

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:

Pesi

RQ:

2019-11-18-18

Project:

BMAP 4

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

10/19

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.	<i>Brian Davis</i>	<i>11/21/19</i>	<i>747</i>	<i>21.9</i>	<i>767.2</i>	<i>8.8</i>	<i>8.8</i>	<i>100.9</i>	<i>✓</i>	<i>1.04</i>	<i>P/F</i>	<i>L/F</i>
ICV			<i>748</i>	<i>22.0</i>	<i>767.2</i>	<i>8.8</i>	<i>8.83</i>	<i>101</i>	<i>✓</i>	<i>1.04</i>	<i>P/F</i>	<i>L/F</i>
CCV			<i>1339</i>	<i>20.9</i>	<i>765.9</i>	<i>9.0</i>	<i>8.96</i>	<i>100.2</i>	<i>✓</i>	<i>1.04</i>	<i>P/F</i>	<i>L/F</i>
CCV											<i>P/F</i>	<i>L/F</i>

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.	<i>Brian Davis</i>	<i>11/21/19</i>	<i>751</i>	<i>19071113</i>	<i>7/20</i>	<i>1000</i>	<i>1000</i>	<i>P/F</i>	<i>L/F</i>
ICV			<i>854</i>	<i>147103</i>	<i>4/20</i>	<i>147</i>	<i>148.6</i>	<i>P/F</i>	<i>L/F</i>
CCV			<i>1342</i>	<i>190253</i>	<i>11/20</i>	<i>20,000</i>	<i>19,795</i>	<i>P/F</i>	<i>L/F</i>
CCV								<i>P/F</i>	<i>L/F</i>

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.	<i>Brian Davis</i>	<i>11/21/19</i>	<i>757</i>	<i>2902778</i>	<i>1/21</i>	<i>7.01</i>	<i>23.0</i>	<i>7.01</i>	<i>-320</i>	<i>P/F</i>	<i>L/F</i>
Calibr.			<i>800</i>	<i>2907062</i>	<i>7/21</i>	<i>4.0</i>	<i>23.1</i>	<i>4.0</i>	<i>150.1</i>	<i>P/F</i>	<i>L/F</i>
Calibr.			<i>802</i>	<i>2904591</i>	<i>10/20</i>	<i>10.02</i>	<i>23.0</i>	<i>10.02</i>	<i>-226</i>	<i>P/F</i>	<i>L/F</i>
ICV			<i>804</i>	<i>2902778</i>	<i>1/21</i>	<i>7.01</i>	<i>23.0</i>	<i>7.06</i>	<i>-30.7</i>	<i>P/F</i>	<i>L/F</i>
CCV			<i>1345</i>	<i>2907062</i>	<i>7/20</i>	<i>4.0</i>	<i>23.3</i>	<i>4.01</i>	<i>147.8</i>	<i>P/F</i>	<i>L/F</i>
CCV										<i>P/F</i>	<i>L/F</i>

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	<i>Brian Davis</i>	<i>11/21/19</i>	<i>805</i>	<i>0.00</i>	<i>0.00</i>	<i>P/F</i>	<i>L/F</i>

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: NW TRIBUTARY TO OPEN CR AT HODGES

Date: 11-21-2019

(mm/dd/yyyy)

WIN/ Field ID: 20030848

WBID: 2299B

Latitude: 30.277383

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.461166

(Decimal Degrees)

Receiving Body of Water: Open Creek

RQ-2019- 11-18-18

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
<u>B. Davis</u> <u>A. Kalmbacher</u>					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole	
										☐ Carboy	☐ Syringe		
										☐ Dipper	☐ Other		
										Depth Measured with <u>meter</u>			
Equipment ID <u>Ortho Pk 3</u>					Collection Method								
					☐ Wading				☐ Canoe/Kayak				
					☒ From Shore				☐ Electric Motor				
					☐ Other				☐ Gasoline Motor				

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

Meter ID# Desi

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 (umhos/cm)	Temp. (C°)
<u>EST</u>	<u>855</u>	<u>0.5</u>	<u>0.3</u>	<u>VOB</u>	<u>7.64</u>	<u>78.0</u>	<u>6.73</u>	<u>0.20</u>	<u>409.6</u>	<u>16.3</u>
CEN				<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>SA9203100</u>	<u>7/2020</u>	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-P04-F ☒ Field Filtered 0.45 um 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-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:



20030848

NW TRIBUTARY TO OPEN CR AT HODGES

Signature: A. Kalmbacher

Date:

11-21-2019

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 STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: TERRAPIN CR @ Faye Rd.

