

RQ-2019-07-29-14

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: 9/3/19 initials: SS

☒ Update "SMP Tracker" Date: 9/5/19 initials: SS

☒ Photos put into archive Date: 9/5/19 initials: SS ☐ 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: 9/9/19 initials: SS

Scan order; RQ Tracking 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:

15072

RQ:

2019-07-24-14

Project:

SNP

- 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											P / F	L / F
CCV	J. Hode	9/3/19	0707	28.5	759.5	7.8	7.71	99.3	—		(P) F	(L) F
CCV	J. Hode	9/3/19	1523	23.3	757.9	8.5	8.56	100.7			(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.	J. Hode	9/3/19	0709	190116 A	Jan '20	1000	1000	(P) F	(L) F
ICV	J. Hode	9/3/19	0711	190618 A	Jan '20	100	103.8	(P) F	(L) F
CCV	J. Hode	9/3/19	1525	190509 B	May '20	50000	50766	(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.	J. Hode	9/3/19	0713	2811803	Oct '20	7.	28.6	6.99	-56.3	(P) F	(L) F
Calibr.	J. Hode	9/3/19	0715	2902 818	Jan '21	4.	28.8	4.01	126.3	(P) F	(L) F
Calibr.	J. Hode	9/3/19	0717	49041209	Sep '20	10.	27.9	9.92	-223.0	(P) F	(L) F
ICV	J. Hode	9/3/19	0719	2902 818	Jan '21	4.00	28.1	3.96	126.4	(P) F	(L) F
CCV	J. Hode	9/3/19	1529	4904E09	Sep '20	10	23.7	10.06	-222.4	(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 10 166.7 , slope from 4 to 7 152.6 (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	J. Hode	9/3/19	0720	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: Alaqua Creek at Park boat ramp

Date: 9/3/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0163

WBID: 351A

Latitude: 30.51254

(Decimal Degrees)

County: Walton

ORG ID: 21FLPNS

Longitude: -86.18635

(Decimal Degrees)

Receiving Body of Water: Basin Bayou

RQ-2019- 07-2944

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment		
MIKE KING STORMER SLADE					☒	☒	☒	☒	☒	☒ 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: 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	0940	2.03	0.3	1.6	6.53	80.1	5.86	1.02	2014	25.4
CEN		2.0	1.5		5.94	74.1	7.43	1.28 27.3	42765	30.3

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SPIO ID Numbers: SPIO-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	8344070	12/10/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	16918633		
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				

Notes:

Ref: Date: 15 Jul 19 SHIPPING: 0.00
Dep: Wgt: 10.00 LBS SPECIAL: 0.00
DV: 0.00 HANDLING: 0.00
TOTAL: 0.00

Send: PRIORITY OVERNIGHT Master 4751 8781 7310
TRACK: 4751 8781 7321

Field/WIN ID



Location

Alaqua Creek at Park boat ramp

Signature: [Signature]

Date: 9/3/19

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

9/9/19
(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: Shaw Still Branch upstream E College Blvd

Date: 9/3/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0162

WBID: 658

Latitude: 30.534728

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.453578
(Decimal Degrees)

Receiving Body of Water: Swift Creek

RQ-2019-07-29-14
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Mike King									
Stephan SLADE									

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: 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	1020	0.4	0.2	0.13	7.47	89.5	6.57	0.10	210.4	24.4
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	8344070	12/10/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☐ Ice	16918633		
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)

Ref:	Date: 15Jul19	SHIPPING:	0.00	Field/WIN ID	
Dep:	Wgt: 10.00 LBS	SPECIAL:	0.00	Location	G3NW0162
	DV:	HANDLING:	0.00	Shaw Still Branch upstream E College Blvd	
		TOTAL:	0.00		

Svc: PRIORITY OVERNIGHT Master 4751 8781 7310
TRCK: 4751 8781 7310

Signature:

Date: 9/3/19

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 9/9/19 (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: Deer Moss Creek upstream College Blvd

Date: 9/3/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0045

WBID: 620

Latitude: 30.53677

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.43328
(Decimal Degrees)

Receiving Body of Water: Rocky Bayou

RQ-2019- 07-29-14
(Decimal Degrees)

