

RQ-2019-08-12-25

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

\\Fidep1\wqap\NW ROC\TMDL\WIN_Station Creation

☒ Date sampled Date: 8/14 initials: me

☒ Update MAT Date: _____ initials: _____

☒ Update "SMP Tracker" Date: 8/16 initials: me

☐ 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: 8/24 initials: me

☒ 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:

Date of Request: 22-JUL-2019
 Created By: KING_M On: 22-JUL-2019
 Modified By: JASROTIA_P On: 24-JUL-2019
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: EGLIN RUN EAST

Send Coolers To:

Phone: 850-595-0605
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 24-JUL-2019
 Biology Request Reviewed By: JASROTIA_P On: 24-JUL-2019
 Sampling Kit Required: YES Ship on: 02-AUG-2019
 Sampling Kit Shipped: YES On: 29-JUL-2019
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 12-AUG-2019
 Received By: SHAIK_A On: 15-AUG-2019

Send Final Report To:

160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: Group A: Marine/Freshwater
 (WBID 751, 712, Duplicate) Nutrients, Bacteria

Group B: Field Blank
 Nutrients no chlorophyll

Packing Notes:

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
Total Alkalinity		
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Turbidity		
W-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide in aqueous matrices
Bromide		
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
Chloride		
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Fluoride		
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
Sulfate		
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
TDS		
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
TSS		
Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE

Bottle Group A (Water) With 3 Samples:

Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Chlorophyll-a, Corrected		
Chlorophyll-a, Uncorrected		
Phaeophytin-a		
Bottle Type: TEST HAS NO	Number of Bottles: 6	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
Escherichia Coli-Quanti-Tray		
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
Enterococci-Quanti-Tray		
Bottle Type: TEST HAS NO	Number of Bottles: 3	Preserved With: ICE
NW-UWF-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by UWF in Pensacola
Fecal Coliforms-Membrane Filter		
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
Ammonia-N		
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
NO2NO3-N		
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
Total-P		
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Kjeldahl Nitrogen		
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Organic Carbon		
Bottle Type: P-125ML	Number of Bottles: 3	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
O-Phosphate-P		

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
Total Alkalinity		
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Turbidity		
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
Chloride		
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Fluoride		
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
Sulfate		
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
TDS		
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
TSS		
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
Ammonia-N		
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
NO2NO3-N		
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
Total-P		
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Kjeldahl Nitrogen		
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Organic Carbon		
Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-125ML

Number of Bottles: 1

Preserved With: FILTER-ICE

W-PO4-F

Template: DEFAULT

(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

O-Phosphate-P

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- 2019-08-12-27

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 06/13/19

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	<u>Mike King</u>	<u>8/14</u>	<u>0205</u>	<u>24.7</u>	<u>759</u>	<u>8.3</u>	<u>8.34</u>	<u>79.3</u>			<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
CCV	<u>MC</u>	<u>↓</u>	<u>14:40</u>	<u>27.5</u>	<u>757</u>	<u>7.9</u>	<u>7.90</u>	<u>100.3</u>			<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>

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.	<u>mm</u>	<u>8/14</u>	<u>0708</u>	<u>190618C</u>	<u>06/2020</u>	<u>10000</u>	<u>10000</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
ICV	<u>mm</u>	<u>8/14</u>	<u>0709</u>	<u>190116A</u>	<u>01/2020</u>	<u>1000</u>	<u>1029</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
CCV	<u>MC</u>	<u>↓</u>	<u>14:42</u>	<u>190609A</u>	<u>5/20</u>	<u>50,000</u>	<u>53,459</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
CCV			<u>14:45</u>	<u>190618A</u>	<u>6/20</u>	<u>100</u>	<u>100</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>

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.	<u>mm</u>	<u>8/14</u>	<u>0710</u>	<u>2811803</u>	<u>10/20</u>	<u>7.0</u>	<u>24.2</u>	<u>7.0</u>	<u>-41.0</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
Calibr.	<u>↓</u>	<u>↓</u>	<u>0711</u>	<u>2902818</u>	<u>01/21</u>	<u>4.0</u>	<u>24.5</u>	<u>4.0</u>	<u>133.6</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
Calibr.	<u>↓</u>	<u>↓</u>	<u>0712</u>	<u>4904509</u>	<u>09/20</u>	<u>10.0</u>	<u>24.3</u>	<u>10.0</u>	<u>-210.1</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>0715</u>	<u>2902818</u>	<u>01/21</u>	<u>4.0</u>		<u>4.05</u>		<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
CCV			<u>14:51</u>	<u>4904509</u>	<u>9/20</u>	<u>10.0</u>	<u>21.7</u>	<u>9.96</u>	<u>-212.4</u>	<u>P</u> / <u>F</u>	<u>L</u> / <u>F</u>
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 10 169.9, slope from 4 to 7 174.4 (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						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: Mouth of Mullet Creek @ Hwy 20

