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: DEST RQ- 2019-12-09-23 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 10/19

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.	JRamsh	12/10/19	720	21.8	765.7	8.5	8.8	100.5	—	1.05	P / F	L / F
ICV	"	"	721	21.9	765.8	8.5	8.81	100.5	—	1.05	P / F	L / F
CCV	JRamsh	12/10/19	1425	22.8	761.8	8.6	8.61	100.0	—	1.05	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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	JRamsh	12/10/19	722	191018	10/20	10000	10000	P / F	L / F
ICV	"	"	724	190716	7/20	50000	49300	P / F	L / F
CCV	JRamsh	12/10/19	1426	191018	10/20	10000	10000	P / F	L / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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.	JRamsh	12/10/19	726	290278	1/21	7.	23.3	7.01	-33.4	P / F	L / F
Calibr.	"	"	727	290278	7/21	4.	23.4	4.00	145.6	P / F	L / F
Calibr.	"	"	729	290491	10/20	10.	23.4	10.02	-209.9	P / F	L / F
ICV	"	"	729	290278	7/21	4.0	23.0	4.00	143	P / F	L / F
CCV	JRamsh	12/10/19	1430	290491	10/20	10.0	23.5	10.03	207.5	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 ± 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	JRam	12/10/19	730	0.00	0.00	P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS:

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:** 12/10/2019 (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-** 12-09-23

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish		X		X	X
Amy Kalmbacher	X		X	X	

Sampling Equipment
- [X] Sample Container [ ] Van Dorn [X] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with YSI
- Equipment ID Ortho Kit 7

Collection Method
- [ ] Wading [ ] Canoe/Kayak
- [ ] From Shore [ ] Electric Motor
- [X] Other Dock [ ] Gasoline Motor

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded **Meter ID#** Pest **Matrix:** Fresh / (Marine) / DI

Photos: Yes / (No) **Flow:** No Flow / Intestital / (Flowing) / NA **Tide:** Rising / (Falling) / Slack/ NA **Tide Times:** High 8 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)	1130	1.5	0.3	0.8	8.2	95	7.76	13.12	21,700	18.3
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	[X] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[X] Ice [X] H_2SO_4	SA9203100	7/2020	[X] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[X] W-PO4-F [X] Field Filtered 0.45 µm Filter	[X] Ice	R9BA86875		
Chlorophyll	[X] CHLSUITE-W	[X] Ice			
Physical/Aggregate (Fresh)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[ ] Ice			
Physical/Aggregate (Marine)	[X] Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	[X] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[ ] E Coli [ ] F Coli [X] Enterococci	[X] 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			

Contains: 1:1 H_2SO_4
Lot No.: SA9203100
Expires: 07/22/20
See Safety Data Sheet (SDS)

Place Preservat (If A

Notes:

WIN ID/Field ID: 20030121

TROUT R @ I-95 BURT MAXWELL DOCK

Signature: A Kalmbacher **Date:** 12-10-2019

LIMS EVENT ID: _____ **WIN Import ID:** _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** _____ (Initials/Date)

Scan/Save Field Sheets _____ (Initials/Date) **Migrate Data to WIN:** _____ (Initials/Date) **Verify Data In WIN:** _____ (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / (No)

WIN Station Name: MONCRIEF CR LEM TURNER RD BR/NORWOOD AVE **Date:** 12/10/2019 (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-** 12-09-23

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish	X		X	X	
Amy Kalmbacher		X		X	

Sampling Equipment

- [X] Sample Container [ ] Van Dorn [X] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with water
- Equipment ID Ortho Kit 7

Collection Method

- [ ] Wading [ ] Canoe/Kayak
- [X] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded **Meter ID#** YSI **Matrix:** Fresh / (Marine) / DI

Photos: Yes / (No) **Flow:** No Flow / Intestital / (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)	1155	0.3	0.2	0.3	5.3	58	7.23	4.50	8080	18.5
CEN				S						

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	[X] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[X] Ice [X] H_2SO_4	SA9203100	7/2020	[ ] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[X] W-PO4-F [X] Field Filtered 0.45 µm Filter	[X] Ice	R9BA86875		
Chlorophyll	[X] CHLSUITE-W	[X] Ice			
Physical/Aggregate (Fresh)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[ ] Ice			
Physical/Aggregate (Marine)	[X] Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	[X] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[X] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[ ] E Coli [ ] F Coli [X] Enterococci	[X] 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			

Contains: 1:1 H_2SO_4
Lot No.: SA9203100
Expires: 07/22/20
See Safety Data Sheet (SDS)

Place Preserva (If

SULFURIC ACID <51%

Notes:

WIN ID/Field ID: 20030114

MONCRIEF CR LEM TURNER RD BR/ NORWOOD AVE

Signature: AKalmbacher **Date:** 12-10-2019

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: _____ (Initials/Date)

