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: Stitch RQ- 2019-11-11-18 Project: LSJR Downtown

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 10/2019

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	11/14/19	734	21.2	761.7	8.9	8.88	100.2	–	1.02	(P) / F	(L) / F
ICV	↓	↓	737	21.4	761.7	8.9	8.87	100.2	–	1.02	(P) / F	(L) / F
CCV	↓	↓	1523	20.8	759.8	8.9	8.94	99.7	–	1.02	(P) / F	(L) / 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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	K. Appleby	11/14/19	739	190711B	7/2020	1000	1000	(P) / F	(L) / F
ICV	↓	↓	746	190711A	7/2020	100	104.8	(P) / F	(L) / F
CCV	↓	↓	1537	190711L	7/2020	50,000	50,986	(P) / F	(L) / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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	11/14/19	748	2902778	1/2021	7.00	22.8	7.00	-14.2	(P) / F	(L) / F
Calibr.	↓	↓	750	2904B00	3/2021	4.00	22.8	4.00	166.7	(P) / F	(L) / F
Calibr.	↓	↓	752	2904E91	10/2020	10.00	22.7	10.00	-182.5	(P) / F	(L) / F
ICV	↓	↓	756	2904B00	3/2021	4.00	22.0	3.93	169.1	(P) / F	(L) / F
CCV	↓	↓	1534	2904E91	10/2020	10.00	23.1	9.99	-184.2	(P) / F	(L) / F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 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: 10/2019
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	11/14/19	802	0.00	0.00	(P) / F	(L) F

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

COMMENTS:

Florida Department of Environmental Protection
Strategic Monitoring Program
Field Sheet
September 2019

Data Qualified? Yes / No ☐ ☑

WIN Station Name MCGIRTS CREEK AT OLD PLANK ROAD **Date:** 11/14/2019

WIN/Field ID: 20030346 **WBID:** 2249B **ENR:** **Latitude:** 30.3298

County: DUVAL **Org ID:** 21FLA **Longitude:** -81.8619

Receiving Body of Water: Lower St. Johns **RQ-2019-** 11-11-18

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☐ Jeremy Parrish					
☐ Amy Kalmbacher					
☑ Kimberly Applebee	x	x	x	x	x
☑ Brian Davis	x	x	x	x	x

Sample Equipment

☑ Sample Container ☐ Carboy
☐ Dipper ☐ Van Dorn ☐ Syringe
☑ Pole

Depth measured with:
Secchi Equipment ID:

Collection Method

☐ Wading ☐ From Shore
☐ Canoe/Kayak ☐ Electric Motor
☐ Gasoline Motor

Water Level	☐ Normal ☑ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						Meter ID	Stitch	
Flow	Flowing	Photos		Tide		High Tide		Low Tide	
Biological Samples	☐ SCI ☐ HA ☐ RPS ☐ LVS ☐ Algae ID ☐ LVI								
SBIO ID Numbers	SBIO-ID:		HA-ID:		RPS-ID		Macrophyte-ID		LIMS#

Notes:
VOB

Duplicate Sample

Time Zone:		Time:		Field ID:	
WIN DMT Activity ID:					

Blank

Time Zone:		Time:		Field ID:	
DI Source:		**Location:**			
DI Type:		**Equipment ID:**			

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:**

RQ-2019-11-11-18		Collected By:	Brian Davis , Kimberly Applebee
Customer:	WQAP	Field Report Prepared By:	Brian Davis , Kimberly Applebee
Project ID:	SMP	Sampling Agency:	FDEP
WIN/Field ID:	20030346	Comments:	

Water Quality		Matrix:	Fresh	Check One:	☒ Grab

Date	Time	Sample Depth	Secchi (m)	Total Depth (m)	Temp C	pH	D.O. (mg/L)	D.O. (%)	Cond. (umho/cm)	Salinity (ppt)
11/14/2019	0900	0.1	0.2	0.2	12.7	5.42	9.27	87.2	110.1	0.05

