

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: PRO DSS Des1 RQ-2019-08-05-33 Project: LSJR coast

- 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 6/19

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.	C. Ruben	8-7-19	0735	22.9	760	8.6	8.59	100.1	—	—	(P) F	(C) F
ICV	↓	↓	0736	23.0	760	8.6	8.59	100	—	—	(P) F	(C) F
CCV	C Ruben	↓	1230	24.8	760	8.3	8.30	100	—	—	(P) F	(C) 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 μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	C. Ruben	8-7-19	0738	190430A	5/2020	1000	1003	(P) F	(C) F
ICV	↓	↓	0740	190711C	7/2020	50,000	50,125	(P) F	(C) F
CCV	C Ruben	↓	1235	190430A	5/2020	1000	1000	(P) F	(C) F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

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.	C. Ruben	8-7-19	0742	2904C54	3/2021	7.	24.5	7.0	-17.6	(P) F	(C) F
Calibr.	↓	↓	0744	2904B60	3/2021	4.	24.7	3.95	162.5	(P) F	(C) F
Calibr.	↓	↓	0745	2901B51	7/2020	10.	24.7	9.95	-191.8	(P) F	(C) F
ICV	↓	↓	0747	2904C54	3/2021	7.0	24.3	7.06	-18.7	(P) F	(C) F
CCV	C Ruben	↓	1238	2904B60	3/2021	4.0	24.7	4.10	155.9	(P) F	(C) F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ; mV pH 4 Range $+180 \pm 50$; 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						P / F	L / F

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

COMMENTS:

OK 8/7/19



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: DUNN CR AT FAYE ROAD

Date: 8/7/2019

(mm/dd/yyyy)

WIN/ Field ID: 20030140

WBID: 2181A

Latitude: 30.437916

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.583333

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019- 08-05-33

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment					
R. Appleby C. Ruben						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole			
											☐ Carboy	☐ Syringe				
											☐ Dipper	☐ Other				
											Depth Measured with <u>meter</u>					
						Equipment ID <u>Ortno # 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>PRODSS Desi</u>						Matrix: Fresh / <u>Marine</u> / DI				
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / <u>Flowing</u> / NA				Tide: Rising / <u>Falling</u> / 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 (PPT)	Sp COND (umhos/cm)	Temp. (C°)						
EST	920	0.53	0.3	0.5	4.52	62.4	7.16	11.06	18763	29.3						
CEN				S												
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	SA8344070	12/19	☒ <2						
Metals	☒ W-ICPMS ☒ W-ICP					☒ Ice	☒ HNO3	NA9099030	04/20	☒ <2						
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice		R98876875								
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	☐ ML-FW QLDC					☐ Formalin										
Periphyton	☐ ALGAE-ID					☐ Ice										
Microbiology	☐ E Coli ☐ F Coli ☒ Enterococci					☒ 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										

Notes:

WIN ID/Field ID:



20030140

DUNN CR AT FAYE ROAD

Signature:

[Signature]

Date: 8/7/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

8/7/19

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name: St. Johns River at Ft. Caroline dock

Date: 08/07/2019

(mm/dd/yyyy)

WIN/ Field ID: G2NE1179

WBID: 2213B

Latitude: 30.387120

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.49905

(Decimal Degrees)

Receiving Body of Water: Atlantic Ocean

RQ-2019- 08-05-33

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>S. Rubin</u> <u>R. Appleby</u>					☒	☒	☒	☒	☒
					☒	☒	☒	☒	☒
					☒	☒	☒	☒	☒