Scan/Save Field Sheets _____ (Initials/Date) Migrate Data to WIN: _____ (Initials/Date) Verify Data In WIN: _____ (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / (No)

WIN Station Name: RIBAULT RIVER AT US-1 **Date:** 12/10/2019 (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-** 12-02-23

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish		X		X	
Amy Kalmbacher	X		X		

Sampling Equipment

- [X] Sample Container [ ] Van Dorn [X] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [X] Other
- Depth Measured with: Meter
- Equipment ID: Ortho Kit 7

Collection Method

- [ ] Wading [ ] Canoe/Kayak
- [ ] From Shore [ ] Electric Motor
- [ ] Other [X] Gasoline Motor

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded **Meter ID#** 002ST **Matrix:** Fresh / (Marine) / DI

Photos: Yes / (No) **Flow:** No Flow / Intestital / (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)	1015	2.8	0.3	0.8	5.26	53	7.14	0.64	1296	15.9
CEN			2.3		5.29	53	7.14	0.70	1387	15.9

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_2SO_4			[ ] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[ ] W-PO4-F [ ] Field Filtered 0.45 µm Filter	[ ] Ice			
Chlorophyll	[ ] CHLSUITE-W	[ ] Ice			
Physical/Aggregate (Fresh)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[ ] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[ ] E Coli [ ] F Coli [X] Enterococci	[X] Ice			
Molecular	[ ] PCR-FILTER [X] PCR-BacR [ ] PCR-GULL2 [X] PCR-HF183 [X] PCR-DG3 [ ] PCR-GFD	[X] Ice			
Tracers	[X] W-E8321-DI [X] W-E8321-MS	[X] 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			

Place Preservative Sticker(s) Here (If Available)

Notes:

WIN ID/Field ID: 20030133

RIBAULT RIVER AT US-1

Signature: [signature] **Date:** 12-10-2019

LIMS EVENT ID: _____ **WIN Import ID:** _____

Enter Field Parameters, Verify Station ID in LIMS DMT: _____ (Initials/Date) **QC Station ID, Field Parameters in LIMS DMT:** _____ (Initials/Date)

Scan/Save Field Sheets _____ (Initials/Date) **Migrate Data to WIN:** _____ (Initials/Date) **Verify Data in WIN:** _____ (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / (No)

WIN Station Name: RIBAULT R MONCRIEF RD BR **Date:** 12/10/2019 (mm/dd/yyyy)

WIN/ Field ID: 20030129 **WBID:** 2224B **Latitude:** 30.38899 (Decimal Degrees)

County: Duval **ORG ID:** 21 FLA **Longitude:** -81.720053 (Decimal Degrees)

Receiving Body of Water: Trout River **RQ-2019-** 12-09-23

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish		X		X	
Amy Kalmbacher	X		X		

Sampling Equipment
- [X] Sample Container [ ] Van Dorn [X] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with meter
- Equipment ID Ortho Kit 7

Collection Method
- [ ] Wading [ ] Canoe/Kayak
- [X] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded **Meter ID#** YSI ProDSS Desi **Matrix:** Fresh / (Marine) / DI

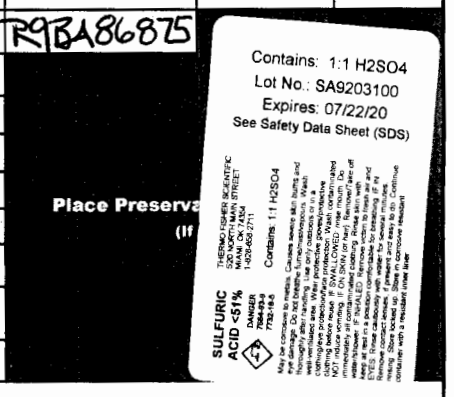
Photos: Yes / (No) **Flow:** No Flow / Intestital / (Flowing) / NA **Tide:** Rising/ (Falling) / Slack/ NA **Tide Times:** High Low

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)	1225	2.2	0.3	0.8	5.6	58	7.23	0.8	1679	16.5
CEN			1.7		5.6	58	7.24	0.8	1700	16.5

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	[X] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[X] Ice [X] H_2SO_4	SA9203100	7/2020	[ ] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[X] W-PO4-F [X] Field Filtered 0.45 µm Filter	[X] Ice	RPBA86875		
Chlorophyll	[X] CHLSUITE-W	[X] Ice			
Physical/Aggregate (Fresh)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[ ] Ice			
Physical/Aggregate (Marine)	[X] Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	[X] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[ ] E Coli [ ] F Coli [X] Enterococci	[X] Ice			
Molecular	[ ] PCR-FILTER [X] PCR-BacR [ ] PCR-GULL2 [X] PCR-HF183 [X] PCR-DG3 [ ] PCR-GFD	[ ] Ice			
Tracers	[X] W-E8321-DI [X] 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:

