

RQ-2019-11-25-10

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: 12/3/19 initials: ME

☐ Update MAT Date: _____ initials: _____

~~☒~~ Update "SMP Tracker" Date: _____ initials: _____

☐ Photos put into archive Date: _____ initials: _____ ~~NA~~

~~☒~~ RQ Sheet – from LIMS (display/print request)

~~☒~~ Field Sheets initialed/dated @ "Scan/Save Field Sheets" then scanned (with calibration logs) and saved into:

Scans_ToBeProcessed Date: 12/3/19 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:

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: **165077**

RQ: **2019-11-25-10**

Project: **SMP/Cont. Mon**

- 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.	M. Clark	12/3	7:56	20.3	764	9.1	9.06	99.1			P/F	L/F
ICV	↓	↓	13:34	23.3	760	8.5	8.56	100.5			P/F	L/F
CCV											P/F	L/F
CCV											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.	M. Clark	12/3	8:00	190614C	6/20	10,000	10,000	P/F	L/F
ICV	↓	↓	8:02	190616A	1/20	1,000	995	P/F	L/F
CCV	↓	↓	13:37	190517A	1/20	100	103.7	P/F	L/F
CCV	↓	↓	13:39	190519B	5/20	50,000	50,416	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	12/3	8:10	190405E	10/20	7.	16.8	6.83	-6.0	P/F	L/F
Calibr.	↓	↓	8:13	490252S	2/21	4.	19.4	4.00	166.0	P/F	L/F
Calibr.	↓	↓	8:15	4904E09	9/20	10.	19.1	10.00	-142.6	P/F	L/F
ICV	↓	↓	8:17	490252S	2/21	4.0	19.1	4.04	163.9	P/F	L/F
CCV	↓	↓	13:42	4904E09	9/20	10.0	19.7	10.05	-146.0	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: _____

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	M. Clark	12/3	8:19	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: Bayou Chi co

Date: 12/31/19
(mm/dd/yyyy)

WIN/ Field ID: G4NW0483

WBID: 846CB

Latitude: 30.40552

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.256994
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ-2019- 11-25-10
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
S. Slack M. Clark									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
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
Photos: Yes (No) Flow: No Flow / Intestinal / Flowing (NA) Tide: Rising / Falling / Slack / NA
Meter ID# 155077 Matrix: Fresh (Marine) / DI
Tide Times: High 135 Low 13:01

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)
EST	0930	2.4	0.3	2.1	7.01	82.5	7.93	26.94	41911	15.7
(CEN)	09:35		1.9	2.1	5.80	73.3	7.98	29.17	45023	18.5

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-P ☐ Field Filtered 0.45 um 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-K / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ M-FW-QDC	☐ 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-H ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ QTY-QN-C ☐ PKD-QN-C				

Notes:

Field/WIN ID → G4NW0483

Location: BAYOU CHICO

Signature: [Signature] Date: 12/31/19

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 12/31/19 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: Sanders Beach off I Street Dock

Date: 12/3/19

(mm/dd/yyyy)

WIN/ Field ID: G4NW0492

WBID: 848DA

Latitude: 30.39998

(Decimal Degrees)

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.235908

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ-2019-11-25-10

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
S. Slade M. Clark									

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 Dock	☐ Gasoline Motor		

Water Level: Dry/ Pooled Low/ Normal / High / Flooded Meter ID# 155072 Matrix: Fresh (Marine) DI
Photos: Yes / No Flow: No Flow / Intestinal / Flowing NA Tide: Rising Falling Slack/ NA Tide Times: High 1:35 Low 13:01

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	1020	0.4	0.2	0.4	8.02	94.9	7.98	28.00	43402	15.5
CEN				15"						

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-P04-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☐ CHL-SUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-C-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-K ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ BTY-QN-C ☐ PKD-QN-C				

Notes:

Field/WIN ID →



Location:

Sanders Beach off I Street Dock

Signature: [Signature] Date: 12/3/19

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: Weekly Bayou Creek @ County Rd 293

Date: 12/3/19
(mm/dd/yyyy)

WIN/ Field ID: G4NW0482

WBID: 935

Latitude: 30.352278

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.403041
(Decimal Degrees)

Receiving Body of Water: Perdido Bay

RQ-2019- 11-05-10
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
SS MC						X	X	X	X

Sampling Equipment		
☒ 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 / 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 4:04 Low 16:38