Date: 8/14/19

WIN/ Field ID: G3NW0137

WBID: 712

Latitude: 30.476250

(mm/dd/yyyy)

County: Walton

ORG ID: 21FLPNS

Longitude: -86.332910

(Decimal Degrees)

Receiving Body of Water: Choctawhatchee Bay

RQ-2019-08-12-25

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
M. King						X			X
M. Clark					X		X		

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☒ Pole
☐ Carboy	☒ Syringe	☒ Dipper
Depth Measured with: Prods		
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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	9:50	1.2	0.3	1.2	5.04	64.4	5.28	0.01	30.8	28.0
CEN				1.5						

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	5A9010030	4/20	☒ <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-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ M-PIW-QD	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ Coll ☐ F-Coll ☐ Enterococcus	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-Baer ☐ PCR-GULL2	☐ Ice			
Tracers	☐ W-ER21-EX ☐ W-ER21-MS	☐ Ice			
Pesticides	☐ W-PSNP-ID ☐ W-CT-CL-R ☐ W-ER21-DI	☐ Ice			
Phytoplankton	☐ W-PC-SO4 ☐ W-ER21-MS ☐ W-CARB-AA				

Notes:	Field/WIN ID	Location:
	G3NW0137	Mouth of Mullet Creek @ Hwy 20
Signature: <i>Myra Clark</i>	Date: 8/14/19	

LIMS EVENT ID:	WIN Import ID:	QC Station ID, Field Parameters In LIMS DMT:
Enter Field Parameters, Verify Station ID 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

5

WIN Station Name: Eagle Creek upstream of Hwy 20

Date: 8/14/19

WIN/ Field ID: G3NW0151

WBID: 751

Latitude: 30.46374

(mm/dd/yyyy)

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.37614

(Decimal Degrees)

Receiving Body of Water: Choctawhatchee Bay

RQ-2019-08-12-25

(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
M. King						X	X	X	X
M. Clark					X	X			

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

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

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

Meter ID# 135077

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	10:17	0.7	0.3	VOB	3.04	39.1	4.90	0.02	38.6	28.4
CEN										

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	5A9010030	4/20	☒ <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-CH-IC / ☐ W-COLOR / ☐ W-SO4-IC / ☐ W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-BR-K / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MIFW-OLDC	☐ Formalin			
Periphyton	☐ ALGAL-ID	☐ Ice			
Microbiology	☒ E Coll ☐ F Coll ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-Back ☐ PCR-GULID ☐ PCR-HPL ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-MS ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TO ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SO ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ BTV-QN-C ☐ PKD-QN-C				

Notes:

Field/WIN ID: G3NW0151

Location: Eagle Creek upstream of Hwy 20

Signature: [Signature]

Date: 8/14/19

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>10:22</u>	Field ID: <u>G3NW0151-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	<u>SA9010030</u> <u>4/20</u> ☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃	☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Place Preservative Sticker(s) Here (If Available)
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	
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	

Blank

Time Zone: EST	<u>CEN</u>	Time: <u>10:25</u>	Field ID: <u>FB-14082019</u> (Blank Type_DDMYYYYY)
DI Source: <u>Ice Room</u>	Location: <u>Eagle Creek upstream of Hwy 20</u>		
☒ Field Blank	☐ Equipment Blank	☐ Field Cleaned Equipment Blank	Equipment ID: <u>NW ROC 2A</u>
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	<u>SA9010030</u> <u>4/20</u> ☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃	☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Place Preservative Sticker(s) Here (If Available)
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 ID →  G3NW0151_DUP		Field ID:  FB_08142019	
Location: Eagle Creek upstream of Hwy 20		Location: Eagle Creek upstream of Hwy 20	
WIN ID →  G3NW0151			
Signature: 		Date: <u>8/14/19</u>	