WIN ID/Field ID: 20030129

RIBAULT R MONCRIEF RD BR

Signature: Amy Kalmbacher Date: 12-10-2019

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Request Number: RQ-2019-12-09-23

LSJR North Boat

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: A. Kalmbacher

Collected By: J. Parrish

Sampling Agency: FDEP/NE ROC

WIN ID/Field ID: 20030121

TROUT R @ I-95 BURT MAXWELL DOCK

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 12-10-2019 Time 1130 (Eastern / Central) | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen 8.2 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 18.3 | pH 7.76 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 21,720

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) 13.1 | Comments

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WIN ID/Field ID: 20030114

MONCRIEF CR LEM TURNER RD BR/ NORWOOD AVE

☒ Comp ☐ Grab | Collection (comp begin or grab) Date 12-10-2019 Time 1155 (Eastern / Central) | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen 5.3 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 18.5 | pH 7.23 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 8080

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) 4.5 | Comments

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WIN ID/Field ID: 20030133

RIBAULT RIVER AT US-1

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 12-10-2019 Time 1015 (Eastern / Central) | Composite end Date Time | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 5.26 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 15.9 | pH 7.14 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 1296

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) 0.64 | Comments

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WIN ID/Field ID: 20030129

RIBAULT R MONCRIEF RD BR

☒ Comp ☐ Grab | Collection (comp begin or grab) Date 12-10-2019 Time 1225 (Eastern / Central) | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 5.6 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 16.5 | pH 7.23 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 1679

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) 0.8 | Comments

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Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
A. Kalmbacher	12-10-2019 1410	Fed Ex	1		

Group: A	Bottle Type: P-1L ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	# of Bottles: ~~1~~ 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
Group: A	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: ~~1~~ 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
Group: A	Bottle Type: P-120ML-WC-THI NE-ALS-ENQ	# of Bottles: ~~2~~ 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4 - Sent to ALS
Group: A	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: ~~1~~ 2	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	2
Group: A	Bottle Type: P-125ML W-PO4-F	# of Bottles: ~~1~~ 2	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	2
Group: B	Bottle Type: P-1L ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: B	Bottle Type: P-120ML-WC-THI NE-ALS-ENQ	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2 Sent to ALS
Group: B	Bottle Type: QPCR-P-500ML PCR-BACR PCR-DG3 PCR-HF183	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1

Group: B	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	W-E8321-DI W-E8321-MS						
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 W-S-A-TP W-TKN 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						
Group: C	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2 - Sent to ALS
	NE-ALS-ENQ						
Group: C	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	PCR-BACR PCR-DG3 PCR-HF183						
Group: C	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	W-E8321-DI W-E8321-MS						

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

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

SR #

ALS Contact

Page 1 of 1

Project Name	Project Number
LSJR North Boat	RQ-2019-12-09-23
Report To	**Report CC**
Jeremy Parrish	Dep-overflowmicro@dep.state.fl.us
Company/Address	
8800 Baymeadows Way W Jacksonville, FL 32256	
Phone #	**FAX #**
(904)256-1700	
Sampler's Signature	**Sampler's Printed Name**
Amy Kalmbacher	Amy Kalmbacher

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

Preservative Key: 0. None; 1. HCL; 2. HNO3; 3. H2SO4; 4. NaOH; 5. Zn. Acetate; 6. MeOH; 7. NaHSO4; 8. Other

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	Matrix	NUMBER OF CONTAINERS	Preservative	Enterococci	REMARKS
20030133		12-10-19	1015	SW	2	✓	✓	Fresh
20030121		↓	1130	↓	2	✓	✓	Marine
20030114		↓	1155	↓	2	✓	✓	Marine
20030129		↓	1225	↓	2	✓	✓	Fresh

Special Instructions/Comments: 1.1x

TURNAROUND REQUIREMENTS
- ___ RUSH (SURCHARGES APPLY)
- X STANDARD
- REQUESTED FAX DATE
- REQUESTED REPORT DATE

REPORT REQUIREMENTS
- ___ I. Results Only
- ___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
- ___ III. Results + QC and Calibration Summaries
- ___ IV. Data Validation Report with Raw Data
- Edata ___ Yes ___ No

INVOICE INFORMATION
- P.O. # ___
- Bill to: ___

Relinquished By	Received By	Relinquished By	Received By	Relinquished By	Received By
Signature: Amy Kalmbacher	Signature:	Signature	Signature	Signature	Signature
Printed Name: Amy Kalmbacher	Printed Name:	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FDEP NE ROC	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 12-10-2019	Date/Time: 12/10/19 1305	Date/Time	Date/Time	Date/Time	Date/Time