Sampling Equipment	
☒ Sample Container	☒ Van Dorn ☐ Pole
☐ Carboy	☐ Syringe
☐ Dipper	☐ Other
Depth Measured with <u>meter</u>	
Equipment ID <u>Ortho #7</u>	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☒ Other <u>Dock</u>	☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded					Meter ID# <u>PRO DSS DCS1</u>		Matrix: Fresh / <u>Marine</u> / DI			
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / <u>Flowing</u> / NA		Tides: 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 (umhos/cm)	Temp. (C°)
EST	<u>1000</u>	<u>5.0</u>	<u>0.3</u>	<u>0.6</u>	<u>5.62</u>	<u>81.1%</u>	<u>7.77</u>	<u>16.98</u>	<u>27,761</u>	<u>29.6</u>
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	<u>SA8344070</u>	<u>12/19</u>	☒ <2		
Metals	☒ W-ICPMS ☒ W-ICP					☐ Ice ☐ HNO3	<u>NA9099</u>	<u>1/20</u>	☒ <2		
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☐ Ice	<u>296A86875</u>				
Chlorophyll	☒ CHLSUITE-W					☐ Ice					
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS					☐ Ice	Contains: 1:1 H2SO4 Lot No.: SA8344070 Expires: 12/10/19 See Safety Data Sheet (SDS)		Contains: 1:1 HNO3 Lot No.: NA9099030 Expires: 04/09/20 See Safety Data Sheet (SDS)		
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 ☒ Enterococci					☐ 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					

Notes:

WIN ID/Field ID: G2NE1179

St. Johns River at Ft. Caroline dock

Signature: Cyan

877119

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____

Scan/Save Field Sheets OK 8/7/19 Migrate Data to WIN: _____ Verify Data In WIN: _____

(Initials/Date) (Initials/Date) (Initials/Date) (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: SISTERS CREEK AT HECKSCHER DR

Date: 08/07/2019
(mm/dd/yyyy)

WIN/ Field ID: 20030491

WBID: 2205A

Latitude: 30.3925

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.4589

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019- 08-05-33

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
C. Ruben K. Appleby					X	X	X	X	X	☐ Sample Container	☐ Van Dorn	☒ Pole							
										☐ Carboy	☐ Syringe								
										☐ Dipper	☐ Other								
Depth Measured with					meter					Equipment ID			Ortho #7						
Collection Method																			
☐ Wading					☐ Canoe/Kayak														
☐ From Shore					☐ Electric Motor														
☒ Other DOCK					☐ Gasoline Motor														
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded					Meter ID# PRO PSS Dcsi					Matrix: Fresh / (Marine) / DI									
Photos: Yes / <u>No</u>					Flow: No Flow / Intestinal / <u>Flowing</u> / NA					Tide: <u>Rising</u> / Falling / Slack / NA					Tide Times: High / <u>Low</u>				
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)									
EST	0845	0.4	0.3	0.4	4.92	73.1%	7.71	23.83	37.731	29.1									
CEN				S															
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		SA8344070		12/19		☒ <2						
Metals		☒ W-ICPMS ☒ W-ICP					☒ Ice ☒ HNO3		NA8344050		12/19		☒ <2						
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice		K9BA86875										
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-BR-IC / ☐ 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-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-PCI-SQ-R ☐ WE8321-MS ☐ W-CARB-AA					☐ Ice												
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice												

Notes:

WIN ID/Field ID:



20030491

SISTERS CREEK AT HECKSCHER DR

Signature: Chyan R

DATE: 8/7/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets CR 8/7/19
(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: DEER CR @ TALLEYRAND AVE

Date: 8/7/19
(mm/dd/yyyy)

WIN/ Field ID: 20030792

WBID: 2256

Latitude: 30.341528

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.629417

(Decimal Degrees)

Receiving Body of Water: SJR

RQ-2019- 08-05-33

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
C Ruben					X	X			
K Appleby						X		X	X

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☒ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	

