FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Sherman Cr At Bridge **Date:** 7/24/2018 (mm/dd/yyyy)

WIN/ Field ID: 27010002 **WBID:** 2227 **Latitude:** 30.37726 (Decimal Degrees)

County: Duval **ORG ID:** 21FLA **Longitude:** -81.43328 (Decimal Degrees)

Receiving Body of Water: ~~ICW~~ ICW **RQ-2018-** 07-16-22

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
JPamsh	X		X	X	X
B Davis	X	X		X	

Sampling Equipment
- [X] Sample Container [ ] Van Dorn [X] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with YSI ProDSS
- Equipment ID Our40 44

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

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

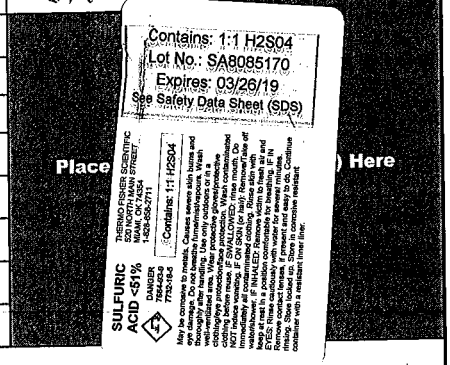
Photos: Yes / No **Flow:** No Flow / Interstitial / Flowing / NA **Tide:** Rising/ Falling/ Slack/ NA **Tide Times:** High 730 Low

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	925	3.2	0.3	0.5	5.36	73.5	7.40	13.87	23039	27.7
CEN	926		1.6		5.31	72.8	7.57	13.86	23035	27.70

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	80851 70	3/26/19	[ ] <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	RKA121512		
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-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	[X] PCR-FILTER [ ] PCR-HF183 [ ] PCR-BacR [ ] PCR-GULL2 [ ] PCR-GFD	[X] Ice			
Tracers	[ ] W-SUC-AA-R [ ] W-UHERB-AA [ ] W-AHERB-AA [X] 8321	[X] Ice			
Pesticides	[ ] W-PSNP-TQ [ ] W-UHERB-AA [ ] W-AHERB-AA [ ] W-CARB-AA [ ] W-PCL-SQ-R [ ] W-PYR-AA-R [ ] W-GLYPH [ ] W-SUC-AA-R	[ ] Ice [ ] Other			



Notes:

WIN / Field ID: 27010002

SHERMAN CR AT BRIDGE

Signature: JPamsh **Date:** 7/24/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JP 7/27/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: BD 7/30/18 (Initials/Date)

Scan/Save Field Sheets BD 7/30/18 (Initials/Date) Migrate Data to WIN: _____ (Initials/Date) Verify Data In WIN: _____ (Initials/Date)

ALS Environmental

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

9143 Philips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011 PAGE _____ OF _____

SR#

CAS Contract

Project Name: LSTR Coast	Project Number: RQ-2018-07-16-22
Project Manager: J Parrish	Email Address: DEP-Overflowmico@DEP.State.FL.us
Company/Address: FDEP NED DEAR 8800 Baymeadows Way W suite 100 Jax FL 32256	
Phone #: 904-256-1700	FAX #:
Sampler's Signature:	Sampler's Printed Name: Brian Devil

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: Filtered

Preservative Key: 0. NONE; 1. HCL; 2. HNO_3; 3. H_2SO_4; 4. NaOH; 5. Zn. Acetate; 6. MeOH; 7. $NaHSO_4$; 8. Other _____

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	Filtered	REMARKS/ ALTERNATE DESCRIPTION
G2NE1137		7/24	1005	SW	1	1	
G2NE1154			1015		1	1	
20030491			1130		1	1	
20030802			935		1	1	
27010002			925		1	1	
~~G2NE1152~~							
20030758		↓	1055	↓	1	1	

SPECIAL INSTRUCTIONS/COMMENTS

See QAPP ☐

0.0°C

SAMPLE RECEIPT: CONDITION/COOLER TEMP:

CUSTODY SEALS: Y N

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
✓ 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
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO #
BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: Brian Devil	Printed Name: KAYLA BLACKWELL	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: FDEP DEAR	Firm: ALS	Firm:	Firm:	Firm:	Firm:
Date/Time: 7/24/18 1310	Date/Time: 7.24.18 1310	Date/Time:	Date/Time:	Date/Time:	Date/Time:

Distribution: White - Return to Originator; Yellow - Retained by Client

Request Number: RQ-2018-07-16-22

LSJR Coast 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

Collected By: J. Parrish

Field Report Prepared By: J. Parrish

Sampling Agency: FDEP NE

WIN / Field ID: G2NE1137

Greenfield Creek @ Wonderwood Dr.

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 7/24/18 Time 1005 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2) B

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen 4.6 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 27.5 | pH 7.38 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 19351

Salinity (ppt) 11.47 | Comments

WIN /Field ID: G2NE1154

Greenfield Creek @ end of Buccaneer

Latitude ☐ dd ☒ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 7/24/18 Time 1015 Eastern Central | Composite end Date Time | Bottle Group(s) B

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen 4.9 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 27.6 | pH 7.41 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 20710

Salinity (ppt) 12.35 | Comments

WIN /Field ID: 20030491

Sisters Creek @ Heckscher Dr.

