FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WIN / Field ID: 20030474

ꝚING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

Date: 8 / 14 / 2018 (mm/dd/yyyy)

MILL CR @ SR 16

WBID: 2460 **Latitude:** 29.96416 (Decimal Degrees)

County: ~~Clay~~ AK St. Johns **ORG ID:** 21FLA **Longitude:** -81.49561 (Decimal Degrees)

Receiving Body of Water: SJR **RQ-2018-** 08-13-17

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B. Davis		X		X	X
A. Kalmbacher	X		X		

Sampling Equipment

- [x] Sample Container
- [ ] Van Dorn
- [x] Pole
- [ ] Carboy
- [ ] Syringe
- [ ] Dipper
- [ ] Other

Depth Measured with: Secchi

Equipment ID: Ortho Kit 3

Collection Method

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

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

Photos: Yes / (No) **Flow:** No Flow / Interstitial / (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. (C⁰)
EST	0900	0.2	0.1	0.2 S	4.0	53%	~~5.28~~ 7.29 AK	0.25	528	29°
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	SA8085170	3/2019	[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	RKA12512		
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[x] E Coli [ ] F Coli [ ] Enterococci	[x] 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-UHERB-AA [ ] W-AHERB-AA [ ] W-CARB-AA [ ] W-PCL-SQ-R [ ] W-PYR-AA-R [ ] W-GLYPH [ ] W-SUC-AA-R	[ ] Ice [ ] Other			

Place Preservat… (If A…

Contains: 1:1 H2S04
Lot No.: SA8085170
Expires: 03/26/19
See Safety Data Sheet (SDS)

SULFURIC ACID <51%
DANGER
Contains: 1:1 H2SO4
THERMO FISHER SCIENTIFIC
520 NORTH MAIN STREET
MIAMI, OK 74354

May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe fume/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Store in corrosive resistant container with a resistant inner liner.

Notes:

Place Label Here

Signature: A. Kalmbacher **Date:** 8-14-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: [initials] 8/16/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: BD 8/20/18 (Initials/Date)

Scan/Save Field Sheets: BD 8/20/18 (Initials/Date) Migrate Data to WIN: ______ (Initials/Date) Verify Data In WIN: ______ (Initials/Date)

QA/QC Sample Information

Duplicate

Time Zone: EST CEN **Sample Depth (m):** _____

Time: _____ **Total Depth (m):** _____ **Field ID:** _____

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H_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-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-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other _____			

Place Preservative Sticker(s) Here (If Available)

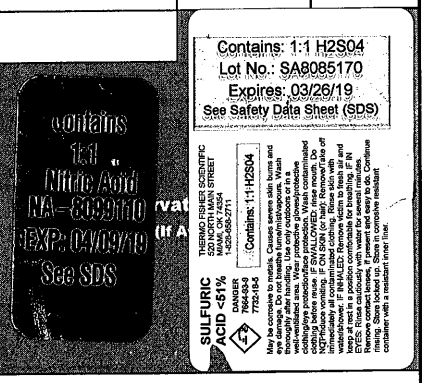
Blank

Time Zone: EST CEN **Time:** 1140 **Field ID:** _____

DI Source: NE ROC LAB **Location:** _____

☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank **Equipment ID:** ORTHO # 3

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-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-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other _____			



Notes:

Field ID:

BLANK 08142018

Field Blank
Location: NE ROC DI

Signature: **Date:**

Field Parameters Entered into LIMS: _____ (Initials/Date) **Field Parameters QC in LIMS:** _____ (Initials/Date)

Date Migrated to STORET: _____ (Initials/Date) **Field Sheets Scanned/Saved:** _____ (Initials/Date)

Request Number: RQ-2018-08-13-17

LSJR Southwest 2

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: Brian Davis, Amy Kalnbach

Field Report Prepared By: B. D.

Sampling Agency: DEAR IVED

WIN / FIELD ID: 20030388

PETERS CREEK CULVERT SR 315

Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 8/14/18 Time 1010	Eastern / Central	Composite end Date Time	Bottle Group(s) (See pg 2)	
		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 6.01	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B	
		Temp (C) 24.4	pH 5.12	Sample Depth 0.1	☐ ft ☑ m	Sp. Conductance (umho/cm) 51.1	
		Salinity (ppt) 0.02	Comments				

Field / WIN ID: 20030403

Peters Creek @ SR 16

Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 8/14/18 Time 1045	Eastern / Central	Composite end Date Time	Bottle Group(s)	
		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 6.54	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B	
		Temp (C) 24.3	pH 5.92	Sample Depth 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm) 51	
		Salinity (ppt) 0.02	Comments				

WIN / FIELD ID: G2NE1140

Unnamed Branch at Brit Place

Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 8/14/18 Time 1145	Eastern / Central	Composite end Date Time	Bottle Group(s)	
		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 5.81	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
		Temp (C) 25.4	pH 4.44	Sample Depth 0.05	☐ ft ☑ m	Sp. Conductance (umho/cm) 65.0	
		Salinity (ppt) 0.03	Comments				

WIN / Field ID: 20030474

MILL CR @ SR 16

Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 8/14/18 Time 900	Eastern / Central	Composite end Date Time	Bottle Group(s)	
		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 4.0	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
		Temp (C) 29.0	pH 7.29	Sample Depth 0.1	☐ ft ☑ m	Sp. Conductance (umho/cm) 528	
		Salinity (ppt) 0.25	Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
B. D.	8/14/18 1630	Fed Ex	2		

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2 to ALS
	NE-ALS-ECQ						
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-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2

Request Number: RQ-2018-08-13-17

LSJR Southwest 2

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:

Field Report Prepared By:

Sampling Agency:

Field ID: BLANK 08142018

Field Blank
Location: NE ROC DI

☐ Comp ☑ Grab	Collection (comp begin or grab) Date 8/14/18 Time 1140	(Eastern) Central	Composite end Date Time		Bottle Group(s) (See pg 2) C
Matrix (type, e.g., Salt, Fresh, etc) DI		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		

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			
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			
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

Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	to ALS 2
	NE-ALS-ECQ						
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	2
	W-ICP						
	W-ICPMS						
Group: B	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: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	2
	W-PO4-F						
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	1
	W-ICP						
	W-ICPMS						
Group: C	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: C	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

ALS Environmental

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

SR#

CAS Contract

Project Name: LSJR Southwest 2	Project Number: RQ2018-08-13-17
Project Manager: Jeremy Parrish	Email Address: Dep-Overflowmicro@dep.state.fl.us
Company/Address: FDEP DEAR NED, 8800 Baymeadows Way W Suite 100, Jax FL 32256	
Phone #: 904-256-1541	FAX #
Sampler's Signature:	Sampler's Printed Name: Brian Davis

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE	NUMBER OF CONTAINERS	E. coli
20030474		8/14/18	900	SW		1	1
20030388			1010			1	1
20030403			1045			1	1
G2NE1140			1145			1	1

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 _____

REMARKS/ ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS

See QAPP ☐

SAMPLE RECEIPT: CONDITION/COOLER TEMP: 0.4 °C CUSTODY SEALS: Y N

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
1 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 Davis	Printed Name: Shannon Stalnaker	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FDEP DEAR	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 8/14/18	Date/Time: 8/14/18 1335	Date/Time	Date/Time	Date/Time	Date/Time

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