Depth Measured with meter
Equipment ID Ortho #7

Collection Method		
☐ Wading	☐ Canoe/Kayak	
☒ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry / Pooled / Low / Normal / High / Flooded
Photos: Yes / No / Flow: No Flow / Intestinal / Flowing / NA
Meter ID# PRO DES DESI Matrix: Fresh / Marine / DI
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 (PPT)	Sp COND (umhos/cm)	Temp. (C°)
EST	11:15	0.17	0.06	0.17	2.20	287	7.22	1.16	2278	26.6
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	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H2SO4	SA9010030	4/20	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA8344050	12/19	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	NA8344050		
Chlorophyll	☒ CHL SUITE W	☒ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY / ☐ W-CL-IC / ☐ W-COLOR / ☐ W-SO4-IC / ☐ W-TDS	☐ Ice	Contains: 1:1 H2SO4 Lot No.: SA9010030 Expires: 04/10/20 See Safety Data Sheet (SDS)	Contains: 1:1 HNO3 Lot No.: NA8344050 Expires: 12/10/19 See Safety Data Sheet (SDS)	
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 ☒ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☒ PCR-HFL83 ☐ 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			

Notes:

WIN ID/Field ID:



20030792

DEER CR @ TALLEYRAND AVE

Signature:

Date: 8/7/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

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: Greenfield Cr @ end of Buccaneer Dr.

Date: 08/07/2019
(mm/dd/yyyy)

WIN/ Field ID: G2NE1154

WBID: 2240A

Latitude: 30.36191

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.4630

(Decimal Degrees)

Receiving Body of Water: ICW

RQ-2019- 08-05-33

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment						
C. Ruben K. Appleby						☒	☒	☒	☒	☒	☒ Sample Container ☐ Van Dorn ☐ Pole ☐ Carboy ☐ Syringe ☐ Dipper ☐ Other Depth Measured with <u>meter</u> Equipment ID <u>Ortho kit #7</u>						
											Collection Method						
											☐ Wading ☐ Canoe/Kayak ☐ From Shore ☐ Electric Motor ☒ Other <u>Dock</u> ☐ Gasoline Motor						
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded												Meter ID# <u>PROSS Desi</u>		Matrix: Fresh / <u>Marine</u> / DI			
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / <u>Flowing</u> / NA				Tide: <u>Rising</u> / 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 (PPT)	Sp COND (umhos/cm)	Temp. (C°)							
EST	1030	1.87	0.3	1.3	4.57	66.7	7.53	21.77	34653	29.1							
CEN	1032		1.3		4.28	62.9	7.43	22.21	35401	29.0							
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		<u>SA9010030</u>	<u>4/20</u>	<u>X</u> <2							
Metals	☒ W-ICPMS ☒ W-ICP					☒ Ice ☒ HNO3		<u>NA8344050</u>	<u>12/19</u>	<u>X</u> <2							
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice		<u>NA8344050</u>	<u>12/19</u>	<u>X</u> <2							
Chlorophyll	☒ CHLSUITE-W					☐ Ice		<u>NA8344050</u>	<u>12/19</u>	<u>X</u> <2							
Physical/Aggregate (Fresh)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY / ☐ W-CI-IC / ☐ W-COLOR / ☐ W-SO4-IC / ☐ W-TDS					☐ Ice		<u>NA8344050</u>	<u>12/19</u>	<u>X</u> <2							
Physical/Aggregate (Marine)	☒ Alkalinity / ☐ W-BR-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY					☒ Ice		<u>NA8344050</u>	<u>12/19</u>	<u>X</u> <2							
Macroinvertebrates	☐ MI-FW-QLDC					☐ Formalin		<u>NA8344050</u>	<u>12/19</u>	<u>X</u> <2							
Periphyton	☐ ALGAE-ID					☐ Ice		<u>NA8344050</u>	<u>12/19</u>	<u>X</u> <2							
Microbiology	☐ E Coli ☐ F Coli ☒ Enterococci					☒ Ice		<u>NA8344050</u>	<u>12/19</u>	<u>X</u> <2							
Molecular	☐ PCR-FILTER ☒ PCR-BacR ☐ PCR-GULL2 ☒ PCR-HF183 ☒ PCR-DG3 ☐ PCR-GFD					☒ Ice		<u>NA8344050</u>	<u>12/19</u>	<u>X</u> <2							
Tracers	☒ W-E8321-DI ☒ W-E8321-MS					☒ Ice		<u>NA8344050</u>	<u>12/19</u>	<u>X</u> <2							
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA					☐ Ice		<u>NA8344050</u>	<u>12/19</u>	<u>X</u> <2							
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice		<u>NA8344050</u>	<u>12/19</u>	<u>X</u> <2							

Notes:

Signature: Chym

WIN ID/Field ID:



G2NE1154

Greenfield end of Bucaneer dr.

