli ☐ Fecal ☐ Enterococci			☒ Ice		CONTRACT LAB	A
Molecular (QPCR-P-500ML)	☒ PCR-HF183 ☒ PCR-BacR ☐ PCR-GULL2 ☒ PCR-DG3 ☐ PCR-GFD			☐ Ice		1	1
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS			☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☒ W-PSNP-TQ ☒ W-CT-CL-R ☒ W-CARB-AA			☒ Ice		1	A
	☒ W-PCL-SQ-R ☒ W-E8321-MS ☒ W-E8321-DI			☒ CH2CICOOH			
Phytoplankton	☐ DTY-QN-C			☐ Ice			

Relinquished By:

Date/Time

Mike King

8/19/19 1600

FedEx

Number of Coolers Shipped:

2

Received By:

Date/Time:



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: 8/19/19

(mm/dd/yyyy)

WIN/ Field ID: G4NW0429

WBID: 846A

Latitude: 30.39780

County: Escambia

ORG ID: 21FLPNS

Longitude: 87.278261

(Decimal Degrees)

Receiving Body of Water: Bayou Chico

RQ-2019- 08-19-41

(Decimal Degrees)

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
	Mike King	☒	☒	☒	☒
		☐	☐	☐	☐
		☐	☐	☐	☐
		☐	☐	☐	☐

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: Normal		Meter ID# 154179	
Photos: No	Flow: Flowing	Tide: NA	Tide Times: High Low
Biological Samples Collected: None ☒ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI ☐ Other:			
S BIO ID Numbers:	S BIO-ID:	HA-ID:	RPS-ID: Macrophyte-ID: LIMS#:

Notes:

Duplicate Sample

Time Zone: EST CEN	Time: _____	Field ID: _____ (WIN ID_DUP)
WIN DMT Activity ID: _____		

Blank

Time Zone: EST CEN	Time: _____	Field ID: _____ (Blank Type_DDMMYYYY)
DI Source: _____		Location: _____
☐ Field Blank	☐ Equipment Blank	☐ Field Cleaned Equipment Blank
Equipment ID: _____		

Signature: _____	Date: _____
------------------	-------------

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)



RQ-2019- 08-19-41

Customer: NW-DIST

Project ID: SMP

Collected By: Michael King

Field Report Prepared By: Nathan Mulkey

Sampling Agency: DEP NWROC

Field/WIN ID →



G4NW0429

Location:

Jones Creek upstream of N Navy Blvd

Comments:

Matrix:

(Check one)

COMPOSITE

✓ GRAB

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
8/19/19	1020	4.64	57.0	26.30	5.34	0.2	0.3	0.4	71.3	0.03
	CST									
							☐ VOB (S)			

Parameter Suite	Parameter Methods			Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			☒ Ice ☒ H2SO4	☒ <2	1	B
	Lot#	SA9010030	Exp:	04/10/20			
Metals (P-500ML)	☐ W-ICP ☐ W-ICPMS			☐ Ice ☐ HNO3	☐ <2		
	Lot#		Exp:				
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter			☐ Ice		1	B
Chlorophyll (BP-1L)	☒ CHLSUITE-W			☒ Ice		1	B
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS			☒ Ice		1	B
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY			☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC			☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID			☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E. coli ☐ Fecal ☐ Enterococci			☐ Ice		CONTRACT LAB	B
Molecular (QPCR-P-500ML)	☒ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-DG3 ☐ PCR-GFD			☐ Ice		1	B
Tracers (BG-500ML)	☒ W-E8321-DI ☒ W-E8321-MS			☒ Ice		1	B
Pesticides (BG-500ML) (BG-1L)	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-CARB-AA			☐ Ice			
	☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-E8321-DI			☐ CH2CICOOH			
Phytoplankton	☐ DTY-QN-C			☐ Ice			

Relinquished By:

Date/Time

Mike King

8/19/19 1600

FedEx

Number of Coolers Shipped:

2

Received By:

Date/Time:



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: 8/19/19
(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 River

RQ-2019- 08-19-41
(Decimal Degrees)

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
	Mike King	☒	☒	☒	☒
		☐	☐	☐	☐
		☐	☐	☐	☐
		☐	☐	☐	☐

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: High		Meter ID# 154179	
Photos: No	Flow: Flowing	Tide: NA	Tide Times: High Low
Biological Samples Collected: None ☒ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI ☐ Other:			
SBIO ID Numbers:	SBIO-ID:	HA-ID:	RPS-ID: Macrophyte-ID: LIMS#:

Notes:

Duplicate Sample

Time Zone: EST CEN	Time: _____	Field ID: _____ (WIN ID_DUP)
WIN DMT Activity ID: _____		

Blank

Time Zone: EST CEN	Time: _____	Field ID: _____ (Blank Type_DDMMYYYY)
DI Source: _____	Location: _____	
☐ Field Blank	☐ Equipment Blank	☐ Field Cleaned Equipment Blank
Equipment ID: _____		

Signature: _____	Date: _____
------------------	-------------

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)



RQ-2019- 08-19-41

Customer: NW-DIST

Project ID: SMP

Collected By: Michael King

Field Report Prepared By: Michael King

Sampling Agency: DEP NWROC

Field/WIN ID  G5NW0051						Comments:				
Location: Ten Mile Creek upstream of Pine Forest Road										
Matrix: Fresh						(Check one)	COMPOSITE	☒ GRAB		
Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
8/19/19	1240	75.50	101.1	28.60	5.66	0.3	0.60	0.6	75.5	0.03
	CST	Not reported Poss. error cab 9/17/19								
	CST									
Parameter Suite		Parameter Methods				Preservation		pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)		☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☐ Ice ☐ H2SO4		☐ <2		
		Lot#		Exp:						
Metals (P-500ML)		☐ W-ICP ☐ W-ICPMS				☐ Ice ☐ HNO3		☐ <2		
		Lot#		Exp:						
Filtered Nutrients (P125ML)		☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter				☐ Ice				
Chlorophyll (BP-1L)		☐ CHLSUITE-W				☐ Ice				
Physical/Aggregate (Fresh) (P-1L)		☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS				☐ Ice				
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				☐ Ice				
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle)		☒ E. coli ☐ Fecal ☐ Enterococci				☒ Ice			CONTRACT LAB	D
Molecular (QPCR-P-500ML)		☒ PCR-HF183 ☒ PCR-BacR ☐ PCR-GULL2 ☒ PCR-DG3 ☐ PCR-GFD				☒ Ice			1	D
Tracers (BG-500ML)		☒ W-E8321-DI ☒ W-E8321-MS				☒ Ice			1	D
Pesticides (BG-500ML) (BG-1L)		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-CARB-AA				☐ Ice				
		☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-E8321-DI				☐ CH2CICOOH				
Phytoplankton		☐ DTY-QN-C				☐ Ice				
Relinquished By:		Date/Time				Number of Coolers Shipped:		Received By:		Date/Time:
Mike King		8/19/19 1600		FedEx		2				

Document Reference # 05.1.0

Sampler's initials : mk

Page 1 of 1

Date/Time: 8/19/2019 / 1325

Date/Time: 8/19/2019 / 1325

[illegible]

Comments sample container lot# # CR 013V

RQ-2019-08-19-41

Contact organization FDEP

Contact name Michael King

Phone: (850) 595-8300

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

Sampler's name:

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

²Type codes: G = grab, C = composite, X =

³ Recorded using IRT-2