FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: OLDFIELD CR@LORETTA RD **Date:** 11/01/2018 (mm/dd/yyyy)

WIN/ Field ID: 20030563 **WBID:** 2370 **Latitude:** 30.15961 (Decimal Degrees)

County: Duval **ORG ID:** 21FLA **Longitude:** 81.60604 (Decimal Degrees)

Receiving Body of Water: Julington Creek **RQ-2018-** 11-05-16

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B. DAVIS		X	X	X	
P. OConnor	X		X	X	X

Sampling Equipment
- [X] Sample Container [ ] Van Dorn [X] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with YSI #3
- Equipment ID Oldtwo #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 #3

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. (C°)
EST	1140	0.7	0.3	0.75	6.06	66.7	7.5	0.15	324	20.0 ✓
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	SA8101020	04-11-19	[X] <2
Metals	[X] W-ICPMS [X] W-ICP	[X] Ice [X] HNO_3	NA8099110	04-09-19	[X] <2
Filtered Nutrients	[X] W-PO4-F [X] Field Filtered 0.45 µm Filter	[X] Ice	SA1 79 HS		
Chlorophyll	[X] CHLSUITE-W	[X] Ice			
Physical/Aggregate (Fresh)	[X] Alkalinity / W-F / W-T$S / 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			
Herb/Pest.	W-E8321-DI W-E8321-MS				

Contains: 1:1 H2S04
Lot No.: SA8101020
Expires: 04/11/19
See Safety Data Sheet (SDS)

Contains 1:1 Nitric Acid NA-8099110 EXP: 04/09/19 See SDS

Notes:

WIN / Field ID: 20030563

OLDFIELD CR @ LORETTO RD

Signature: B. — D. — **Date:** 11/1/18

Enter Field Parameters, Verify Station ID in LIMS DMT: JD 11/5/18 (Initials/Date) QC Station ID, Field Parameters in LIMS DMT: JD 11/5/18 (Initials/Date)

Scan/Save Field Sheets JD 11/5/18 (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):** 0.1

Time: 1040 **Total Depth (m):** 0.2 **Field ID:** 20030852 DUP

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	Place Preservative Sticker(s) Here (If Available)		
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			
	☒ W-E8321-DI ☒ W-E8321-MS	☒ ICE			

Blank

Time Zone: EST CEN **Time:** ~~1040~~ PD **Field ID:**

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

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

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	Place Preservative Sticker(s) Here (If Available)		
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:

WIN ID 20030852

Cormorant Branch @ Marbon Rd.

FIELD ID 20030852DUP

Signature: [signature] **Date:** 11/1/18

Field Parameters Entered into LIMS: [signature] 11/5/18 (Initials/Date)

Field Parameters QC in LIMS: DP 11/5/18 (Initials/Date)

Date Migrated to STORET: (Initials/Date)

Field Sheets Scanned/Saved: DP 11/5/18 (Initials/Date)

Request Number: RQ-2018-11-05-16

LSJR Southside 2

Customer: NE-DIST

Project ID: SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Requester: Jeremy M. Parrish

Collected By: B. DAVIS, R. O'Connor

Field Report Prepared By: R. O'Connor

Sampling Agency: DEAR NED ROC

Location: CORMORANT BRANCH AT JULINGTON CREEK ROAD
WIN / Field ID: 20030685
Field ID:
WIN/STORE:
Latitude: ☐ dd ☐ dms
Longitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11-01-18 Time 1005 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 3.0 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 20.52 | pH: 7.03 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 365

Salinity (ppt): 0.17 | Comments: DO% 33.4

Location: OLDFIELD CR @ LORETTO RD
WIN / Field ID: 20030563
Field ID:
WIN/STORET:
Latitude: ☐ dd ☐ dms
Longitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11-01-18 Time 1140 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 6.06 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 20.0 | pH: 7.5 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 324