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)

Request Number: RC-2019-08-12-25

Florida Department of Environmental Protection

Page 1 of 3

EGLIN RUN EAST

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: M. Clark

Project ID: SMP

Collected By: M. Clark

Sampling Agency: FLPNS-NWROC

Location		☐ Comp		Collection (comp begin or grab)		☒ Grab		Date 8/14/19		Time 9:50		Eastern Composite end		Date		Time		Bottle Group(s)	
Field		Field/WIN ID		Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH		Sample Depth		Diss. Oxygen		☒ mg/L Total Res. Chlorine		☐ % sat		(See pg 2)	
WIN		G3NW0137		28.0		5.28		0.3		0.3		5.04		30.8				A	
Latitude		Mouth of Mullet Creek @ Hwy 20		☐ dd		☐ dms		Salinity (ppt)		0.01		Comments							
Location		Field/WIN ID		Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH		Sample Depth		Diss. Oxygen		☒ mg/L Total Res. Chlorine		☐ % sat		Bottle Group(s)	
WIN		G3NW0151		28.4		4.90		0.3		0.3		3.04		36.6				A	
Latitude		Eagle Creek upstream of Hwy 20		☐ dd		☐ dms		Salinity (ppt)		0.02		Comments							
Location		Field ID →		Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH		Sample Depth		Diss. Oxygen		☐ mg/L Total Res. Chlorine		☐ % sat		Bottle Group(s)	
Field ID		G3NW0151_DUP		10:22		10:22		0.3		0.3		0.3		0.3				A	
WIN		WIN ID →		G3NW0151		Temp (C)		pH		Sample Depth		Diss. Oxygen		☐ mg/L Total Res. Chlorine		☐ % sat			
Latitude		Eagle Creek upstream of Hwy 20		☐ dd		☐ dms		Salinity (ppt)		0.01		Comments							
Location		Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH		Sample Depth		Diss. Oxygen		☐ mg/L Total Res. Chlorine		☐ % sat		Bottle Group(s)	
Field		FB_08142019		10:25		10:25		0.3		0.3		0.3		0.3				B	
WIN		WIN ID		G3NW0151		Temp (C)		pH		Sample Depth		Diss. Oxygen		☐ mg/L Total Res. Chlorine		☐ % sat			
Latitude		Eagle Creek upstream of Hwy 20		☐ dd		☐ dms		Salinity (ppt)		0.01		Comments							

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

M. King

8/14/19 15:30

FedEx

1

Group:	A	Bottle Type:	P-1L	# of Bottles:	3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
		ALKALINITY							
		TURBIDITY							
		W-BR-IC							
		W-CL-IC							
		W-COLOR							
		W-F							
		W-SO4-IC							
		W-TDS							
		W-TSS							
Group:	A	Bottle Type:	BP-1L	# of Bottles:	3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
		CHLSUITE-W							
Group:	A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles:	6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
		NW-UWFF-ECQ							
		NW-UWFF-ENQ							
Group:	A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles:	3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
		NW-UWFF-FC							
Group:	A	Bottle Type:	P-500ML	# of Bottles:	3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
		W-NH3							
		W-NO2NO3							
		W-S-A-TP							
		W-TKN							
		W-TOC							
Group:	A	Bottle Type:	P-125ML	# of Bottles:	3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
		W-PO4-F							
Group:	B	Bottle Type:	P-1L	# of Bottles:	1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
		ALKALINITY							
		TURBIDITY							
		W-CL-IC							
		W-COLOR							
		W-F							
		W-SO4-IC							
		W-TDS							
		W-TSS							

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3					
	W-NO2NO3			H2SO4		
	W-S-A-TP			LOT# S49010030		
	W-TKN			Exp: 04/10/2020		
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F					

Document Reference # 05.1.0

Sampler's initials: MC + MB

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Date/Time: 8/14/19 1:25

Date/Time: 08/19/19 1:12:58

and place it with the samples for transport.

[illegible]

Phone: (850) 595-8300

Sampler's name: M. Clarke

³ Recorded using IRT-2

\\Fdep1\dear\WQAPI\Regional Operations\CalWest\WTRBACT\MDL\SMP 2019\Field Sheets and Labels\Eglin Run East\WVF_Sample transmittal form_Eglin