Parameter Suite	Parameter Methods			Preservation		pH Check	#Bottle Sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)	☑ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			☑	☑ H2SO4	☑ pH < 2	1	B
	Lot: SA9203100		Exp:	7/22/20				
Metals (P-500ML)	☑ W-ICP, W-ICPMS			☑	☑ HNO3	☑ pH <	1	B
	Lot: NA9189080		Exp:	7/8/20				
Filtered Nutrients (P125ML)	☑ W-PO4-F	☑ Field Filtered 0.45 µm Filter		☑ Ice			1	B
Chlorophyll (BP-1L)	☑ CHLSUITE-W			☑ Ice			1	B
Physical/Aggregate (Fresh) (P-1L)	☑ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS			☑ Ice			1	B
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS /			☐ Ice				B
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC			☐ Ice	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID			☐ Ice				
Microbiology (Contract Lab Bottle)	☑ E. coli	☐ Fecal	☐ Enterococci	☑ Ice			1	B
Molecular (QPCR-P-500ML)	☐ PCR-HF183	☐ PCR-BacR ☐ PCR-DG3	☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice				B
Tracers (BG-500ML)	☐ W-E8321-DI	☐ W-E8321-MS		☐ Ice			1	B
Pesticides (BG-500ML) (BG-1L)	☐ W-PSNP-TQ ☐ W-PCL-SQ-R	☐ W-CT-CL-R ☐ W-E8321-	☐ ARB-AA ☐ 8321-DI	☐ Ice				B
Phytoplankton	☐ DTN-QN-C			☐ Ice				B

Relinquished By:	Date/Time	Number of Coolers Shipped:	Received By:	Date/Time
Brian Davis, Kimberly Applebee	11/14/2019 1600	3		

Florida Department of Environmental Protection
Strategic Monitoring Program
Field Sheet
September 2019

Data Qualified? Yes / No ☐ ☑

WIN Station Name TROUT RIVER AT GARDEN ST **Date:** 11/14/2019

WIN/Field ID: 20030751 **WBID:** 2223 **ENR:** **Latitude:** 30.4072

County: DUVAL **Org ID:** 21FLA **Longitude:** -81.8424

Receiving Body of Water: Lower St. Johns **RQ-2019-** 11-11-18

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☐ Jeremy Parrish					
☐ Amy Kalmbacher					
☑ Kimberly Applebee	x	x	x	x	x
☑ Brian Davis	x	x	x	x	x

Sample Equipment

☑ Sample Container ☐ Carboy
☐ Dipper ☐ Van Dorn ☐ Syringe
☑ Pole

Depth measured with: Meter
Secchi Equipment ID:

Collection Method

☐ Wading ☑ From Shore
☐ Canoe/Kayak ☐ Electric Motor
☐ Gasoline Motor

Water Level	☐ Normal ☑ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						Meter ID	Stitch	
Flow	Flowing	Photos		Tide		High Tide		Low Tide	
Biological Samples	☐ SCI ☐ HA ☐ RPS ☐ LVS ☐ Algae ID ☐ LVI								
SBIO ID Numbers	SBIO-ID:		HA-ID:		RPS-ID		Macrophyte-ID		LIMS#

Notes:
Secchi VOB (S)

Duplicate Sample

Time Zone:		Time:		Field ID:	
WIN DMT Activity ID:					

Blank

Time Zone:		Time:		Field ID:	
DI Source:		**Location:**			
DI Type:		**Equipment ID:**			

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:**

RQ-2019-11-11-18		**Collected By:**	Kimberly Applebee , Brian Davis
Customer:	WQAP	**Field Report Prepared By:**	Kimberly Applebee , Brian Davis
Project ID:	SMP	**Sampling Agency:**	FDEP
WIN/Field ID:	20030751	**Comments:**	