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

LSJR Coast

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. ParrishField Report Prepared By: C Ruben

Project ID: SMP

Collected By: C Ruben / K. ApplebySampling Agency: FDEP DEAR AND ROC

Location	WIN ID/Field ID:  20030140	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/7/19</u> Time <u>0920</u>	☒ Eastern ☐ Central	Composite end Date <u>—</u> Time <u>—</u>	Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>4.52</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	<u>B</u>
WIN/STORE	DUNN CR AT FAYE ROAD	Temp (C) <u>29.3</u>	pH <u>7.16</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>18,763</u>	
Latitude	☐ dd Longitude ☐ dms	☐ dd Salinity (ppt) <u>11.06</u>	Comments			
Location	WIN ID/Field ID:  G2NE1179	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/7/19</u> Time <u>1000</u>	☒ Eastern ☐ Central	Composite end Date <u>—</u> Time <u>—</u>	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>5.62</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	<u>B</u>
WIN/STORE	St. Johns River at Ft. Caroline dock	Temp (C) <u>29.6</u>	pH <u>7.77</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>27,765</u>	
Latitude	☐ dd Longitude ☐ dms	☐ dd Salinity (ppt) <u>16.98</u>	Comments			
Location	WIN ID/Field ID:  20030491	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/7/19</u> Time <u>0845</u>	☒ Eastern ☐ Central	Composite end Date <u>—</u> Time <u>—</u>	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>4.92</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	<u>B</u>
WIN/STORE	SISTERS CREEK AT HECKSCHER DR	Temp (C) <u>29.1</u>	pH <u>7.71</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>37,731</u>	
Latitude	☐ dd Longitude ☐ dms	☐ dd Salinity (ppt) <u>23.83</u>	Comments			
Location	WIN ID/Field ID:  20030792	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/7/19</u> Time <u>1115</u>	☒ Eastern ☐ Central	Composite end Date <u>—</u> Time <u>—</u>	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>2.20</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	<u>A</u>
WIN/STORE	DEER CR @ TALLEYRAND AVE	Temp (C) <u>26.6</u>	pH <u>7.22</u>	Sample Depth <u>0.06</u>	Sp. Conductance (umho/cm) <u>2,278</u>	
Latitude	☐ dd Longitude ☐ dms	☐ dd Salinity (ppt) <u>1.16</u>	Comments			

Relinquished By: <u>Chiyane R</u>	Date/Time <u>8/7/19 1300</u>	Shipping Method <u>Fedex</u>	Number of Coolers Shipped: <u>2</u>	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-BR-IC 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-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to ALS
	NE-ALS-ENQ						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	PCR-HF183						
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:	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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS						

Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
CHLSUITE-W							
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3 to ALS
NE-ALS-ENQ							
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	3
W-ICP							
W-ICPMS							
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
W-NH3							
W-NO2NO3							
W-S-A-TP							
W-TKN							
W-TOC							
Group: B	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
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-BR-IC							
W-F							
W-TSS							
Group: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W							
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 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							

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						

Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: CynifCollected By: C. Ruben/KaplebySampling Agency: FDEP DEAR NE-KOC

Location	WIN ID/Field ID:  G2NE1154	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/7/19</u> Time <u>1030</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>4.57</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	C
WIN/STORET	Greenfield end of Bucaneer dr.	Temp (C) <u>29.1</u>	pH <u>7.52</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>34,653</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>21.77</u>	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: <u>CK</u>	Date/Time: <u>8/7/19 1300</u>	Shipping Method: <u>Fedex</u>	Number of Coolers Shipped: <u>2</u>	Received By:	Date/Time:
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