

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:

51176

RQ:

2019-10-14-13

Project:

LSJR SL

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

6/2019

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.	K. Appleby	10/16/19	755	24.0	753.2	8.3	8.31	99.1	-	1.03	P/F	F
ICV	↓	↓	759	24.2	753.1	8.3	8.31	99.0	-	1.03	P/F	F
CCV	↓	↓	1406	24.6	751.7	8.2	8.31	99.8	-	1.03	P/F	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.	K. Appleby	10/16/19	804	190711B	7/2020	1000	1000	P/F	F
ICV	↓	↓	809	190711A	7/2020	100	104.5	P/F	F
CCV	↓	↓	1409	719820	12/2019	24,820	24,904	P/F	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.	K. Appleby	10/16/19	811	2902778	1/2021	7.00	24.9	77.0	-8.6	P/F	F
Calibr.	↓	↓	813	2904300	3/2021	4.00	25.0	4.00	173.3	P/F	F
Calibr.	↓	↓	815	2810F55	4/2020	10.00	24.9	10.00	-174.9	P/F	F
ICV	↓	↓	818	2904300	3/2021	4.00	24.25	4.00	171.8	P/F	F
CCV	↓	↓	1410	2810F55	4/2020	10.00	24.9	10.00	-180.2	P/F	F
CCV								9.99		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:

6/2019

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	K. Appleby	10/16/19	822	0.00	0.00	P/F	F

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

COMMENTS:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Swimming Pen Creek at Eagles Creek Dr.

Date: 10/16/19
(mm/dd/yyyy)

WIN/ Field ID: G2NE1188

WBID: 2410

Latitude: 30.08903

(Decimal Degrees)

County: Clay

ORG ID: 21FLA

Longitude: 8-1.72674

(Decimal Degrees)

Receiving Body of Water: Doctors Lake

RQ-2019- 10-14-13

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>B. Davis</u>					☒	☒	☒	☒	☒
<u>K. Appleby</u>					☒	☒	☒	☒	☒

Sampling Equipment				
☐ Sample Container	☐ Van Dorn	☒ Pole		
☐ Carboy	☐ Syringe			
☐ Dipper	☐ Other			
Depth Measured with <u>SAITCS</u>				
Equipment ID <u>0440#7</u>				

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

Water Level: Dry/ Pooled/ <u>Low</u> / Normal / High / Flooded					Meter ID# <u>SAITCS</u>					Matrix: <u>Fresh</u> Marine/ DI									
Photos: Yes / <u>No</u>					Flow: No Flow / Intertidal / <u>Flowing</u> / NA					Tide: Rising / <u>Falling</u> / Slack / NA					Tide Times: High Low <u>9:10</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°)									
<u>EST</u>	<u>9:50</u>	<u>0.2</u>	<u>0.1</u>	<u>VOB</u>	<u>3.64</u>	<u>440</u>	<u>7.27</u>	<u>0.15</u>	<u>312.2</u>	<u>24.9</u>									
CEN				<u>S</u>															

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>SA9129100</u>	<u>5/9/20</u>	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>NA8344050</u>	<u>12/10/19</u>	☒ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	<u>K9BA86875</u>		
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	☐ 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:



G2NE1188

Swimming Pen Creek at Eagles Creek Dr.

Signature: B. Davis

Date: 10/16/19

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

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: Swimming Pen CR @ SR220Date: 10/16/2019
(mm/dd/yyyy)WIN/ Field ID: 20030191WBID: 2410Latitude: 30.09997

(Decimal Degrees)

County: ClayORG ID: 21FLALongitude: 81.74634

(Decimal Degrees)