Water Quality	**Matrix:**	Fresh	**Check One:**	☒ **Grab**

Date	Time	Sample Depth	Secchi (m)	Total Depth (m)	Temp C	pH	D.O. (mg/L)	D.O. (%)	Cond. (umho/cm)	Salinity (ppt)
11/14/2019	0945	0.1	0.2	0.2	13.9	6.42	8.62	83.5	135.4	0.06

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottle Sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)	☑ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☑ ☑ H2SO4	☐ pH < 2	1	B
	Lot: SA8344070 Exp:	12/10/2019			
Metals (P-500ML)	☑ W-ICP, W-ICPMS	☑ ☑ HNO3	☑ pH <	1	B
	Lot: NA8344050 Exp:	12/10/2019			
Filtered Nutrients (P125ML)	☑ W-PO4-F ☑ Field Filtered 0.45 µm Filter	☑ Ice		1	B
Chlorophyll (BP-1L)	☑ CHLSUITE-W	☑ Ice		1	B
Physical/Aggregate (Fresh) (P-1L)	☑ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☑ Ice		1	B
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS /	☐ Ice			B
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Ice ☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☑ E. coli ☐ Fecal ☐ Enterococci	☑ Ice		2	B
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			B
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice		1	B
Pesticides (BG-500ML) (BG-1L)	☐ W-PSNP-TQ ☐ W-PCL-SQ-R ☐ W-CT-CL-R ☐ W-E8321- ☐ ARB-AA ☐ 8321-DI	☐ Ice			B
Phytoplankton	☐ DTN-QN-C	☐ Ice			B

Relinquished By:	Date/Time	Number of Coolers Shipped:	Received By:	Date/Time
Kimberly Applebee , Brian Davis	11/14/2019 1600	3		

Florida Department of Environmental Protection
Strategic Monitoring Program
Field Sheet
September 2019

Data Qualified? Yes / No ☐ ☑

WIN Station Name LONG BR AT EVERGREEN AVE. **Date:** 11/14/2019

WIN/Field ID: G2NE0735 **WBID:** 2233 **ENR:** **Latitude:** 30.3642

County: DUVAL **Org ID:** 21FLA **Longitude:** -81.6436

Receiving Body of Water: Lower St. Johns **RQ-2019-** 11-11-18

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☐ Jeremy Parrish					
☐ Amy Kalmbacher					
☑ Kimberly Applebee	x	x	x	x	x
☑ Brian Davis	x	x	x	x	x

Sample Equipment

☑ Sample Container ☐ Carboy
☐ Dipper ☐ Van Dorn ☐ Syringe
☑ Pole

Depth measured with: Meter
Secchi Equipment ID:

Collection Method

☐ Wading ☑ From Shore
☐ Canoe/Kayak ☐ Electric Motor
☐ Gasoline Motor

Water Level	☑ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						Meter ID	Stitch	
Flow	Flowing	Photos		Tide	Falling	High Tide	10:30	Low Tide	16:36
Biological Samples	☐ SCI ☐ HA ☐ RPS ☐ LVS ☐ Algae ID ☐ LVI								
SBIO ID Numbers	SBIO-ID:		HA-ID:		RPS-ID		Macrophyte-ID		LIMS#

Notes:
VOB

Duplicate Sample

Time Zone:		Time:		Field ID:	
WIN DMT Activity ID:					

Blank

Time Zone:		Time:		Field ID:	
DI Source:		**Location:**			
DI Type:		**Equipment ID:**			

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:**

RQ-2019-11-11-18		Collected By:	Kimberly Applebee , Brian Davis
Customer:	WQAP	Field Report Prepared By:	Kimberly Applebee , Brian Davis
Project ID:	SMP	Sampling Agency:	FDEP
WIN/Field ID:	G2NE0735	Comments:	