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
	☒	☒	☒	☒	☒
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐
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: 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	1640	0.16	0.3	10B	8.45	97.9	6.93	0.07	148.8	22.6
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 ☒ H ₂ SO ₄	8344070	12/10/19	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice	16918633		
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 ☐ 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: 2 pics

Field/WIN ID



G3NW0045

Location:

Deer Moss Creek upstream College Blvd

Signature: [Signature]

Date: 9/3/19

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 9/9/19 (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: Mill Creek Upstream of Bayshore Drive

Date: 9/3/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0141

WBID: 644

Latitude: 30.51998

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.48907

Receiving Body of Water: Boggy Bayou

RQ-2019-07-29-14

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
MILL CREEK									
STOPHER SLADE									

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: 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	1100	0.4	0.3	VOB	5.24	67.6	6.42	0.03	70.1	28.6
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	8344070	12/10/19	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	16918833		
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 ☐ 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 → G3NW0141

Location: Mill Creek Upstream of Bayshore Drive

Signature: Stopher Slade Date: 9/3/19

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 9/9/19 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: Toms Creek upstream of Hwy 85

Date: 9/3/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0150

WBID: 674

Latitude: 30.50647

County: Okaloosa

ORG ID: 21FLPNS

Longitude: 86.5242

Receiving Body of Water: Toms Bayou

RQ- 2019- 07-29-14

Sampling Team Members <u>MULE KINE</u> <u>Stephen Stadel</u>	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	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: 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 (umhos/cm)	Temp. (C°)
EST	1120	0.4	0.2	VOB	7.24	85.5	6.09	0.01	24.9	23.7
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	8344070	12/10/19	<u>2</u> <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			<u>2</u> <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 um Filter	☒ Ice	16918633		
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-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 → G3NW0150

Location: Toms Creek upstream of Hwy 85

Signature: [Signature] Date: 9/3/19

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 9/9/19 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: Direct Runoff to Choctawhatchee Bay below Oregon Drive

Date: 9/3
(mm/dd/yyyy)

WIN/ Field ID: G3NW0001

WBID: 874

Latitude: 30.41739
(Decimal Degrees)

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.60062
(Decimal Degrees)

Receiving Body of Water: Lake Earl

RQ- 2019-07-29-14

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>M. LINS</u> <u>S. SLADE</u>										☒ 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: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded					Meter ID# <u>155077</u>					Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes / No					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	<u>1145</u>	<u>0.5</u>	<u>0.2</u>	<u>VOB</u>	<u>2.12</u>	<u>26.2</u>	<u>6.52</u>	<u>0.09</u>	<u>190.9</u>	<u>26.5</u>				
CEN														
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	<u>8344070</u>	<u>12/10/19</u>	☐ <2					
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2					
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter					☐ Ice	<u>1691823</u>							
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 Coll ☐ F Coll ☐ 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-GT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA					☐ Ice								
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C													

Notes: needs 5 pics

Field/WIN ID →

G3NW0001

Location:

Direct Runoff to Choctawhatchee Bay below Oregon Drive

Signature: [Signature]

Date: 9/3/19

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:

(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: **Gap Creek powerline South of Overbrook Drive** Date: **9/3/19**

WIN/ Field ID: **G3NW0142** WBID: **843A** Latitude: **30.43194**

County: **Okaloosa** ORG ID: **21FLPNS** Longitude: **86.64875**

Receiving Body of Water: **Cinco Bayou** RQ- **2019-07-29-14**

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded Meter ID# **15077** 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	1208	0.5	0.13	VOB	4.53	55.2	6.04	0.05	103.9	25.3
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	8844076	12/10/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	16918633		
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 Coll ☐ F Coll ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BACK ☐ PCR-GULLZ ☐ 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 → **G3NW0142**

Location: Gap Creek powerline South of Overbrook Drive

Signature: *[Signature]* Date: **9/3/19**

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 **22** **9/9/19** (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

EGLIN RUN EAST/WEST

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. KingSampling Agency: FDPE NWROC

Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/3/19</u> Time <u>0940</u>	Eastern <u>Central</u>	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	G3NW0163		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>6.53</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STC	Location: Alaqua Creek at Park boat ramp		Temp (C) <u>25.4</u>	pH <u>5.86</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>2014</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>1.02</u>	Comments			<u>C</u>
Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/3/19</u> Time <u>1020</u>	Eastern <u>Central</u>	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	G3NW0162		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>7.47</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STC	Location: Shaw Still Branch upstream E College Blvd		Temp (C) <u>24.4</u>	pH <u>6.57</u>	Sample Depth <u>0.2</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>2104</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.10</u>	Comments			<u>B</u>
Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/3/19</u> Time <u>1040</u>	Eastern <u>Central</u>	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	G3NW0045		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>8.45</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STC	Location: Deer Moss Creek upstream College Blvd		Temp (C) <u>22.6</u>	pH <u>6.93</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>1488</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.07</u>	Comments			<u>B</u>
Location	Field/WIN ID →		☒ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/3/19</u> Time <u>1100</u>	Eastern <u>Central</u>	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	G3NW0141		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>5.24</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STC	Location: Mill Creek Upstream of Bayshore Drive		Temp (C) <u>28.6</u>	pH <u>6.42</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>70.1</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.03</u>	Comments			<u>B</u>

Relinquished By: <u>S. Slade</u>	Date/Time <u>9/3/19 1630</u>	Shipping Method <u>Fedex</u>	Number of Coolers Shipped: <u>2</u>	Received By:	Date/Time
----------------------------------	---------------------------------	---------------------------------	--	--------------	-----------

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	NW-UWF-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	0
	W-ICP						
	W-ICPMS						
						HNO3 LOT# NA9099030 EXP: 04/09/20	
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
						H2SO4 LOT# 9A8344070 EXP: 12/10/2019	
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						

Group: B	Bottle Type:	BP-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>6</u>
CHLSUITE-W					
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>6</u>
NW-UWF-ECQ					
Group: B	Bottle Type:	P-500ML	# of Bottles: 6	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>6</u>
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
H2SO4 LOT# SA8344878 EXP: 12/10/2019					
Group: B	Bottle Type:	P-125ML	# of Bottles: 6	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab <u>6</u>
W-PO4-F					
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
ALKALINITY TURBIDITY W-BR-IC W-F W-TSS					
Group: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
CHLSUITE-W					
Group: C	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
NW-UWF-ENQ					
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# SA8344878 EXP: 12/10/2019					
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					

Sent To Contract Lab VWF

Sent To Contract Lab UWF

EGLIN RUN EAST/WEST

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: S. Shode

Project ID: SMP

Collected By: S. Shode / M. KingSampling Agency: FOEP NWROC

Location	Field/WIN ID →  G3NW0150	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/3/19</u> Time <u>1120</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	Location: Toms Creek upstream of Hwy 85	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>7.24</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST		Temp (C) <u>23.7</u>	pH <u>6.09</u>	Sample Depth: <u>0.2</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>24.9</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.01</u>	Comments	
Location	Field/WIN ID →  G3NW0001	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/3/19</u> Time <u>1145</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	Location: Direct Runoff to Choctawhatchee Bay below Oregon Dr	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>2.12</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST		Temp (C) <u>26.5</u>	pH <u>6.52</u>	Sample Depth: <u>0.2</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>190.9</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.09</u>	Comments	
Location	Field/WIN ID →  G3NW0142	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/3/19</u> Time <u>1208</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	Location: Gap Creek powerline South of Overbrook Drive	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>4.53</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST		Temp (C) <u>25.3</u>	pH <u>6.04</u>	Sample Depth: <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>103.9</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.05</u>	Comments	
Location	Field/WIN ID →  G3NW0142	☐ Comp ☒ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	Location: Gap Creek powerline South of Overbrook Drive	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	WIN/ST	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	

Relinquished By: S. Shode

Date/Time

1630 9/3/19

Shipping Method

Fedex

Number of Coolers Shipped:

2

Received By:

Date/Time

Document Reference # 05.1.0

FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials :

Drop_pff

on ice by automobile

FDEP

WRL

Page 1 of 1

Date/Time: 9/5/20

Date/Time: 09/03/19

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# CR013V

RQ-2019-07-29-14

Contact organization **FDEP**

Contact name Michael King

Phone: (850) 595-8300

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

Sampler's name: Stopher Slade

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