Salinity (ppt): 0.15 | Comments: DO% 66.7

Location: OLDFIELD CR @ JULINGTON CREEK ROAD
WIN / Field ID: 20030684
Field ID:
WIN/STORET:
Latitude: ☐ dd ☐ dms
Longitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11-01-18 Time 1100 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 3.82 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 19.41 | pH: 7.11 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 335

Salinity (ppt): 0.17 | Comments: DO% 41.5

Location:
Field ID:
WIN/STORET #:
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

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
R O'Con	11-01-18 1300	FedEx	3 (total)		

Group: A	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: 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-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to ALS 5AY
	NE-ALS-ECQ						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	PCR-FILTER						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI W-E8321-MS						
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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC						

Request Number: RQ-2018-11-05-16

Florida Department of Environmental Protection

LSJR Southside 2

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: B. DAVIS, P. O'Connor

Field Report Prepared By: P. O'Connor

Sampling Agency: DEAR WED ROC

Location

WIN ID: 20030852

Cormorant Branch @ Marbon Rd.

FIELD ID: 20030852DUP

Field ID

WIN/STORET

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Eastern Central | Date 11-01-18 Time 1040 | Composite end Date Time | Bottle Group(s) (See pg 2) D

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 4.87 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 19.3 | pH 7.04 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 251

Salinity (ppt) 0.12 | Comments DO% 52.8

Location

WIN / Field ID: 20030852

CORMORANT BRANCH @ MARBON RD

Field ID

WIN/STORE

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Eastern Central | Date 11-01-18 Time 1035 | Composite end Date Time | Bottle Group(s) D

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 4.87 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 19.3 | pH 7.04 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 251

Salinity (ppt) 0.12 | Comments DO% 52.8

Location

WIN / Field ID: 20030596

DEEP BOTTOM CREEK At I-295

Field ID

WIN/STORE

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Eastern Central | Date 11-01-18 Time 0910 | Composite end Date Time | Bottle Group(s) C

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 4.33 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 19.48 | pH 7.05 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 295

Salinity (ppt) 0.14 | Comments DO% 47.1

Location

WIN / Field ID: 20030595

DEEP BOTTOM CREEK AT SCOTT MILL RD

Field ID

WIN/STORET

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Eastern Central | Date 11-01-18 Time 0840 | Composite end Date Time | Bottle Group(s) C

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 2.17 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 19.1 | pH 7.02 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 549

Salinity (ppt) 0.27 | Comments DO% 23.6

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
POGrm	11-01-18 1300	Fed Ex	3 (total)		

Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	~~1~~
	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 to ALS SAV
	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: 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: C	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 to ALS SAV
	NE-ALS-ECQ						
Group: C	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2

Group: C	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	—
	PCR-FILTER						
Group: C	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI W-E8321-MS						
Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP W-ICPMS						
Group: C	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: C	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: D	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 to ALS JAX
	NE-ALS-ECQ						
Group: D	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-FILTER						
Group: D	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI W-E8321-MS						

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 Southside 1+2	Project Number: RQ-2018-11-05-16
Project Manager: J. Parrish	Email Address:
Company/Address: DEAR NED ROC 8800 BAYMEADOWS WAY W. JAX FL 32256	
Phone #: 904 256 1700	FAX #:
Sampler's Signature: Patrick O'Connor	Sampler's Printed Name: Patrick O'Connor

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

PRESERVATIVE

NUMBER OF CONTAINERS

E. coli

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

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	1	1
20030596		11-8-18	0910	SW	1	1
20030852			1035			
20030685			1005			
20030595			0840			
20030563			1140			
20030684			1100			
20030852DUP			1040			

SPECIAL I NSTRUCTIONS/COMMENTS

0.0°C

See QAPP ☐

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:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Patrick O'Connor	Signature:	Signature	Signature	Signature	Signature
Printed Name: DEAR NED ROC	Printed Name: VIANCA BLACKWELL	Printed Name	Printed Name	Printed Name	Printed Name
Firm: 11-01-18 1203	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time	Date/Time: 11.1.18 / 1207	Date/Time	Date/Time	Date/Time	Date/Time

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