Water Quality		Matrix:	Marine	Check One:	☒ Grab

Date	Time	Sample Depth	Secchi (m)	Total Depth (m)	Temp C	pH	D.O. (mg/L)	D.O. (%)	Cond. (umho/cm)	Salinity (ppt)
11/14/2019	1355	0.3	0.7	0.7	18.1	7.21	5.34	62.5	26685	16.44

Parameter Suite	Parameter Methods			Preservation		pH Check	#Bottle Sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)	☑ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			☑	☑ H2SO4	☑ pH < 2	1	D
	Lot: SA8344070		Exp: 12/10/19					
Metals (P-500ML)	☐ W-ICP, W-ICPMS			☐ Ice	☐ HNO3	☐ pH <		D
	Lot:		Exp:					
Filtered Nutrients (P125ML)	☑ W-PO4-F	☑ Field Filtered 0.45 µm Filter		☑ Ice			1	D
Chlorophyll (BP-1L)	☑ CHLSUITE-W			☑ Ice			1	D
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS			☐ Ice				D
Physical/Aggregate (Marine) (P-1L)	☑ Alkalinity / W-BR-IC / W-F / W-TSS /			☑ Ice			1	D
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC			☐ Ice	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID			☐ Ice				
Microbiology (Contract Lab Bottle)	☐ E. coli	☐ Fecal	☐ Enterococci	☐ Ice				D
Molecular (QPCR-P-500ML)	☐ PCR-HF183	☐ PCR-BacR ☐ PCR-DG3	☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice				D
Tracers (BG-500ML)	☐ W-E8321-DI	☐ W-E8321-MS		☐ Ice			1	D
Pesticides (BG-500ML) (BG-1L)	☐ W-PSNP-TQ ☐ W-PCL-SQ-R	☐ W-CT-CL-R ☐ W-E8321-	☐ ARB-AA ☐ 8321-DI	☐ Ice				D
Phytoplankton	☐ DTN-QN-C			☐ Ice				D

Relinquished By:	Date/Time	Number of Coolers Shipped:	Received By:	Date/Time
Kimberly Applebee , Brian Davis	11/14/2019 1600	3		

Florida Department of Environmental Protection
Strategic Monitoring Program
Field Sheet
September 2019

Data Qualified? Yes / No ☐ ☑

WIN Station Name Blockhouse 100m abv Irma rd. **Date:** 11/14/2019

WIN/Field ID: G2NE1159 **WBID:** 2207A **ENR:** **Latitude:** 30.4401

County: DUVAL **Org ID:** 21FLA **Longitude:** -81.6903

Receiving Body of Water: Lower St. Johns **RQ-2019-** 11-11-18

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☐ Jeremy Parrish					
☐ Amy Kalmbacher					
☑ Kimberly Applebee	x	x	x	x	x
☑ Brian Davis	x	x	x	x	x

Sample Equipment

☑ Sample Container ☐ Carboy
☐ Dipper ☐ Van Dorn ☐ Syringe
☑ Pole

Depth measured with:
Secchi Equipment ID:

Collection Method

☐ Wading ☐ From Shore
☐ Canoe/Kayak ☐ Electric Motor
☐ Gasoline Motor

Water Level	☐ Normal ☑ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						Meter ID	Stitch	
Flow	Flowing	Photos		Tide		High Tide		Low Tide	
Biological Samples	☐ SCI ☐ HA ☐ RPS ☐ LVS ☐ Algae ID ☐ LVI								
SBIO ID Numbers	SBIO-ID:		HA-ID:		RPS-ID		Macrophyte-ID		LIMS#

Notes:
VOB

Duplicate Sample

Time Zone:		Time:		Field ID:	
WIN DMT Activity ID:					

Blank

Time Zone:		Time:		Field ID:	
DI Source:		**Location:**			
DI Type:		**Equipment ID:**			