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	11:05	0.2	0.1	0.2	6.46	54.0	4.39	0.22	460.1	10.6
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-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	SA9129100	5/20	☒ <2
Metals	☐ W-CRM / ☐ W-IC	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	16918633		
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-IC / W-F / W-TSS / TURBIDITY	☒ Ice			
Macroinvertebrates	☐ M-FW-QUC	☐ Formalin			
Periphyton	☐ ALGAE-IP	☐ Ice			
Microbiology	☐ E-Coli ☐ F-Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-B&P ☐ PCR-GULL2 ☐ PCR-HFMS ☐ PCR-OG3 ☐ PCR-GPD	☐ Ice			
Tracers	☐ W-ER321-DL ☐ W-ER321-MS	☐ Ice			
Pesticides	☐ W-PSNP-PP ☐ W-CT-CL-R ☐ W-ER321-DL ☐ W-PC-SC-13 ☐ W-ER321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ PHY-QAC ☐ PHY-QAC				

Notes: Picked up sonde at 11am

Field/WIN ID →



Location:

Weekly Bayou Creek @ County Rd 293

Signature: [Signature]

Date: 12/3/19

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 12/5/19 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data in WIN: (Initials/Date)

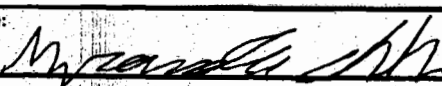
QA/QC Sample Information

Duplicate

Time Zone: EST	CEN	Time: 11:10	Field ID: G4NW0482-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	SA9129100 5/00 ☐ <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-SUTE-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-E3821-MS ☐ W-CARB-AA	☐ Ice	

Blank

Time Zone: EST	CEN	Time: 11:15	Field ID: FB-03122019
DI Source: NW ROC Ice Room		Location: Weekly Bayou Creek @ County Rd 293	
☒ Field Blank	☐ Equipment Blank	☐ Field Cleaned Equipment Blank	Equipment ID: NW ROC III
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	SA9129100 5/00 ☐ <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	

Field ID →		Field ID:	
Location: Weekly Bayou Creek @ County Rd 293		Location:	Weekly Bayou Creek @ County Rd 293
WIN ID →			
Signature: 		Date: 12/3/19	

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
SMP CONTINUOUS MONITORING SHEET

August 2017

PAGE 1 OF 1

Data Qualified?
Yes / ☒ No

STORET Station Name: Weekly Bayou Creek @ County Rd. 293

WBID: 935

STORET Station ID: G4NW0482

ORG ID: 21 FLPNS

Field ID: G4NW0482

County: Escambia RQ - 2019-11-25-10

Meter ID#: <u>156930</u>			
Pre-Deployment Setup			
Date: <u>11/27/19</u>		Performed by: <u>Myranda Clark</u>	
Parameters Recorded: ☒ Date ☒ Time ☒ Temp. (C°) ☒ Sp. Cond. ☒ DOSAT ☒ DO (mg/L) ☒ pH ☒ Depth			
Sampling Interval (min): <u>15</u>	Free Memory (days): <u>99%</u> <u>0.03%</u>	Expected Battery Life: <u>96.90%</u>	Programmed Duration: <u>6 days</u>
Sonde Filename: <u>WKL405</u>			Reset Clock? (Y or N) <u>N</u>
Programmed Start Date/Time: <u>11/27/19</u> (mm/dd/yyyy)	<u>9:55</u> <u>10:55</u> <u>MC</u>	(hh:mm:ss) ☒ Cent. ☒ East	Wipers Park Correctly? <u>Y</u>
Programmed End Date/Time: <u>12/3/19</u> (mm/dd/yyyy)	<u>12:00</u>	(hh:mm:ss) ☒ Cent. ☒ East	Calibration Date <u>11/27/19</u>

Deployment			
Date: <u>11/27/19</u>		Time Into Water: <u>10:55</u>	
Time Zone: ☒ Cent. ☒ East.			
Deployed Sonde Latitude: <u>30.352278</u>	Deployed By: (print all staff present)		<u>Myranda Clark</u> <u>Heather Schmutz</u>
Deployed Sonde Longitude: <u>-87.402972</u>			

Notes: (how to get to, landmarks, site considerations & concerns, etc.)

Tide falling; creek flow moving downstream.

Photos: Yes ☒ No

Retrieval			
Date: <u>12/3/19</u>		Time Out Of Water: <u>11:00</u>	
Time Zone: ☒ Cent. ☒ East.			
Mounting left or removed? <u>Removed</u>	Retrieved By: <u>Myranda Clark</u> <u>Stophar Slade</u>		

Notes: (significant fouling, signs of human disturbance, site considerations and concerns, etc.)

Last measurement recorded included samplers walking in water to retrieve sonde.

