

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: PROPSS

RQ- 2019-06-24-06

Project: LSJR N. Boat

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 6/19

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.	J. Parnish	6/25/19	777	23.9	758	8.4	8.4	99.7	-	-	P/F	L/F
ICV	J	J	749	23.9	758	8.4	8.4	99.8	-	-	P/F	L/F
CCV	C. Ruben	J	1215	24.9	758	8.3	8.25	99.5	-	-	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 #	Explr. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Parnish	6/25/19	750	190430A	5/20	1000	1000	P/F	L/F
ICV	J	J	753	147430	12/19	147	154	P/F	L/F
CCV	C. Ruben	J	1218	180919	9/20/19	50,000	50,879	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 #	Explr. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Parnish	6/25/19	794	2904CS4	3/21	7.00	25	7.00	64.4	P/F	L/F
Calibr.	J	J	755	2904B00	3/21	4.00	25	4.01	116.6	P/F	L/F
Calibr.	J	J	756	2901B51	7/20	10.60	25	9.97	237	P/F	L/F
ICV	J	J	800	2904A00	3/21	4.0	25	4.03	113.8	P/F	L/F
CCV	C. Ruben	J	1220	2901B51	7/20	10.0	25.0	9.91	-231.0	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						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: RIBAUT R MONCRIEF RD BR

Date: 6/25/19
(mm/dd/yyyy)

WIN/ Field ID: 20030129

WBID: 2224B

Latitude: 30.38899

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.72053

(Decimal Degrees)

Receiving Body of Water: Trout River

RQ-2019- 06-24-06

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>J. P. Amos</u> <u>C. Ruben</u>					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole		
										☐ Carboy	☐ Syringe			
										☐ Dipper	☐ Other			
					Depth Measured with <u>YSI</u>					Equipment ID				
Collection Method														
☐ Wading					☐ Canoe/Kayak									
☐ From Shore					☐ Electric Motor									
☐ Other					☒ Gasoline Motor									
Water Level: Dry/ Pooled/ <u>(Low)</u> / Normal / High / Flooded					Meter ID# <u>900055</u>					Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes / <u>No</u>					Flow: No Flow / Intertidal / <u>(Flowing)</u> / 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	<u>9:40</u>	<u>0.4</u>	<u>0.3</u>	<u>0.4</u>	<u>5.3</u>	<u>69</u>	<u>7.2</u>	<u>0.93</u>	<u>1844</u>	<u>29.3</u>				
CEN		<u>1.4</u>												
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		<u>99 B A86875</u>						
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				☐ Ice								
Notes:														
Place Label Here														
Signature: <u>J. P. Amos</u>										Date: <u>6/25/19</u>				

Contains: 1:1 H2SO4
Lot No.: SA9010030
Expires: 04/10/20
See Safety Data Sheet (SDS)

Place Preservation Label Here

Contains: 1:1 H2SO4
Lot No.: SA9010030
Expires: 04/10/20
See Safety Data Sheet (SDS)

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: RIBAUT RIVER AT US-1

Date: 6/25/19
(mm/dd/yyyy)

WIN/ Field ID: 20030133

WBID: 2224B

Latitude: 30.37416

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.72678

(Decimal Degrees)

Receiving Body of Water: Trout River

RQ-2019- 06-24-06

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>Plamash</u>					☒	☒			
<u>C. Ruben</u>					☒			☒	☒

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>YSI</u>		
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# 620055 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	<u>920</u>	<u>1.4</u>	<u>0.3</u>	<u>0.4</u>	<u>3.9</u>	<u>50</u>	<u>7.09</u>	<u>0.17</u>	<u>354</u>	<u>28.2</u>
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			☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	<u>29 BA 86879</u>		
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	☐ Ice			

Notes:

Place Label Here

Signature: Plamash Date: 6/25/19

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: MONCRIEF CR LEM TURNER RD BR/NORWOOD AVE

Date: 6/25/19
(mm/dd/yyyy)

WIN/ Field ID: 20030114

WBID: 2228A

Latitude: 30.38096

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.67125

(Decimal Degrees)

Receiving Body of Water: Trout River

RQ-2019- 06-24-06

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
<u>C. Ruben</u> <u>J. Parrish</u>					☒	☒	☒	☐	☐	☒ Sample Container	☐ Van Dorn	☒ Pole							
										☐ Carboy	☐ Syringe								
										☐ Dipper	☐ Other								
					Depth Measured with <u>meter</u>					Equipment ID <u>Ortho # 44</u>									
										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>PRO DSS</u>					Matrix: <u>Fresh</u> Marine / DI									
Photos: Yes / <u>No</u>					Flow: No Flow / Intestinal / <u>Flowing</u> / NA					Tide: Rising / <u>Falling</u> / 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	<u>1055</u>	<u>0.2</u>	<u>0.1</u>	<u>0.2</u> <u>5</u>	<u>6.75</u>	<u>89.3%</u>	<u>6.74</u>	<u>1.74</u>	<u>3343</u>	<u>29.4</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						☒ <2						
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3						☐ <2						
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice		<u>A90A8885</u>										
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					☐ Ice												