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:**

RQ-2019-11-11-18		Collected By:	Kimberly Applebee , Brian Davis
Customer:	WQAP	Field Report Prepared By:	Kimberly Applebee , Brian Davis
Project ID:	SMP	Sampling Agency:	FDEP
WIN/Field ID:	G2NE1159	Comments:	

Water Quality	Matrix:	Fresh	Check One:	☒ Grab

Date	Time	Sample Depth	Secchi (m)	Total Depth (m)	Temp C	pH	D.O. (mg/L)	D.O. (%)	Cond. (umho/cm)	Salinity (ppt)
11/14/2019	1030	0.05	0.1	0.1	15.8	6.59	5.93	59.8	280.5	0.13

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottle Sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)	☑ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☑ ☑ H2SO4	☑ pH < 2	1	C
	Lot: SA8344070 Exp:	12/10/19			
Metals (P-500ML)	☑ W-ICP, W-ICPMS	☑ ☑ HNO3	☑ pH <	1	C
	Lot: NA9189080 Exp:	7/8/19			
Filtered Nutrients (P125ML)	☑ W-PO4-F ☑ Field Filtered 0.45 µm Filter	☑ Ice		1	C
Chlorophyll (BP-1L)	☑ CHLSUITE-W	☑ Ice		1	C
Physical/Aggregate (Fresh) (P-1L)	☑ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☑ Ice		1	C
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS /	☐ Ice			C
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Ice ☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☑ E. coli ☐ Fecal ☐ Enterococci	☑ Ice		2	C
Molecular (QPCR-P-500ML)	☑ PCR- ☑ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD	☑ Ice		1	C
Tracers (BG-500ML)	☑ W-E8321-DI ☑ W-E8321-MS	☑ Ice		1	C
Pesticides (BG-500ML) (BG-1L)	☐ W-PSNP-TQ ☐ W-PCL-SQ-R ☐ W-CT-CL-R ☐ W-E8321- ☐ ARB-AA ☐ 8321-DI	☐ Ice			C
Phytoplankton	☐ DTN-QN-C	☐ Ice			C

Relinquished By:	Date/Time	Number of Coolers Shipped:	Received By:	Date/Time
Kimberly Applebee , Brian Davis	11/14/2019 16:00	3		

Florida Department of Environmental Protection
Strategic Monitoring Program
Field Sheet
September 2019

Data Qualified? Yes / No ☐ ☑

WIN Station Name Blockhouse at Broward Rd. **Date:** 11/14/2019

WIN/Field ID: G2NE1180 **WBID:** 2207B **ENR:** **Latitude:** 30.4219

County: DUVAL **Org ID:** 21FLA **Longitude:** -81.689

Receiving Body of Water: Lower St. Johns **RQ-2019-** 11-11-18

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☐ Jeremy Parrish					
☐ Amy Kalmbacher					
☑ Kimberly Applebee	x	x	x	x	x
☑ Brian Davis	x	x	x	x	x

Sample Equipment

☐ Sample Container ☐ Carboy
☐ Dipper ☑ Van Dorn ☐ Syringe
☐ Pole

Depth measured with:
Secchi Equipment ID:

Collection Method

☐ Wading ☑ From Shore
☐ Canoe/Kayak ☐ Electric Motor
☐ Gasoline Motor

Water Level	☑ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						Meter ID	Stitch	
Flow	Flowing	Photos		Tide	Falling	High Tide	1030	Low Tide	1630
Biological Samples	☐ SCI ☐ HA ☐ RPS ☐ LVS ☐ Algae ID ☐ LVI								
SBIO ID Numbers	SBIO-ID:		HA-ID:		RPS-ID		Macrophyte-ID		LIMS#

Notes:
Sample taken from bridge at road.

