

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 DCS1

RQ- 2019-08-19-14

Project: BMAP 1

- 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.	C Ruben	8-21-19	0726	23.4	763	8.5	8.55	100.1	—	—	P/F	L/F
ICV	↓	↓	0727	23.4	764	8.6	8.55	100.5	—	—	P/F	L/F
CCV	A Kalmbacher	8-21-19	1410	24.7	763	8.4	8.30	99.8	—	—	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 #	Explr. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	C Ruben	8-21-19	0731	190711B	7/20	1000	998.0	P/F	L/F
ICV	↓	↓	0733	19039B	3/20	100	105.0	P/F	L/F
CCV	A Kalmbacher	8-21-19	1415	7141319	12/19	1413	1411	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Explr. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	C Ruben	8-21-19	0734	2902778	1/21	7.	24.3	7.06	-23.3	P/F	L/F
Calibr.	↓	↓	0736	2904800	3/21	4.	24.3	3.98	158.1	P/F	L/F
Calibr.	↓	↓	0738	2901851	7/20	10.	24.3	9.97	194.8	P/F	L/F
ICV	↓	↓	0740	2902778	1/21	7.0	24.3	7.05	-22.4	P/F	L/F
CCV	A Kalmbacher	8-21-19	1418	2901851	7/20	10.0	24.2	9.98	194.8	P/F	L/F
CCV										P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 $\pm$ 50;

mV pH 4 Range +180 $\pm$ 50;

mV pH 10 Range -180 $\pm$ 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 8/21/19



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: 08-21-2019
(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- 08-19-14

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
<u>C. Ruben</u> <u>A. Kalmbacher</u>				☒	☒	☒	☒	☒	☒ 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									☐ Gasoline Motor			
Water Level: <u>Dry</u> / Pooled / Low / <u>Normal</u> / High / Flooded				Meter ID# <u>YSI ProDS 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 / <u>NA</u>				
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>0835</u>	<u>0.31</u>	<u>0.15</u>	<u>0.2</u>	<u>5.4</u>	<u>66</u>	<u>6.89</u>	<u>0.20</u>	<u>423</u>	<u>25.8</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>SA9010030</u>		<u>4/2020</u> ☒ <2		
Metals		☐ W-ICPMS ☒ W-ICP <u>OR</u>				☐ 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-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 ☐ WE8321-MS ☐ W-CARB-AA										
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C				☐ Ice						

Notes:

Signature: A. Kalmbacher

WIN ID/Field ID:



20030848

NW TRIBUTARY TO OPEN CR AT HODGES

8-21-2019

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 OR 8/21/19

(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: CRAIG CR @ HENDRICKS AVE

Date: 8-21-2019
(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- 08-19-14

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
<u>C. Ruben</u> <u>A. Kalmbacher</u>					☒	☒	☒	☒	☒	☒ 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	☐ Gasoline Motor								
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded					Meter ID# <u>YSI 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/ Falling/ <u>Slack</u> / 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>1300</u>	<u>0.4</u>	<u>0.3</u>	<u>0.4</u>	<u>4.1</u>	<u>52</u>	<u>7.25</u>	<u>0.21</u>	<u>442</u>	<u>26.6</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 ☐ H ₂ SO ₄						☐ <2						
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO ₃						☐ <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-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:



20030793

CRAIG CR @ HENDRICKS AVE

Signature:

A. Kalmbacher

Date:

8-21-2019

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

QR 8/21/19

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: CRAIG CR. 100m DOWN FROM FOOTBRIDGE IN PARK

Date: 8-21-2019
(mm/dd/yyyy)

WIN/ Field ID: 20030958

WBID: 2297B

Latitude: 30.295219

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.648891

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019- 08-19-14

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
C. Ruben					X				
A. Kalmbacher						X	X		

Sampling Equipment		
☒ 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	☐ Gasoline Motor

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

Meter ID# YSI Pro DSS DESI Matrix: Fresh / Marine / DI

Photos: Yes / No Flow: No Flow / Intertidal / Flowing / NA

Tide: Rising/ Falling/ Stagnant / 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>0.58</u>	<u>0.3</u>	<u>0.58</u>	<u>5.22</u>	<u>67.4</u>	<u>7.28</u>	<u>0.62</u>	<u>1254</u>	<u>28.1</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>SA8344070</u>	<u>12/2019</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-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:



20030958

CRAIG CR. 100m DOWN FROM
FOOTBRIDGE IN PARK

Signature: A. Kalmbacher

Date: 8-21-2019

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 QR 8/21/19 (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: BUTCHER PEN CR AT WESCONNETT