Receiving Body of Water: Doctors LakeRQ-2019- 10-14-13

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>J. Parrish</u> <u>B. Davis</u> <u>K. Applaby</u>					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole		
										☐ Carboy	☐ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with <u>Stitch</u>				
										Equipment ID <u>Ortho Kit #7</u>				
										Collection Method				
										☐ Wading	☐ Canoe/Kayak			
										☐ From Shore	☐ Electric Motor			
										☒ Other <u>Duck</u>	☐ Gasoline Motor			
Water Level: Dry / Pooled / Low / <u>Normal</u> / High / Flooded					Meter ID# <u>Stitch</u>					Matrix: <u>Fresh</u> / Marine / 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 <u>910</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°)				
<u>EST</u>	<u>925</u>	<u>1.05</u>	<u>0.3</u>	<u>0.5</u>	<u>2.32</u>	<u>28.0</u>	<u>6.78</u>	<u>1.05</u>	<u>2056</u>	<u>25.2</u>				
CEN				<u>887</u>										
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>SA9129100</u>	<u>5/2020</u>	☒ <2					
Metals	☒ W-ICPMS ☒ W-ICP					☒ Ice ☒ HNO3	<u>NA8344050</u>	<u>12/2019</u>	☒ <2					
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice	<u>R9BA86745</u>							
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								
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					☐ Ice								
	☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD													
Tracers	☐ W-E8321-DI ☐ W-E8321-MS					☐ Ice								
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI					☐ Ice								
	☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA													
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C													

Notes:

WIN ID/Field ID:



20030191

Swimming Pen CR @ SR 220

Signature:

Date:

10/16/2019

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameter: 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 STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name: BULL CR NE CROSSING CR 215

Date: 10/16/2019
(mm/dd/yyyy)

WIN/ Field ID: 20030487

WBID: _____

Latitude: 30.03422

(Decimal Degrees)

County: Clay

ORG ID: 21FLA

Longitude: -81.90188

(Decimal Degrees)

Receiving Body of Water: Mill Creek

RQ-2019- 10-14-13

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B. Davis						X	X		
K. Appleby					X	X	X	X	X

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☒ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>Stitch</u>		
Equipment ID <u>Ortho #7</u>		

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# Stitch

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intertidal / 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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
<u>EST</u>	<u>1035</u>	<u>0.2</u>	<u>0.1</u>	<u>0.2-cab</u>	<u>7.02</u>	<u>81.3</u>	<u>7.18</u>	<u>0.05</u>	<u>103.8</u>	<u>22.6</u>
CEN				<u>5</u>						

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	<u>SA9129100</u>	<u>5/2020</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>R9BA86875</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			
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:



20030487

BULL CR NE CROSSING CR 215

Signature: [Signature]

Date:

10/16/19

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: _____

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: Unnamed Branch at Brit Place

Date: 10/16/19
(mm/dd/yyyy)

WIN/ Field ID: G2NE1140

WBID: 2486

Latitude: 29.93633

(Decimal Degrees)

County: Clay

ORG ID: 21FLA

Longitude: 81.9273

(Decimal Degrees)

Receiving Body of Water: SF Black Creek

RQ-2019- 10-14-13

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>B. Davis</u> <u>A. Appleby</u>					☒	☒	☒	☒	☒
					☐	☐	☐	☐	☐

Sampling Equipment	
☐ Sample Container	☐ Van Dorn ☒ Pole
☐ Carboy	☐ Syringe
☐ Dipper	☐ Other
Depth Measured with <u>5717CS</u>	
Equipment ID <u>Ortho Kit #7</u>	

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# 5717CS

Matrix: Fresh Marine/ DI

Photos: Yes / ☒ No

Flow: No Flow / Intestinal 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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
<u>EST</u>	<u>1130</u>	<u>0.1</u>	<u>0.05</u>	<u>VOB</u>	<u>5.71</u>	<u>66.0</u>	<u>5.27</u>	<u>0.02</u>	<u>48.9</u>	<u>22.6</u>
<u>CEN</u>				<u>(S)</u>						

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	<u>SA9129100</u>	<u>5/2020</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>P7BA86825</u>		
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	☐ 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				

Notes:

WIN ID/Field ID:



G2NE1140

Unnamed Branch at Brit Place

Signature:

[Signature]

Date:

10/16/19

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)