Notes:

Place Label Here

Signature: J. Parrish

Date: 6/25/19

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: MONCRIEF CREEK NEAR MOUTH

Date: 6/25/19
(mm/dd/yyyy)

WIN/ Field ID: 20030115

WBID: 2228A

Latitude: 30.39166

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.66222

(Decimal Degrees)

Receiving Body of Water: Trout River

RQ-2019- 06-24-06

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>Plamst</u>									
<u>C. Riker</u>									

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# Pro 055 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	1000	0.2	0.1	0.2	4.9	69	7.23	11.3	19200	29.6
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			☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3			☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	<u>29 BA6075</u>		
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	☐ Ice			

Notes: _____

Place Label Here

Signature: Plamst Date: 6/25/19

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: TROUT R @ I-95 BURT MAXWELL DOCK

Date: 6/25/19
(mm/dd/yyyy)

WIN/ Field ID: 20030121

WBID: 2203A

Latitude: 30.401636

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.66428

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019-06-24-06

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Spanish					X				
C. Riser						X		X	X

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

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# PROPS 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	1025	2.4	0.3	0.5	6.2	89	7.55	13.77	22961	30.3
CEN	1		1.9		5.7	82	7.50	14.3	23760	30.1

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-F ☒ Field Filtered 0.45 um Filter	☒ Ice	29 BA 86875		
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	☐ Ice			

Notes:

Place Label Here

Signature: [Signature] Date: 6/25/19

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)

WIN ID:



20030115

Field ID:



20030115DUP

QA/QC Sample Information Duplicate

MONCRIEF CREEK NEAR MOUTH Duplicate

 Time Zone: EST CEN Time: 1005

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			☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃			☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	19BA 86875		
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-F / ☐ W-TSS / ☐ TURBIDITY	☒ Ice			
Microbiology	☐ E Coli ☐ F Coli ☒ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☒ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☒ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☒ W-AHERB-AA	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

 Contains: 1:1 HNO3
 Lot No: NA9098030
 Expires: 04/09/20
 See Safety Data Sheet (SDS)

 Contains: 1:1 H2SO4
 Lot No.: SA9010030
 Expires: 04/10/20
 See Safety Data Sheet (SDS)

Blank

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			☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃			☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	19BA 86875		
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-F / ☐ W-TSS / ☐ TURBIDITY	☒ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☒ W-UHERB-AA ☒ W-AHERB-AA	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

 Contains: 1:1 HNO3
 Lot No: NA9098030
 Expires: 04/09/20
 See Safety Data Sheet (SDS)

 Contains: 1:1 H2SO4
 Lot No.: SA9010030
 Expires: 04/10/20
 See Safety Data Sheet (SDS)

Notes:

Field ID:



FIELD BLANK 062419

MONCRIEF CREEK NEAR MOUTH Field Blank

Signature:

Date:

6/25/19

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: _____

LSJR North Boat

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

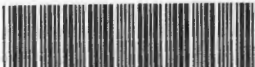
Project ID: SMP

Collected By:

Jeremy Parrish/Cheyenne Rhen

Sampling Agency:

FOEP NE ROC

Location	WIN ID/Field ID:		20030133	RIBAUT RIVER AT US-1	☐ Comp ☒ Grab Collection (comp begin or grab) Date 6/25/19 Time 920 Eastern Central Composite end Date Time Matrix (type, e.g., Salt, Fresh, etc) Fresh Diss. Oxygen 3.9 ☒ mg/L ☐ % sat Total Res. Chlorine (mg/L) Temp (C) 28.2 pH 7.09 Sample Depth 0.3 ☐ ft ☒ m Sp. Conductance (umho/cm) 354 Bottle Group(s) (See pg 2) B
Field ID					
WIN/STOR					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.17	Comments
Location	WIN ID/Field ID:		20030129	RIBAUT R MONCRIEF RD BR	☐ Comp ☒ Grab Collection (comp begin or grab) Date 6/25/19 Time 940 Eastern Central Composite end Date Time Matrix (type, e.g., Salt, Fresh, etc) Fresh Diss. Oxygen 940 ☒ mg/L ☐ % sat Total Res. Chlorine (mg/L) Temp (C) 29.3 pH 7.21 Sample Depth 0.3 ☐ ft ☒ m Sp. Conductance (umho/cm) 1844 Bottle Group(s) B
Field ID					
WIN/ST					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.93	Comments
Location	WIN ID/Field ID:		20030115	MONCRIEF CREEK NEAR MOUTH	☐ Comp ☒ Grab Collection (comp begin or grab) Date 6/25/19 Time 1000 Eastern Central Composite end Date Time Matrix (type, e.g., Salt, Fresh, etc) FRESH SALT Diss. Oxygen 4.9 ☒ mg/L ☐ % sat Total Res. Chlorine (mg/L) Temp (C) 29.6 pH 7.23 Sample Depth 0.1 ☐ ft ☒ m Sp. Conductance (umho/cm) 19200 Bottle Group(s) A
Field ID					
WIN/ST					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 11.3	Comments
Location	WIN ID:		20030115	MONCRIEF CREEK NEAR MOUTH Duplicate	☐ Comp ☒ Grab Collection (comp begin or grab) Date 6/25/19 Time 1005 Eastern Central Composite end Date Time Matrix (type, e.g., Salt, Fresh, etc) SALT Diss. Oxygen — ☐ mg/L ☐ % sat Total Res. Chlorine (mg/L) Temp (C) — pH — Sample Depth 0.3 ☐ ft ☒ m Sp. Conductance (umho/cm) — Bottle Group(s) A
Field ID					
WIN/ST					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) —	Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Parrish	6/25/19 1530	Fedex	3		

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-F 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-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	NE-ALS-ENQ						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-HF183						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP W-ICPMS						
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						
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:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS						

LSJR North Boat

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: *glan*

Project ID: SMP

Collected By: *John C. Rhee*Sampling Agency: *NEROC*

Location	Field ID:  FIELDBLANK062419	WIN/STOF	MONCRIEF CREEK NEAR MOUTH Field Blank	☐ Comp ☒ Grab Collection (comp begin or grab) Date <i>6/25/19</i> Time <i>1010</i>	Eastern Central Date Time	Composite end Date Time	Bottle Group(s) (See pg 2)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Matrix (type, e.g., Salt, Fresh, etc) <i>Field Blank</i>	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<i>AE</i>
Temp (C)		pH		Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)		
Location	WIN ID/Field ID:  20030121	WIN/STOF	TROUT R @ I-95 BURT MAXWELL DOCK	☐ Comp ☒ Grab Collection (comp begin or grab) Date <i>6/25/19</i> Time <i>1025</i>	Eastern Central Date Time	Composite end Date Time	Bottle Group(s)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Matrix (type, e.g., Salt, Fresh, etc) <i>SALT</i>	Diss. Oxygen ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<i>C</i>
Temp (C)		pH		Sample Depth ☐ ft ☒ m	Sp. Conductance (umho/cm)		
Location	WIN ID/Field ID:  20030114	WIN/STOF	MONCRIEF CR LEM TURNER RD BR/ NORWOOD AVE	☐ Comp ☒ Grab Collection (comp begin or grab) Date <i>6/25/19</i> Time <i>1055</i>	Eastern Central Date Time	Composite end Date Time	Bottle Group(s)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>	Diss. Oxygen ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<i>D</i>
Temp (C)		pH		Sample Depth ☐ ft ☒ m	Sp. Conductance (umho/cm)		
Location		WIN/STOF		☐ Comp ☒ Grab Collection (comp begin or grab) Date Time	Eastern Central Date Time	Composite end Date Time	Bottle Group(s)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C)		pH		Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: <i>glan</i>	Date/Time: <i>6/25/19 1530</i>	Shipping Method: <i>Fedex</i>	Number of Coolers Shipped: <i>3</i>	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 _____
	ALKALINITY TURBIDITY W-BR-IC W-F 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-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NE-ALS-ENQ					
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-HF183					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP W-ICPMS					
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:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS					

Group: C	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-TKN				
	W-TOC				
Group: C	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F				
Group: D	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY				
	TURBIDITY				
	W-BR-IC				
	W-F				
	W-SO4-IC				
	W-TSS				
Group: D	Bottle Type: BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W				
Group: D	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 ALS
	NE-ALS-ENQ				
Group: D	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	PCR-HF183				
Group: D	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI				
	W-E8321-MS				
Group: D	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: D	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F				
Group: E	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY				
	TURBIDITY				

Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: NE-ALS-ENQ	P-250ML-WI-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2 0 ALS</u>
Group: B	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: C	Bottle Type: ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C	Bottle Type: NE-ALS-ENQ	P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1 ALS</u>
Group: C	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>1</u>

Group: E	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-BR-IC						
	W-F						
	W-TSS						

Group: E	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI						
	W-E8321-MS						

Group: E	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP						
	W-ICPMS						

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

Group: E	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

Page 1 of 1

SR #

ALS Contact: Jerry Allen

[illegible]