Date: 11-21-2019

(mm/dd/yyyy)

WIN/ Field ID: 20030653

WBID: 2204

Latitude: 30.434361

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.565555

(Decimal Degrees)

Receiving Body of Water: Dunn Creek

RQ-2019- 11-18-18

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
B. Davis A. Kalmbacher									☒ Sample Container	☐ Van Dorn	☒ Pole	
									☐ Carboy	☐ Syringe		
									☐ Dipper	☐ Other		
									Depth Measured with <u>Secchi</u>			
									Equipment ID <u>Ortho Rt 3</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 Pro DSS</u>				Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes / <u>No</u>				Flow: No Flow / Intestinal / <u>Flowing</u> / NA				Tide: Rising/ Falling/ Slack/ <u>NA</u>				
Tide Times: High				Tide Times: 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°)		
<u>EST</u>	<u>0950</u>	<u>0.1</u>	<u>0.05</u>	<u>0.1</u>	<u>9.01</u>	<u>87</u>	<u>6.72</u>	<u>0.12</u>	<u>253.7</u>	<u>13.9</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>SA9203100</u>	<u>7/2020</u>	☐ <2				
Metals	☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3	<u>7/2020</u>	<u>6.72</u>	☐ <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-CH-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:



20030653

TERRAPIN CR @ Faye Rd.

Signature: A. Kalmbacher

Date: 11-21-2019

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 STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Date Qualified?

Yes / No

BUTCHER PEN CR @ CONFEDERATE PT ROAD

WIN Station Name: Butcher penn at Confederate

Date: 11-21-2019
(mm/dd/yyyy)

WIN/ Field ID: 20030082

WBID: 2322

Latitude: 30.264611

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.734583

(Decimal Degrees)

Receiving Body of Water: Ortega River

RQ-2019- 11-18-18

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B. Davis									
A. Kalmbacher									

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☐ Carboy	☐ Syringe
☐ Dipper	☐ Other
Depth Measured with <u>meter</u>	
Equipment ID <u>Ortho Kit 3</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>Pro DSS</u>	Matrix: <u>Fresh</u> / 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	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°)
<u>EST</u>	<u>1055</u>	<u>0.53</u>	<u>0.3</u>	<u>0.53</u>	<u>4.26</u>	<u>44.7</u>	<u>6.93</u>	<u>4.56</u>	<u>8164</u>	<u>16.0</u>
CEN				<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>SA 9203100</u>	<u>7/2020</u>	☐ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>NA 9129070</u>	<u>5/2020</u>	☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-C / 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: 20030082

BUTCHER PEN CR AT CONFEDERATE

Signature: A. Kalmbacher Date: 11-21-2019

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: CRAIG CR @ HENDRICKS AVE

Date: 11-21-2019

(mm/dd/yyyy)

WIN/ Field ID: 20030793

WBID: 2297B

Latitude: 30.296305

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.648027

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019- 11-18-18

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>B. Davis</u> <u>A. Kumbacher</u>						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole		
											☐ Carboy	☐ Syringe			
											☐ Dipper	☐ Other			
											Depth Measured with <u>Secchi</u>				
											Equipment ID <u>Ortho Kit 3</u>				
											Collection Method				
											☐ Wading	☐ Canoe/Kayak			
											☒ From Shore	☐ Electric Motor			
											☐ Other	☐ Gasoline Motor			
Water Level: <u>Dry</u> / Pooled / Low / <u>Normal</u> / High / Flooded						Meter ID# <u>Pro DSS Desi</u>				Matrix: <u>Fresh</u> / <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 (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)					
<u>EST</u>	<u>1155</u>	<u>0.3</u>	<u>0.15</u>	<u>VOB</u>	<u>2.60</u>	<u>28.3</u>	<u>6.95</u>	<u>5.56</u>	<u>9837</u>	<u>17.8</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				☐ <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-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					☒ 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 ☐ WE8321-MS ☐ W-CARB-AA													
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice								

Notes:

WIN ID/Field ID:



20030793

CRAIG CR @ HENDRICKS AVE

Signature:

A. Kumbacher

Date:

11-21-2019

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: BUTCHER PEN CR AT WESCONNETT

Date: 11-21-2019

(mm/dd/yyyy)

WIN/Field ID: 20030760

WBID: 2322

Latitude: 30.259833

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.740194

(Decimal Degrees)

