

RQ-2019-11-11-24

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: 12/4/19 initials: mk

☒ Update "SMP Tracker" Date: 12/5/19 initials: mk

☐ 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: 12/5/19 initials: mk

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:

154179

RQ:

2019-11-11-24

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 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	MIKE KING	12/4/19	0715	20.4	766.0	9.1	9.15	100.6			(P) F	(L) F
CCV	M	12/4/19	1545	20.1	764.0	9.1	9.20	100.8			(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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	MIKE KING	12/4	0718	190618C	06/2020	10000	10003	(P) F	(L) F
ICV	M	12/4	0720	190116A	01/2020	1000	1024	(P) F	(L) F
CCV	M	12/4	1548	180517A	01/2020	100	102.6	(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	12/4	0723	1904055E	10/2020	7.0	20.5	7.02	-74.6	(P) F	(L) F
Calibr.			0724	4902J25	02/2021	4.0	21.2	4.00	94.3	(P) F	(L) F
Calibr.			0725	4904E09	09/2020	10.0	20.3	10.05	-240.3	(P) F	(L) F
ICV			0730	4902J25	02/2021	4.0	20.6	3.99		(P) F	(L) F
CCV	M	12/4	1550	4904E09	09/2020	10.0	20.4	10.06		(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: 10/17/19

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	MIKE KING	12/4	0732	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: **Juniper Creek upstream of Eglin Rd 221**

Date: 12/4/19
(mm/dd/yyyy)

WIN/ Field ID: **G3NW0170**

WBID: **468**

Latitude: **30.608018**

(Decimal Degrees)

County: **Okaloosa**

ORG ID: **21FLPNS** Longitude: **-86.522770**

(Decimal Degrees)

Receiving Body of Water: **Turkey Creek**

RQ- **11-11-24**

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

Water Level: Dry/ Pooled/ Low Normal High / Flooded Meter ID# 164179 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	12:15	0.4	0.2	0.4	9.70	97.8	4.74	0.01	13.8	16.0
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	5/20	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA9129070	05/09/20	☒ <2
Filtered Nutrients	☒ W-P04-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QUDE	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coll ☐ F Coll ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-ELTER ☐ PCR-BactR ☐ PCR-GULL2	☐ Ice			
	☐ PCR-HEUA3 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-01 ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TG ☐ W-CT-CL-R ☐ W-E8321-01	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Notes: CODE 5625

Field/WIN ID → **G3NW0170**

Location: **Juniper Creek upstream of Eglin Rd 221**

Signature: Myranda Clark Date: 12/4/19

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: Eagle Creek upstream of Hwy 20

Date: 12/4/19

(mm/dd/yyyy)

WIN/ Field ID: G3NW0151

WBID: 751

Latitude: 30.46374

(Decimal Degrees)

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.37614

(Decimal Degrees)

Receiving Body of Water: Choctawhatchee Bay

RQ-2019-11-11-24

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Michael King									☒ Sample Container	☐ Van Dorn	☐ Pole	
Myranda Clark									☐ Carboy	☐ Syringe		
									☐ Dipper	☐ Other		
									Depth Measured with <u>PRODS5</u>			
									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# <u>154179</u>				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	11:20	0.2	0.1	0.2	8.73	75.1	4.50	0.01	32.6	9.1		
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-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		☒ F 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:

Ref: Date: 21Oct19 SHIPPING: 0.00
Dep: Wgt: 10.00 LBS SPECIAL: 0.00
DV: 0.00 HANDLING: 0.00
TOTAL: 0.00

Svcs: PRIORITY OVERNIGHT Master 1278 4008 5910
TRCK: 1278 4008 5920

Field/WIN ID: G3NW0151

Location: Eagle Creek upstream of Hwy 20

Signature: Myranda Clark Date: 12/4/19

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)

Customer: NW-DIST
Project ID: SMP

Requester: Michael King
Collected By: Myranda Clark

Field Report Prepared By: Myranda Clark
Sampling Agency: FLPNS

Location		Field/WIN ID		Field ID		WIN/ST		Latitude		Location		Field/WIN ID		Field ID		WIN/ST		Latitude	
Eagle Creek upstream of Hwy 20		G3NWW0151		G3NWW0151		G3NWW0151		G3NWW0151		Juniper Creek upstream of Eglin Rd 221		G3NWW0170		G3NWW0170		G3NWW0170		G3NWW0170	
Field ID		WIN/ST		Latitude		Field ID		WIN/ST		Latitude		Field ID		WIN/ST		Latitude		Field ID	
11:20		12:15		13:8		11:20		12:15		13:8		11:20		12:15		13:8		11:20	
Diss. Oxygen		pH		Temp (C)		Salinity (ppt)		Diss. Oxygen		pH		Temp (C)		Salinity (ppt)		Diss. Oxygen		pH	
8.73		4.50		9.1		0.01		9.70		4.74		16.0		0.01		9.70		4.74	
mg/L		ft		ft		ft		mg/L		ft		mg/L		ft		mg/L		ft	
Total Res. Chlorine		Sp. Conductance		Total Res. Chlorine		Sp. Conductance		Total Res. Chlorine		Sp. Conductance		Total Res. Chlorine		Sp. Conductance		Total Res. Chlorine		Sp. Conductance	
32.6		32.6		32.6		32.6		32.6		32.6		32.6		32.6		32.6		32.6	
Composite end		Composite end		Composite end		Composite end		Composite end		Composite end		Composite end		Composite end		Composite end		Composite end	
Date		Date		Date		Date		Date		Date		Date		Date		Date		Date	
Eastern		Eastern		Eastern		Eastern		Eastern		Eastern		Eastern		Eastern		Eastern		Eastern	
Central		Central		Central		Central		Central		Central		Central		Central		Central		Central	
Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)	
C		C		C		C		C		C		C		C		C		C	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Mike King	12/4/19 15:00	FedEx	1		

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: A	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: A	Bottle Type: PCR-BACR PCR-DG3 PCR-HF183	QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: A	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1

Group: B	Bottle Type: W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
Group: B	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	1
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
						Sent to Contract Lab	