Date: 8-21-2019
(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- 08-19-14

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
<u>C. Roben</u> <u>A. Kalmbacher</u>				☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole	
									☐ Carboy	☐ Syringe		
									☐ Dipper	☐ Other		
									Depth Measured with <u>meter</u>			
Equipment ID <u>Ortho 1017</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 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/ <u>NA</u>				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>1000</u>	<u>1.18</u>	<u>0.3</u>	<u>1.0</u>	<u>4.3</u>	<u>52</u>	<u>6.96</u>	<u>0.18</u>	<u>372</u>	<u>25.9</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			☐ <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-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:



20030760

BUTCHER PEN CR AT WESCONNETT

Signature: Chyane

Date: 8/21/19

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: OK 8/21/19

(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

Date Qualified?

Yes / No

WIN Station Name: BUTCHER PEN CR @ CONFEDERATE PT ROAD

Date: 8-21-2019
(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- 08-19-14

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
C. Ruben A. Kalmbacher					☒	☒	☒	☐	☐	☒ 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			☐ Gasoline Motor						
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded					Meter ID# <u>PRO DSS Des 1</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 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>1020</u>	<u>0.47</u>	<u>0.3</u>	<u>0.47</u>	<u>3.81</u>	<u>48.1%</u>	<u>7.08</u>	<u>0.24</u>	<u>503</u>	<u>27.2</u>				
CEN				<u>5</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 ☒ H ₂ SO ₄	<u>SA90100304</u>	<u>4/2020</u>	☐ <2				
Metals		☒ W-ICPMS ☒ W-ICP					☒ Ice ☒ HNO ₃	<u>NA90990304</u>	<u>4/2020</u>	☐ <2				
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice	<u>R9BA8LX75</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							

Contains: 1:1 HNO3
Lot No.: NA9099030
Expires: 04/09/20
See Safety Data Sheet (SDS)

Contains: 1:1 H2SO4
Lot No.: SA9010030
Expires: 04/10/20
See Safety Data Sheet (SDS)

Contains: 1:1 HNO3
Lot No.: NA9099030
Expires: 04/09/20
See Safety Data Sheet (SDS)

Notes:

WIN ID/Field ID:



20030082

BUTCHER PEN CR AT CONFEDERATE

Signature: A. Kalmbacher

Date:

8-21-2019

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

8/21/19

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

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: 8-21-2019
(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- 08-19-14

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
C. Roben					X	X			
A. Kalmbacher						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 / Intertidal / Flowing / NA
Meter ID# YSI ProDSS DSI 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	0915	0.1	0.05	0.1	6.24	77.2	6.48	0.06	137.8	26.2
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	4/2020	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R9BA8675		
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 ☒ 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:

Signature: Kalmbacher

WIN ID/Field ID:



20030653

TERRAPIN CR @ Faye Rd.

Date: 8-21-2019

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 8/21/19 Migrate Data to WIN: Verify Data in WIN:



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: 8-21-2019
(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- 08-19-14

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
C. Ruben									
A. Kalmbacher									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☒ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with meter		
Equipment ID Ortho Kit 7		

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

Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded	Meter ID# 451 Pro DSS DESI	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		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	1110	0.37	0.15	0.37	4.9	61	7.17	0.13	276	26.1
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	SA9010030	1/2020	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <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-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: 20030891

GOODBYS CR ABOVE WEST BRANCH AT SAN CLERC

Signature: A. Kalmbacher Date: 8-21-2019

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 08/21/19 Migrate Data to WIN: Verify Data In WIN:



CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

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

Page 1 of 1

SR #

ALS Contact:

Project Name BMAP 1		Project Number RQ-2019- 08-19-14		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																	
Report To Dep-Overflowmicro@dep.state.fl.us		Report CC J. Perrish		Preservative Key 0. None 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO4 8. Other ICE																	
Company/Address FDEP DEAR NE-ROC 8800 Baymeadows Way W Jacksonville, FL 32256		FAX #		NUMBER OF CONTAINERS																	
Phone # 904-256-1541		FAX #		E. Coli Enterococci																	
Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name Amy Kalmbacher		REMARKS																	
CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	TIME	Matrix																	
20030848		8-21	0835	SW	1	✓															FRESH
20030653		1	0915	1	1	✓															↓
20030760		1	1000	1	1	✓															↓
20030082		1	1020	1	1	✓															↓
20030958		1	1240	1	1	✓															↓
20030793		↓	1300	↓	1	✓															↓
20030891			1110																		
Special Instructions/Comments: Email Report to: Dep-Overflowmicro@dep.state.fl.us					TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) X STANDARD REQUESTED FAX DATE N/A REQUESTED REPORT DATE N/A					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. # B10739 Bill to:						
Relinquished By Signature <i>[Signature]</i>		Received By Signature		Relinquished By Signature		Received By Signature		Relinquished By Signature		Received By Signature		Relinquished By Signature		Received By Signature							
Printed Name Amy Kalmbacher		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name Levi Mason							
Firm FDEP		Firm		Firm		Firm		Firm		Firm		Firm		Firm ALS							
Date/Time 8-21-2019		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time 8/21/19 1332							