Receiving Body of Water: Ortega River

RQ-2019- 11-18-2019

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B. Davis					☒	☒	☒	☒	☒
A. Kalmbacher					☒	☒	☒	☒	☒

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☒ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>Desi</u>		
Equipment ID <u>Ortega Kit 3</u>		

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

Water Level: Dry/ Pooled/ Low Normal / High / Flooded
Photos: Yes No / No Flow / Intestinal / Flowing / NA
Meter ID# Pro DSS 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 (µmhos/cm)	Temp. (C°)
EST	1030	1.4	0.3	0.9	0.57	6.2	6.66	5.00	8899	17.1
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	☐ 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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLCD	☐ 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: 20030760

BUTCHER PEN CR AT WESCONNETT

Signature: A. Kalmbacher Date: 11-21-2019

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: GOODBYS CR ABOVE WEST BRANCH AT SAN CLERC

Date: 11-21-2019
(mm/dd/yyyy)

WIN/ Field ID: 20030891

WBID: 2326A

Latitude: 30.225444

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.603861

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019- 11-18-18

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>B. Davis</u> <u>A. Kalmbacher</u>					☒	☒	☒	☒	☒	☒ Sample Container	☒ Van Dorn	☒ Pole		
										☐ Carboy	☐ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with <u>Desi</u>				
										Equipment ID <u>0-140 #3</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: <u>Fresh</u> Marine/ DI				
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / <u>Flowing</u> / 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>1240</u>	<u>0.3</u>	<u>0.15</u>	<u>108</u> <u>(5)</u>	<u>7.05</u>	<u>71.7</u>	<u>7.40</u>	<u>0.18</u>	<u>364.3</u>	<u>16.7</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>SA9203100</u>	<u>7/22/20</u>	☐ <2				
Metals	☐ W-ICPMS ☐ W-ICP						☐ Ice ☐ HNO3			☐ <2				
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter						☒ Ice	<u>119BA86875</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													

Contains: 1:1 H2SO4
Lot No.: SA9203100
Expires: 07/22/20
See Safety Data Sheet (SDS)

Place Preservation (if A)

SUBSISTING - 50% NORTH MAIN STREET
1-800-622-2771
Contains: 1:1 H2SO4
Lot No.: 7762-146
Expires: 07/22/20
See Safety Data Sheet (SDS)

Notes:

WIN ID/Field ID:



20030891

GOODBYS CR ABOVE WEST BRANCH
AT SAN CLERC

Signature: A. Kalmbacher

Date:

11-21-2019

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: CRAIG CR. 100m DOWN FROM FOOTBRIDGE IN PARK

Date: 11-21-2019
(mm/dd/yyyy)

WIN/ Field ID: 20030958

WBID: 2297B

Latitude: 30.295219

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.649891

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019- 11-18-18

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
B. Davis A. Kalmbacher				☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole		
									☐ Carboy	☐ Syringe			
									☐ Dipper	☐ Other			
				Depth Measured with <u>meter</u>					Equipment ID <u>Ortho Kit 3</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>Pro DSS 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 (µmhos/cm)	Temp. (C°)			
<u>EST</u>	<u>1205</u>	<u>0.85</u>	<u>0.3</u>	<u>0.85</u>	<u>1.35</u>	<u>15.0</u>	<u>6.94</u>	<u>286</u>	<u>5266</u>	<u>18.4</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>SA9203100</u>		<u>7/2020</u> ☐ <2			
Metals		☒ W-IC-MS ☒ W-IC				☒ Ice ☒ HNO3		<u>AK</u>		☐ <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-CH-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 ☐ WE8321-MS ☐ W-CARB-AA											
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C				☐ Ice							

Notes:

WIN ID/Field ID:



20030958

CRAIG CR. 100m DOWN FROM
FOOTBRIDGE IN PARK

Signature: A. Kalmbacher

Date: 11-21-2019

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)

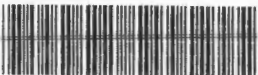
Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Jeremy M. ParrishField Report Prepared By: A. Kalmbacher

