



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name:

DEEP BOTTOM CREEK AT I 295

Date: 11/01/2018

WIN/ Field ID:

20030596

WBID:

2361

Latitude:

30.179416

County:

DUNN

ORG ID:

21FLA

Longitude:

81.624166

Receiving Body of Water:

LSTR

RQ-2018-

11-05-16

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
B. DAULS			X	X	X		☒ Sample Container	☐ Van Dorn	☒ Pole		
P. O'Connor		X		X	X		☐ Carboy	☐ Syringe			
							☐ Dipper	☐ Other			
							Depth Measured with <u>YSI #3</u>				
							Equipment ID <u>ORTHO #7</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>YSI #3</u>		Matrix: <u>Fresh</u> / Marine / DI							
Photos: Yes / <u>No</u>		Flow: No Flow / Interstitial / <u>Flowing</u> / NA		Tide: Rising/ Falling/ Slack/ <u>NA</u>		Tide Times: High <u> </u> Low <u> </u>					
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	0910	0.2	0.1	0.25	4.33	47.1	7.05	0.4	295	19.48	
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	SA8197090	07-16-19	<2		
Metals	☒ W-ICPM5 ☒ W-ICP					☒ Ice ☐ HNO3	NA8099110	04-09-19	<2		
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice	SA157915				
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-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-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					☐ Ice					
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other					
Herb/Pest.	☒ W-E8321-DI ☒ W-E8321-MS					☒ ICE					

Notes:

WIN / Field ID:



20030596

DEEP BOTTOM CREEK At I-295

Signature:

B. DAULS

Date:

11/1/18

Enter Field Parameters, Verify Station ID In LIMS DMT:

11/5/18

QC Station ID, Field Parameters In LIMS DMT:

BD 11/5/18

Scan/Save Field Sheets

BD 11/5/18

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): <u>0.1</u>		Field ID: <u>20030852 DUP</u>	
Time: <u>1040</u>		Total Depth (m): <u>0.2</u>			
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			
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)					
W-E8321-DI W-E8321-MS ICE					

Blank

Time Zone: EST CEN		Time: <u>1040</u> <u>PO</u>		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 ☐ H2SO4			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ < 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)					

Notes:

Signature: <u>[Signature]</u>	WIN ID	
	Comorant Branch @ Marbon Rd.	20030852
	FIELD ID	
		20030852DUP
Date: <u>11/1/18</u>		

Field Parameters Entered into LIMS: <u>11/5/18</u> (Initials/Date)	Field Parameters QC in LIMS: <u>11/5/18</u> (Initials/Date)
Date Migrated to STORET: _____ (Initials/Date)	Field Sheets Scanned/Saved: <u>11/5/18</u> (Initials/Date)

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

LSJR Southside 2

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 4 of 4

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 MED Roe

Location	WIN / Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-01-18</u> Time <u>1005</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	20030685		Matrix (type, e.g., Salt, Fresh, etc) <u>Surface Water Fresh</u>		Diss. Oxygen <u>3.0</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STORE	CORMORANT BRANCH AT JULINGTON CREEK ROAD		Temp (C) <u>20.52</u>	pH <u>7.03</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>365</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.17</u>	Comments <u>DO% 33.4</u>			
Location	WIN / Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-01-18</u> Time <u>1140</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	20030563		Matrix (type, e.g., Salt, Fresh, etc) <u>Surface Water Fresh</u>		Diss. Oxygen <u>6.06</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STORE	OLDFIELD CR @ LORETTO RD		Temp (C) <u>20.0</u>	pH <u>7.5</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>324</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.15</u>	Comments <u>DO% 66.7</u>			
Location	WIN / Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-01-18</u> Time <u>1100</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	20030684		Matrix (type, e.g., Salt, Fresh, etc) <u>Surface Water Fresh</u>		Diss. Oxygen <u>3.82</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STORE	OLDFIELD CR @ JULINGTON CREEK ROAD		Temp (C) <u>19.41</u>	pH <u>7.11</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>335</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.17</u>	Comments <u>DO% 41.5</u>			
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/STORE #			Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:

P. O'Connor

Date/Time

11-01-18

1300

Shipping Method

FedEx

Number of Coolers Shipped:

3 (total)

Received By:

Date/Time

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 DAY

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

LSJR Southside 2

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: P. O'Connor

Project ID: SMP

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

Sampling Agency: DEAR WED ROC

Location		WIN ID 20030852 Cormorant Branch @ Marbon Rd. FIELD ID 20030852DUP		☐ Comp Collection (comp begin or grab) ☒ Grab Date 11-01-18 Time 1040 Eastern Central Composite end Date Time		Bottle Group(s) (See pg 2) D	
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh		Diss. Oxygen 4.87		Total Res. Chlorine (mg/L)	
WIN/STORET		Temp (C) 19.3		pH 7.04		Sample Depth 0.1	
Latitude		☐ dd Longitude ☐ dms		☐ dd Salinity (ppt) ☐ dms 0.12		Comments DO% 52.8 Sp. Conductance (umho/cm) 251	
Location		WIN / Field ID: 20030852		☐ Comp Collection (comp begin or grab) ☒ Grab Date 11-01-18 Time 1035 Eastern Central Composite end Date Time		Bottle Group(s) D	
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh		Diss. Oxygen 4.87		Total Res. Chlorine (mg/L)	
WIN/STORE		Temp (C) 19.3		pH 7.04		Sample Depth 0.1	
Latitude		☐ dd Longitude ☐ dms		☐ dd Salinity (ppt) ☐ dms 0.12		Comments DO% 52.8 Sp. Conductance (umho/cm) 251	
Location		WIN / Field ID: 20030596		☐ Comp Collection (comp begin or grab) ☒ Grab Date 11-01-18 Time 0910 Eastern Central Composite end Date Time		Bottle Group(s) C	
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh		Diss. Oxygen 4.33		Total Res. Chlorine (mg/L)	
WIN/STORE		Temp (C) 19.48		pH 7.05		Sample Depth 0.1	
Latitude		☐ dd Longitude ☐ dms		☐ dd Salinity (ppt) ☐ dms 0.14		Comments DO% 47.1 Sp. Conductance (umho/cm) 295	
Location		WIN / Field ID: 20030595		☐ Comp Collection (comp begin or grab) ☒ Grab Date 11-01-18 Time 0840 Eastern Central Composite end Date Time		Bottle Group(s) C	
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh		Diss. Oxygen 2.17		Total Res. Chlorine (mg/L)	
WIN/STORE		Temp (C) 19.7		pH 7.02		Sample Depth 0.3	
Latitude		☐ dd Longitude ☐ dms		☐ dd Salinity (ppt) ☐ dms 0.27		Comments DO% 23.6 Sp. Conductance (umho/cm) 549	

Relinquished By: P. O'Connor	Date/Time: 11-01-18 1300	Shipping Method: Fed Ex	Number of Coolers Shipped: 3 (total)	Received By:	Date/Time:
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Group: B	Bottle Type: P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
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 DAY
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 DAY
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 PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: P-125ML W-PO4-F	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
Group: D	Bottle Type: P-250ML-WI-THI NE-ALS-ECQ	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2 to ALS JAX
Group: D	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: D	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2

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 1 OF 1

SR#

CAS Contract

Project Name LSSR Southside H2		Project Number RQ-2018-11-05-16		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																					
Project Manager J. Parrish		Email Address		PRESERVATIVE																					
Company/Address DEAR NED ROC				NUMBER OF CONTAINERS E. coli																					
8800 BAYMEADOWS WAY W.																									
JAX FL 32256																									
Phone # 904 256 1700		FAX #																							
Sampler's Signature <i>Patrick O'Connor</i>		Sampler's Printed Name Patrick O'Connor		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		TIME		MATRIX		REMARKS/ALTERNATE DESCRIPTION															
20030596				11-8-18		0910		SW		NUMBER OF CONTAINERS E. coli															
20030852						1035																			
20030685						1005																			
20030595						0840																			
20030563						1140																			
20030684						1100																			
20030852 DU						1040																			
SPECIAL INSTRUCTIONS/COMMENTS										TURNAROUND REQUIREMENTS					REPORT REQUIREMENTS					INVOICE INFORMATION					
										RUSH (SURCHARGES APPLY) STANDARD REQUESTED FAX DATE REQUESTED REPORT DATE					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					PO # BILL TO:					
See QAPP ☐																									
SAMPLE RECEIPT: CONDITION/COOLER TEMP:										CUSTODY SEALS: Y N															
RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY											
Signature <i>Patrick O'Connor</i>		Signature <i>MAVIA BLACKWELL</i>		Signature		Signature		Signature		Signature		Signature		Signature											
Printed Name DEAR NED ROC		Printed Name MAVIA BLACKWELL		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name											
Firm 11-01-18 1203		Firm ALS		Firm		Firm		Firm		Firm		Firm		Firm											
Date/Time		Date/Time 11-1-18 / 1207		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time											