1330

Bmap 1

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

A. Kalmbacher

Project ID: SMP

Collected By:

C. Ruben

Sampling Agency:

FDEP/NE ROC

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-21-2019 Time 0835	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	WIN ID/Field ID: 20030848	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 5.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	NW TRIBUTARY TO OPEN CR AT HODGES	Temp (C) 25.8	pH 6.89	Sample Depth 0.15	Sp. Conductance (umho/cm) 423
Latitude	☐ dd ☐ dms	Salinity (ppt) 0-20	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-21-2019 Time 1300	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	WIN ID/Field ID: 20030793	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 4.1	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	CRAIG CR @ HENDRICKS AVE	Temp (C) 26.6	pH 7.25	Sample Depth 0.3	Sp. Conductance (umho/cm) 442
Latitude	☐ dd ☐ dms	Salinity (ppt) 0.21	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-21-2019 Time 1240	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	WIN ID/Field ID: 20030958	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	CRAIG CR. 100m DOWN FROM FOOTBRIDGE IN PARK	Temp (C) 28.1	pH 7.28	Sample Depth 0.3	Sp. Conductance (umho/cm) 1254
Latitude	☐ dd ☐ dms	Salinity (ppt) 0.62	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-21-2019 Time 1000	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	WIN ID/Field ID: 20030760	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 4.3	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	BUTCHER PEN CR AT WESCONNETT	Temp (C) 25.9	pH 6.96	Sample Depth 0.3	Sp. Conductance (umho/cm) 372
Latitude	☐ dd ☐ dms	Salinity (ppt) 0.18	Comments		

Relinquished By:

Date/Time

8-21-2019

Shipping Method

FedEx

Number of Coolers Shipped:

3

Received By:

Date/Time

1400

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
	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

Bmap 1

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Project ID: SMP

Collected By: C. Ruben

Sampling Agency:

A. Kalmbacher
FDEP/NE ROC

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-21-2019 Time 1020	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field I WIN ID/Field ID: 20030082 BUTCHER PEN CR AT CONFEDERATE	Matrix (type, e.g., Salt (Fresh) etc)	Diss. Oxygen 3.81 mg/L % sat	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
WIN/S	Temp (C) 27.2	pH 7.08	Sample Depth 0.3 ft m	Sp. Conductance (umho/cm) 503	
Latitud dms	Salinity (ppt) 0.24	Comments			
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-21-2019 Time 0915	Eastern Central	Composite end Date Time	Bottle Group(s)
Field II WIN ID/Field ID: 20030653 TERRAPIN CR @ Faye Rd.	Matrix (type, e.g., Salt (Fresh) etc)	Diss. Oxygen 6.24 mg/L % sat	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/S	Temp (C) 26.2	pH 6.48	Sample Depth 0.05 ft m	Sp. Conductance (umho/cm) 137.8	
Latitud dms	Salinity (ppt) 0.06	Comments			
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-21-2019 Time 1110	Eastern Central	Composite end Date Time	Bottle Group(s)
Field III WIN ID/Field ID: 20030891 GOODBYS CR ABOVE WEST BRANCH AT SAN CLERC	Matrix (type, e.g., Salt (Fresh) etc)	Diss. Oxygen 4.9 mg/L % sat	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/S	Temp (C) 26.1	pH 7.17	Sample Depth 0.15 ft m	Sp. Conductance (umho/cm) 276	
Latitud dms	Salinity (ppt) 0.13	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: [Signature]	Date/Time: 8-21-2019	Shipping Method: Fed Ex	Number of Coolers Shipped: 3	Received By:	Date/Time:
------------------------------	----------------------	-------------------------	------------------------------	--------------	------------

1400

Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: B	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>3</u> ↳ Sent to ALS
Group: B	Bottle Type: PCR-HF183	QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>3</u>
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>1</u> ↳ Sent to ALS
Group: C	Bottle Type: W-ICP	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab <u>1</u>

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-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
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-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
NE-ALS-ECQ							

→ Sent to ALS

→ Sent to ALS