Project ID: SMP

Collected By: B. DavisSampling Agency: FDEP/NE ROC

Loc	WIN ID/Field ID:		20030848	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-21-2019</u> Time <u>0855</u>	<u>Eastern</u> Central	Composite end Date	Time	Bottle Group(s) (See pg 2)	
File				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>7.64</u>		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WI	NW TRIBUTARY TO OPEN CR AT HODGES			Temp (C) <u>16.3</u>	pH <u>6.73</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>409.6</u>	<u>B</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.20</u>	Comments					
Lo	WIN ID/Field ID:		20030653	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-21-2019</u> Time <u>0950</u>	<u>Eastern</u> Central	Composite end Date	Time	Bottle Group(s)	
File				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>9.01</u>		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WI	TERRAPIN CR @ Faye Rd.			Temp (C) <u>13.9</u>	pH <u>6.72</u>	Sample Depth <u>0.05</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>253.7</u>	<u>B</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.12</u>	Comments					
Lo	WIN ID/Field ID:		20030082	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-21-2019</u> Time <u>0950</u>	<u>Eastern</u> Central	Composite end Date	Time	Bottle Group(s)	
File				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>4.25</u>		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WI	BUTCHER PEN CR AT CONFEDERATE			Temp (C) <u>16.0</u>	pH <u>6.93</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>8164</u>	<u>C</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>4.56</u>	Comments					
Lo	WIN ID/Field ID:		20030760	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-21-2019</u> Time <u>0950</u>	<u>Eastern</u> Central	Composite end Date	Time	Bottle Group(s)	
File				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>6.2</u>		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WI	BUTCHER PEN CR AT WESCONNETT			Temp (C) <u>17.1</u>	pH <u>6.66</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>8899</u>	<u>E</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>5.00</u>	Comments					

Relinquished By: A. Kalmbacher

Date/Time

11-21-2019

Shipping Method

FEDEX

Number of Coolers Shipped:

2

Received By:

Date/Time

1400

Bmap 1

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. ParrishField Report Prepared By: A. Kalmbacher

Project ID: SMP

Collected By: B. DavisSampling Agency: FDEP/NE ROC

WIN ID/Field ID:  20030793	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-21-2019</u> Time	<u>Eastern</u> Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
CRAIG CR @ HENDRICKS AVE	Matrix (type, e.g., <u>Salt</u> , Fresh, etc)	Diss. Oxygen <u>2.60</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		D
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms	Temp (C) <u>17.8</u>	pH <u>6.95</u>	Sample Depth <u>0.15</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>9837</u>		
	Salinity (ppt) <u>5.56</u>	Comments				
WIN ID/Field ID:  20030958	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-21-2019</u> Time	<u>Eastern</u> Central	Composite end Date	Time	Bottle Group(s)
CRAIG CR. 100m DOWN FROM FOOTBRIDGE IN PARK	Matrix (type, e.g., <u>Salt</u> , Fresh, etc)	Diss. Oxygen <u>1.35</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms	Temp (C) <u>18.4</u>	pH <u>6.94</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>5266</u>		
	Salinity (ppt) <u>2.86</u>	Comments				
WIN ID/Field ID:  20030891	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-21-2019</u> Time	<u>Eastern</u> Central	Composite end Date	Time	Bottle Group(s)
GOODBYS CR ABOVE WEST BRANCH AT SAN CLERC	Matrix (type, e.g., <u>Salt</u> , Fresh, etc)	Diss. Oxygen <u>7.05</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		B
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms	Temp (C) <u>16.1</u>	pH <u>7.40</u>	Sample Depth <u>0.15</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>364.3</u>		
	Salinity (ppt) <u>0.18</u>	Comments				
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	<u>Eastern</u> Central	Composite end Date	Time
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>[Signature]</u>	Date/Time <u>11-21-2019</u> <u>1400</u>	Shipping Method <u>Fed Ex</u>	Number of Coolers Shipped: <u>2</u>	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-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-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	Sent to ALS 2
	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:	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-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	3

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-120ML-WC-THI	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	Sent to ALS 6
NE-ALS-ECQ					
Group: B	Bottle Type: QPCR-P-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
PCR-HF183					
Group: B	Bottle Type: BG-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
W-E8321-DI					
W-E8321-MS					
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-CL-IC					
W-COLOR					
W-F					
W-SO4-IC					
W-TDS					
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-120ML-WC-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	Sent to ALS 2
NE-ALS-ECQ					
Group: C	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
W-ICP					

Group: C	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
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					
Group: D	Bottle Type: P-120ML-WC-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	Sent to ALS 2
NE-ALS-ENQ					
Group: D	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
PCR-HF183					
Group: D	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
W-E8321-DI					
W-E8321-MS					
Group: E	Bottle Type: P-120ML-WC-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	Sent to ALS 2
NE-ALS-ECQ					



SR #	
ALS Contact	

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

Page of

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1310