Post-Deployment	
Date: <u>12/3/19</u>	Performed by: <u>Myranda Clark</u>
Data File Downloaded? ☒ Yes ☐ No	Archived Filename: <u>12032019-data</u>
Meter Verification Date: <u>12/3/19</u>	

Perdido/Bridge

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: S. Slade

Project ID: SMP

Collected By: S. Slade / m. clarkSampling Agency: FOEP NWDOC

Location	Field/WIN ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/3/19</u> Time <u>0930</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	Location:	G4NW0483	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>7.01</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/ST	 BAYOU CHICO		Temp (C) <u>15.7</u>	pH <u>7.93</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>41911</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>26.94</u>	Comments			B
Location	Field/WIN ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/3/19</u> Time <u>1020</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Location:	G4NW0492	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>8.02</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/ST	Sanders Beach off I Street Dock		Temp (C) <u>15.5</u>	pH <u>7.98</u>	Sample Depth <u>0.2</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>43402</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>28.00</u>	Comments			B
Location	Field/WIN ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/3/19</u> Time <u>1105</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Location:	G4NW0482	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>6.46</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/ST	Weekly Bayou Creek @ County Rd 293		Temp (C) <u>10.6</u>	pH <u>4.39</u>	Sample Depth <u>0.1</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>460.1</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.22</u>	Comments			A
Location	Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/3/19</u> Time <u>1110</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Location:	G4NW0482_DUP	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/ST	Weekly Bayou Creek @ County Rd 293		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			A

Relinquished By: <u>m. clark</u>	Date/Time <u>12/3/19 1630</u>	Shipping Method <u>Fedex</u>	Number of Coolers Shipped: <u>1</u>	Received By:	Date/Time
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Group: A	Bottle Type: P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
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: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
CHLSUITE-W					
Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
H2SO4 LOT# SA9129100 EXP: 05/09/2020					
Group: A	Bottle Type: P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
W-PO4-F					
Group: B	Bottle Type: TEST HAS NO BOTTLE	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
NW-UWF-ENQ					
Sent To Contract lab UWF					
Group: B	Bottle Type: QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
PCR-HF183					
Group: B	Bottle Type: BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
W-E8321-DI					
W-E8321-MS					
Group: C	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
ALKALINITY TURBIDITY W-BR-IC W-CL-IC W-COLOR					

Group: C	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>con'7</u>
	W-F				
	W-SO4-IC				
	W-TDS				
	W-TSS				

Group: C	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				

H2SO4
LOT# SA9129100
EXP: 05/09/2020

Group: C	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-PO4-F				

Perdido/Bridge

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: S. Slade

Project ID: SMP

Collected By: S. Slade / m. clarkSampling Agency: FOEP NWDC

Locati	Field ID:				☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern ☒ Central		Composite end		Bottle Group(s)	
Field I	Location:		FB_03122019		Date		Time		Date		Time		(See pg 2)	
WIN/	Weekly Bayou Creek @ County Rd 293				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		C	
Latitude	☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Temp (C)		pH		Sample Depth		☐ ft ☐ m	
					Salinity (ppt)		Comments							
Location					☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern ☒ Central		Composite end		Bottle Group(s)	
Field ID					Date		Time		Date		Time			
WIN/STORET #					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude			☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Temp (C)		pH		Sample Depth	
					Salinity (ppt)		Comments							
Location					☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern ☒ Central		Composite end		Bottle Group(s)	
Field ID					Date		Time		Date		Time			
WIN/STORET #					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude			☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Temp (C)		pH		Sample Depth	
					Salinity (ppt)		Comments							
Location					☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern ☒ Central		Composite end		Bottle Group(s)	
Field ID					Date		Time		Date		Time			
WIN/STORET #					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude			☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Temp (C)		pH		Sample Depth	
					Salinity (ppt)		Comments							
Location					☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern ☒ Central		Composite end		Bottle Group(s)	
Field ID					Date		Time		Date		Time			
WIN/STORET #					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude			☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Temp (C)		pH		Sample Depth	
					Salinity (ppt)		Comments							

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
m. clark	12/31/19 1630	Fedex	1		

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ENQ					
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-HF183					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-BR-IC					
	W-CL-IC					
	W-COLOR					

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Laboratory: Wetlands Research Laboratory

Sampler's initials: Sam

Project: FDEP

Method of transport: Drop off on ice by automobile

Page 1 of 1
Date/Time: 12/3/2019 12:19

Samples delivered by: S. Slade of FDEP

Date/Time: 12/31/2019, 12:14

Sample received by: Assembly of WRL

Date/Time: 12/3/2019 12:14

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# # L19229

RQ-2019-11-25-10

Contact organization FDEP

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

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

Sampler's name: Stephen Slade

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

³ Recorded using IRT-2.

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