Duplicate Sample

Time Zone:		Time:		Field ID:	
WIN DMT Activity ID:					

Blank

Time Zone:		Time:		Field ID:	
DI Source:		**Location:**			
DI Type:		**Equipment ID:**			

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:**

RQ-2019-11-11-18		**Collected By:**	Kimberly Applebee , Brian Davis
Customer:	WQAP	**Field Report Prepared By:**	Kimberly Applebee , Brian Davis
Project ID:	SMP	**Sampling Agency:**	FDEP
WIN/Field ID:	G2NE1180	**Comments:**	

Water Quality	**Matrix:**	Marine	**Check One:**	☒ **Grab**

Date	Time	Sample Depth	Secchi (m)	Total Depth (m)	Temp C	pH	D.O. (mg/L)	D.O. (%)	Cond. (umho/cm)	Salinity (ppt)
11/14/2019	1300	0.3	1.4	1.6	17.4	7.42	7.44	84.7	23904	14.54
					17.4	7.51	7.43	84.5	23993	14.6

1.1

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottle Sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)	☑ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☑ ☑ H2SO4	☑ pH < 2	1	A
	Lot: SA8344070 Exp:	12/10/19			
Metals (P-500ML)	☑ W-ICP, W-ICPMS	☑ ☑ HNO3	☑ pH <	1	A
	Lot: NA9129070 Exp:	5/9/2020			
Filtered Nutrients (P125ML)	☑ W-PO4-F ☑ Field Filtered 0.45 µm Filter	☑ Ice		1	A
Chlorophyll (BP-1L)	☑ CHLSUITE-W	☑ Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			A
Physical/Aggregate (Marine) (P-1L)	☑ Alkalinity / W-BR-IC / W-F / W-TSS /	☑ Ice		1	A
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Ice ☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ E. coli ☐ Fecal ☑ Enterococci	☑ Ice		2	A
Molecular (QPCR-P-500ML)	☑ PCR- ☑ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD	☑ Ice		1	A
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice		1	A
Pesticides (BG-500ML) (BG-1L)	☑ W-PSNP- ☑ W-PCL-SQ- ☑ W-CT-CL-R ☑ W-E8321- ☑ ARB-AA ☑ 8321-DI	☑ Ice		10	A
Phytoplankton	☐ DTN-QN-C	☐ Ice			A

Relinquished By:	Date/Time	Number of Coolers Shipped:	Received By:	Date/Time
Kimberly Applebee , Brian Davis	11/14/2019 16:00	3		

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

SR #

ALS Contact

ALS Environmental

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

Page _____ of _____

Project Name	Project Number
LSJR Downtown	2019-11-11-17
Report To	**Report CC**
Jeremy Parrish	Dep-overflowmicro@dep.state.fl.us
Company/Address	
8800 Baymeadows Way W Jacksonville, FL 32256	
Phone #	**FAX #**
(904)256-1700	
Sampler's Signature	**Sampler's Printed Name**
	Kimberly Appleby

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	Matrix	Preservative	NUMBER OF CONTAINERS	E. Coli	Enterococci	Preservative Key / REMARKS
									0. None 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO4 8. Other REMARKS
20030346		11/14/19	900	SW		2	X		Fresh
20030751		11/14/19	945	SW		2	X		Fresh
G2NE1159		11/14/19	1030	SW		2	X		Fresh
G2NE1180		11/14/19	1300	SW		2		X	Salt
G2NE0735		11/14/19	1355	SW		2		X	Salt

Special Instructions/Comments:

0.1

TURNAROUND REQUIREMENTS

___ RUSH (SURCHARGES APPLY)

X 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

Edata ___ Yes ___ No

INVOICE INFORMATION

P.O. # _____

Bill to: _____

Relinquished By	Received By	Relinquished By	Received By	Relinquished By	Received By
Signature: Kimberly Appleby	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: Kimberly Appleby	Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name: Levi Mason
Firm: FDEP NE ROC	Firm:	Firm:	Firm:	Firm:	Firm: ALS
Date/Time: 11/14/2019 1455	Date/Time:	Date/Time:	Date/Time:	Date/Time:	Date/Time: 11/14/19 1454