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 7/24/18 Time 1130 Eastern Central | Composite end Date Time | Bottle Group(s) A

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen 5.7 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.1 | pH 7.64 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 24460

Salinity (ppt) 14.8 | Comments

WIN / Field ID: 20030802

Sherman Creek @ confl. Sanpablo

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 7/24/18 Time 935 Eastern Central | Composite end Date Time | Bottle Group(s) B

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen 5.40 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 27.8 | pH 7.67 | Sample Depth 0.30 ☐ ft ☒ m | Sp. Conductance (umho/cm) 23306

Salinity (ppt) 14.0 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Jeremy Parrish	7/24/18 C 1600	Fed Ex	3		

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	ALKALINITY TURBIDITY W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1 ALS
	NE-ALS-ENQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	1
	W-ICP W-ICPMS						
Group: A	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: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	ALKALINITY TURBIDITY W-F W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	CHLSUITE-W						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	NE-ALS-ENQ						
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	PCR-FILTER						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5

Request Number: RQ-2018-07-16-22

LSJR Coast boat

Customer: NE-DIST

Project ID: SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Requester: Jeremy M. Parrish

Field Report Prepared By: J Parrish

Collected By: J. Parrish

Sampling Agency: FDEP NE

WIN / Field ID: 27010002

SHERMAN CR AT BRIDGE

Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/24/18 Time 925 Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) B						
		Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 5.36 ☒mg/L ☐% sat	Total Res. Chlorine (mg/L)							
		Temp (C) 27.7	pH 7.40	Sample Depth 0.3 ☐ft ☒m	Sp. Conductance (umho/cm) 23039						
		Salinity (ppt) 13.87	Comments								

WIN / Field ID: G2NE1157

~~Hopkins at Penman~~

Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)						
		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)						
		Salinity (ppt)	Comments								

Location Hopkins @ Kings Rd.		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/24/18 Time 1055 Eastern Central	Composite end Date Time	Bottle Group(s) B						
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 3.9 ☒mg/L ☐% sat	Total Res. Chlorine (mg/L)							
WIN/STORET # 20030758		Temp (C) 27.4	pH 7.27	Sample Depth 0.3 ☐ft ☒m	Sp. Conductance (umho/cm) 19740						
Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	Salinity (ppt) 11.7	Comments								

Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)						
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐mg/L ☐% sat	Total Res. Chlorine (mg/L)							
WIN/STORET #		Temp (C)	pH	Sample Depth ☐ft ☐m	Sp. Conductance (umho/cm)						
Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	Salinity (ppt)	Comments								

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Jeremy Parrish	7/24/18 1600	Fed Ex	3		

Group: B	Bottle Type:	BG-500ML	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	W-E8321-DI						
	W-E8321-MS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	5
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: B	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	5
	W-PO4-F						

Cooler Packing Worksheet for Request: RQ-2018-07-16-22
LSJR Coast boat
Ship Cooler On: 7/6/2018
Customer/Project: NE-DIST/SMP

Assigned To: SHAIK_A
Requester: Jeremy M. Parrish
Priority: 3

904-256-1700
8800 Baymeadows Way West

Jacksonville, FL 32256-7577

Attn: Jeremy Parrish

Please return packing list with sample submittal forms.

Comments:
No preservatives needed.

Requested Analyses:

Bottle Group: A **# of Sites: 1**

Container ID: P-1L **Qty: 1** **Preservation: ICE** **Lot #** 0007133

Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L **Qty: 1** **Preservation: ICE** **Lot #** 1223603

Description: Brown Plastic Bottle 1L

Analysis	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-120ML-WC-THI **Qty: 1** **Preservation: ICE** **Lot #** 6M 88-1

Description: 120 ml Sterilized White Cap with tablet

Analysis	Description
NE-ALS-ENQ	Enterococci by MPN by ALS Environmental Laboratory

Container ID: P-500ML **Qty: 1** **Preservation: HNO3** **Lot #** 881230

Description: Plastic Bottle 500 mL Affix RED nitric acid dot to container.

Analysis	Description
W-ICP	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
W-ICPMS	Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML **Qty: 1** **Preservation: ICE And H2SO4** **Lot #** 881230

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 1** **Preservation: FILTER-ICE** **Lot #** 869732

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B # of Sites: 5

Container ID: P-1L **Qty: 5** **Preservation: ICE** **Lot #** 881233

Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L **Qty: 5** **Preservation: ICE** Lot # 423613

Description: Brown Plastic Bottle 1L

Analysis	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-120ML-WC-THI **Qty: 5** **Preservation: ICE** Lot # 61401-1

Description: 120 ml Sterilized White Cap with tablet

Analysis	Description
NE-ALS-ENQ	Enterococci by MPN by ALS Environmental Laboratory

Container ID: QPCR-P-500ML **Qty: 5** **Preservation: ICE** Lot # 0070587

Description: 500ml Sterile Nalgene Affix PCR Instruction Label to container

Analysis	Description
PCR-FILTER	Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML **Qty: 5** **Preservation: ICE** Lot # 0071185

Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis	Description
W-E8321-DI	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML **Qty: 5** **Preservation: ICE And H2SO4** Lot # 0071230

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 5** **Preservation: FILTER-ICE** **Lot #** 0006432

Description: Plastic Bottle 125 mL

Analysis	**Description**
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: AB Number of Coolers: 3 Date: 7-2-18

Kit must also include:
- ✓ Field Sheets
- ✓ Temperature Control Bottle
- ✓ FedEx Bills, if applicable
- ✓ Plastic Bags/Zip Ties
- X Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-07-16-22