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

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: Kimberly Appleby

Collected By: K. Appleby + J. Parrish B. Davis

Sampling Agency: FDEP NE ROL

Loca	WIN ID/Field ID:		20030191	☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	Time	☒ Eastern ☐ Central	Composite end	Date	Time	Bottle Group(s) (See pg 2)
Field	Swimming Pen CR @ SR 220			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			A
WIN				Temp (C)	pH	Sample Depth	☐ ft ☒ m	Sp. Conductance (umho/cm)				
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments							
L	WIN ID/Field ID:		G2NE1188	☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	Time	☒ Eastern ☐ Central	Composite end	Date	Time	Bottle Group(s)
F	Swimming Pen Creek at Eagles Creek Dr.			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			A
V				Temp (C)	pH	Sample Depth	☐ ft ☒ m	Sp. Conductance (umho/cm)				
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments							
L	WIN ID/Field ID:		20030487	☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	Time	☒ Eastern ☐ Central	Composite end	Date	Time	Bottle Group(s)
F	BULL CR NE CROSSING CR 215			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			B
V				Temp (C)	pH	Sample Depth	☐ ft ☒ m	Sp. Conductance (umho/cm)				
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments							
Loc	WIN ID/Field ID:		G2NE1140	☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	Time	☒ Eastern ☐ Central	Composite end	Date	Time	Bottle Group(s)
Fie	Unnamed Branch at Brit Place			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			B
WII				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
K. Appleby	10/16/19 1530	Fed Ex	2		

Florida Department of Environmental Protection
Central Laboratory Submittal Form

LSJR South West

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. ParrishField Report Prepared By: Kimberly ApplebyCollected By: K. Appleby + B. DavisSampling Agency: FDEP NE ROL

Lo	WIN ID/Field ID:  20030474		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>10/16/2019</u> Time <u>1250</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
File			Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>5.47</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>	<u>B</u>	
W	MILL CR @ SR 16		Temp (C) <u>26.0</u>		pH <u>7.35</u>	Sample Depth <u>0.16</u>	☐ ft ☒ m		Sp. Conductance (umho/cm) <u>660</u>
Latitude ☐ dd ☐ dms			Longitude ☐ dd ☐ dms			Salinity (ppt) <u>0.32</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
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>K. Appleby</u>	Date/Time <u>10/16/19 1530</u>	Shipping Method <u>Fed Ex</u>	Number of Coolers Shipped: <u>2</u>	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	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	<u>2</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u> → Sent to Lab
	NE-ALS-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u>
	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	<u>2</u>
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						

Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
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CHLSUITE-W

Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3 → sent to ALS</u>
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NE-ALS-ECQ

Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>3</u>
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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	<u>3</u>
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W-PO4-F



CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

9143 Philips Highway, Suite 200. Jacksonville, FL 32256
Phone (904) 739-2277 / 800-695-7222 x06 / FAX (904) 739-2011

www.alsglobal.com

SR #
ALS Contact

Page _____ of _____

Project Name LSTR Southwest		Project Number 2019-10-14-13		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																				
Report To J Parrish DEP-Durflowmicro@DEP.state.fl.us		Report CC		Preservative																Preservative Key				
Company/Address 8800 Baymeadows Way W suite 100 Jax FL 32256		Phone # 904-256-1700		FAX #		NUMBER OF CONTAINERS E. Coli																0. None 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO4 8. Other REMARKS		
Sampler's Signature [Signature]		Sampler's Printed Name Kimberly Appleby																						
CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	TIME	Matrix																				
20030191		10/16/19	925	SW	1	X																	Fresh	
G2NE1188		10/16/19	950	SW	1	X																	Fresh	
20030487		10/16/19	1035	SW	1	X																	Fresh	
G2NE1140		10/16/19	1130	SW	1	X																	Fresh	
20030474		10/16/19	1250	SW	1	X																	Fresh	
Special Instructions/Comments:					TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) STANDARD REQUESTED FAX 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 Edata Yes No				INVOICE INFORMATION P.O. # Bill to:											
SAMPLE RECEIPT: CONDITION/COOLER TEMP: 1.3°C					CUSTODY SEALS: Y ☒ N					REQUESTED REPORT DATE														
Relinquished By Signature [Signature]		Received By Signature		Relinquished By Signature		Received By Signature		Relinquished By Signature		Received By Signature		Relinquished By Signature		Received By Signature										
Printed Name Kimberly Appleby		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name										
Firm FDEP NE ROL		Firm		Firm		Firm		Firm		Firm		Firm		Firm										
Date/Time 10/16/2019 1328		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time 10/16/19 1329										